

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
 Data File : BG023884.D
 Acq On : 24 Aug 2016 14:56
 Operator : UM/SJ
 Sample : PB93011BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BS

Manual Integrations
 APPROVED

sohil
 8/25/2016 6:18:57 PM

Quant Time: Aug 24 17:49:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	148556	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	601529	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	371332	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	845046	20.00	ng	0.00
75) Chrysene-d12	21.84	240	876458	20.00	ng	0.00
86) Perylene-d12	25.23	264	892680	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1017948	115.34	ng	0.00
7) Phenol-d6	7.27	99	1424354	103.62	ng	0.02
23) Nitrobenzene-d5	9.29	82	958291	79.20	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	500514	92.15	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1731773	78.66	ng	0.00
78) Terphenyl-d14	20.14	244	2295429	81.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	114509	30.45	ng	89
3) Pyridine	3.91	79	370474	29.98	ng	93
4) n-Nitrosodimethylamine	3.83	42	178944	39.06	ng	# 84
6) Aniline	7.43	93	352011	17.72	ng	94
8) 2-Chlorophenol	7.67	128	368688	36.36	ng	100
9) Benzaldehyde	7.24	77	102421	10.21	ng	94
10) Phenol	7.29	94	525127	35.71	ng	84
11) bis(2-Chloroethyl)ether	7.52	93	387187	33.01	ng	89
12) 1,3-Dichlorobenzene	7.99	146	397063	34.21	ng	93
13) 1,4-Dichlorobenzene	8.15	146	398763	33.56	ng	98
14) 1,2-Dichlorobenzene	8.46	146	387350	33.23	ng	95
15) Benzyl Alcohol	8.35	79	411923	39.55	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	551385	31.96	ng	92
17) 2-Methylphenol	8.56	107	338781	34.36	ng	# 89
18) Hexachloroethane	9.20	117	154381	34.51	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	362844	30.69	ng	99
20) 3+4-Methylphenols	8.89	107	473264	34.05	ng	87
22) Acetophenone	8.94	105	528813	32.11	ng	# 91
24) Nitrobenzene	9.33	77	518615	38.71	ng	# 91
25) Isophorone	9.85	82	909707	36.10	ng	# 95
26) 2-Nitrophenol	10.05	139	215096	38.04	ng	# 79
27) 2,4-Dimethylphenol	10.10	122	361166	37.51	ng	89
28) bis(2-Chloroethoxy)methane	10.33	93	533682	35.23	ng	99
29) 2,4-Dichlorophenol	10.59	162	379777	39.23	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	386298	37.00	ng	97
31) Naphthalene	10.99	128	1090580	35.60	ng	99
32) Benzoic acid	10.25	122	191572	25.15	ng	89
33) 4-Chloroaniline	11.11	127	151297	10.33	ng	93
34) Hexachlorobutadiene	11.26	225	261958	38.15	ng	95
35) Caprolactam	11.89	113	124644m	30.60	ng	
36) 4-Chloro-3-methylphenol	12.23	107	428029	33.65	ng	93
37) 2-Methylnaphthalene	12.60	142	793649	34.08	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	392532	29.15	ng	99
40) Hexachlorocyclopentadiene	12.93	237	389354	57.34	ng	100

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 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	286388	35.70	nq	96
43) 2,4,5-Trichlorophenol	13.29	196	298379	36.13	nq	91
45) 1,1'-Biphenyl	13.60	154	933580	32.89	nq	97
46) 2-Chloronaphthalene	13.65	162	808141	36.80	nq	97
47) 2-Nitroaniline	13.86	65	329052	36.09	nq	93
48) Acenaphthylene	14.50	152	1268785	36.55	nq	98
49) Dimethylphthalate	14.22	163	1044411	36.66	nq	98
50) 2,6-Dinitrotoluene	14.35	165	239620	35.51	nq	# 82
51) Acenaphthene	14.84	154	793814	36.10	nq	96
52) 3-Nitroaniline	14.69	138	112926	14.84	nq	80
53) 2,4-Dinitrophenol	14.91	184	241345	55.80	nq	91
54) Dibenzofuran	15.17	168	1235248	38.69	nq	97
55) 4-Nitrophenol	15.01	139	352614	59.01	nq	# 82
56) 2,4-Dinitrotoluene	15.15	165	348376	36.79	nq	94
57) Fluorene	15.82	166	1007228	36.15	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	281681	37.17	nq	92
59) Diethylphthalate	15.58	149	1070379	37.01	nq	99
60) 4-Chlorophenyl-phenylether	15.81	204	505442	34.28	nq	99
61) 4-Nitroaniline	15.86	138	244378	30.17	nq	# 65
62) Azobenzene	16.11	77	1184650	40.41	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	188161	32.75	nq	91
65) n-Nitrosodiphenylamine	16.03	169	910203	36.72	nq	96
66) 4-Bromophenyl-phenylether	16.71	248	344693	35.00	nq	96
67) Hexachlorobenzene	16.83	284	365024	33.88	nq	95
68) Atrazine	16.97	200	353794	37.17	nq	95
69) Pentachlorophenol	17.19	266	366936	58.41	nq	98
70) Phenanthrene	17.57	178	1564917	36.50	nq	99
71) Anthracene	17.67	178	1600567	37.11	nq	100
72) Carbazole	17.94	167	1468554	38.78	nq	99
73) Di-n-butylphthalate	18.48	149	1717316	44.66	nq	98
74) Fluoranthene	19.59	202	1816491	45.06	nq	96
76) Benzidine	19.77	184	771239	31.65	nq	98
77) Pyrene	19.95	202	1859131	35.62	nq	98
79) Butylbenzylphthalate	20.82	149	836099	39.62	nq	98
80) Benzo(a)anthracene	21.83	228	1794137	37.08	nq	98
81) 3,3'-Dichlorobenzidine	21.73	252	369875	18.64	nq	# 96
82) Chrysene	21.90	228	1670267	36.29	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1152612	39.88	nq	# 98
84) Di-n-octyl phthalate	22.96	149	1945606	39.44	nq	100
85) Indeno(1,2,3-cd)pyrene	29.11	276	2053093	35.70	nq	# 100
87) Benzo(b)fluoranthene	24.15	252	1823048	36.30	nq	# 98
88) Benzo(k)fluoranthene	24.22	252	1761205	36.51	nq	# 97
89) Benzo(a)pyrene	25.07	252	1784194	37.35	nq	# 95
90) Dibenzo(a,h)anthracene	29.17	278	1733546	35.53	nq	# 91
91) Benzo(g,h,i)perylene	30.33	276	1691223	34.42	nq	# 93

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

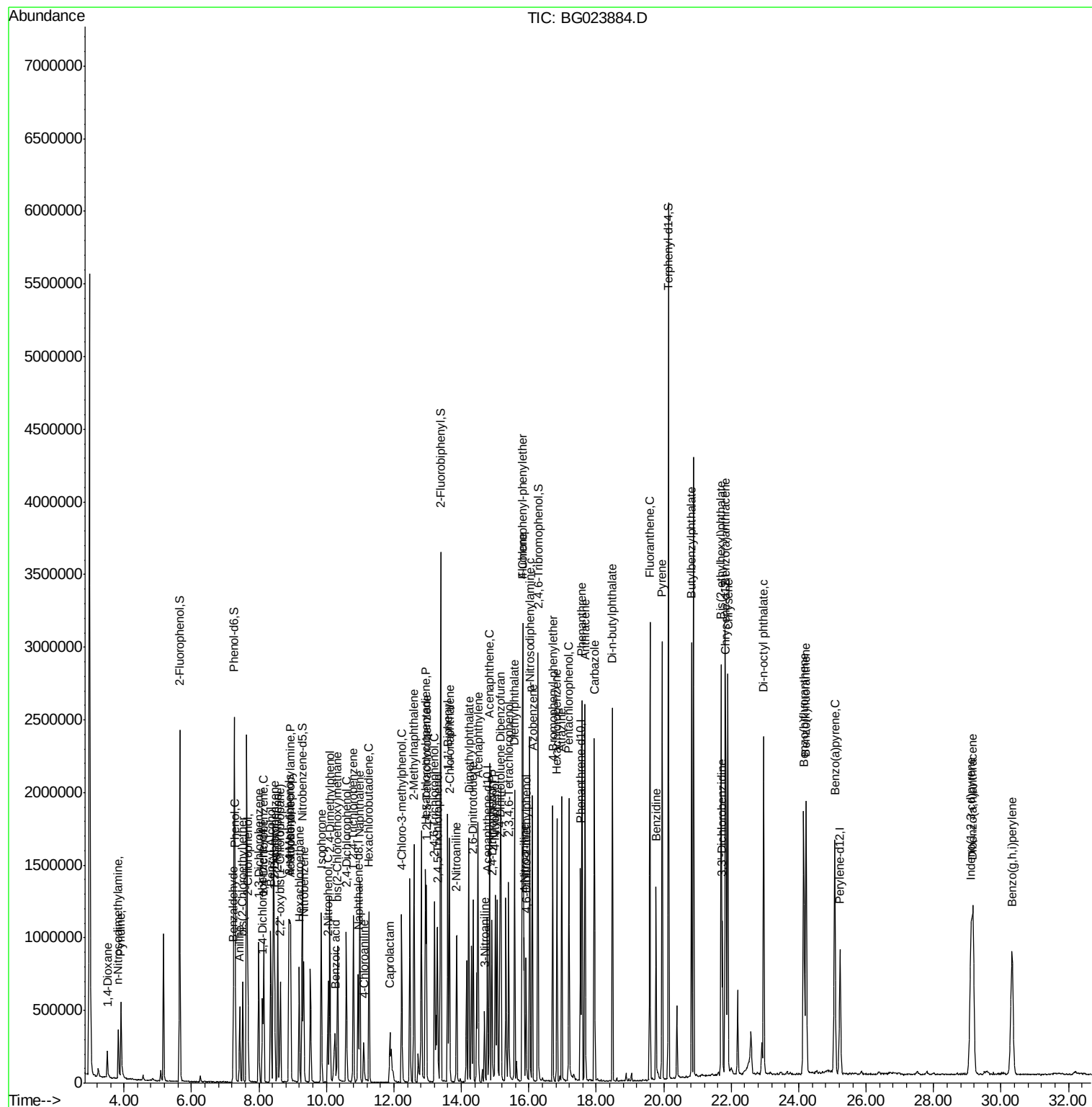
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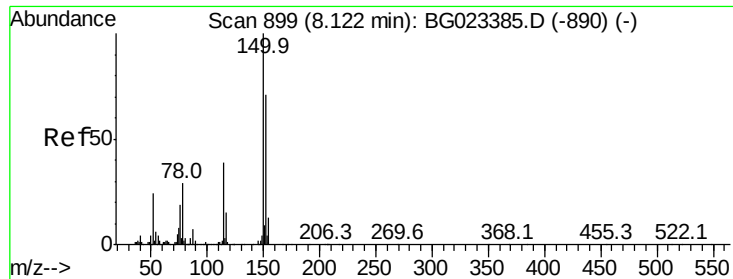
Instrument :
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#1

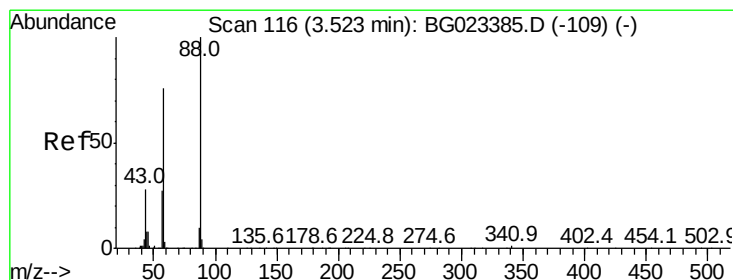
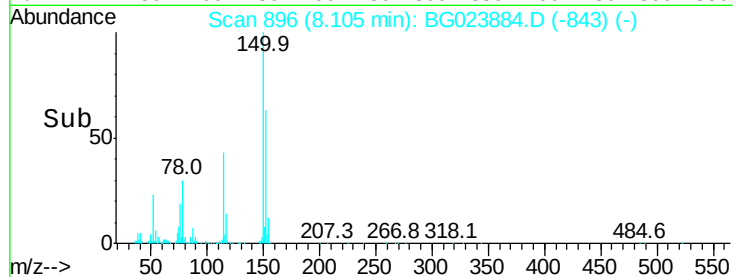
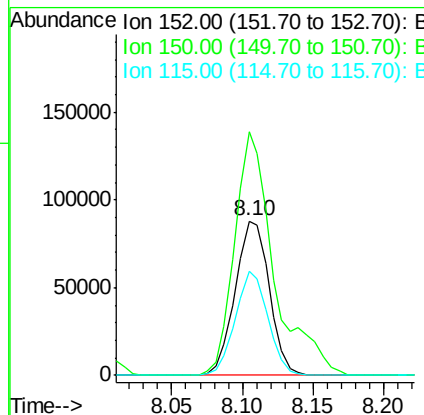
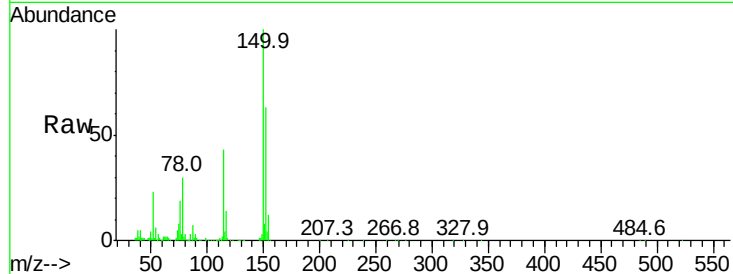
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	144.7	217.1
115	67.3	64.0	96.0

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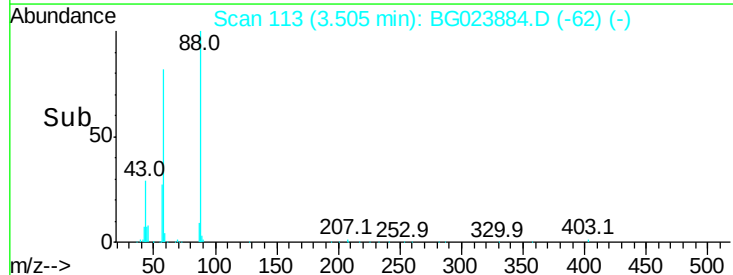
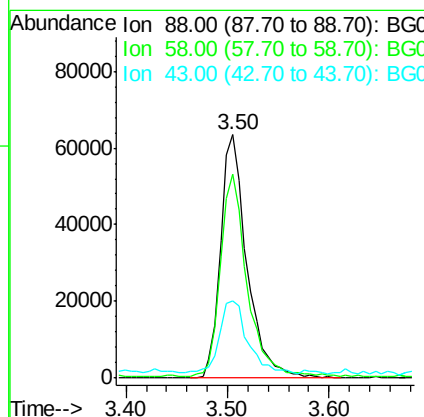
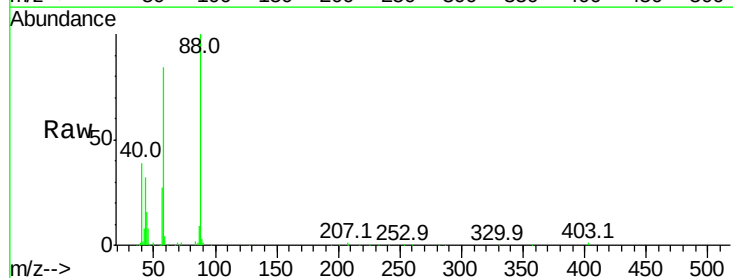
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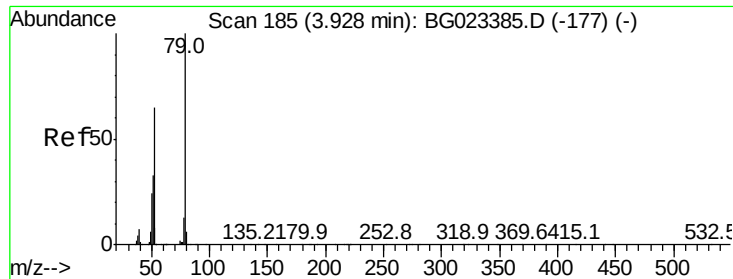


#2

1,4-Dioxane
Concen: 30.45 ng
RT: 3.50 min Scan# 113
Delta R.T. -0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	60.4	90.6
43	32.8	31.1	46.7





#3

Pvridine

Concen: 29.98 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

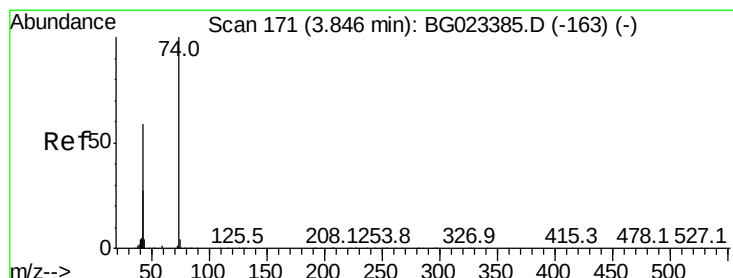
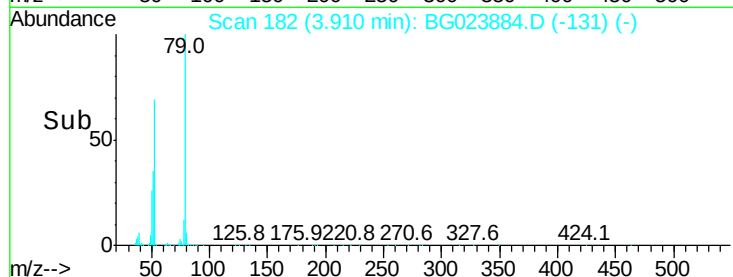
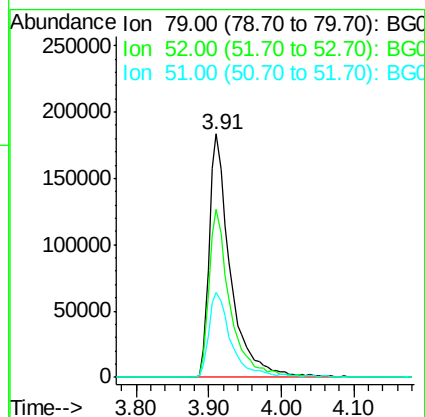
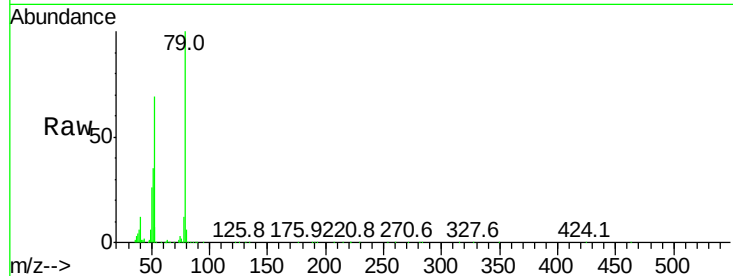
ClientSampleId :

PB93011BS

Tot Ion:	79	Resp:	370474
Ion Ratio	Lower	Upper	
79	100		
52	69.1	51.8	77.8
51	35.1	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 39.06 ng

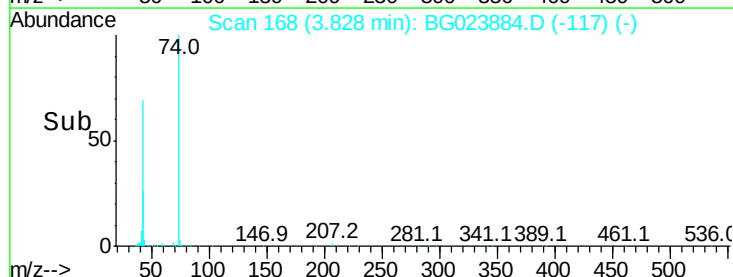
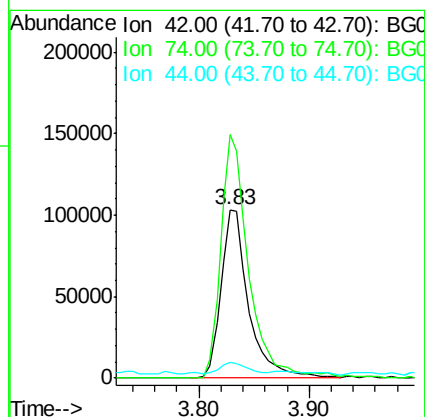
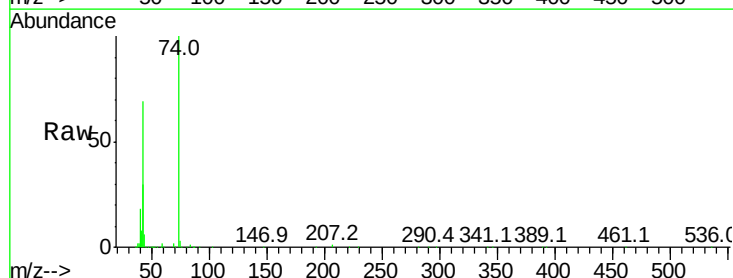
RT: 3.83 min Scan# 168

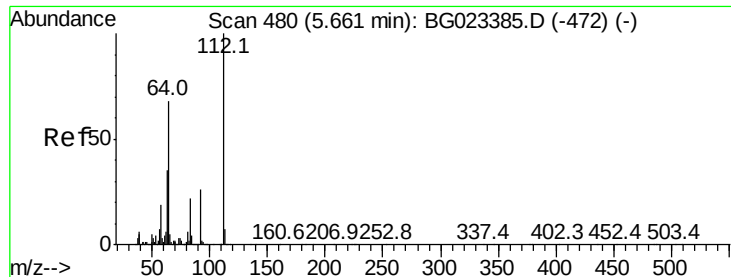
Delta R.T. -0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:	42	Resp:	178944
Ion Ratio	Lower	Upper	
42	100		
74	144.4	100.6	150.8
44	9.2	4.5	6.7#





#5

2-Fluorophenol

Concen: 115.34 ng

RT: 5.65 min Scan# 478

Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

ClientSampleId :

PB93011BS

Tot Ion:112 Resp: 1017948

Ion Ratio Lower Upper

112 100

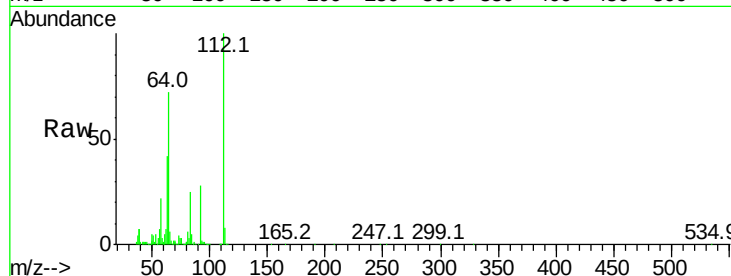
64 72.3 59.0 88.4

63 42.2 37.8 56.8

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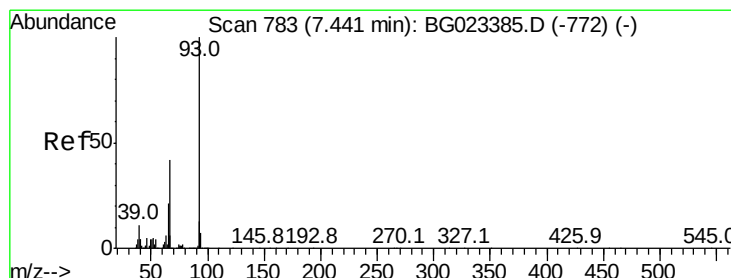
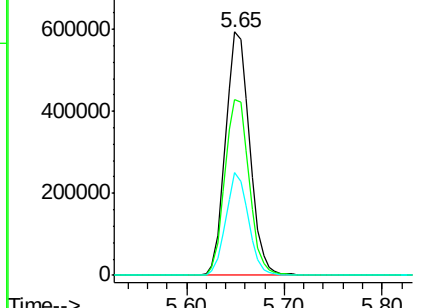
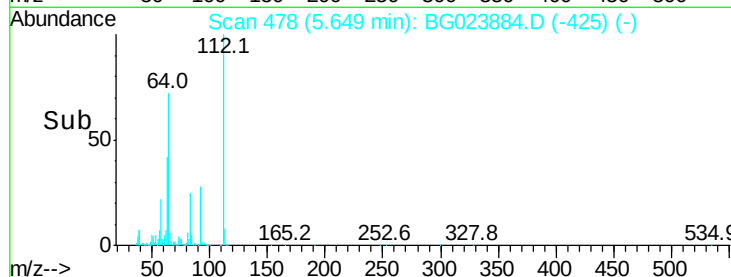
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.72 ng

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

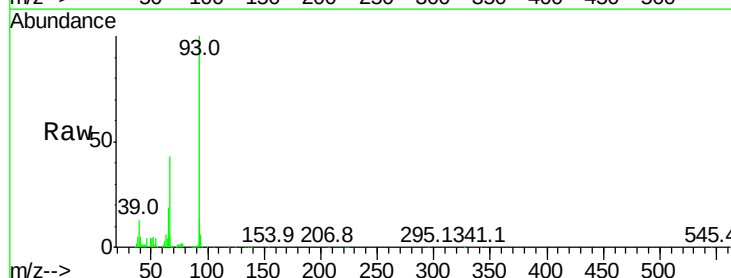
Tgt Ion: 93 Resp: 352011

Ion Ratio Lower Upper

93 100

66 42.5 37.5 56.3

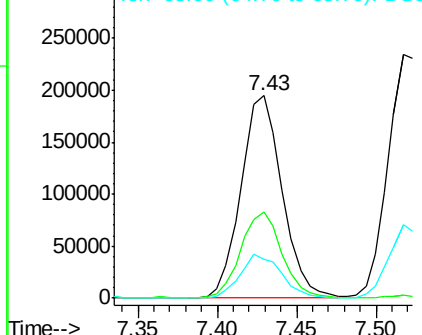
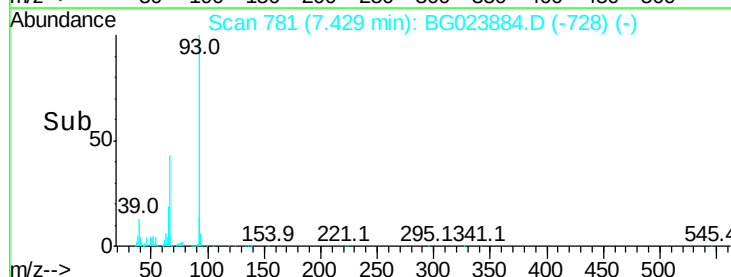
65 19.4 17.9 26.9

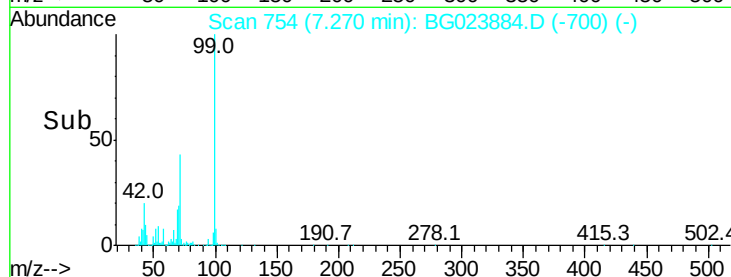
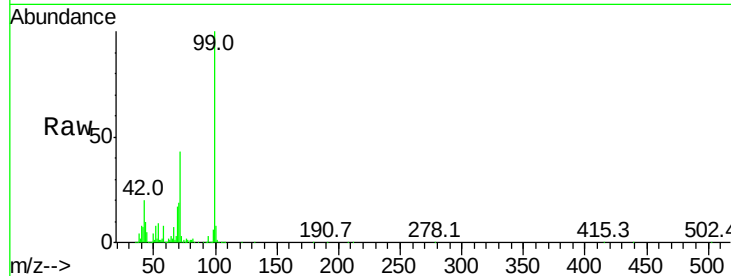
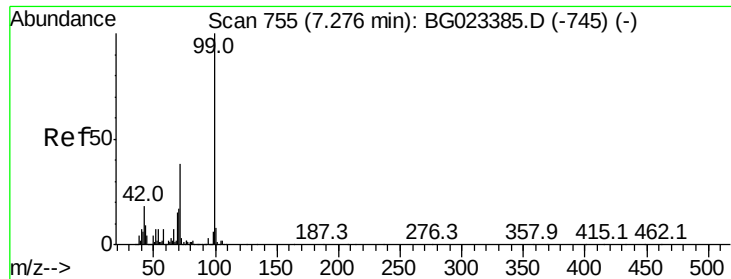


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.62 ng

RT: 7.27 min Scan# 754

Delta R.T. 0.02 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tot Ion:	99	Resp:	1424354
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	42.6	41.5	62.3

Instrument :

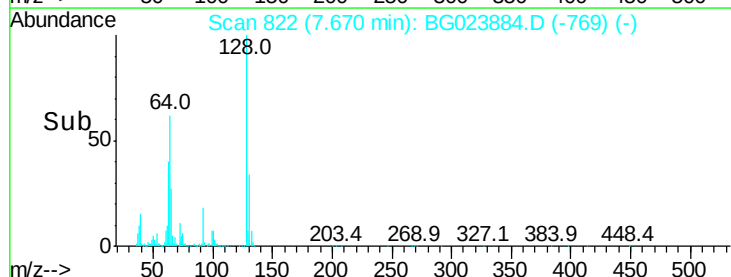
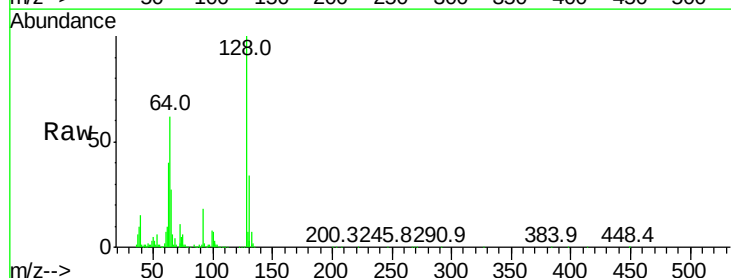
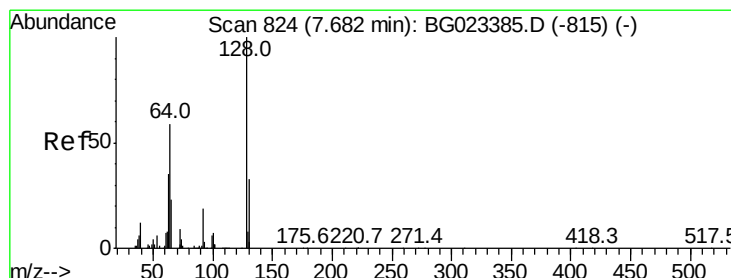
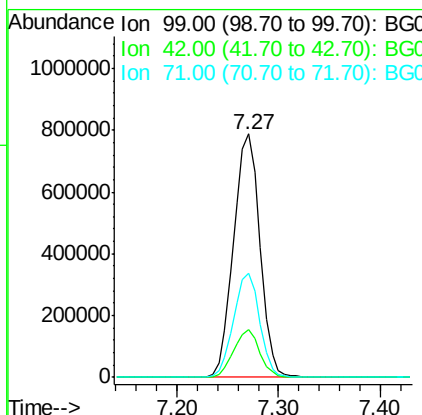
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ClientSampled :

PB93011BS

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#8

2-Chlorophenol

Concen: 36.36 ng

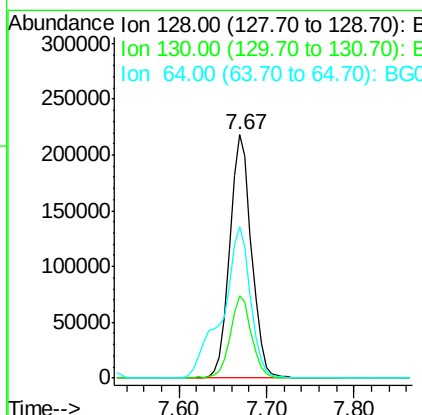
RT: 7.67 min Scan# 822

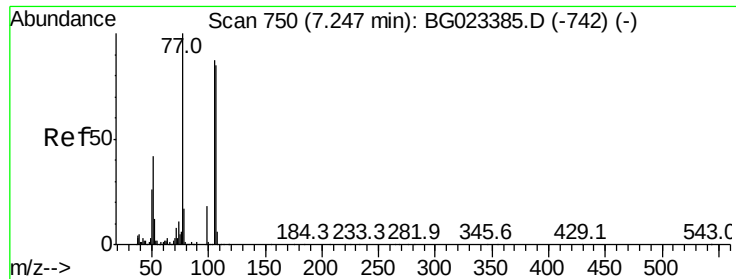
Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:	128	Resp:	368688
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.9	52.9
64	62.0	42.0	82.0





#9

Benzaldehyde

Concen: 10.21 ng

RT: 7.24 min Scan# 749

Delta R.T. 0.02 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

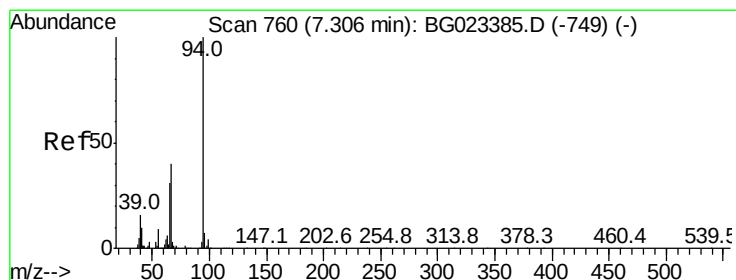
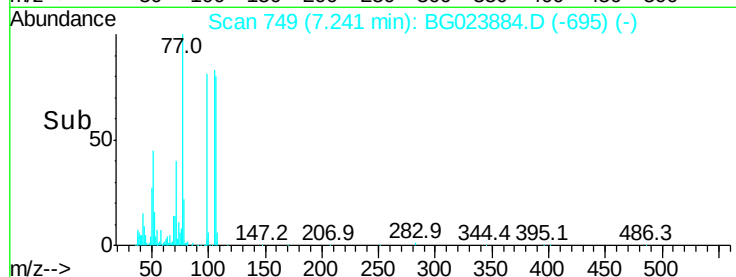
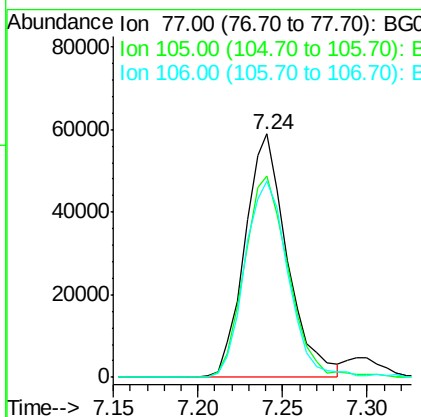
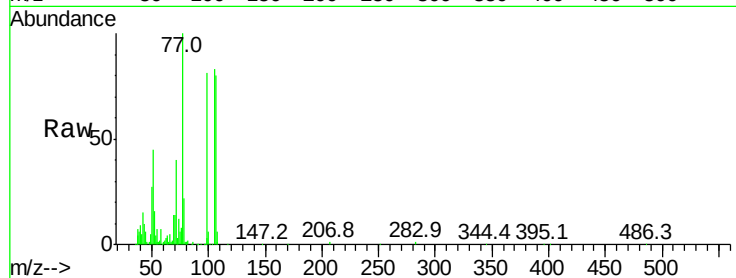
ClientSampleId :

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Tot Ion:	77	Resp:	102421
Ion Ratio	Lower	Upper	
77	100		
105	82.8	58.7	98.7
106	80.4	67.5	107.5

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#10

Phenol

Concen: 35.71 ng

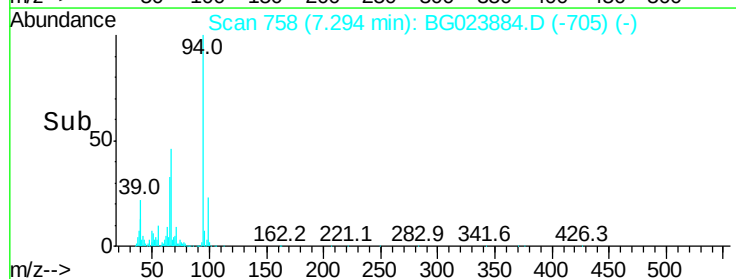
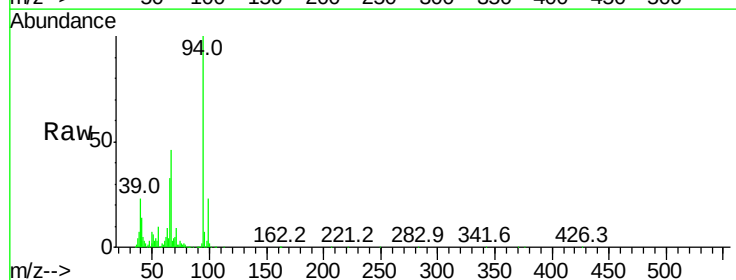
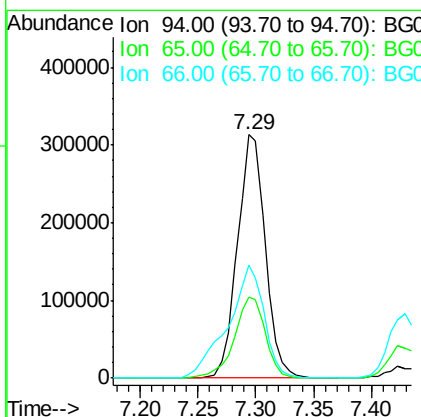
RT: 7.29 min Scan# 758

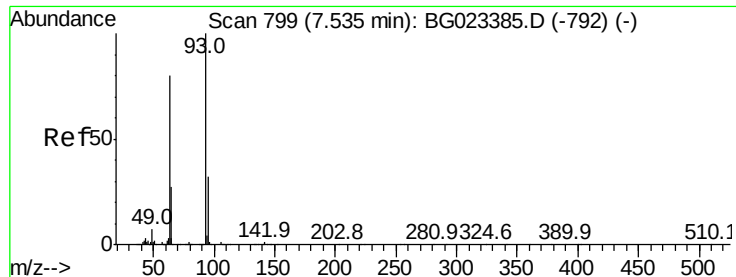
Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:	94	Resp:	525127
Ion Ratio	Lower	Upper	
94	100		
65	33.3	18.1	58.1
66	46.4	42.1	82.1





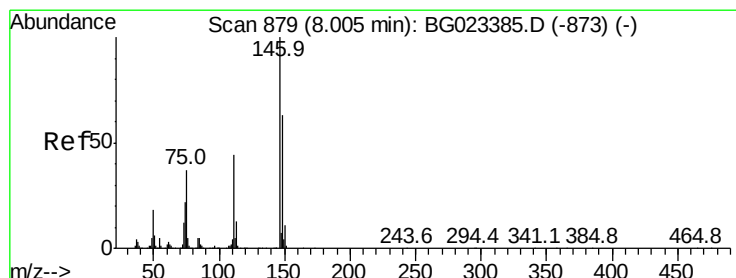
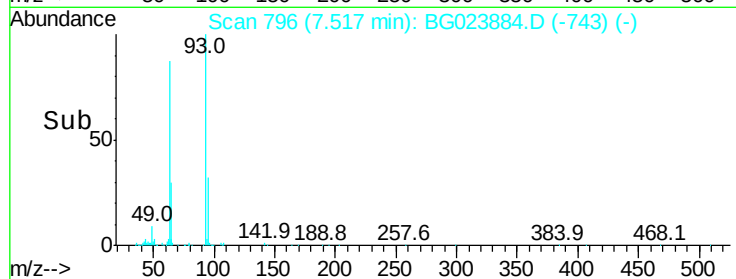
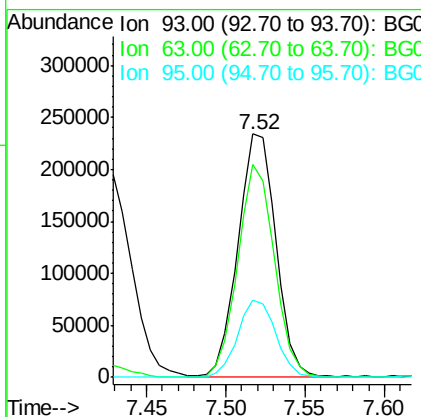
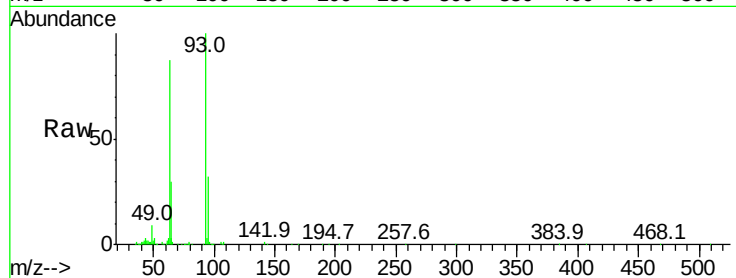
#11
bis(2-Chloroethyl)ether
Concen: 33.01 ng
RT: 7.52 min Scan# 796
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	55.0	95.0
95	31.7	11.0	51.0

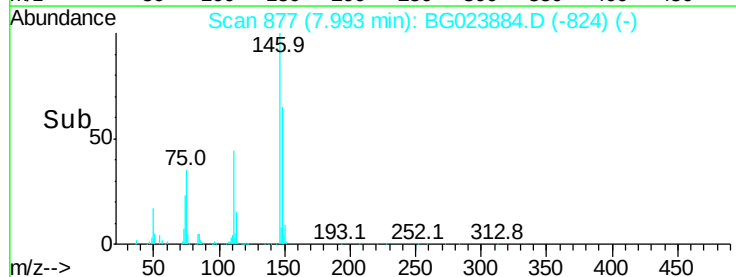
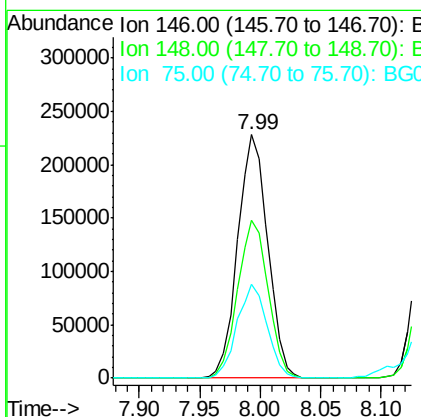
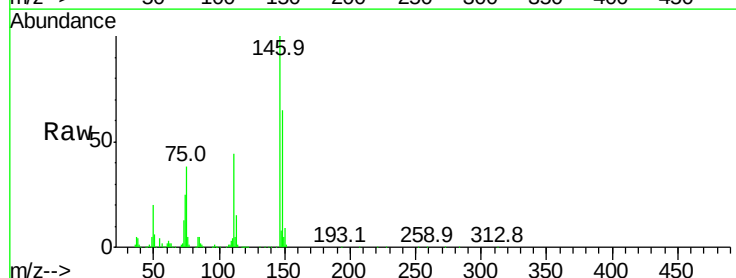
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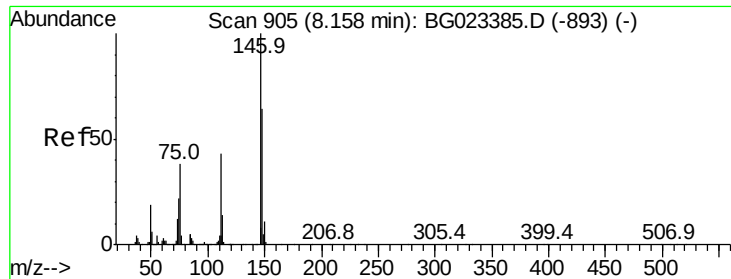
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#12
1,3-Dichlorobenzene
Concen: 34.21 ng
RT: 7.99 min Scan# 877
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
75	38.4	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 33.56 ng

RT: 8.15 min Scan# 903

Delta R.T. 0.02 min

Lab File: BG023884.D

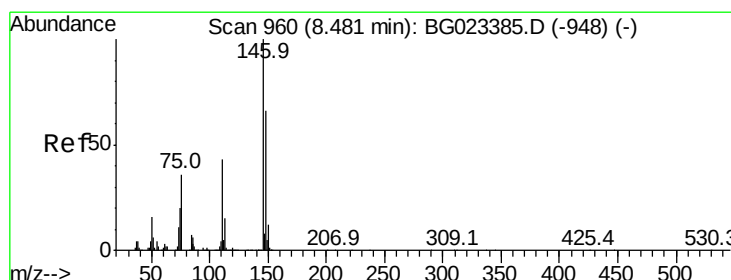
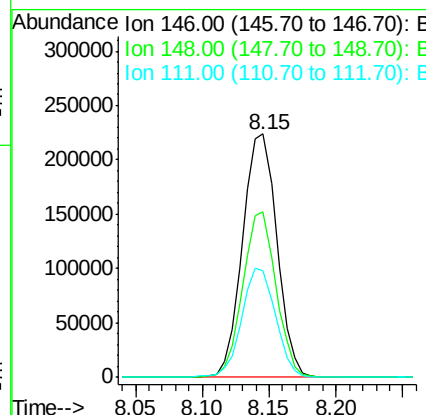
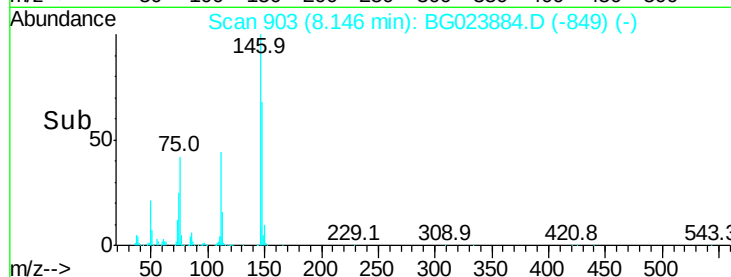
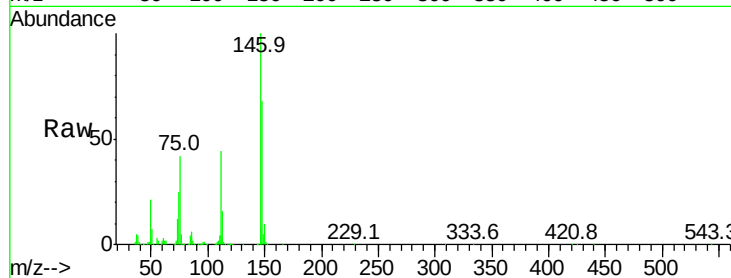
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.8	54.5	81.7
111	44.0	37.8	56.8

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#14

1,2-Dichlorobenzene

Concen: 33.23 ng

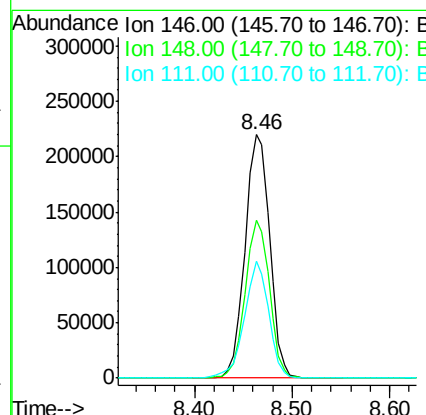
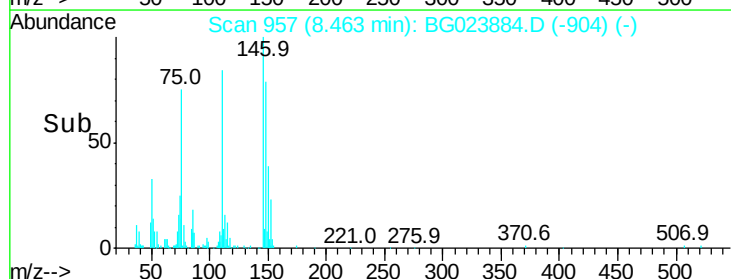
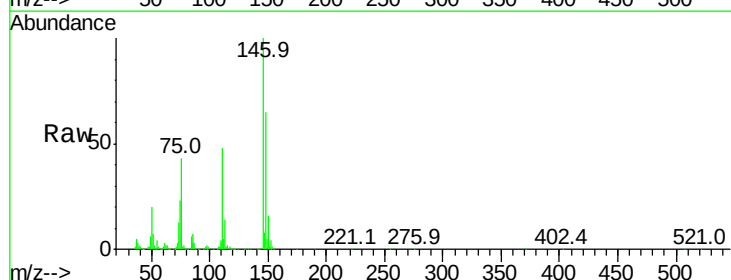
RT: 8.46 min Scan# 957

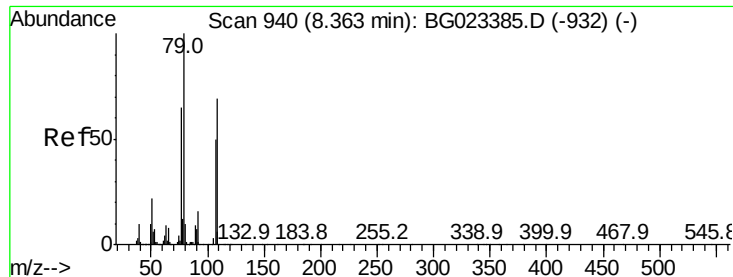
Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.9	79.3
111	48.1	43.5	65.3





#15

Benzyl Alcohol

Concen: 39.55 ng

RT: 8.35 min Scan# 938

Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

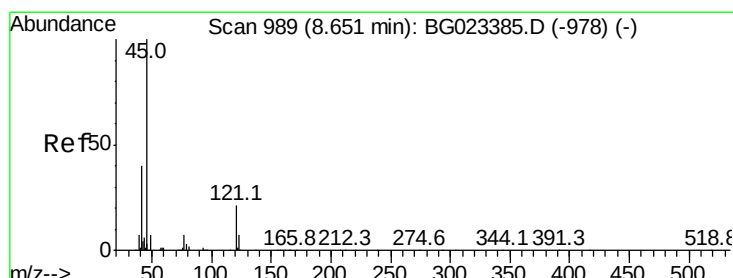
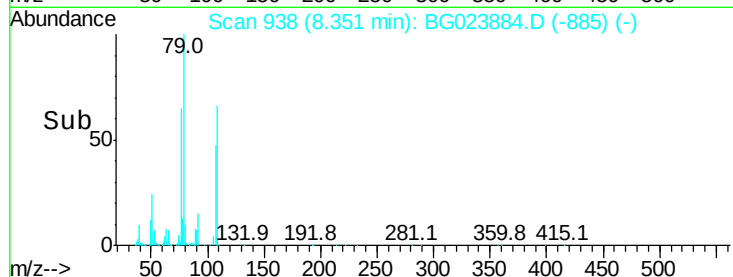
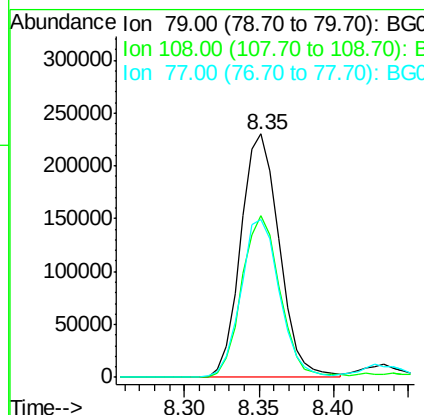
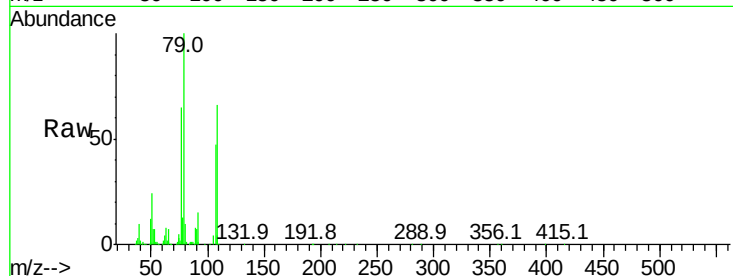
ClientSampleId :

PB93011BS

Tot Ion:	79	Resp:	411923
Ion Ratio	Lower	Upper	
79	100		
108	66.3	46.5	69.7
77	65.0	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.96 ng

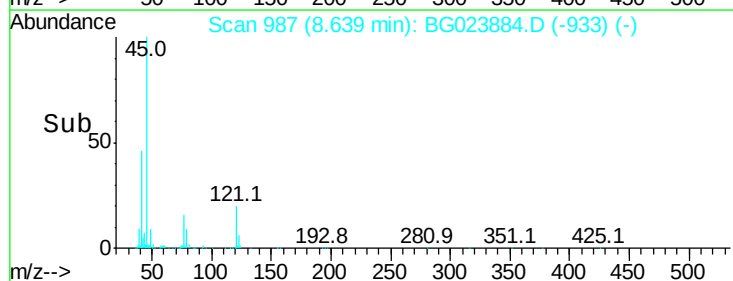
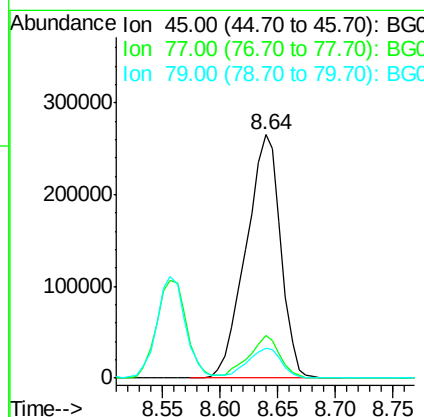
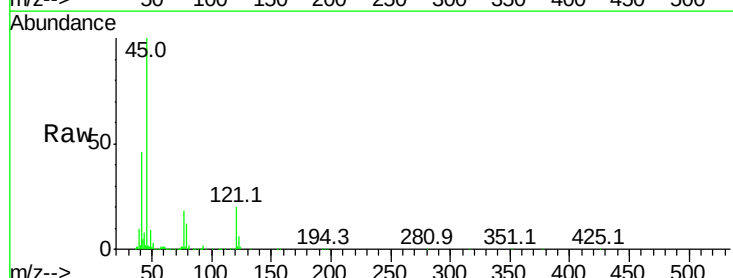
RT: 8.64 min Scan# 987

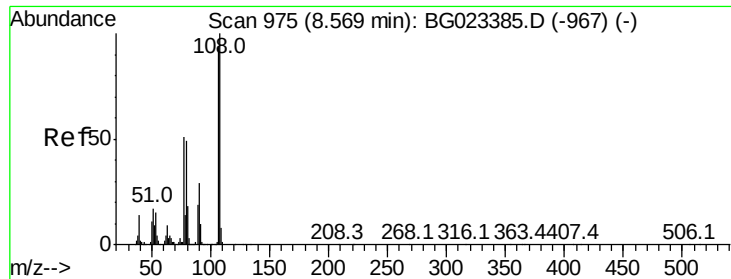
Delta R.T. 0.02 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:	45	Resp:	551385
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.6	40.6
79	12.1	0.0	36.2





#17

2-Methylphenol

Concen: 34.36 ng

RT: 8.56 min Scan# 973

Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

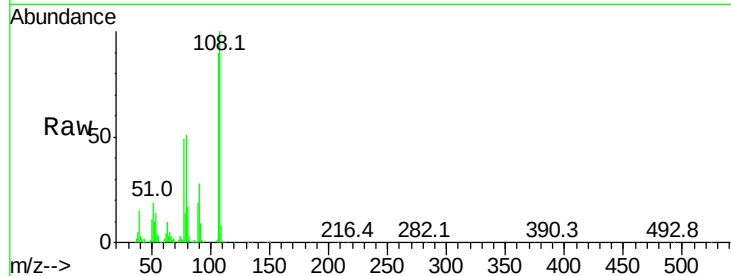
ClientSampleId :

PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	92.0	138.0	
77	54.6	55.8	83.6	
79	56.3	55.0	82.6	

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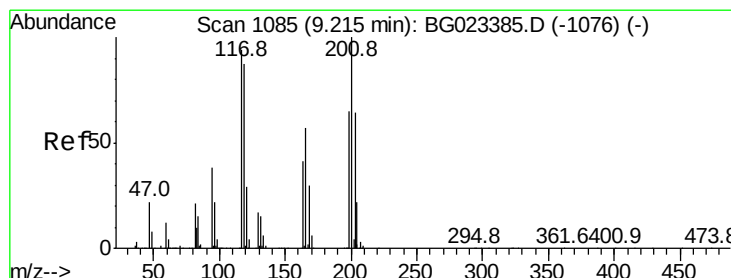
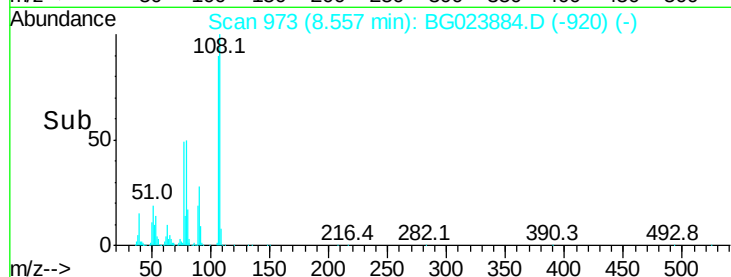
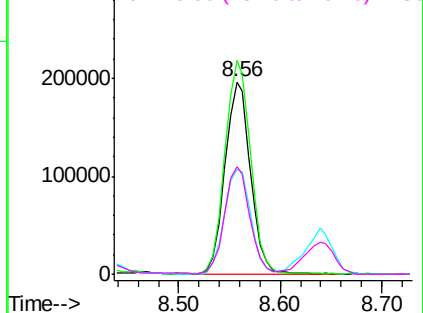
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.51 ng

RT: 9.20 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

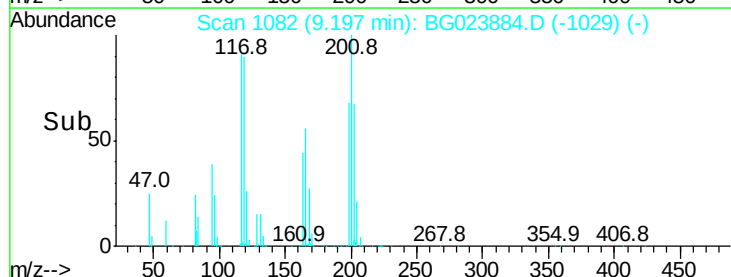
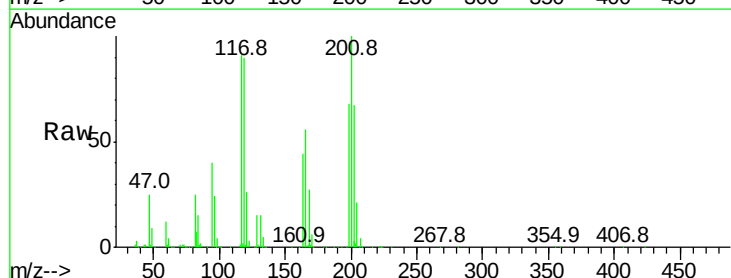
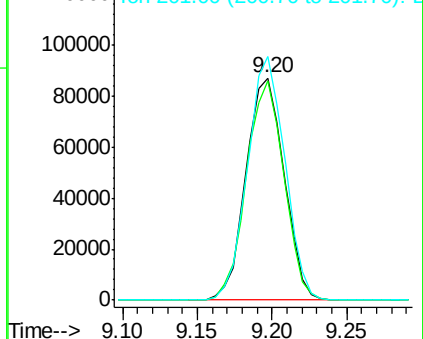
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	73.7	110.5	
201	109.6	88.7	133.1	

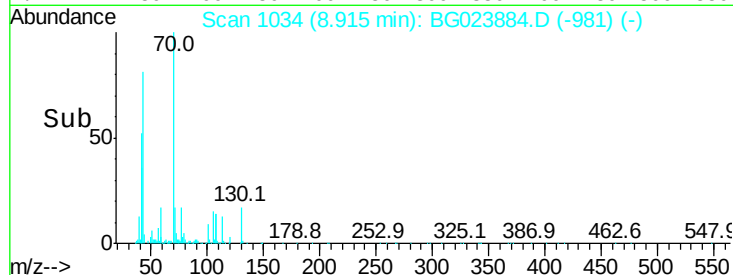
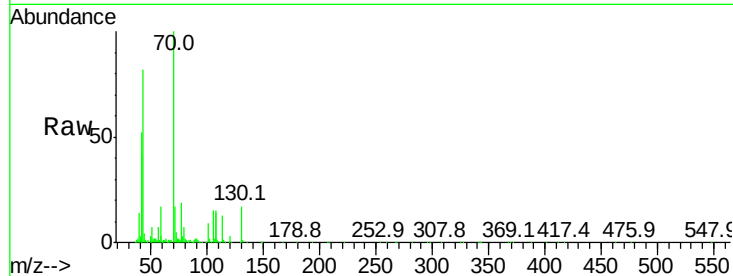
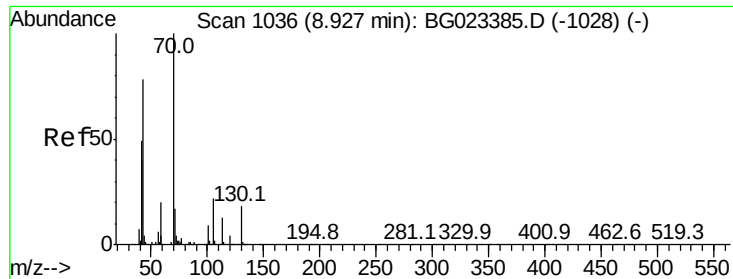
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





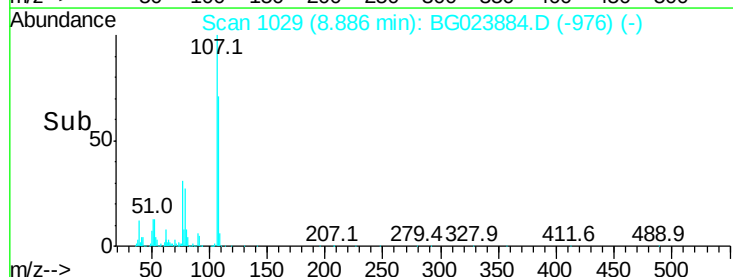
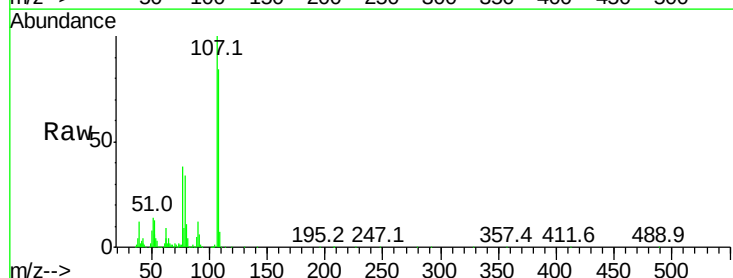
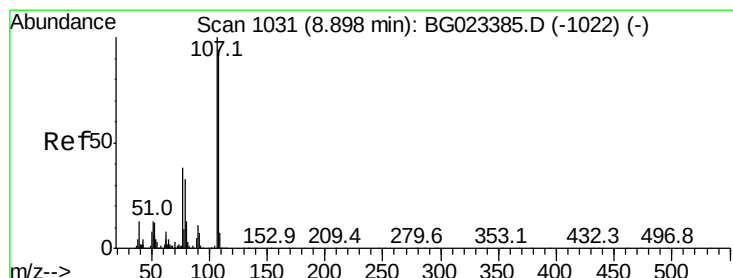
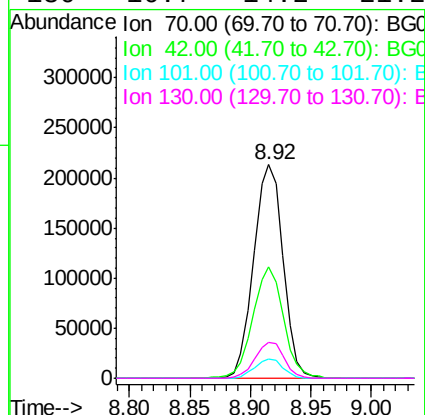
#19
n-Nitroso-di-n-propylamine
Concen: 30.69 ng
RT: 8.92 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	42.1	63.1	
101	9.1	7.2	10.8	
130	16.7	14.2	21.2	

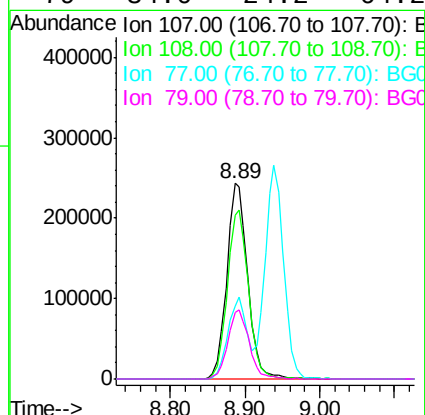
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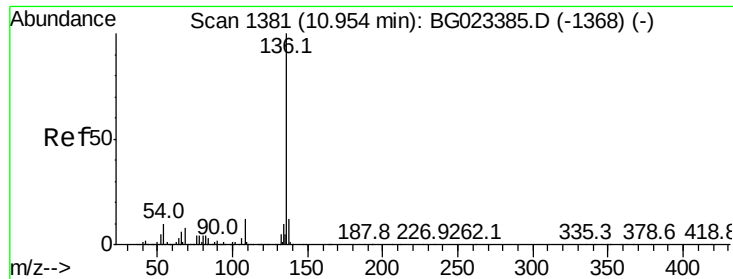
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#20
3+4-Methylphenols
Concen: 34.05 ng
RT: 8.89 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.7	72.5	112.5	
77	37.6	30.1	70.1	
79	34.0	24.2	64.2	





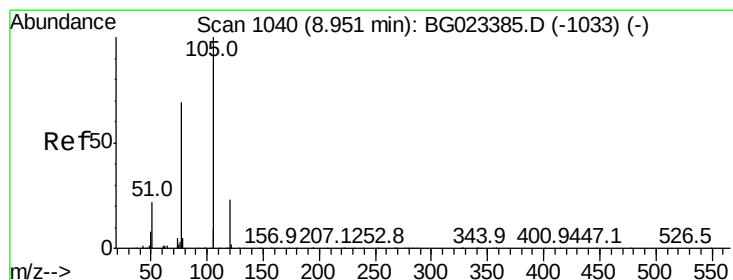
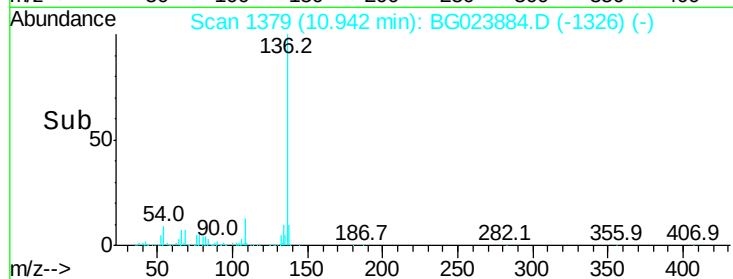
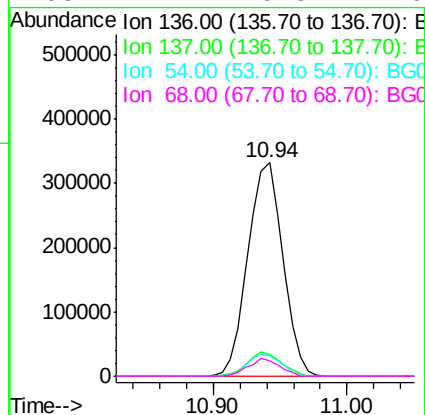
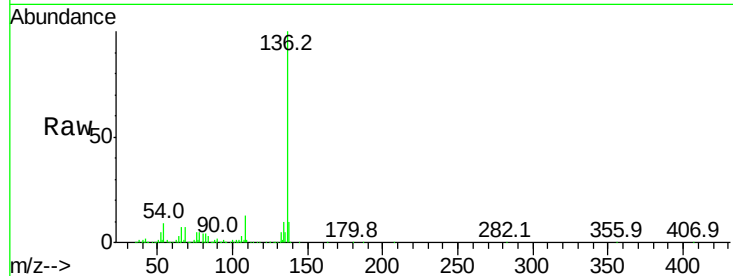
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampled :
PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.6	14.4	
54	9.5	7.3	10.9	
68	7.4	5.3	7.9	

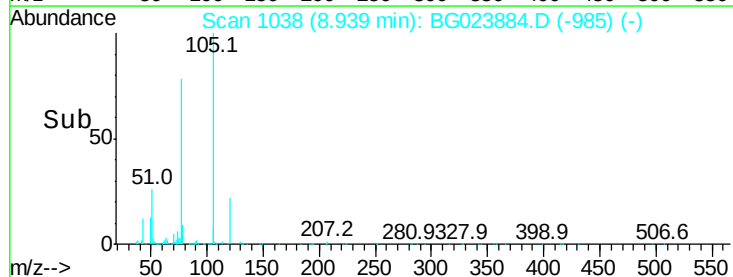
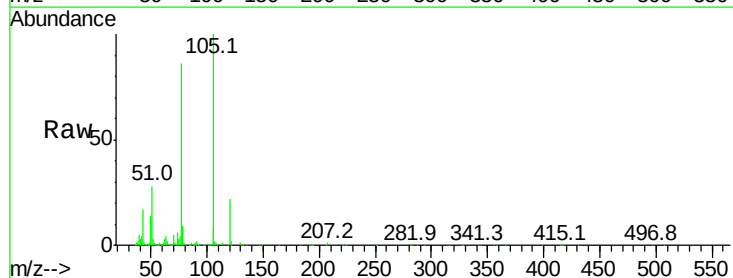
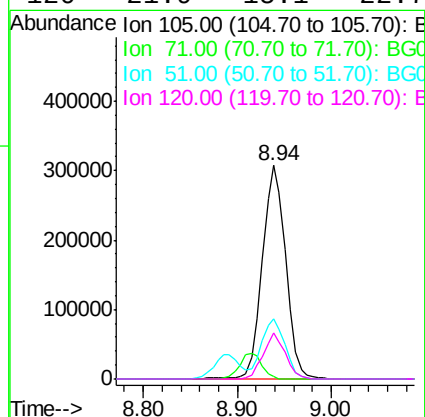
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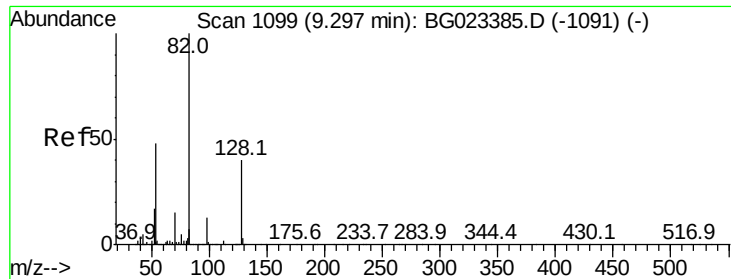
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#22
Acetophenone
Concen: 32.11 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	2.6	3.8#	
51	27.9	27.1	40.7	
120	21.9	15.1	22.7	





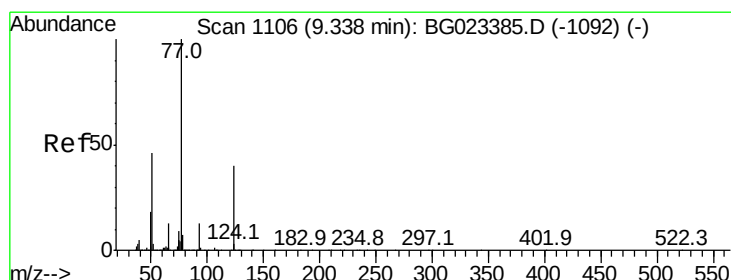
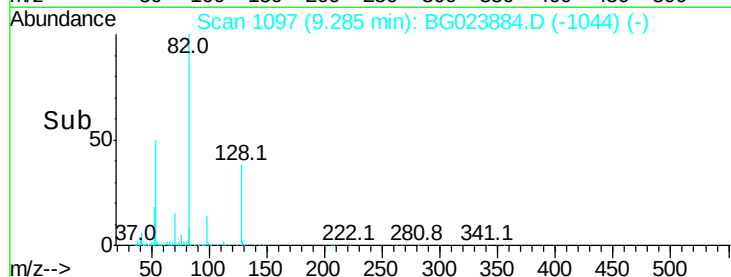
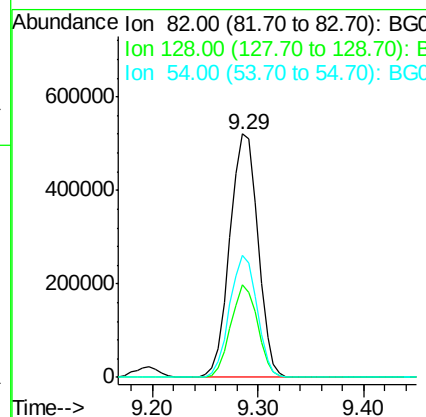
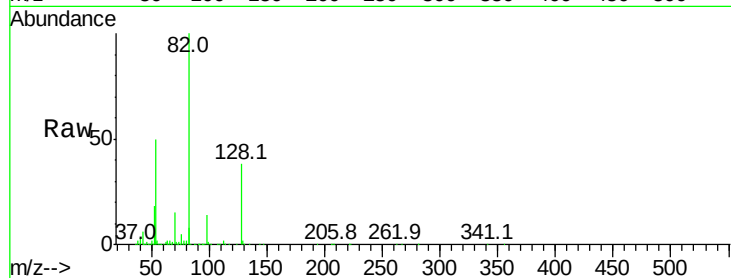
#23
 Nitrobenzene-d5
 Concen: 79.20 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	24.4	36.6#
54	50.2	41.4	62.0

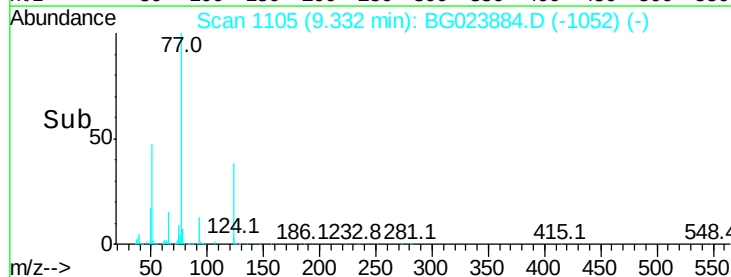
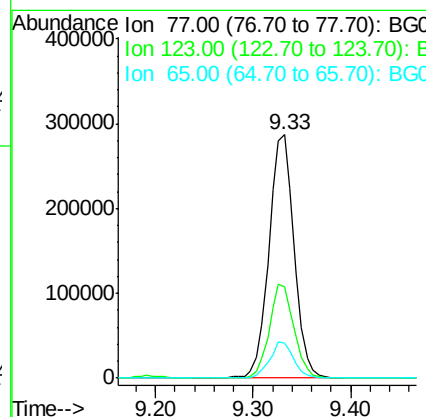
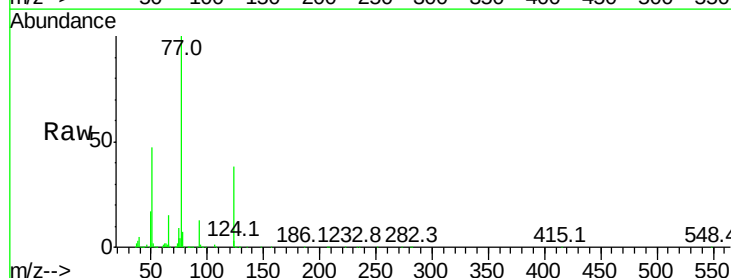
Manual Integrations
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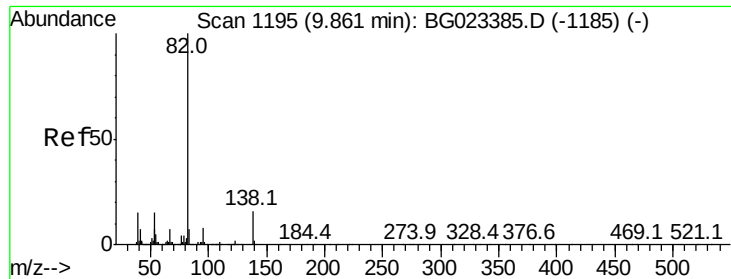
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#24
 Nitrobenzene
 Concen: 38.71 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.6	25.0	37.6#
65	14.6	13.4	20.0





#25

Isophorone

Concen: 36.10 ng

RT: 9.85 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

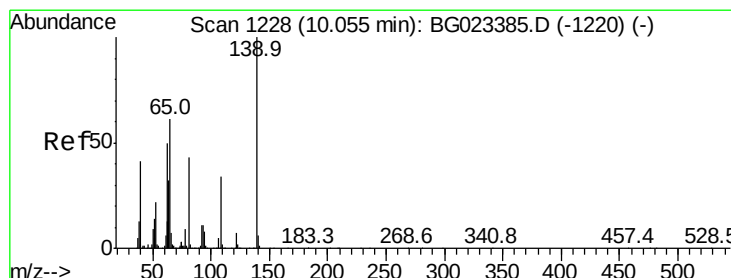
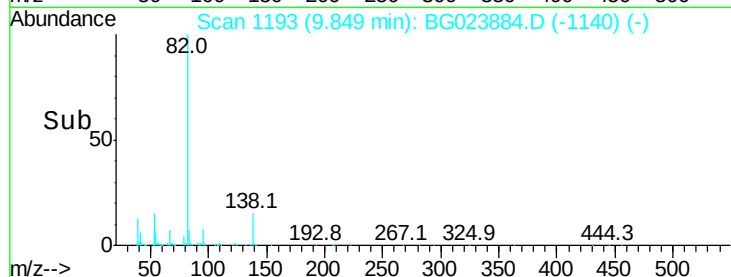
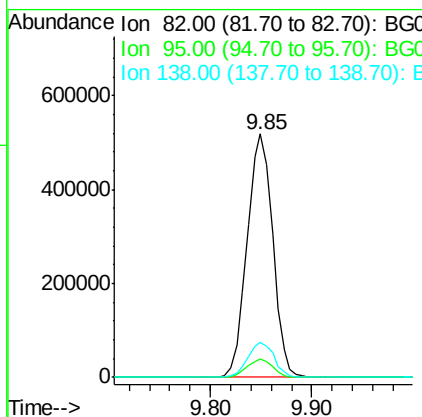
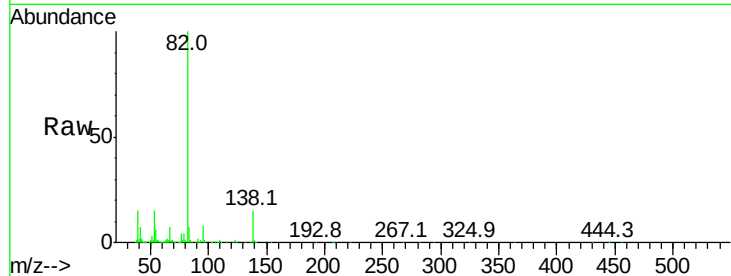
ClientSampleId :

PB93011BS

Tot Ion	82	Resp	909707
Ion Ratio	Lower	Upper	
82	100		
95	7.7	8.2	12.2#
138	14.5	10.7	16.1

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#26

2-Nitrophenol

Concen: 38.04 ng

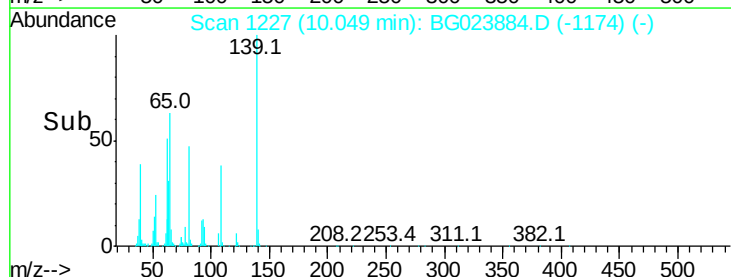
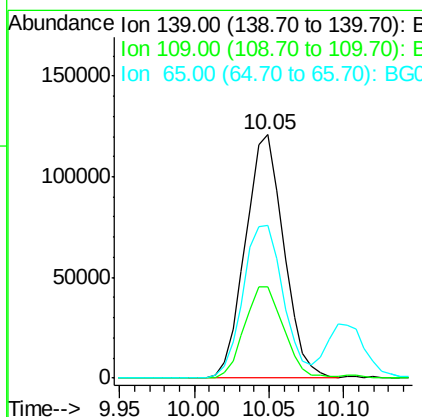
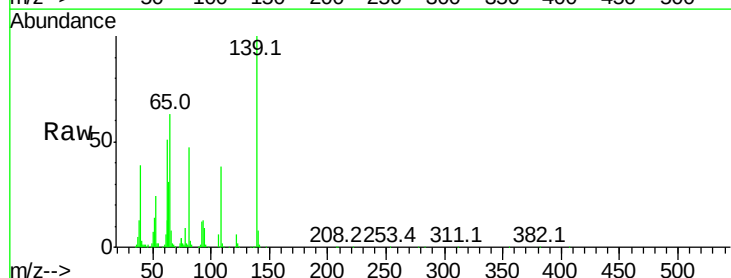
RT: 10.05 min Scan# 1227

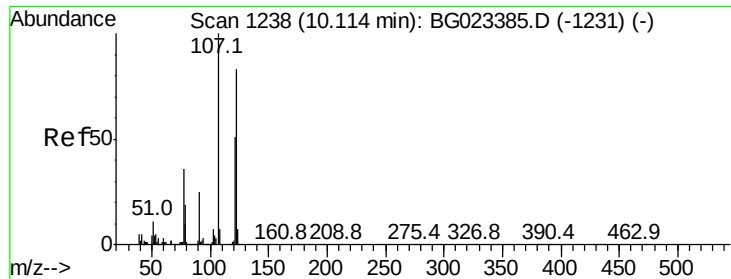
Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion	139	Resp	215096
Ion Ratio	Lower	Upper	
139	100		
109	37.7	43.5	65.3#
65	62.9	64.3	96.5#





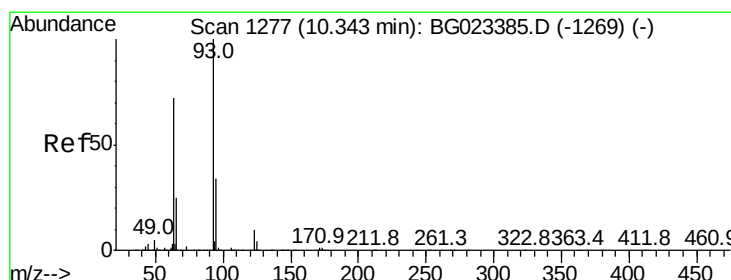
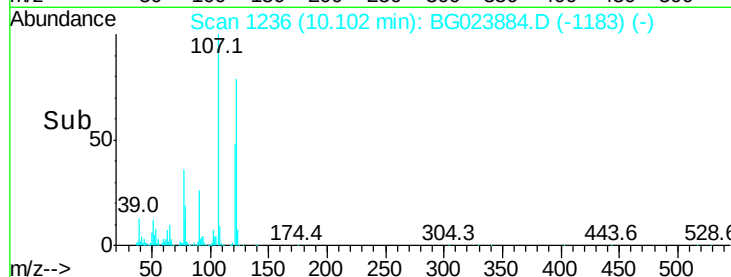
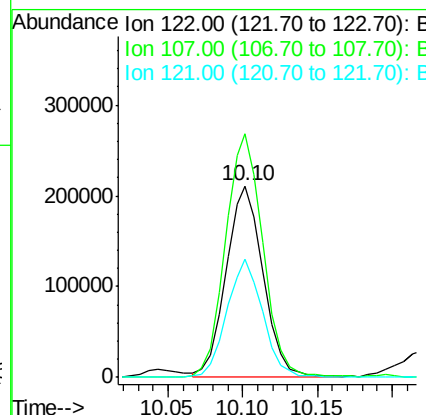
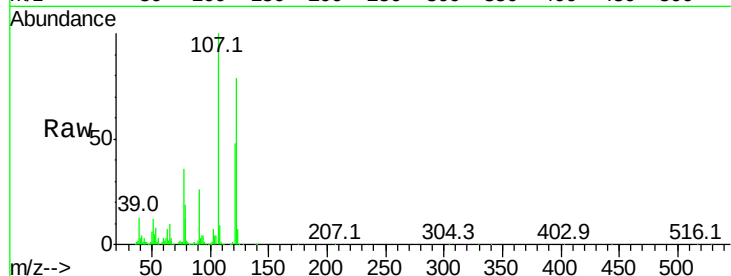
#27
2,4-Dimethylphenol
Concen: 37.51 ng
RT: 10.10 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.0	117.0	175.4
121	61.4	50.1	75.1

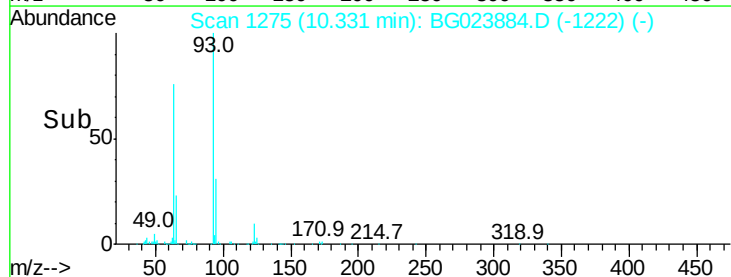
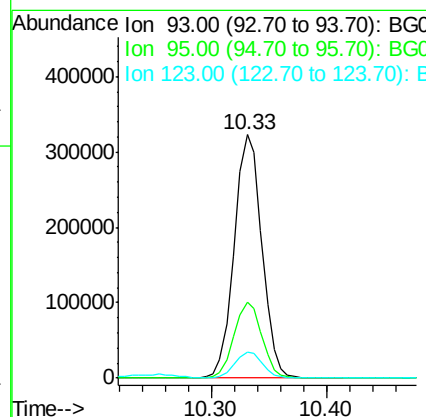
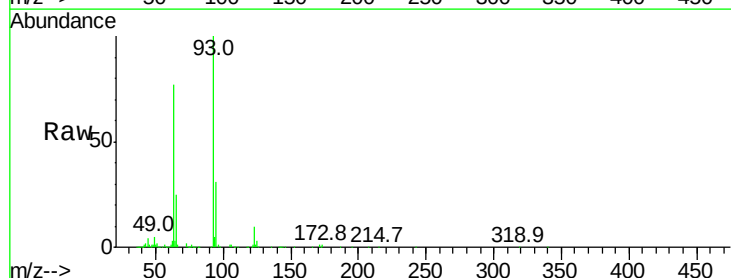
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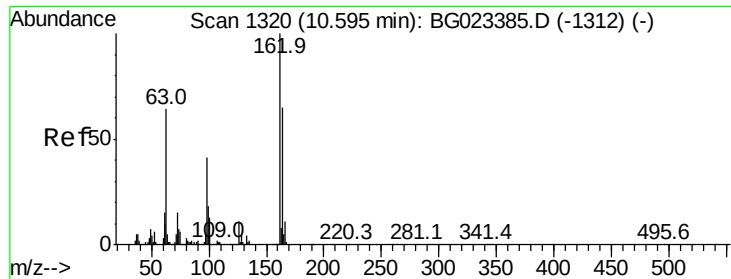
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#28
bis(2-Chloroethoxy)methane
Concen: 35.23 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.4	38.2
123	10.4	8.2	12.2





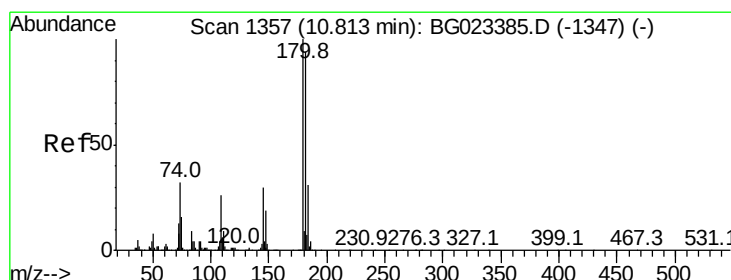
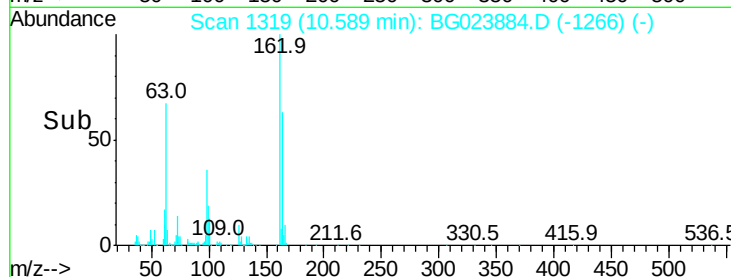
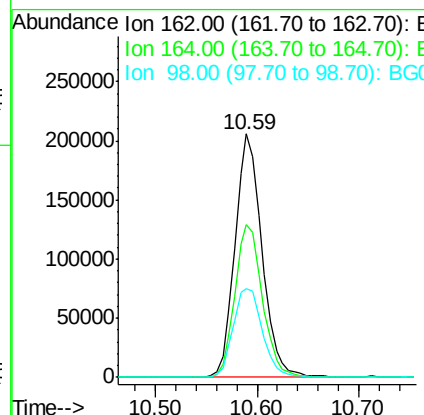
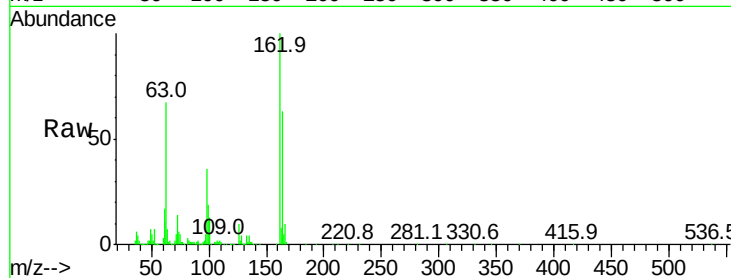
#29
2,4-Dichlorophenol
Concen: 39.23 ng
RT: 10.59 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampled :
PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	379777		
164	62.8		44.3	84.3
98	36.3		19.5	59.5

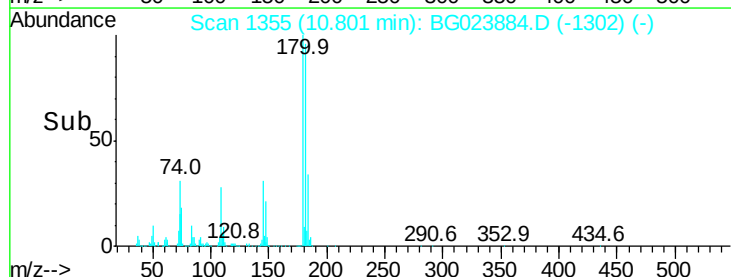
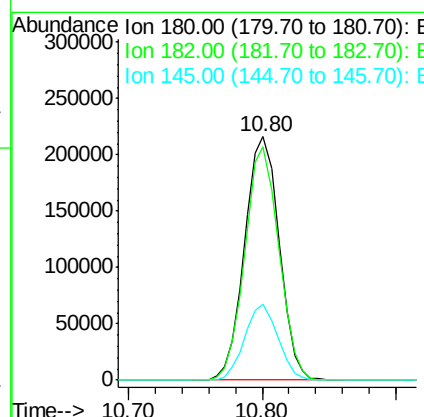
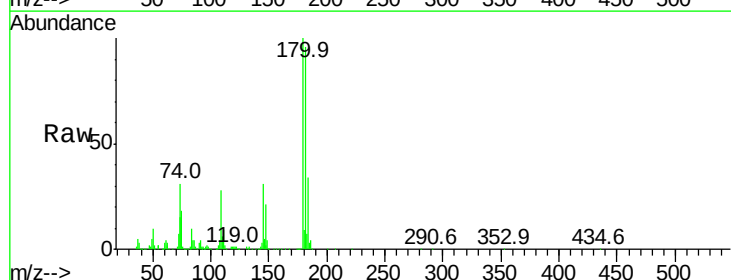
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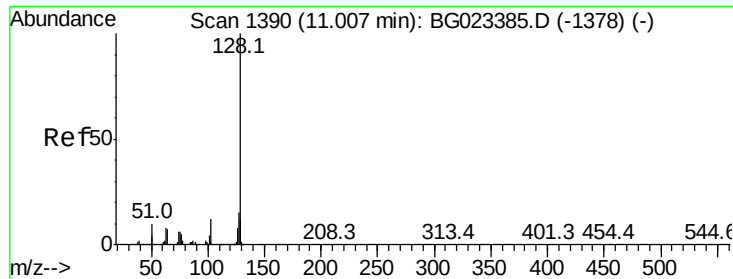
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#30
1,2,4-Trichlorobenzene
Concen: 37.00 ng
RT: 10.80 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	386298		
182	95.7		73.8	110.8
145	31.0		24.4	36.6





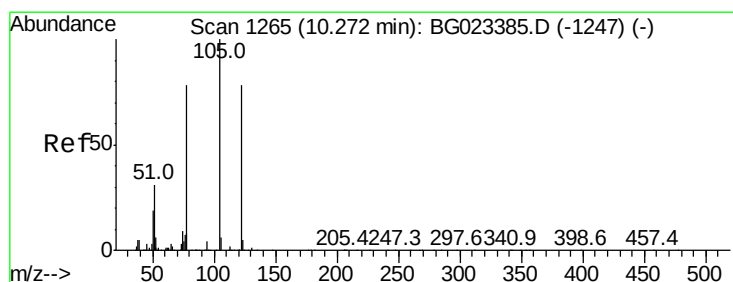
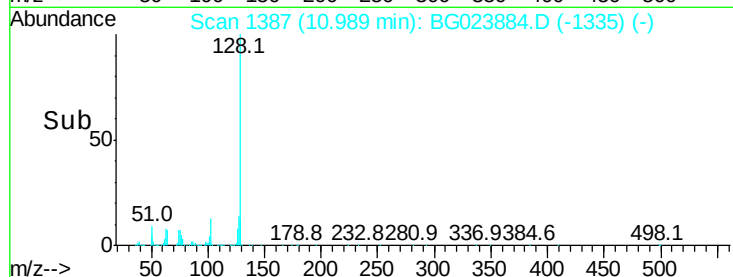
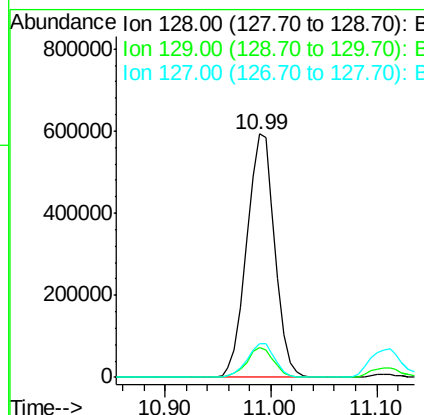
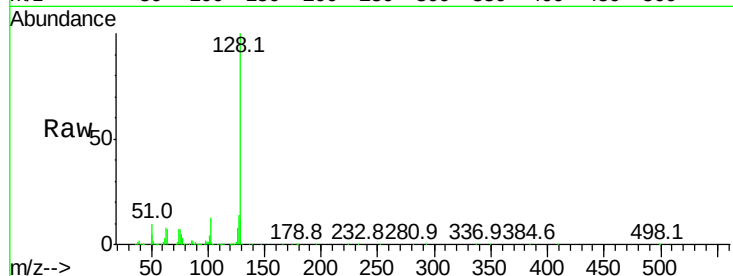
#31
Naphthalene
Concen: 35.60 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.4	14.0
127	14.0	11.3	16.9

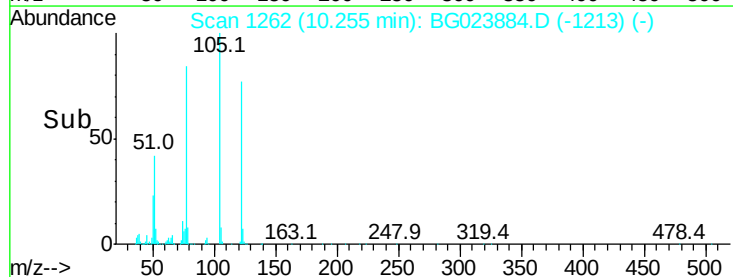
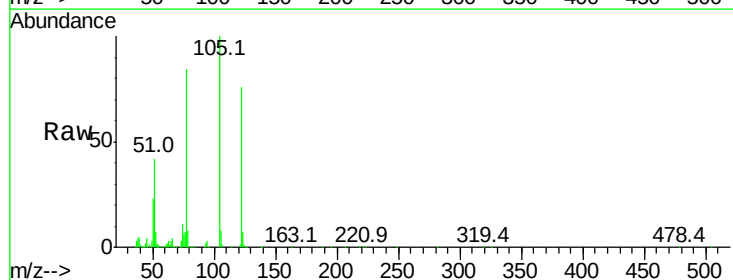
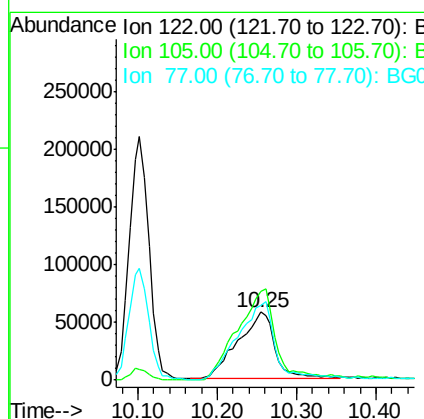
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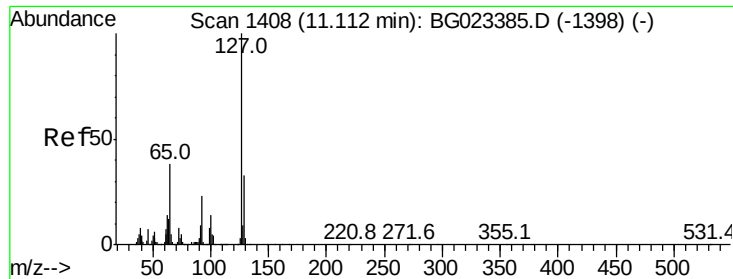
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#32
Benzoic acid
Concen: 25.15 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	117.2	157.2
77	109.9	109.2	149.2





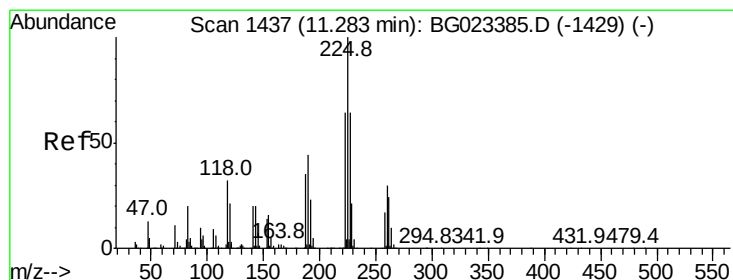
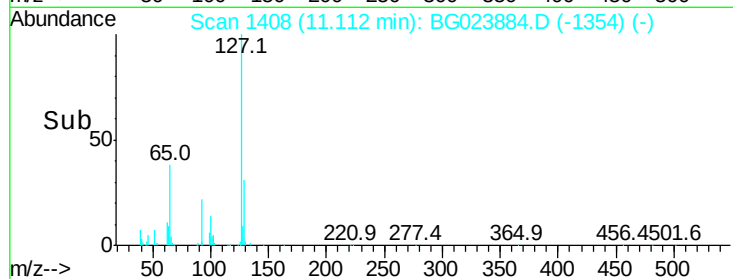
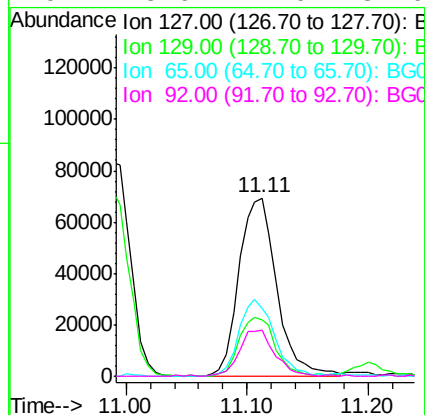
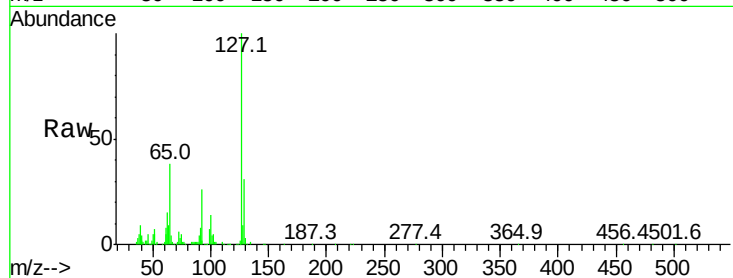
#33
4-Chloroaniline
Concen: 10.33 ng
RT: 11.11 min Scan# 1408
Delta R.T. 0.02 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	27.9	41.9	
65	38.3	36.8	55.2	
92	25.6	21.0	31.6	

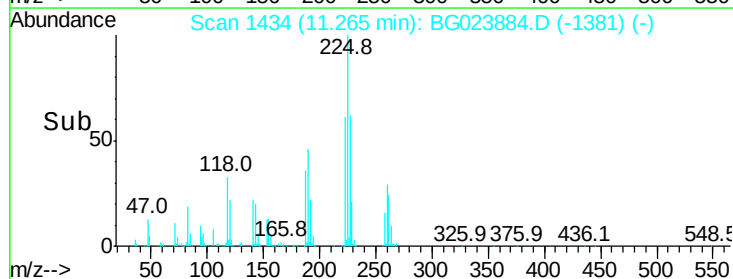
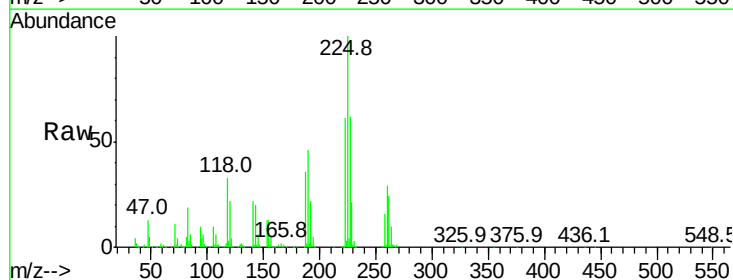
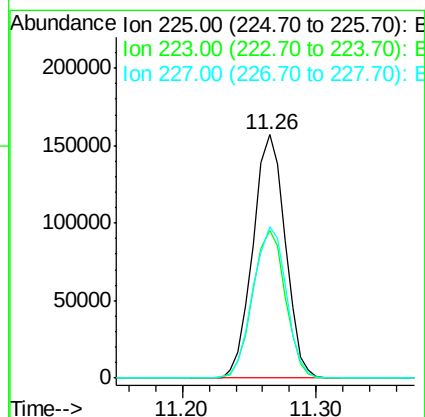
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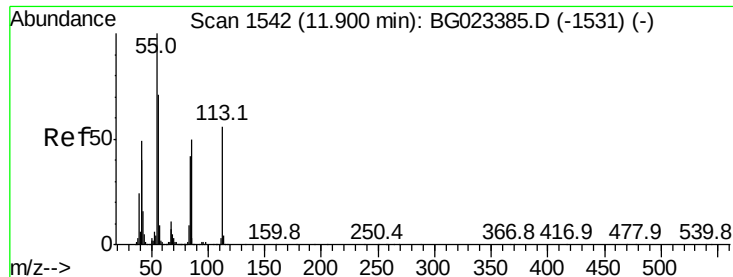
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#34
Hexachlorobutadiene
Concen: 38.15 ng
RT: 11.26 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.6	49.6	74.4	
227	62.4	54.5	81.7	





#35

Caprolactam

Concen: 30.60 ng/ml

RT: 11.89 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

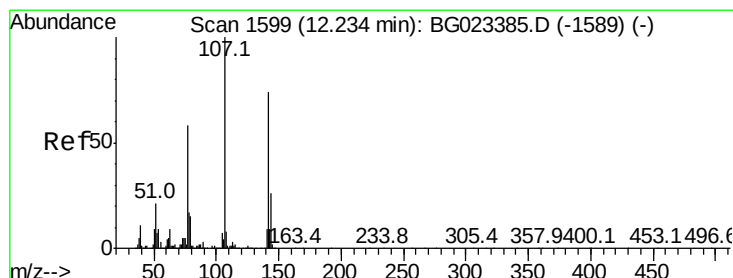
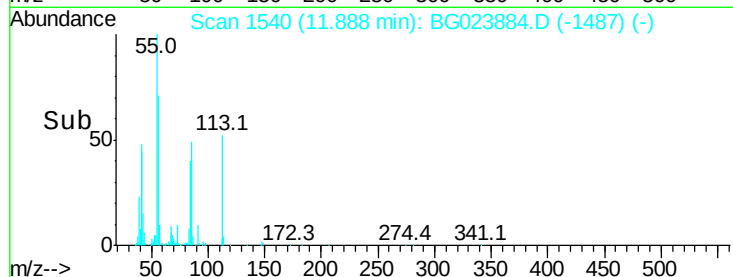
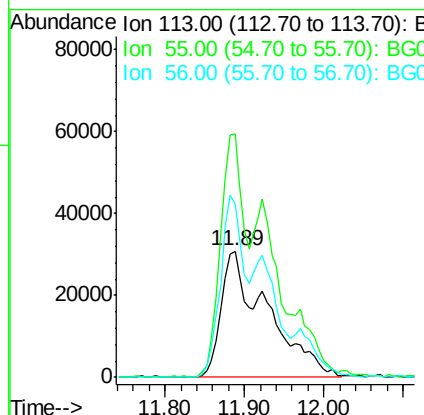
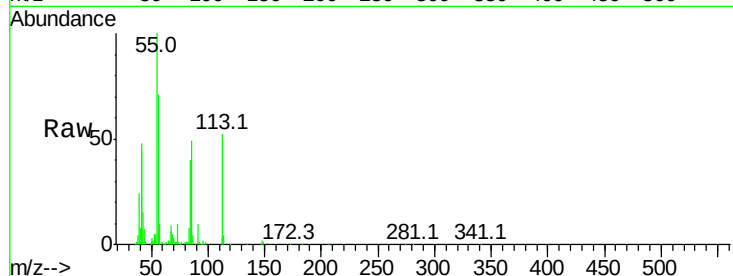
ClientSampleId :

PB93011BS

Tot Ion:	113	Resp:	124644
Ion Ratio	Lower	Upper	
113	100		
55	193.0	154.5	194.5
56	137.8	125.1	165.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 33.65 ng/ml

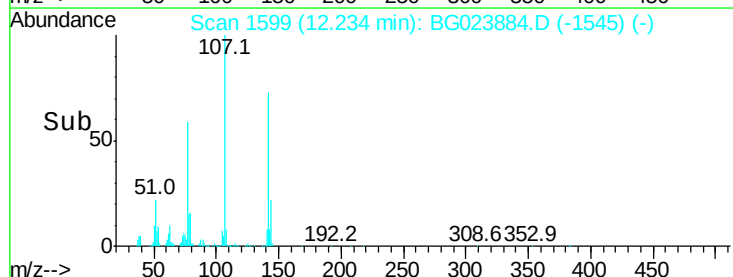
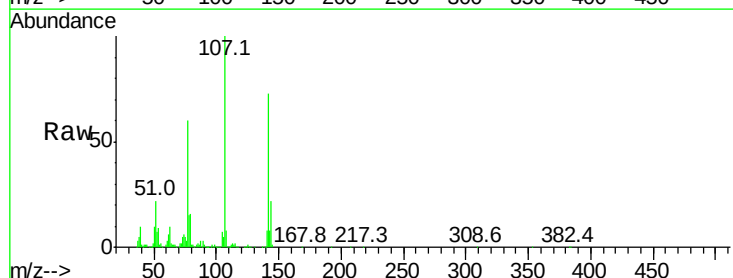
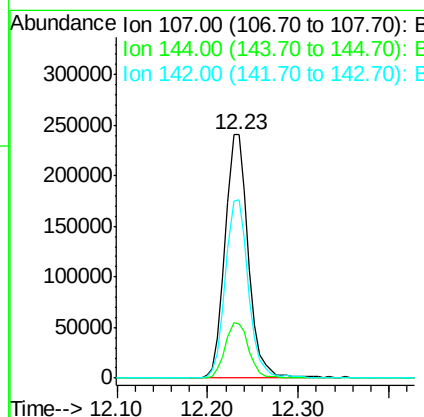
RT: 12.23 min Scan# 1599

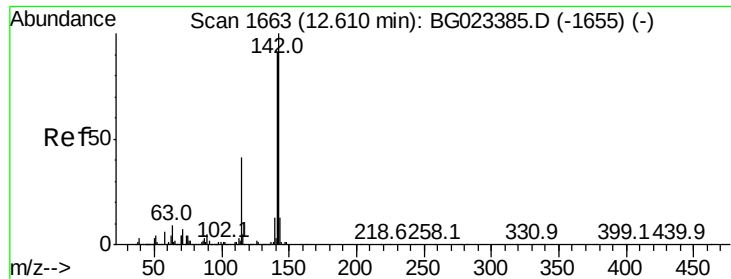
Delta R.T. 0.02 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:	107	Resp:	428029
Ion Ratio	Lower	Upper	
107	100		
144	22.2	17.0	25.6
142	73.0	53.0	79.6





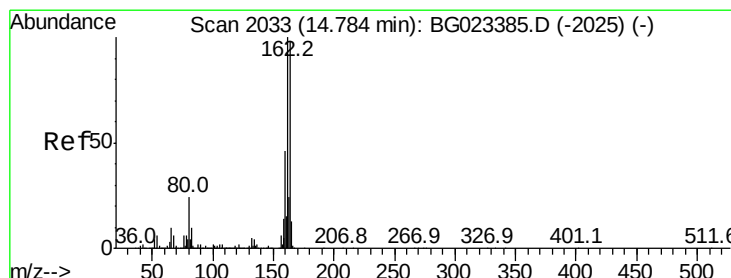
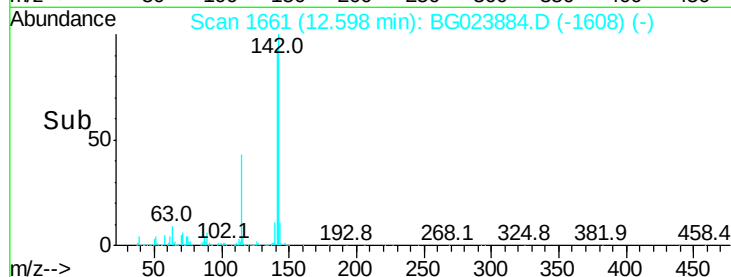
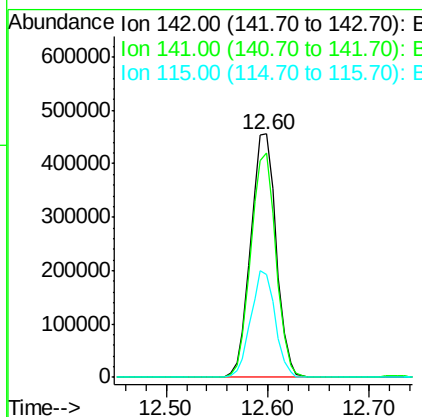
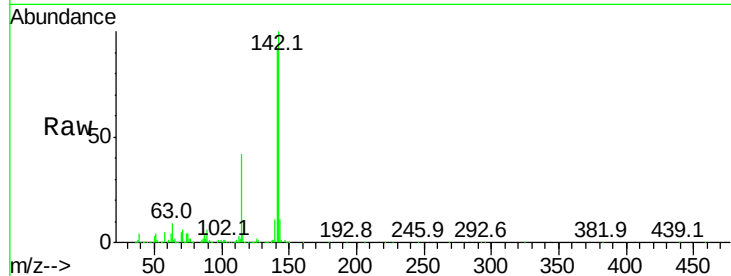
#37
 2-Methylnaphthalene
 Concen: 34.08 ng
 RT: 12.60 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.2	105.2
115	42.4	41.7	62.5

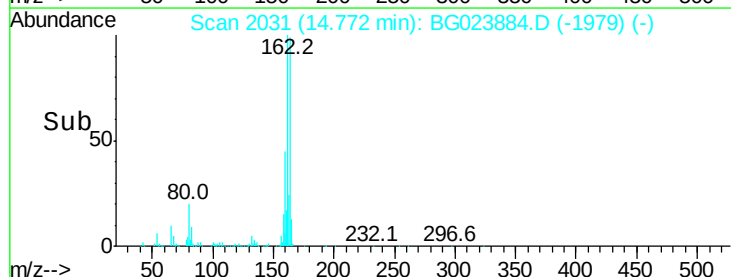
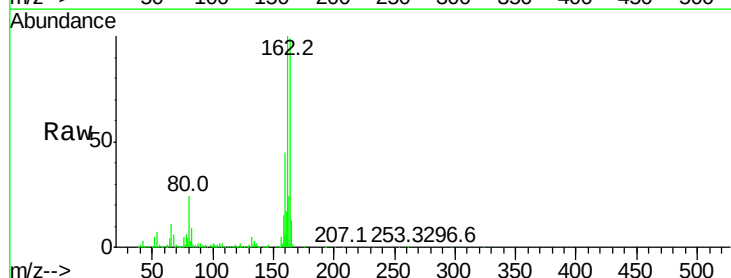
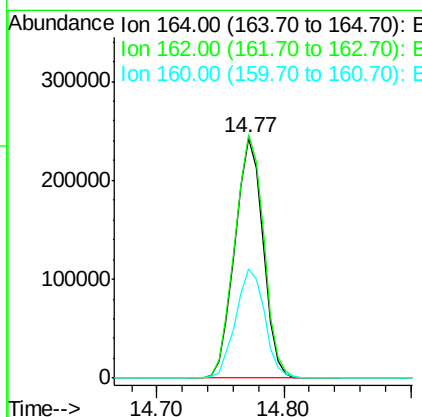
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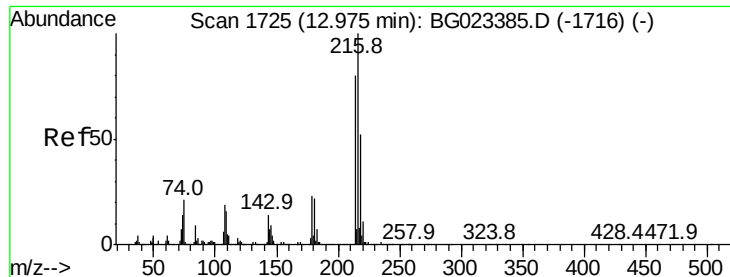
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	87.7	131.5
160	45.4	37.2	55.8





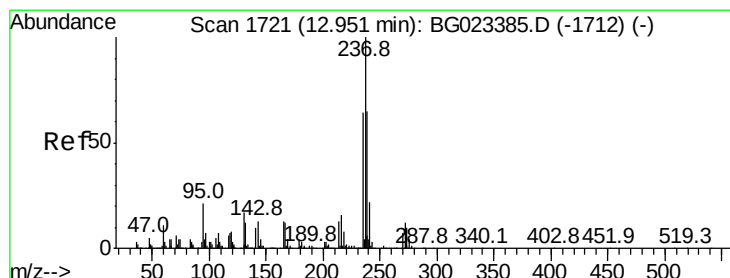
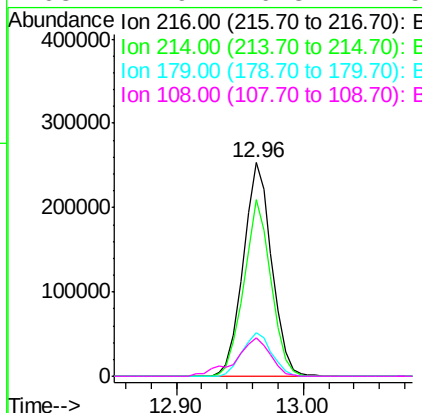
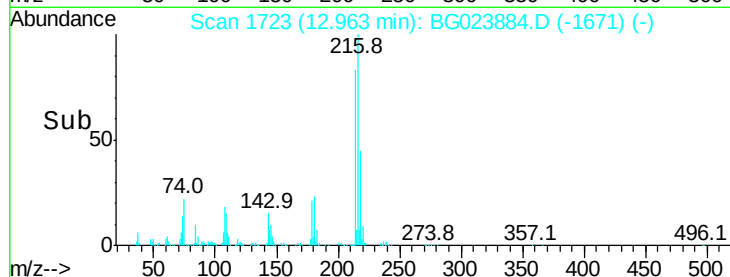
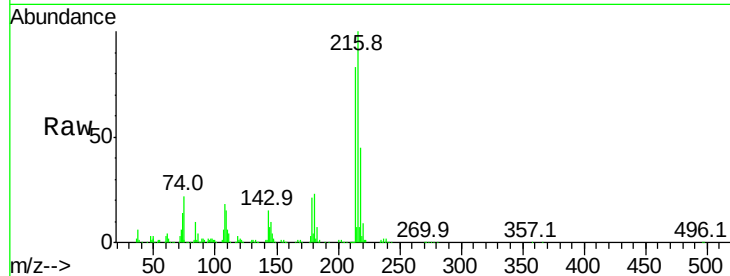
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.15 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	392532		
214	78.7	62.9	94.3	
179	21.1	17.2	25.8	
108	21.9	16.3	24.5	

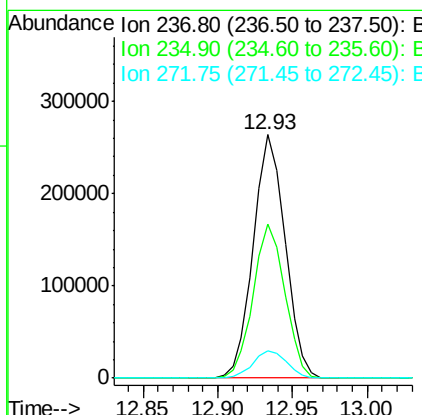
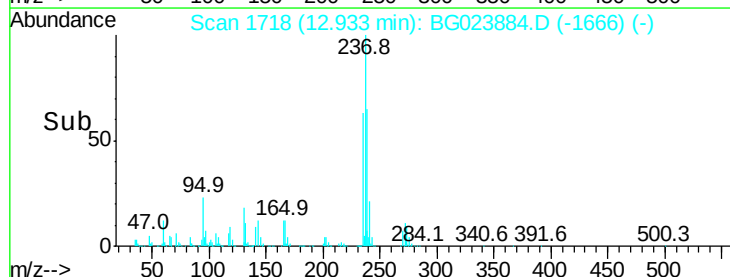
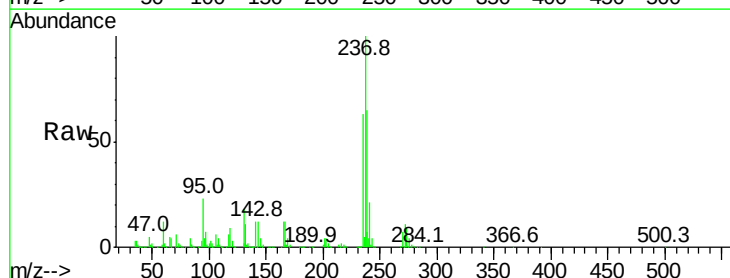
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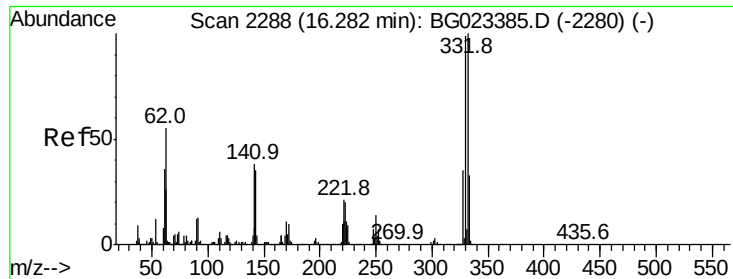
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#40
 Hexachlorocyclopentadiene
 Concen: 57.34 ng
 RT: 12.93 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	389354		
235	63.4	43.1	83.1	
272	11.2	0.0	30.9	





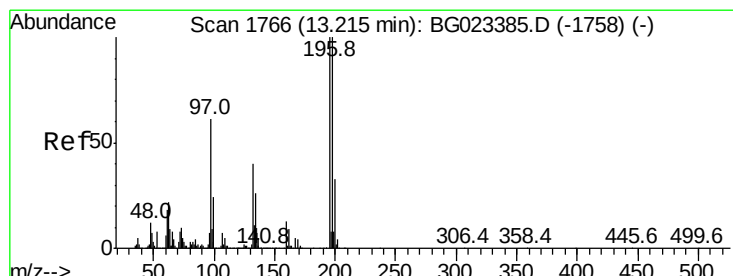
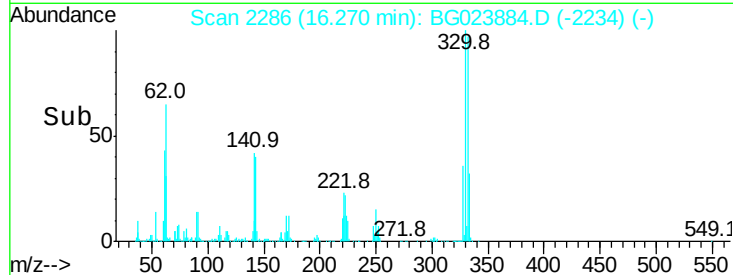
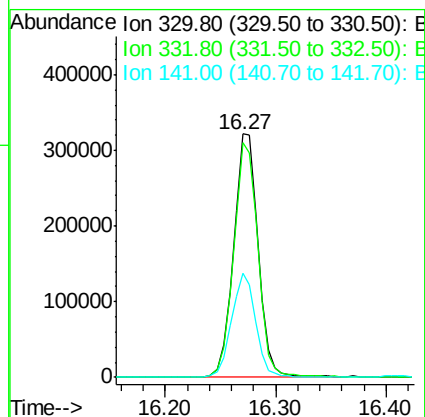
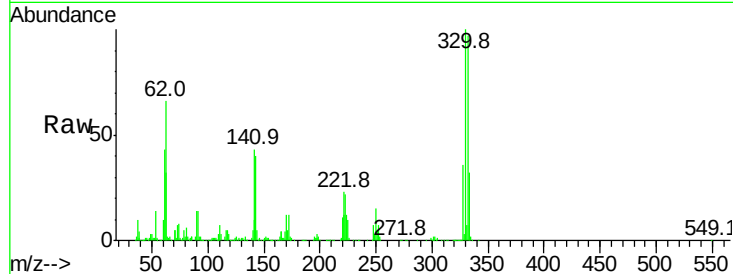
#41
 2,4,6-Tribromophenol
 Concen: 92.15 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	500514		
332	96.1		77.4	116.2
141	41.9		31.7	47.5

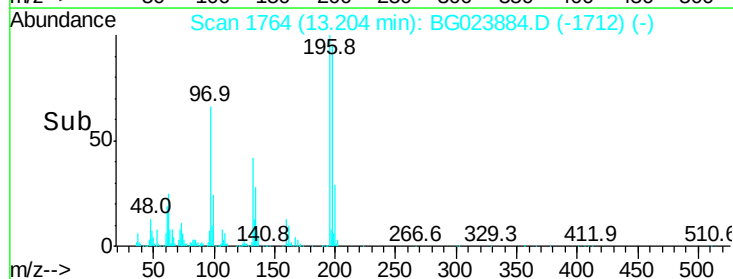
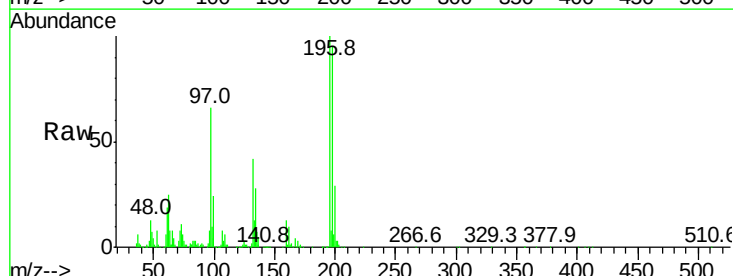
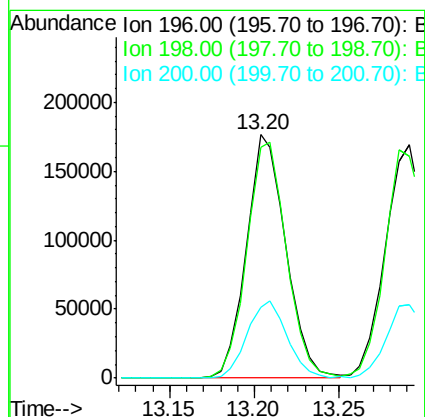
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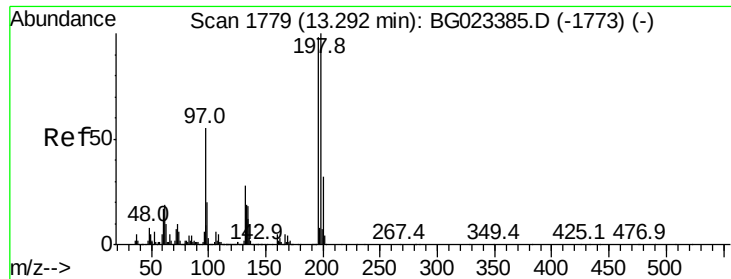
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#42
 2,4,6-Trichlorophenol
 Concen: 35.70 ng
 RT: 13.20 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286388		
198	95.0		78.2	117.2
200	29.2		27.0	40.4





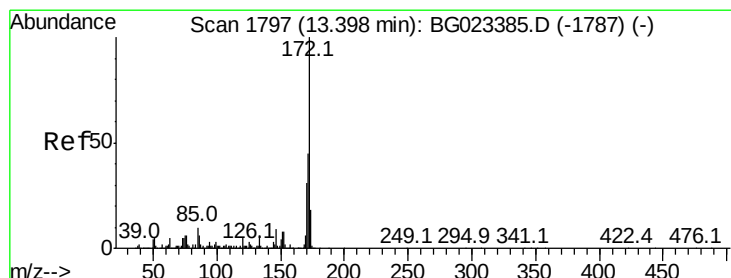
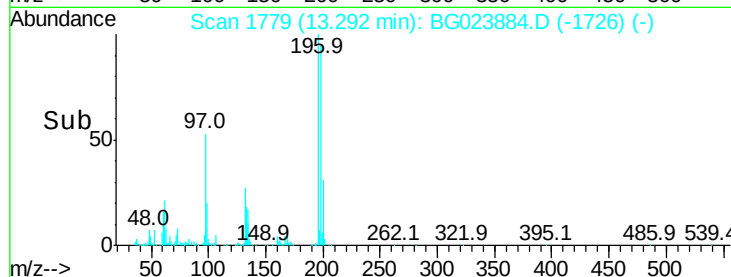
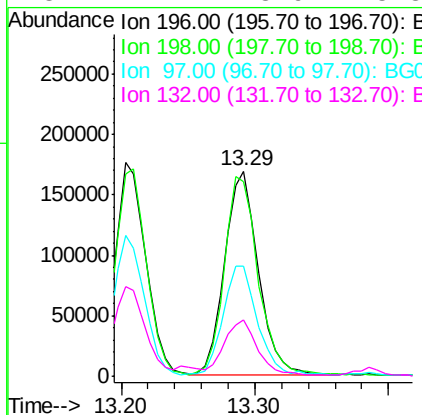
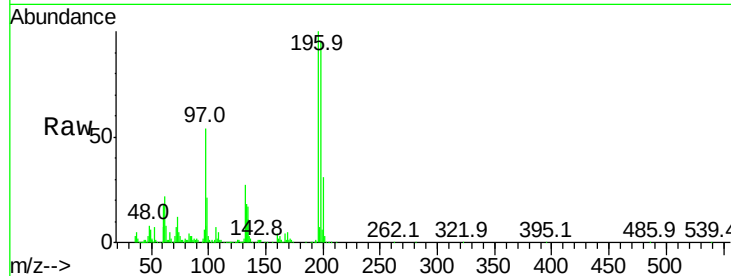
#43
 2,4,5-Trichlorophenol
 Concen: 36.13 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampled :
 PB93011BS

Tot Ion	196	Resp	298379
Ion Ratio	Lower	Upper	
196	100		
198	94.9	85.7	128.5
97	54.0	45.5	68.3
132	27.4	18.9	28.3

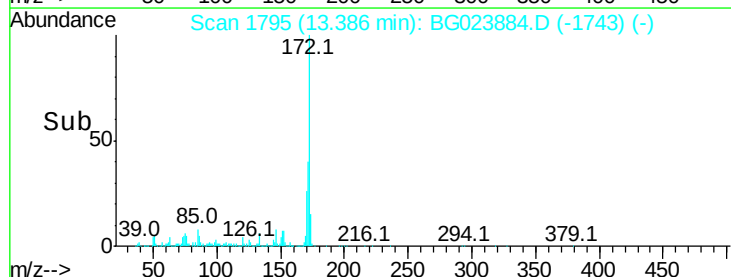
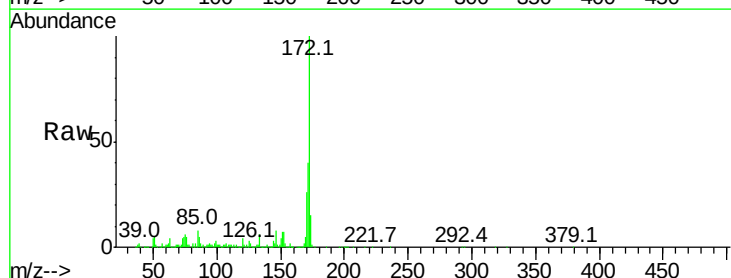
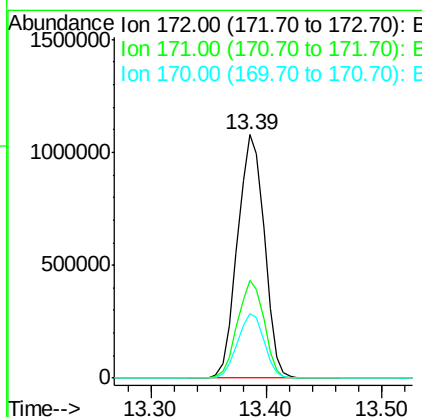
Manual Integrations
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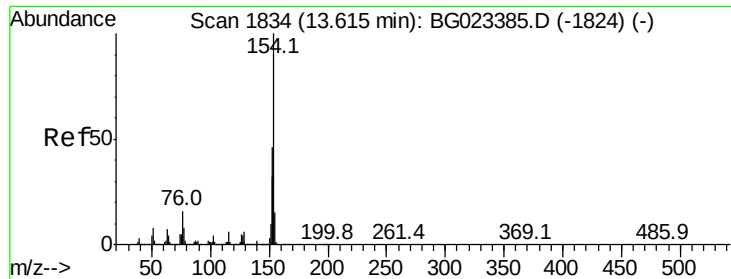
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#44
 2-Fluorobiphenyl
 Concen: 78.66 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	172	Resp	1731773
Ion Ratio	Lower	Upper	
172	100		
171	39.9	31.6	47.4
170	26.4	21.3	31.9





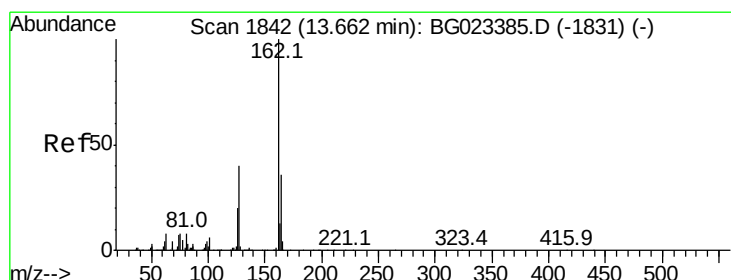
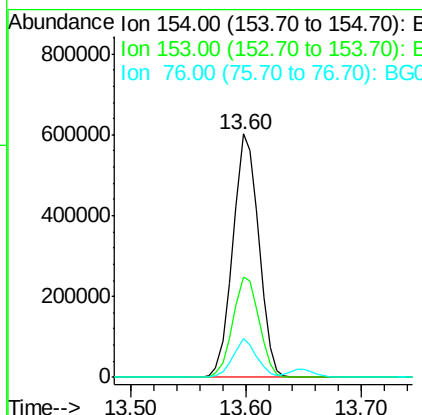
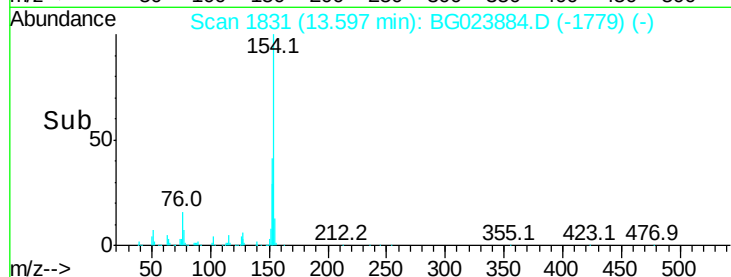
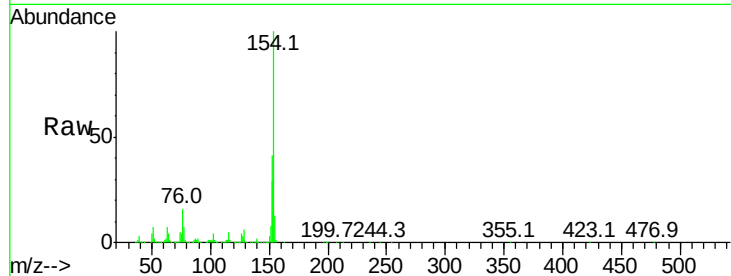
#45
1,1'-Biphenyl
Concen: 32.89 ng
RT: 13.60 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	15.7	0.0	32.9

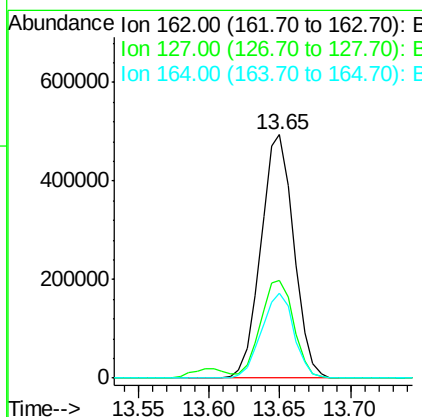
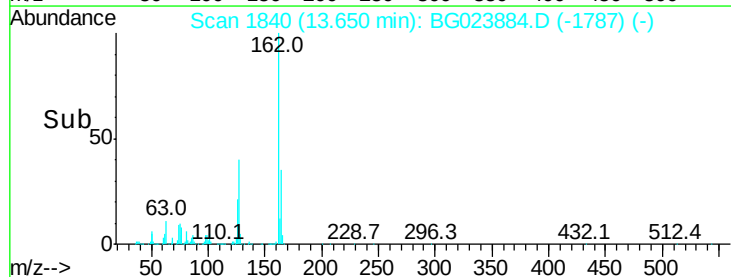
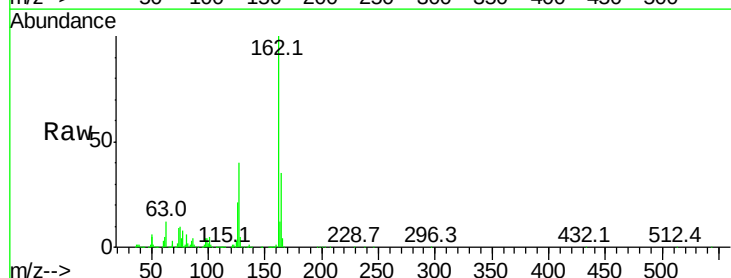
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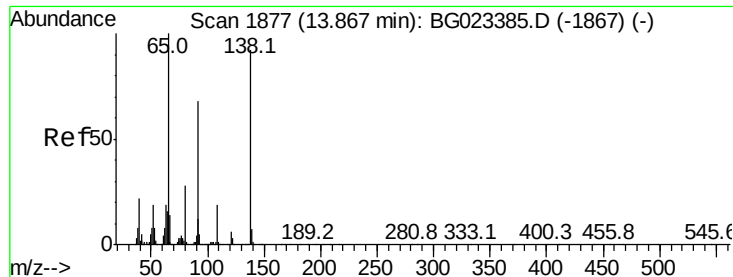
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#46
2-Chloronaphthalene
Concen: 36.80 ng
RT: 13.65 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.4	48.6
164	34.7	25.2	37.8





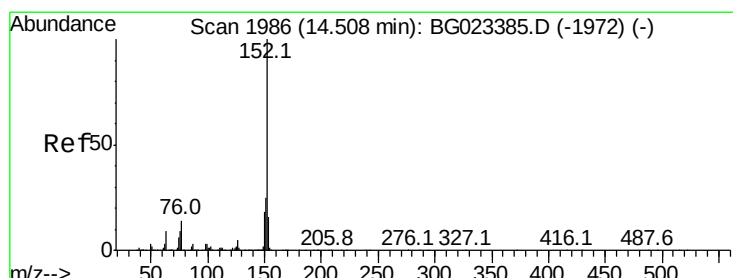
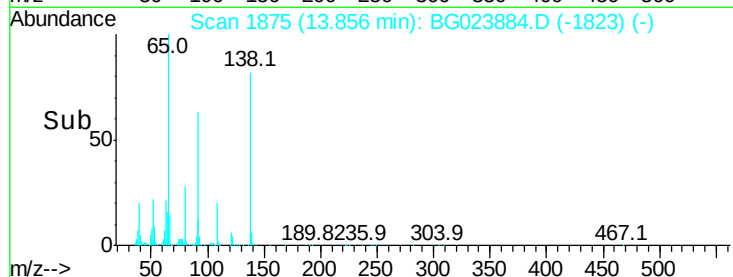
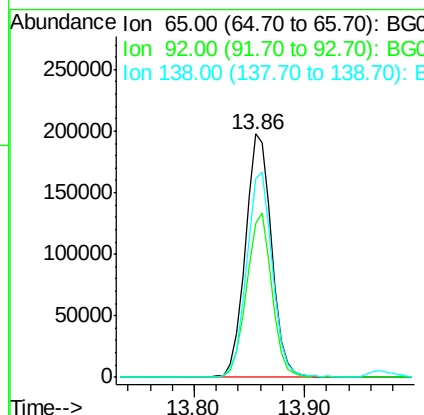
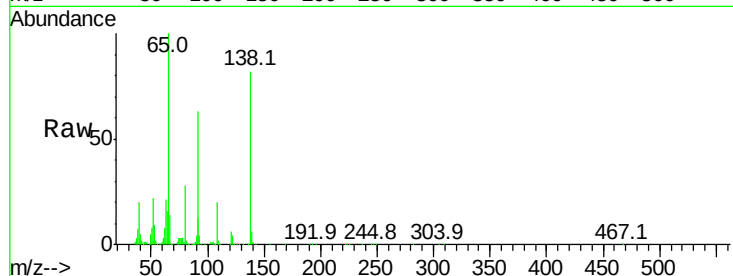
#47
 2-Nitroaniline
 Concen: 36.09 ng
 RT: 13.86 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampled :
 PB93011BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.4	49.4	74.0
138	81.7	58.0	87.0

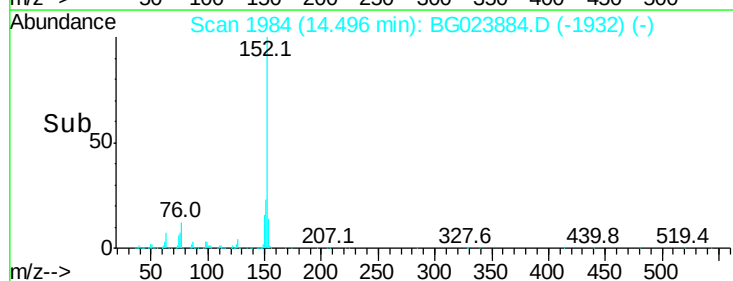
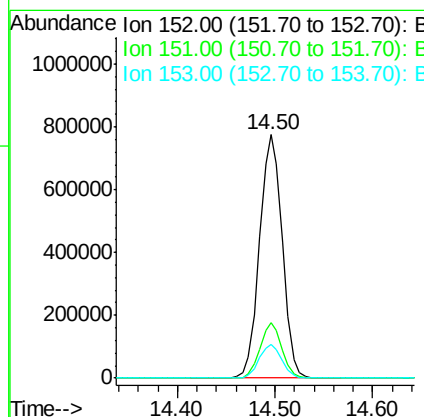
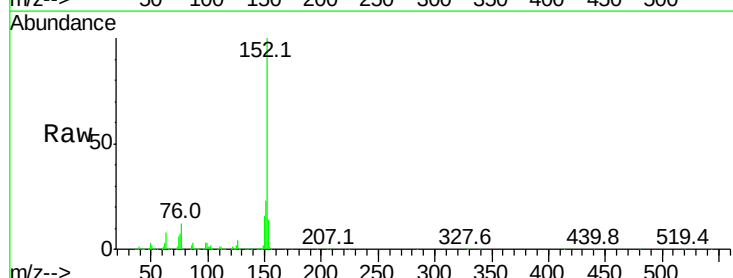
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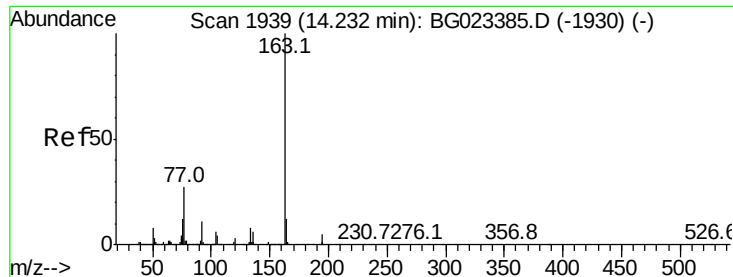
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#48
 Acenaphthylene
 Concen: 36.55 ng
 RT: 14.50 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.6	26.4
153	13.7	11.4	17.2





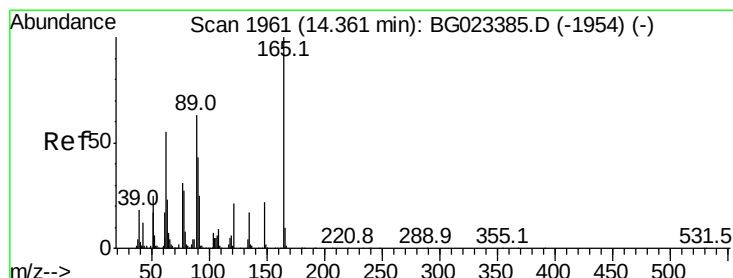
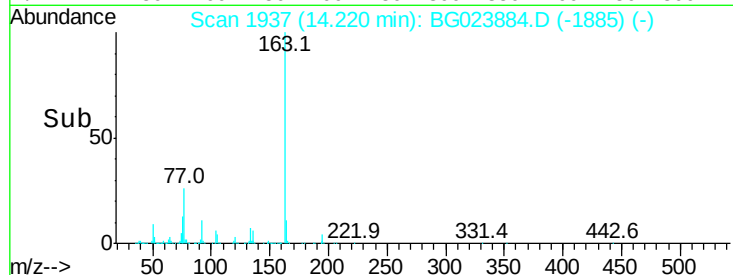
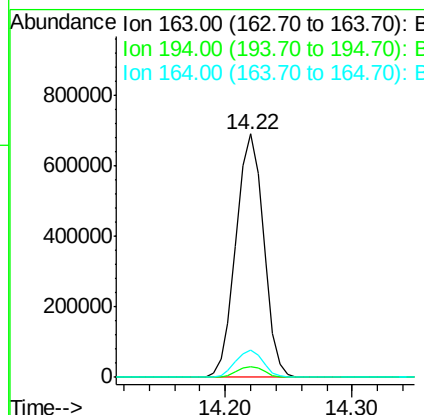
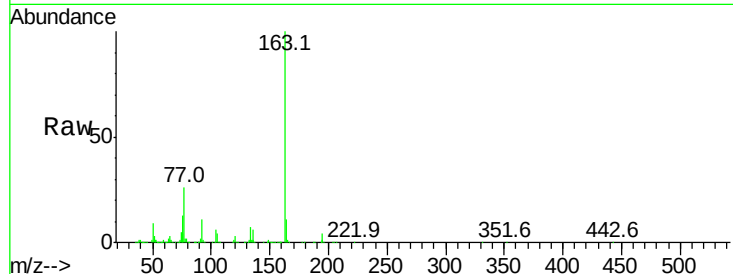
#49
Dimethylphthalate
Concen: 36.66 ng
RT: 14.22 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.2	8.1	12.1

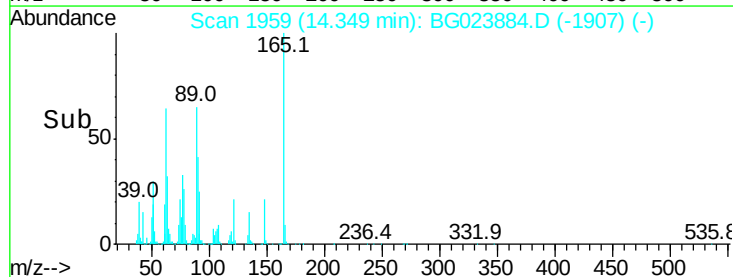
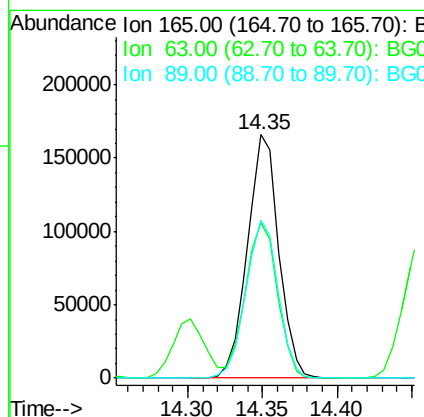
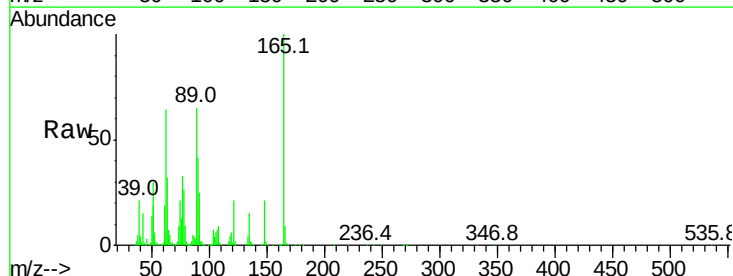
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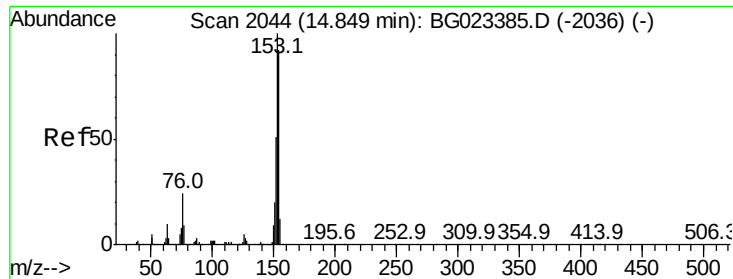
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#50
2,6-Dinitrotoluene
Concen: 35.51 ng
RT: 14.35 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.9	64.3	96.5#
89	64.6	64.3	96.5





#51

Acenaphthene

Concen: 36.10 ng

RT: 14.84 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

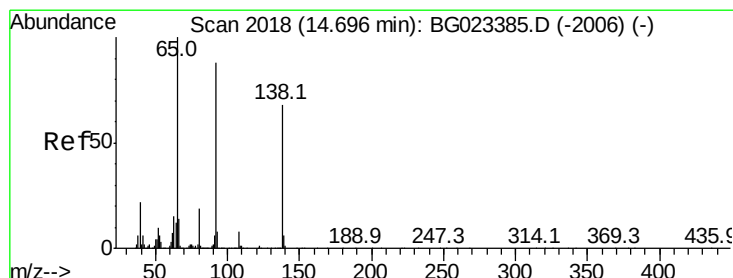
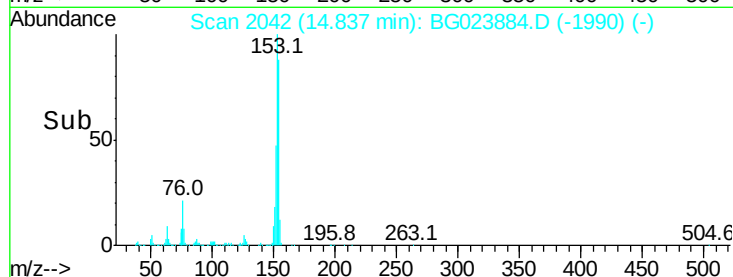
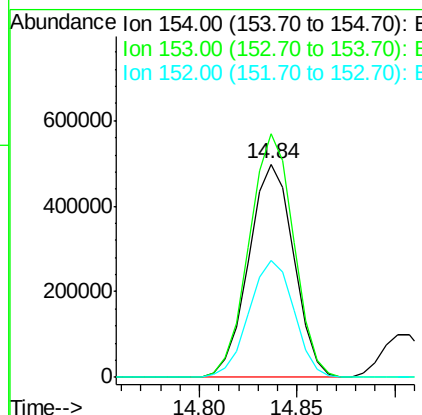
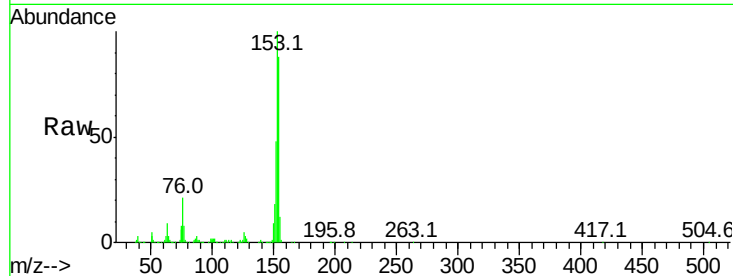
ClientSampleId :

PB93011BS

Tot Ion:	154	Resp:	793814
Ion Ratio	Lower	Upper	
154	100		
153	114.2	87.5	131.3
152	54.8	42.7	64.1

Manual Integrations
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#52

3-Nitroaniline

Concen: 14.84 ng

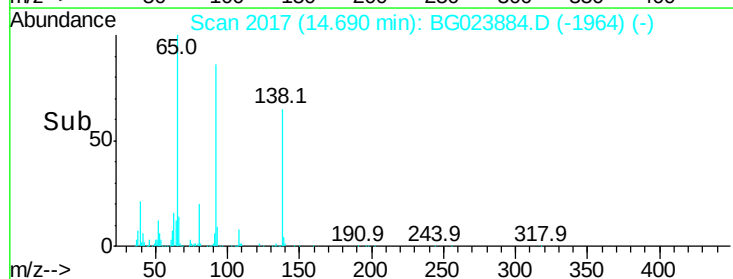
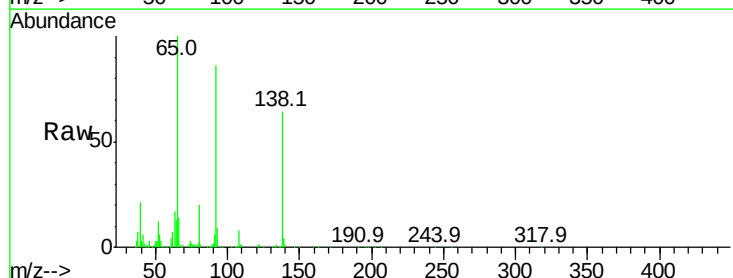
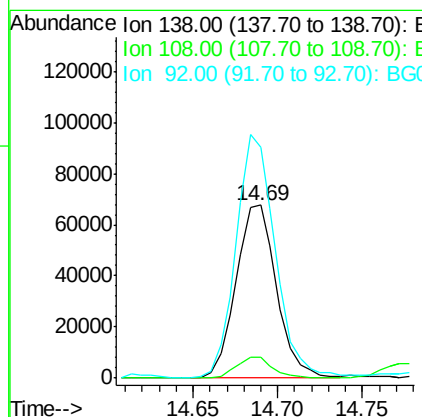
RT: 14.69 min Scan# 2017

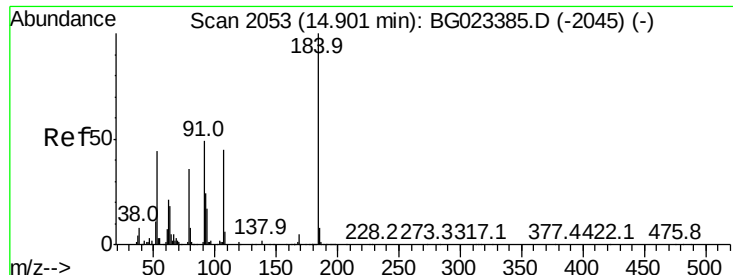
Delta R.T. 0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:	138	Resp:	112926
Ion Ratio	Lower	Upper	
138	100		
108	11.9	11.7	17.5
92	133.5	129.7	194.5





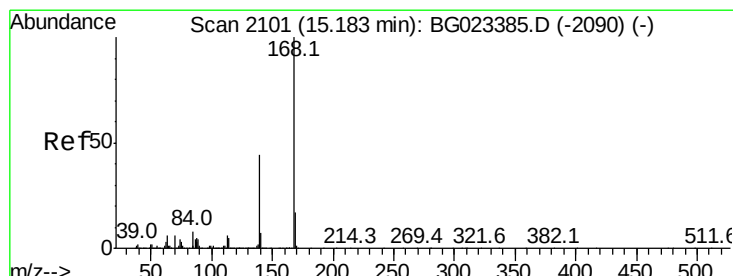
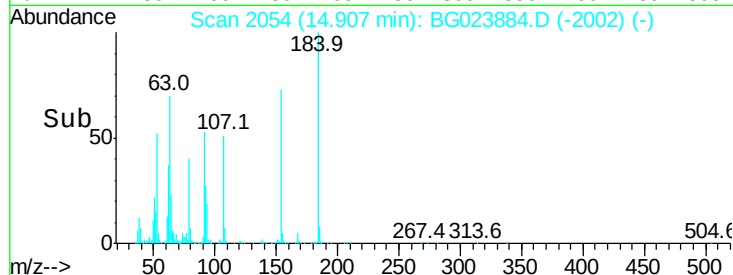
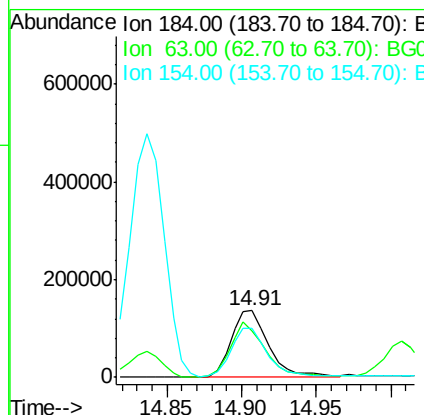
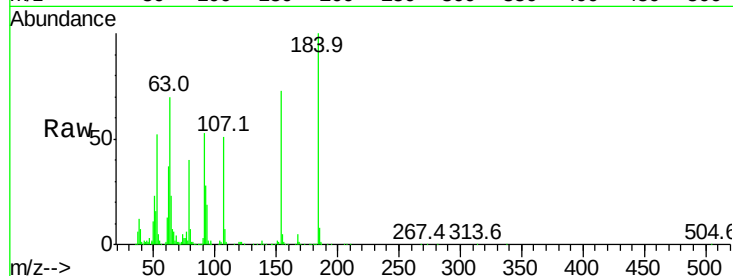
#53
 2,4-Dinitrophenol
 Concen: 55.80 ng
 RT: 14.91 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	241345		
63	70.3	59.6	89.4	
154	73.1	67.4	101.0	

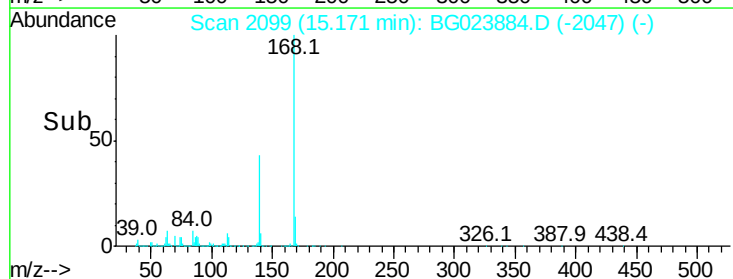
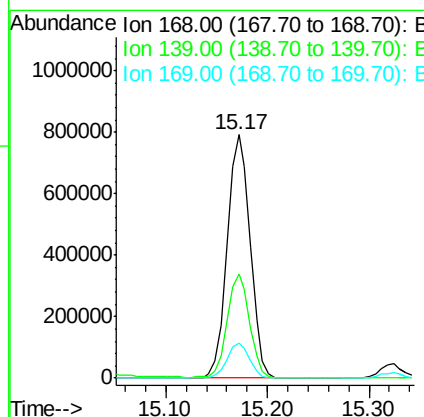
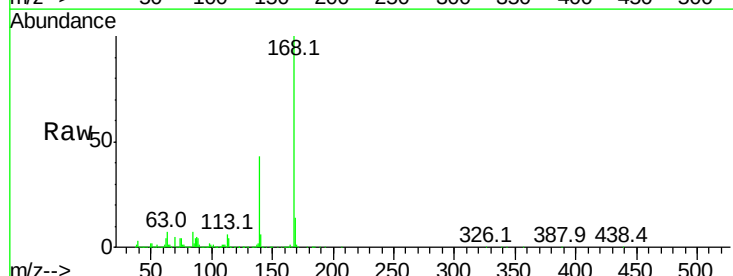
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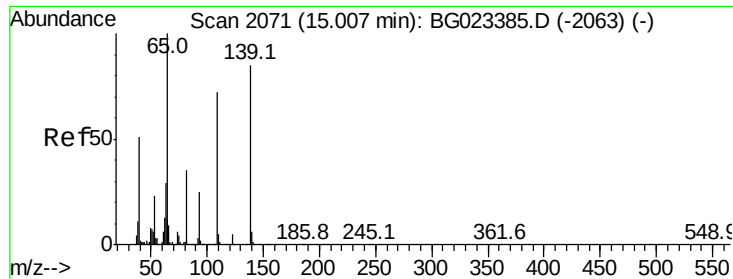
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#54
 Dibenzofuran
 Concen: 38.69 ng
 RT: 15.17 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1235248		
139	42.8	36.4	54.6	
169	14.3	11.9	17.9	





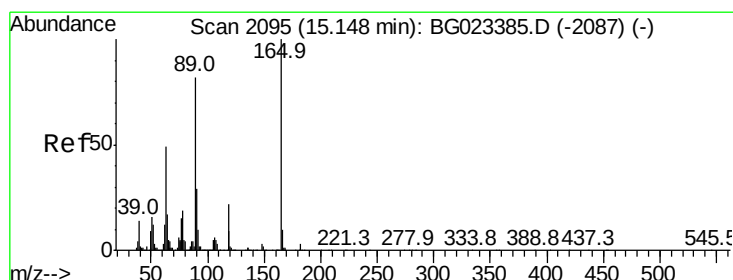
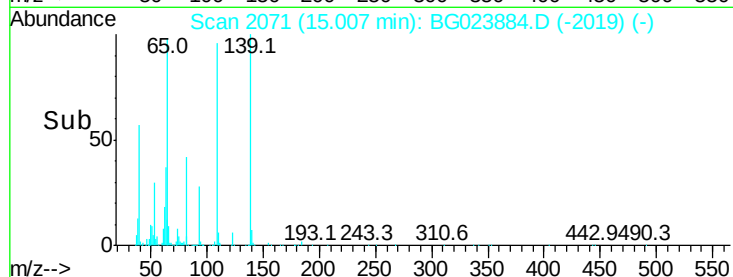
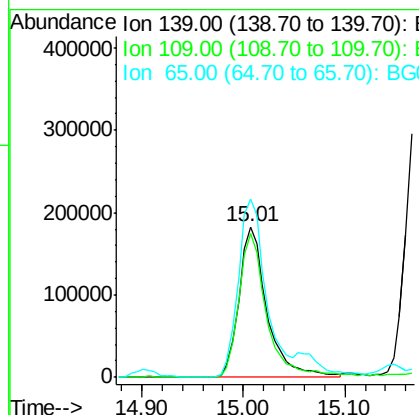
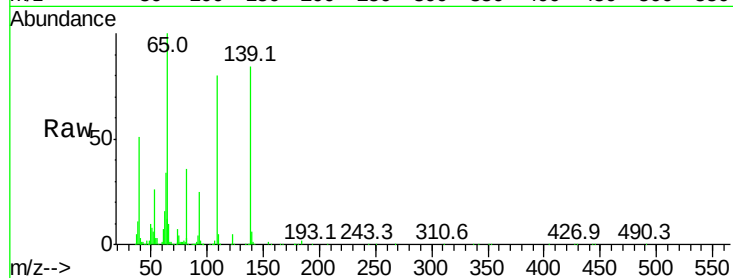
#55
4-Nitrophenol
Concen: 59.01 ng
RT: 15.01 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	95.1	103.0	143.0#
65	118.9	112.7	152.7

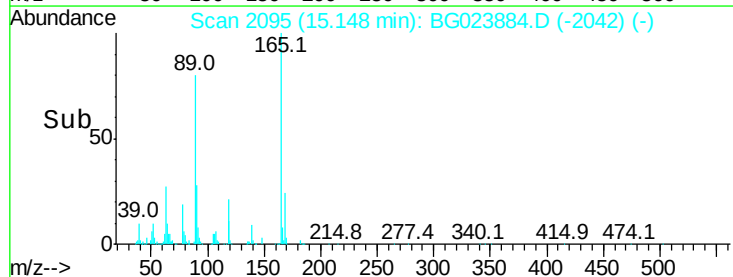
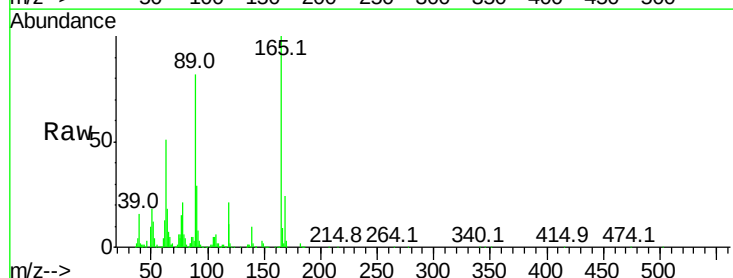
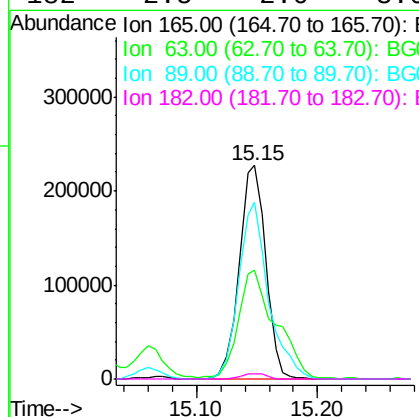
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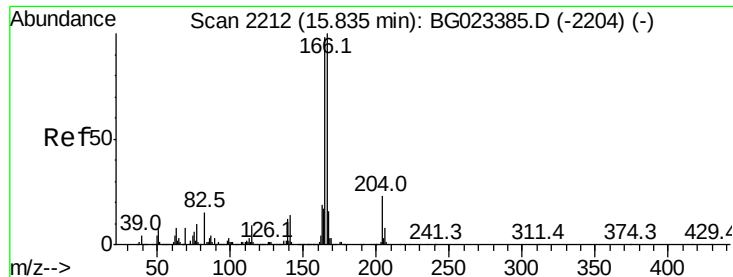
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#56
2,4-Dinitrotoluene
Concen: 36.79 ng
RT: 15.15 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	45.8	68.6
89	82.5	68.6	102.8
182	2.5	2.0	3.0





#57

Fluorene

Concen: 36.15 ng

RT: 15.82 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

ClientSampleId :

PB93011BS

Tot Ion:166 Resp: 1007228

Ion Ratio Lower Upper

166 100

165 99.5 81.0 121.6

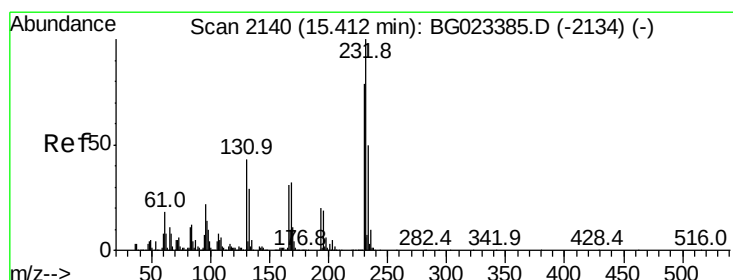
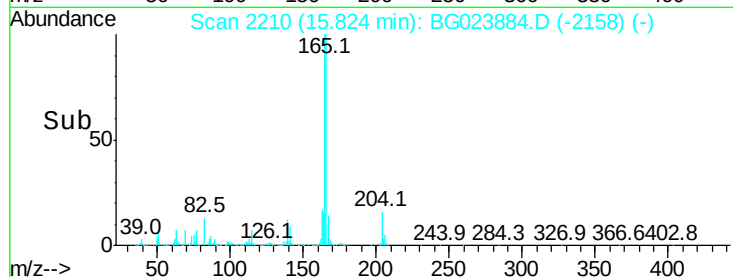
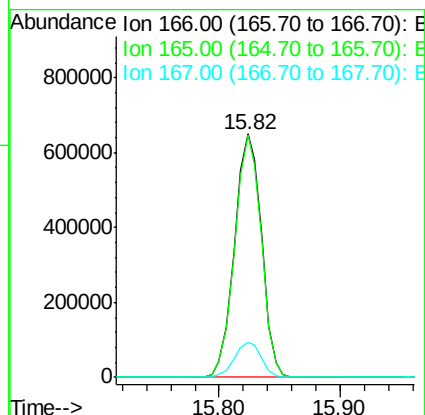
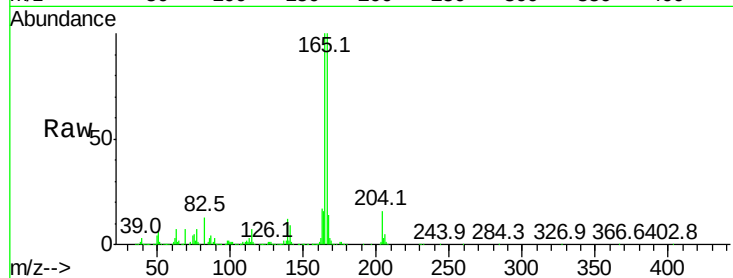
167 14.3 12.0 18.0

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.17 ng

RT: 15.41 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:232 Resp: 281681

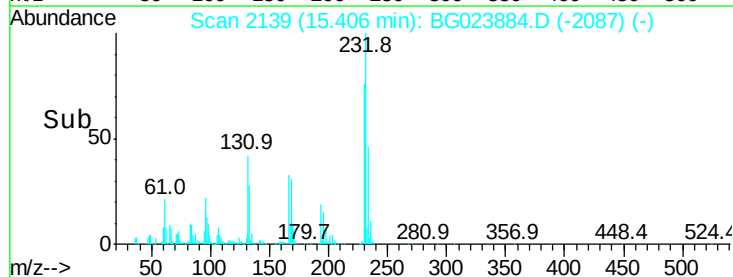
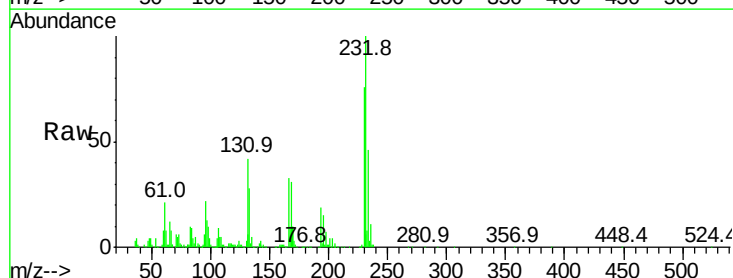
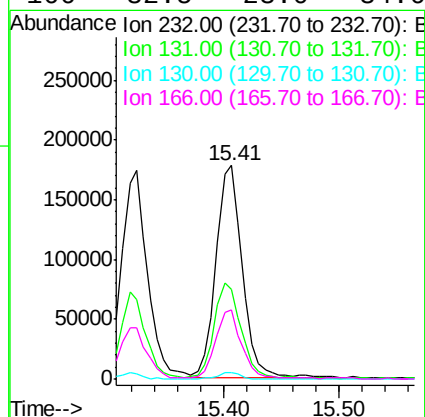
Ion Ratio Lower Upper

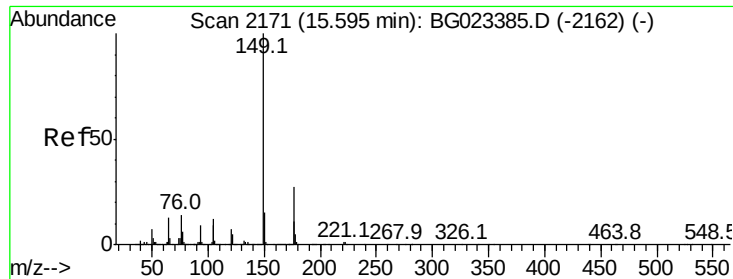
232 100

131 47.1 32.7 49.1

130 2.8 2.6 3.8

166 32.5 23.0 34.6





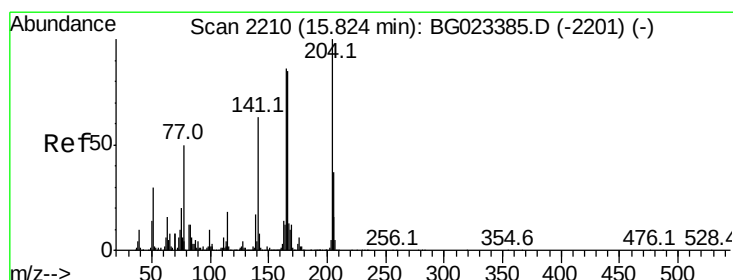
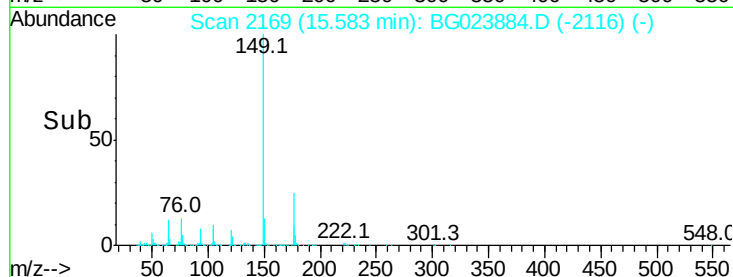
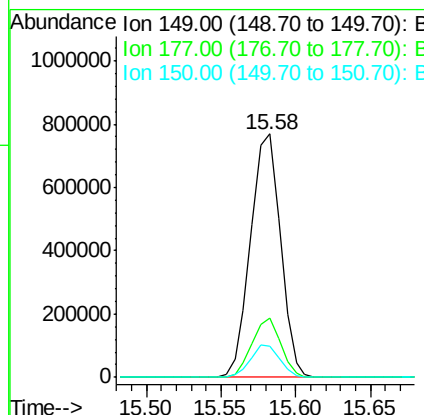
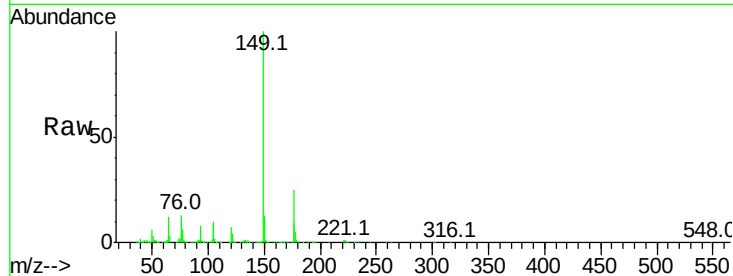
#59
Diethylphthalate
Concen: 37.01 ng
RT: 15.58 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampled :
PB93011BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.2	28.8
150	13.1	10.6	16.0

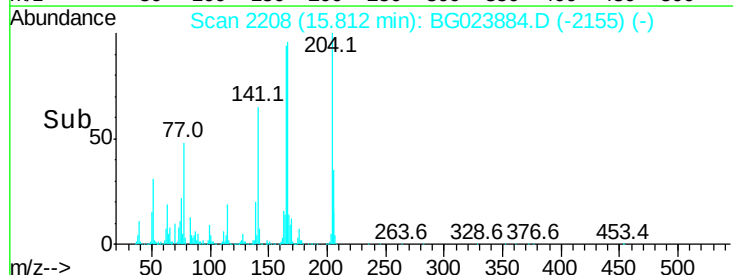
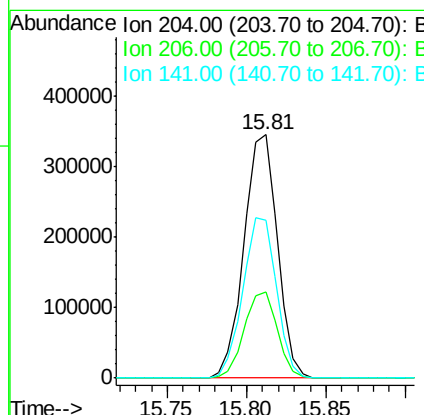
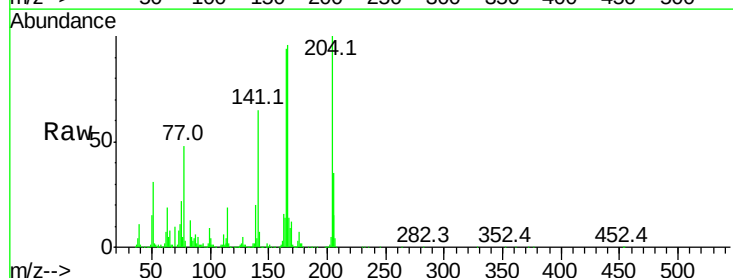
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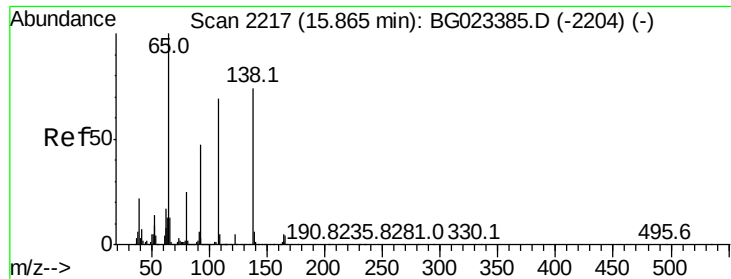
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#60
4-Chlorophenyl-phenylether
Concen: 34.28 ng
RT: 15.81 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	28.5	42.7
141	64.7	51.4	77.0





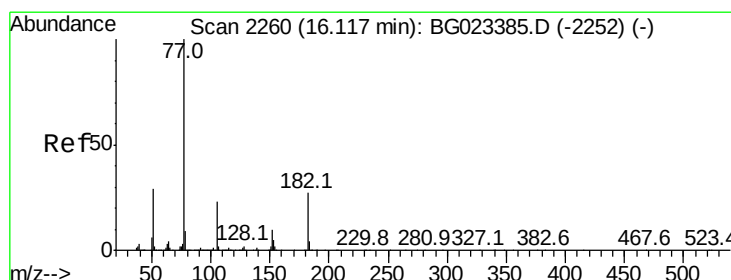
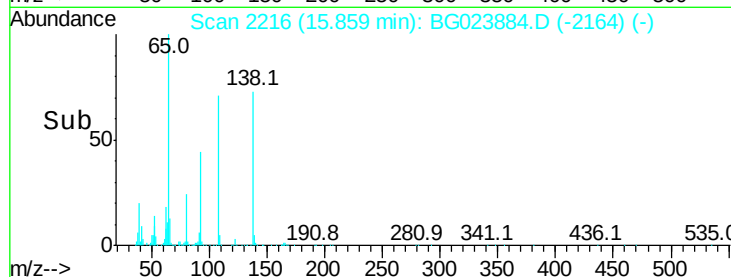
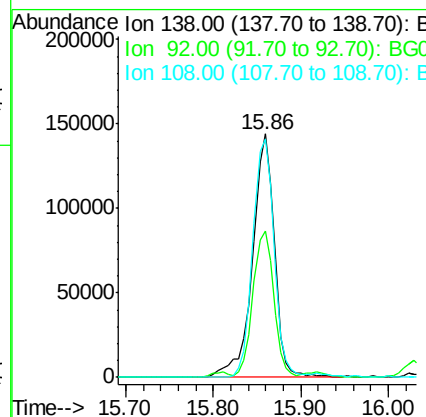
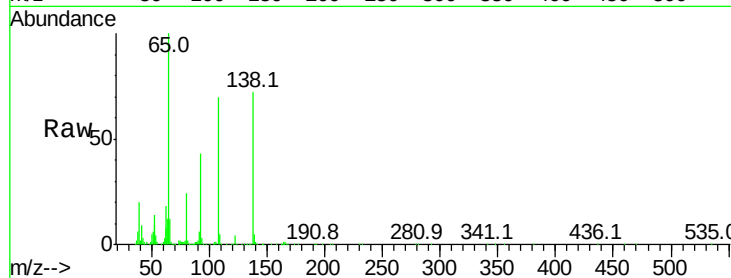
#61
4-Nitroaniline
Concen: 30.17 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.1	54.1	94.1
108	97.8	133.9	173.9#

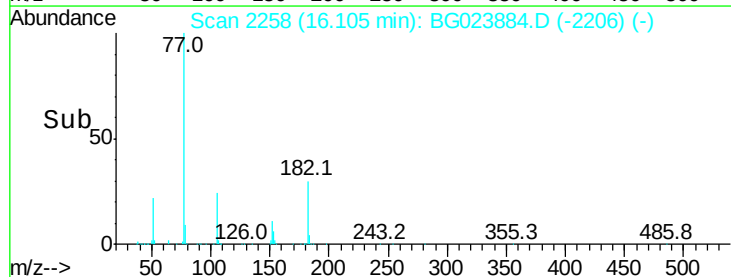
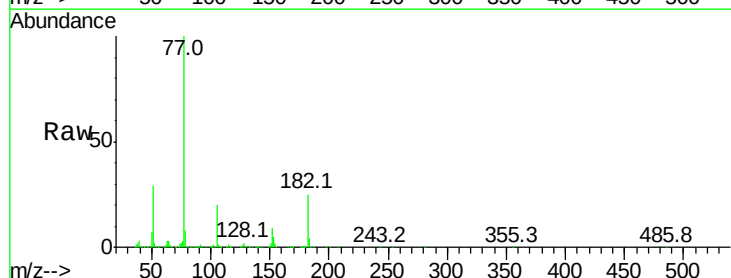
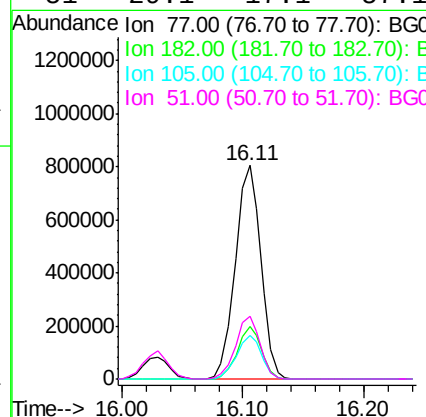
Manual Integrations
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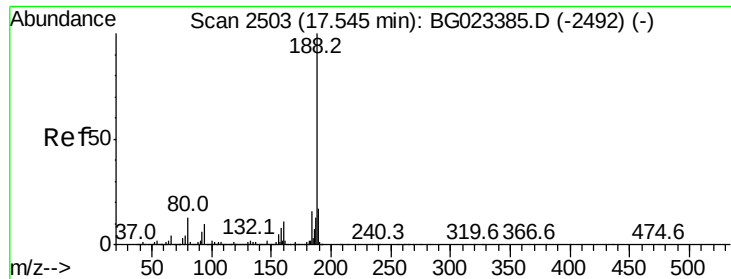
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#62
Azobenzene
Concen: 40.41 ng
RT: 16.11 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.7	3.5	43.5
105	20.5	0.0	38.5
51	29.1	17.1	57.1





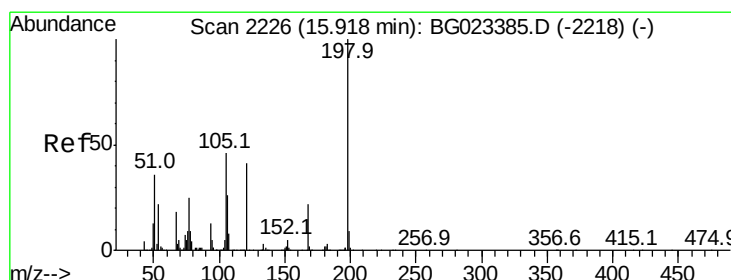
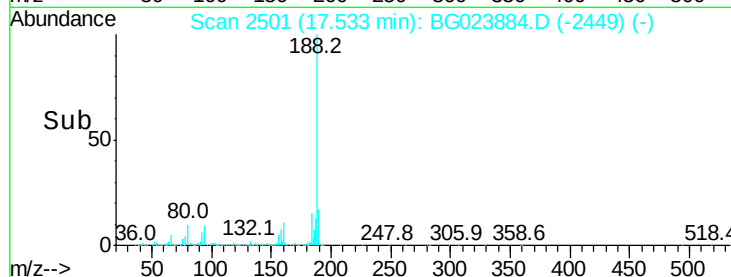
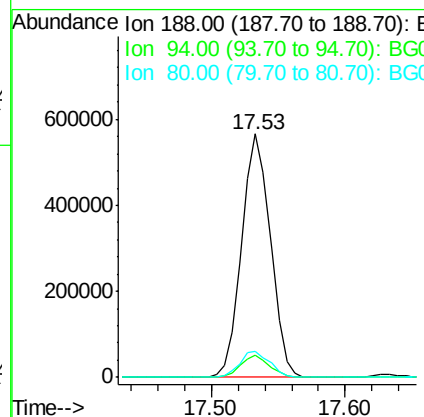
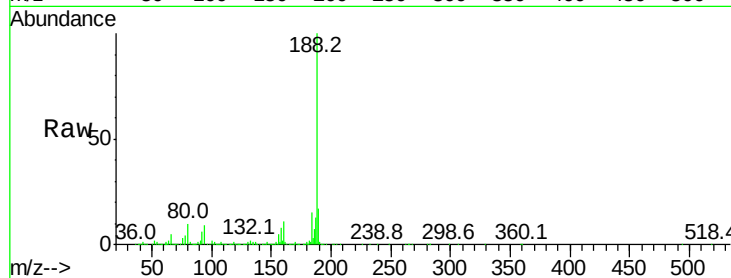
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	5.2	7.8	
80	10.5	7.2	10.8	

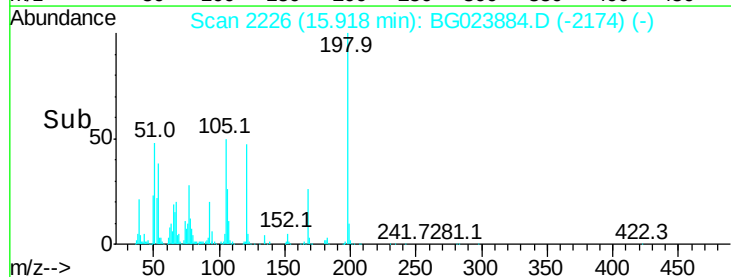
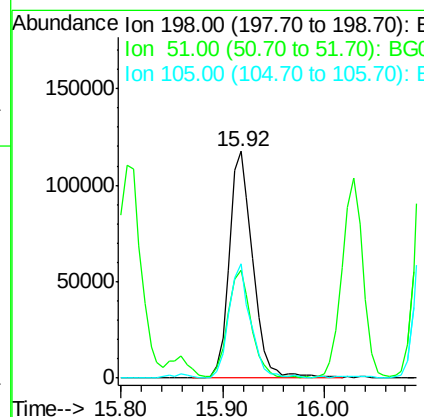
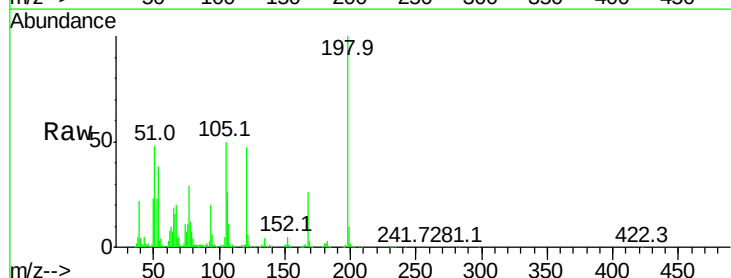
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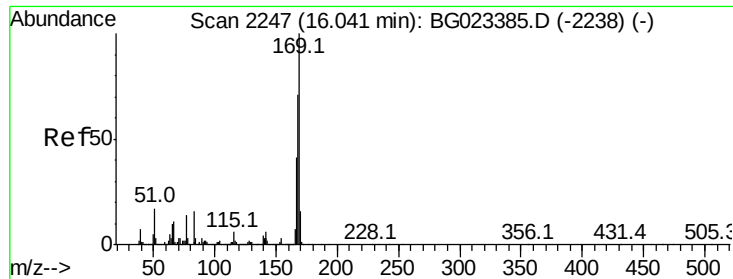
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.75 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	47.6	26.0	66.0	
105	50.5	20.1	60.1	





#65

n-Nitrosodiphenylamine

Concen: 36.72 ng

RT: 16.03 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

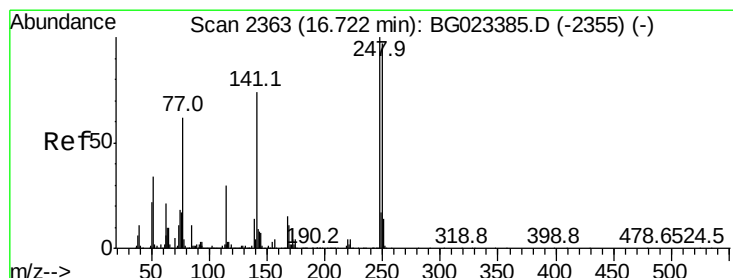
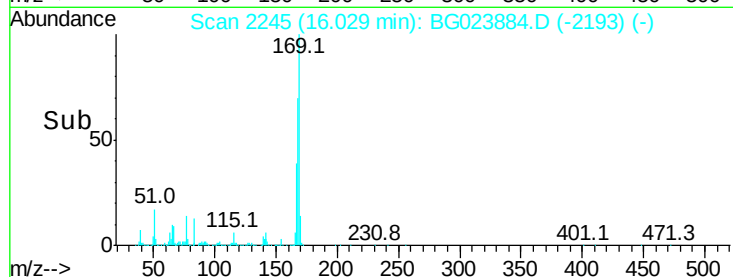
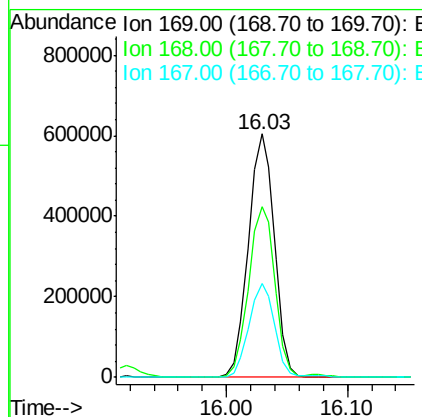
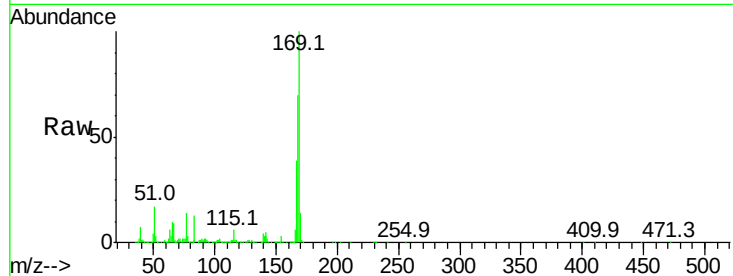
ClientSampleId :

PB93011BS

Tot Ion:	169	Resp:	910203
Ion Ratio	Lower	Upper	
169	100		
168	70.2	55.0	82.4
167	38.8	27.4	41.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 35.00 ng

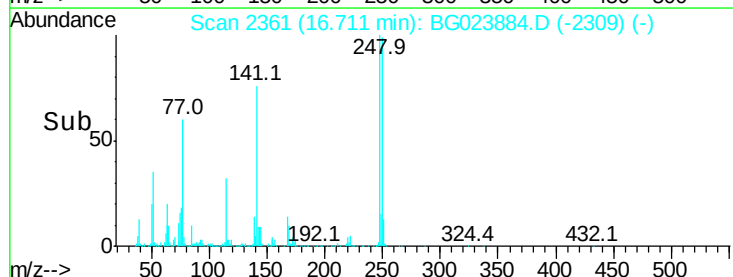
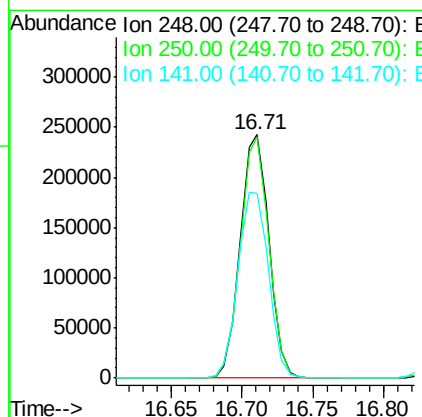
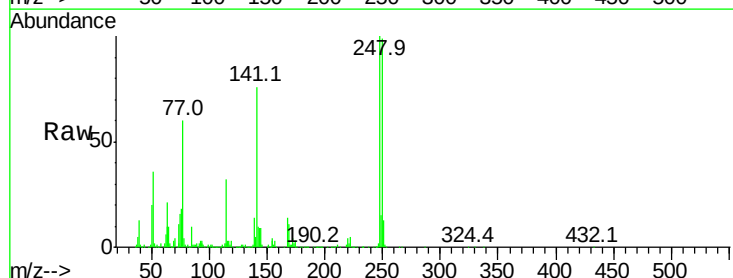
RT: 16.71 min Scan# 2361

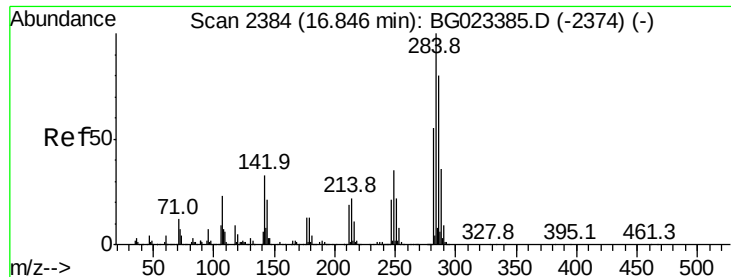
Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:	248	Resp:	344693
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.8	116.8
141	76.1	65.7	98.5





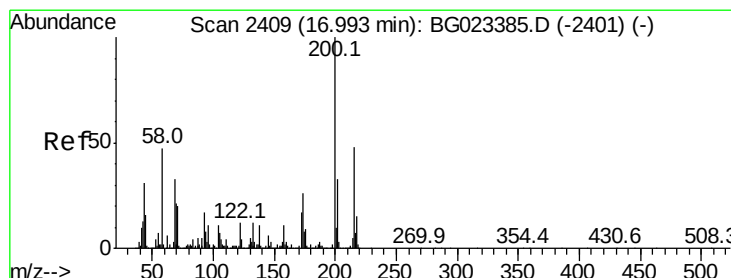
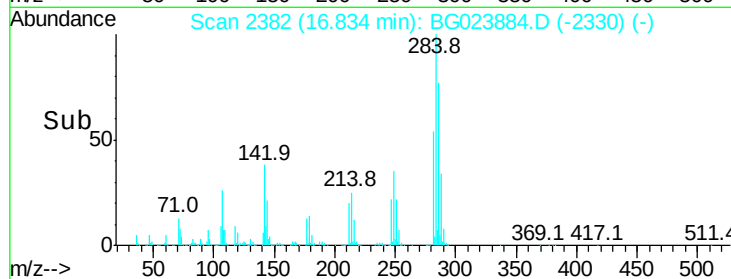
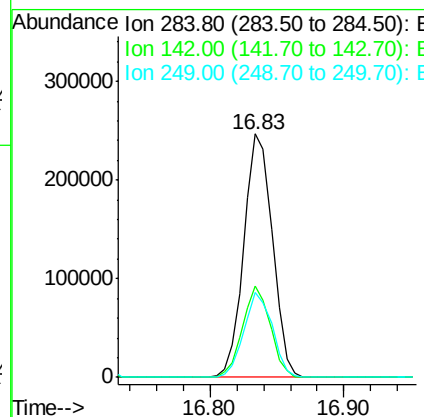
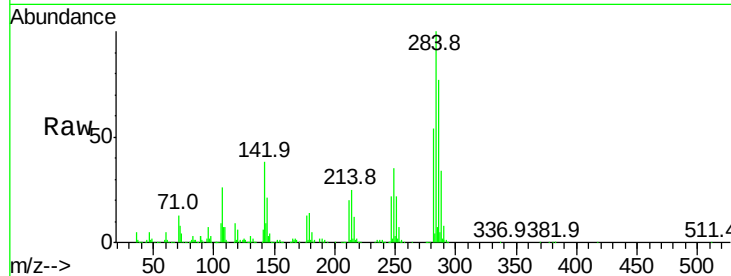
#67
Hexachlorobenzene
Concen: 33.88 ng
RT: 16.83 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.7	26.8	40.2	
249	34.7	28.9	43.3	

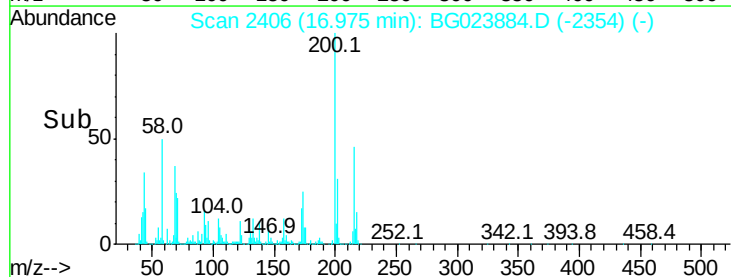
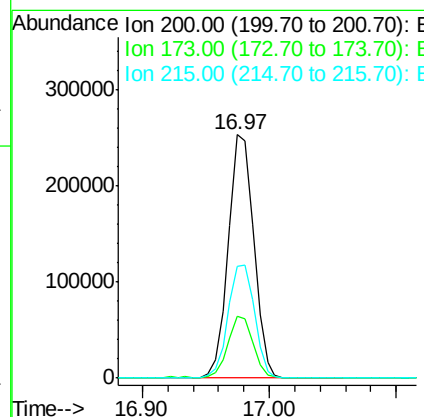
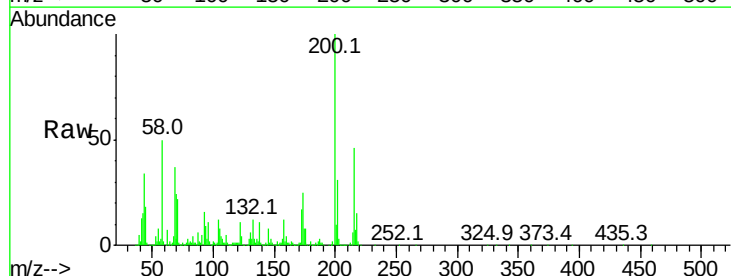
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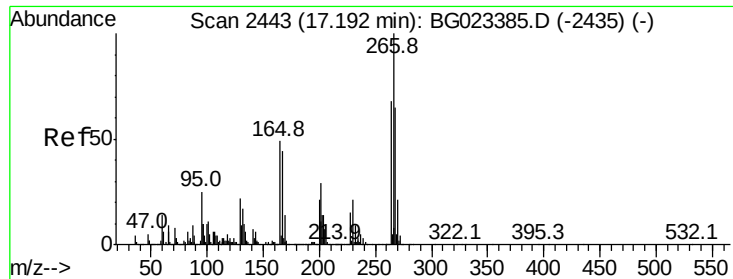
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#68
Atrazine
Concen: 37.17 ng
RT: 16.97 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.3	1.6	41.6	
215	46.1	28.7	68.7	





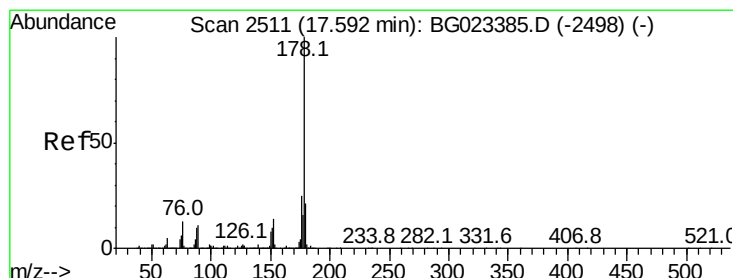
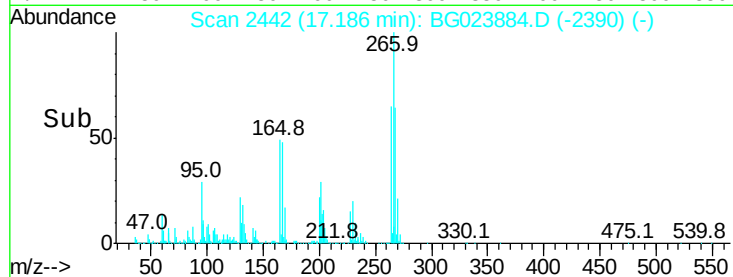
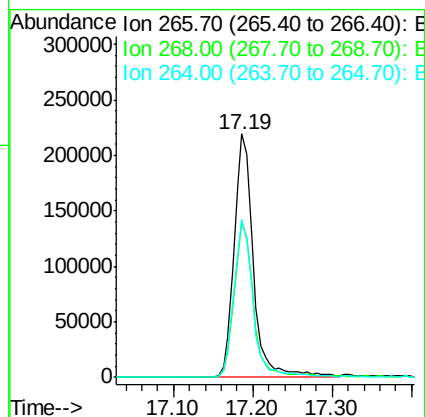
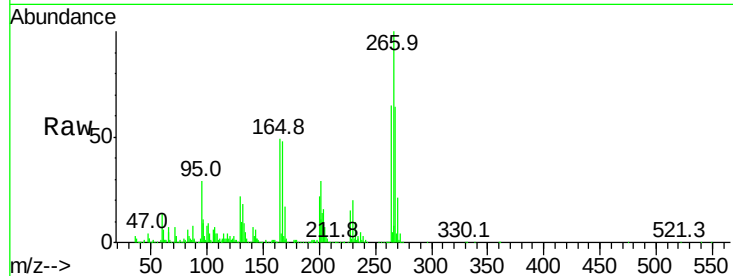
#69
 Pentachlorophenol
 Concen: 58.41 ng
 RT: 17.19 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampled :
 PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.0	51.9	77.9	
264	65.1	50.6	75.8	

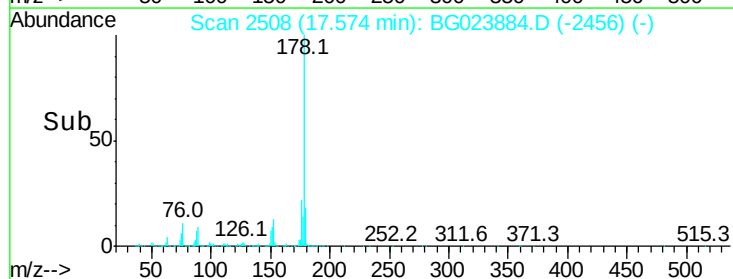
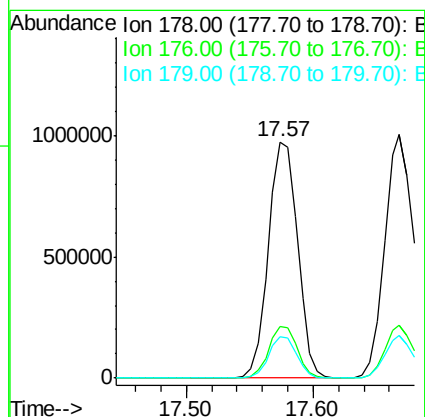
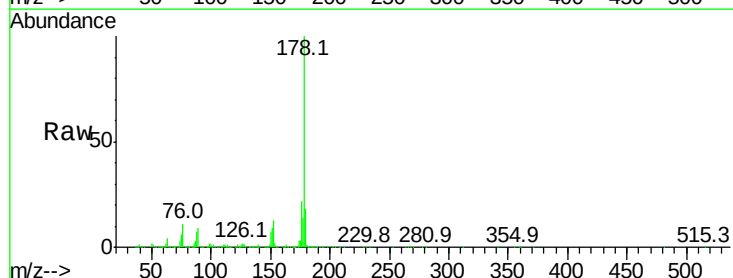
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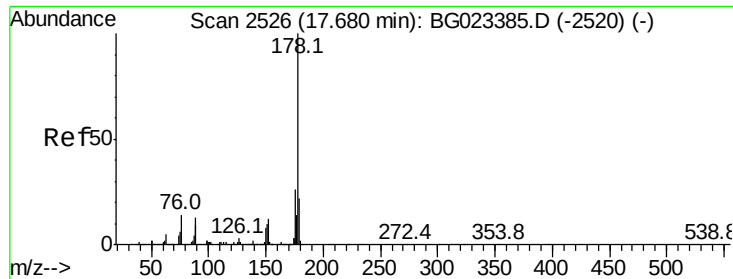
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#70
 Phenanthrene
 Concen: 36.50 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.9	16.8	25.2	
179	17.8	14.3	21.5	





#71

Anthracene

Concen: 37.11 ng

RT: 17.67 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

ClientSampleId :

PB93011BS

Tot Ion:178 Resp: 1600567

Ion Ratio Lower Upper

178 100

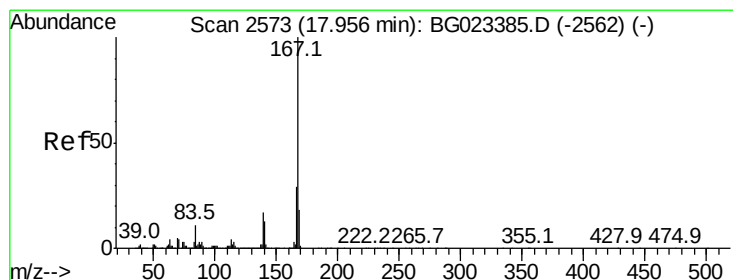
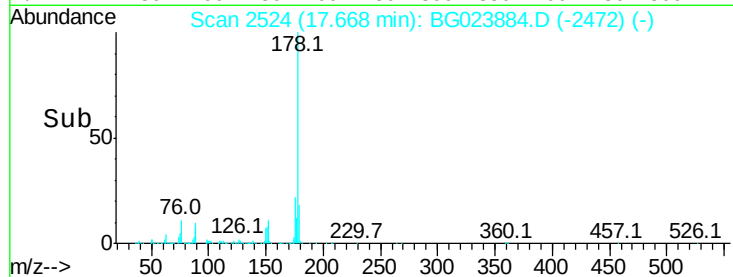
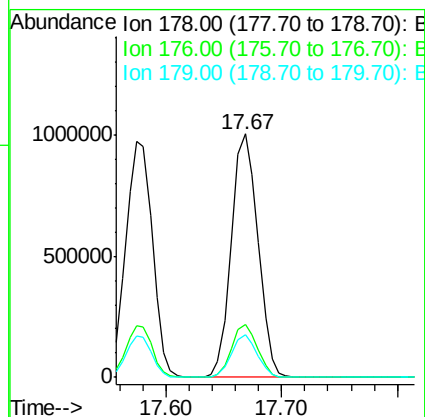
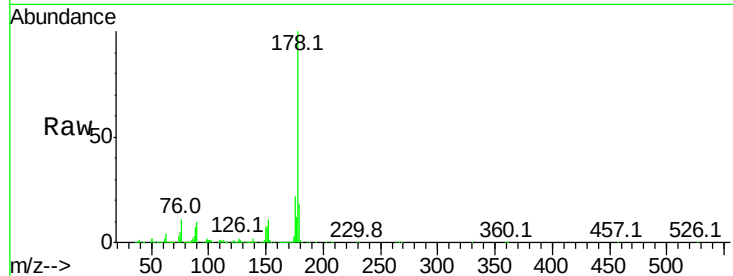
176 21.6 17.3 25.9

179 17.6 14.0 21.0

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#72

Carbazole

Concen: 38.78 ng

RT: 17.94 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

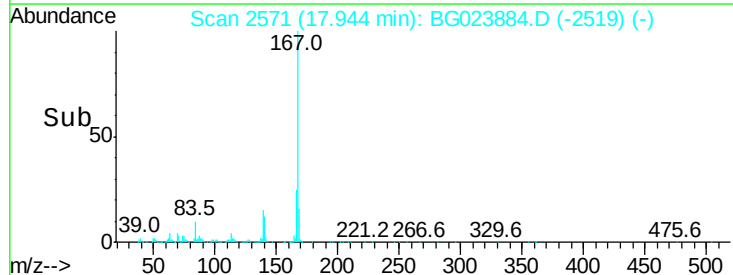
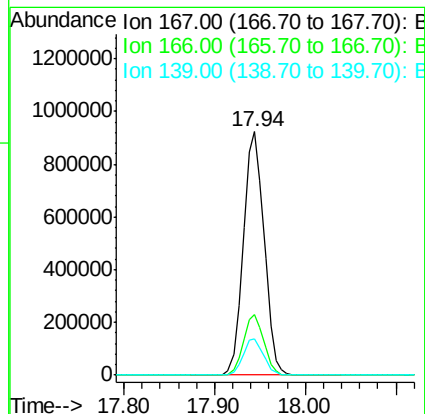
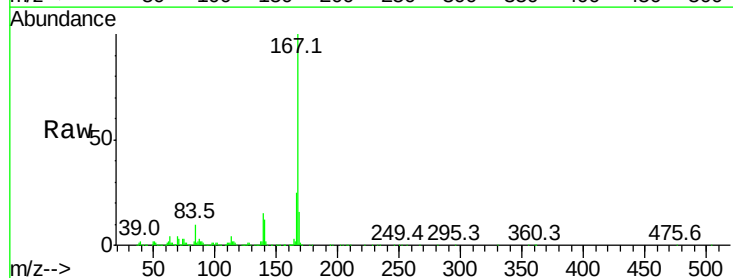
Tgt Ion:167 Resp: 1468554

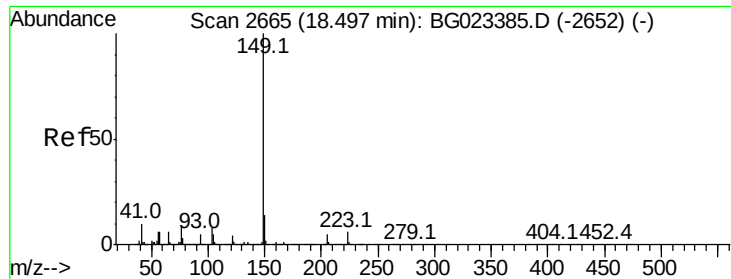
Ion Ratio Lower Upper

167 100

166 25.1 20.7 31.1

139 14.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 44.66 ng

RT: 18.48 min Scan# 2662

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

ClientSampleId :

PB93011BS

Tot Ion:149 Resp: 1717316

Ion Ratio Lower Upper

149 100

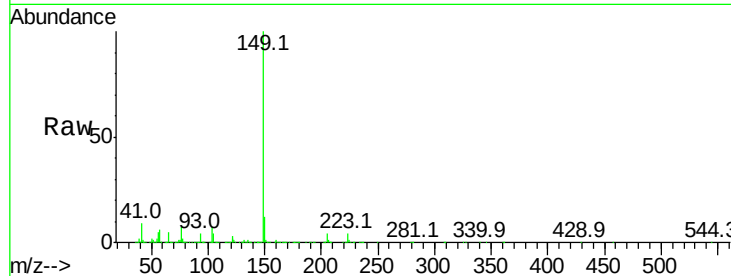
150 11.7 9.1 13.7

104 7.4 6.9 10.3

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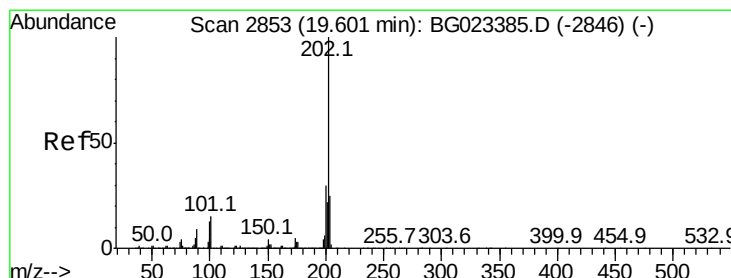
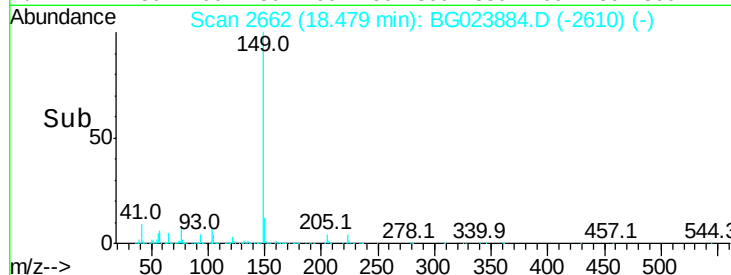
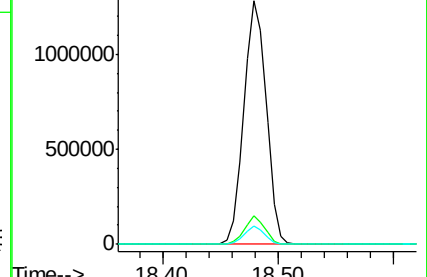
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.06 ng

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

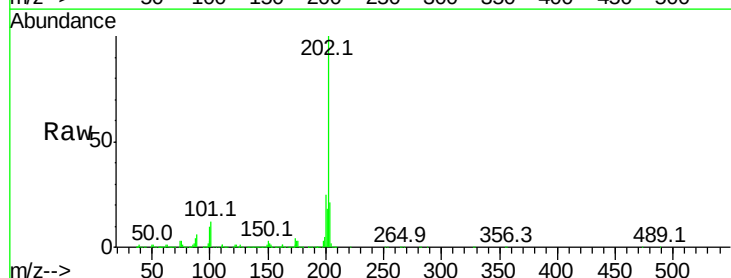
Tgt Ion:202 Resp: 1816491

Ion Ratio Lower Upper

202 100

101 11.7 0.0 27.4

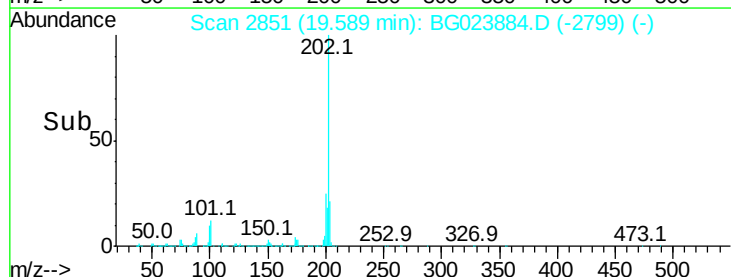
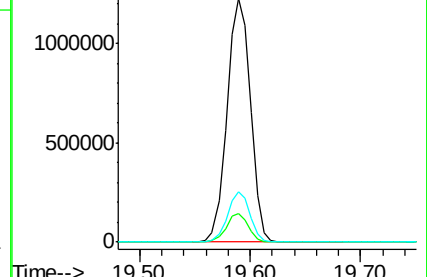
203 20.9 1.7 41.7

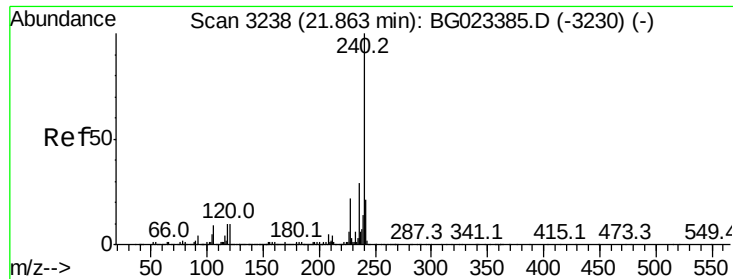


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

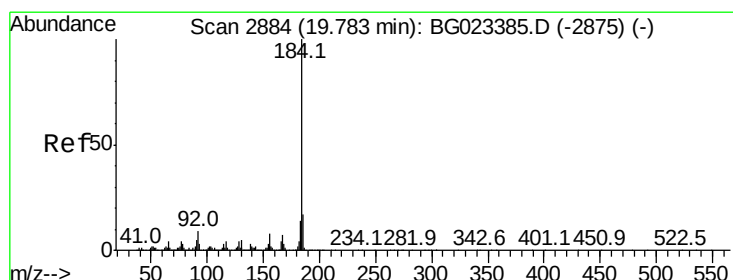
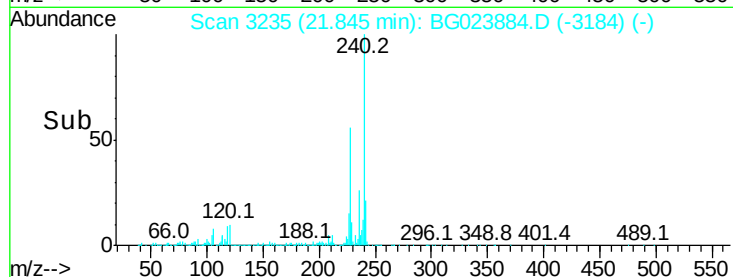
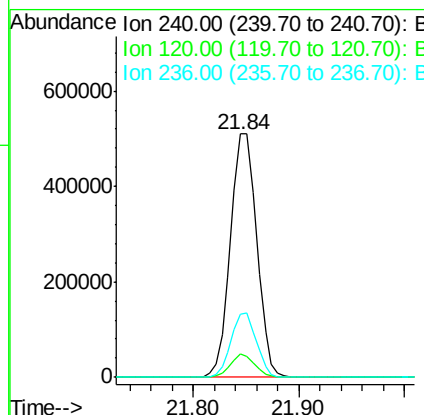
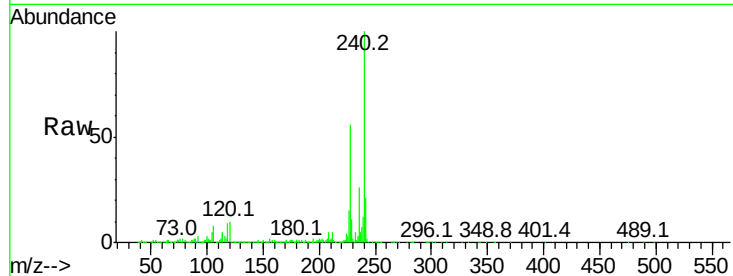
ClientSampleId :

PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.7	4.1	6.1#	
236	26.1	21.1	31.7	

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#76

Benzidine

Concen: 31.65 ng

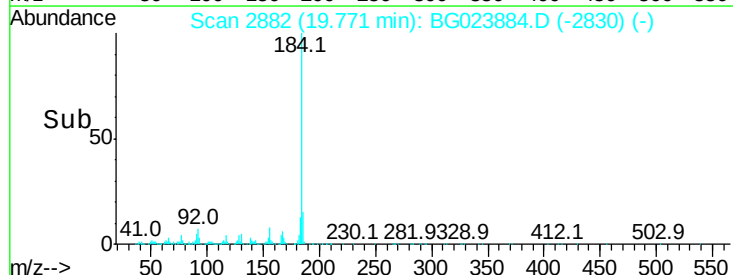
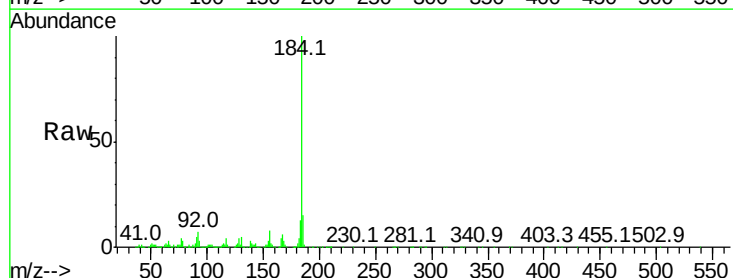
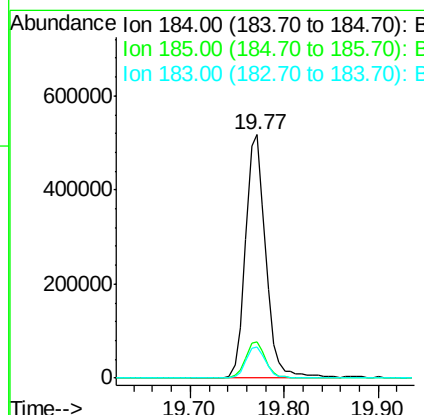
RT: 19.77 min Scan# 2882

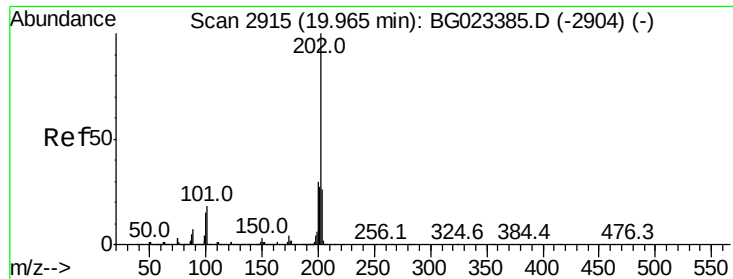
Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.8	12.6	19.0	
183	12.6	10.7	16.1	





#77

Pvrene

Concen: 35.62 ng

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

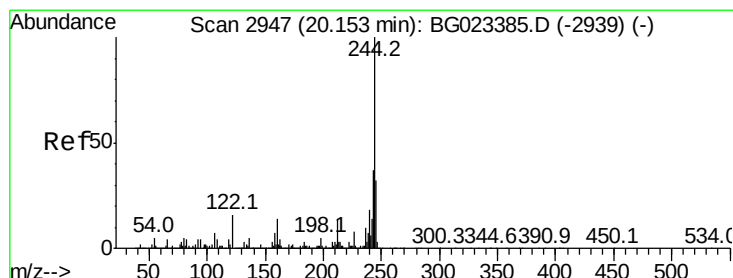
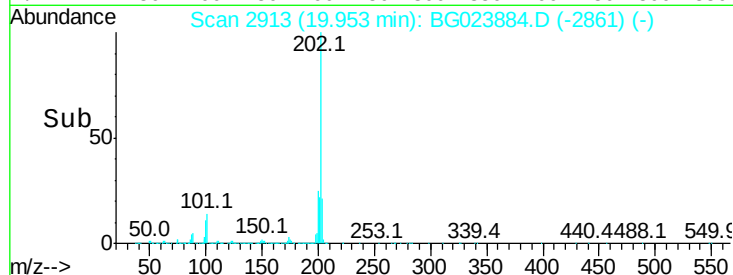
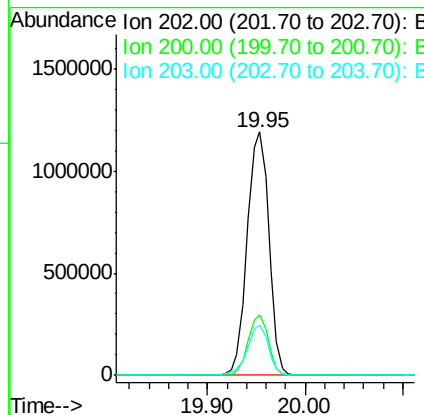
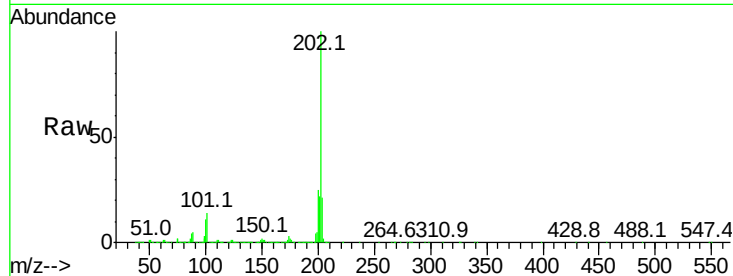
ClientSampleId :

PB93011BS

Tot Ion:	202	Resp:	1859131
Ion	Ratio	Lower	Upper
202	100		
200	24.9	21.2	31.8
203	20.8	16.8	25.2

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#78

Terphenyl-d14

Concen: 81.07 ng

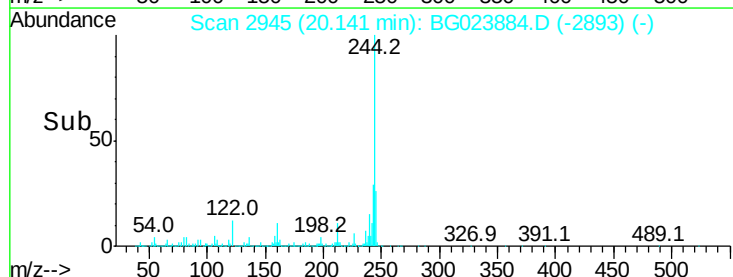
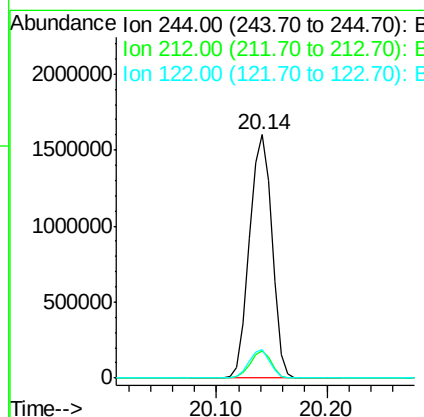
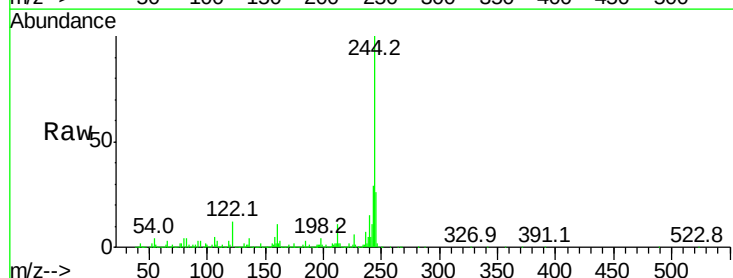
RT: 20.14 min Scan# 2945

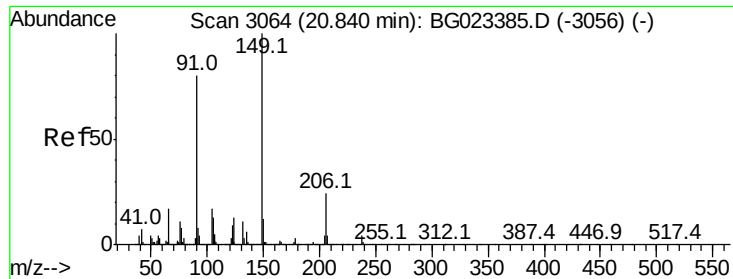
Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion:	244	Resp:	2295429
Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.8	16.2
122	12.0	8.0	12.0





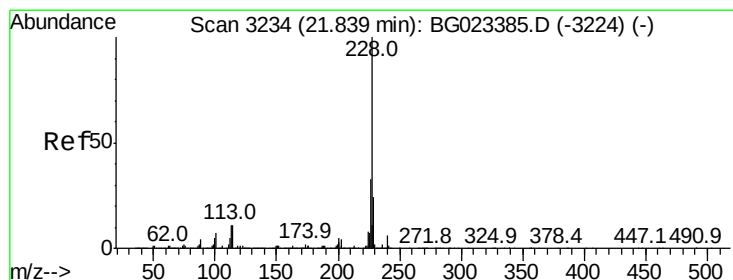
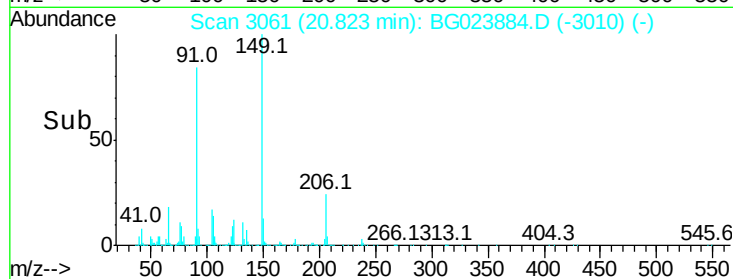
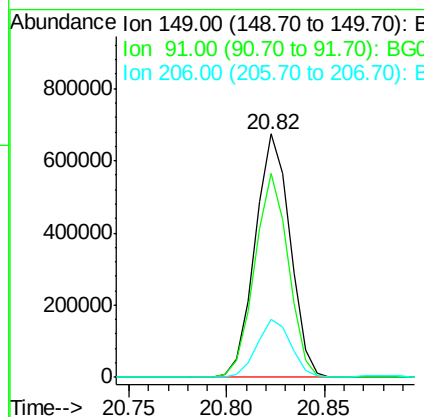
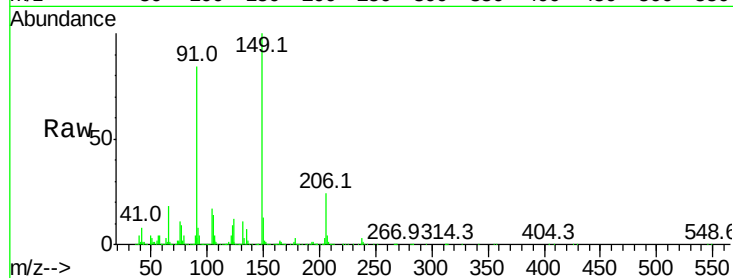
#79
Butylbenzylphthalate
Concen: 39.62 ng
RT: 20.82 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.6	68.1	102.1
206	23.9	19.8	29.6

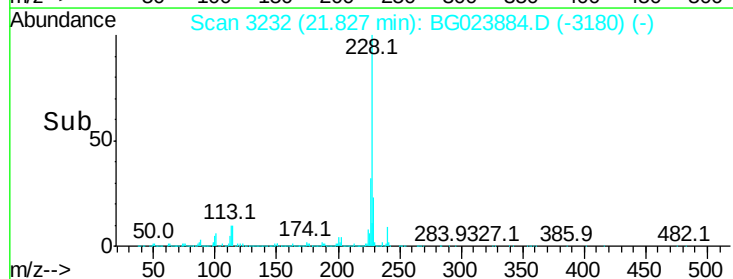
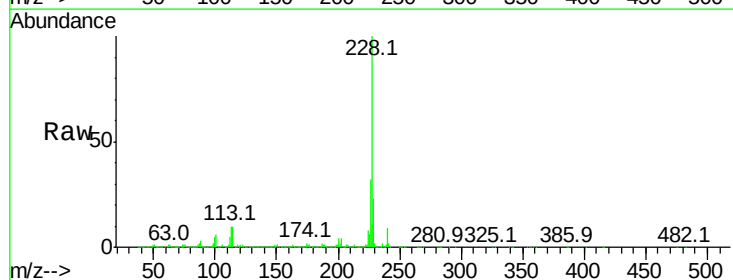
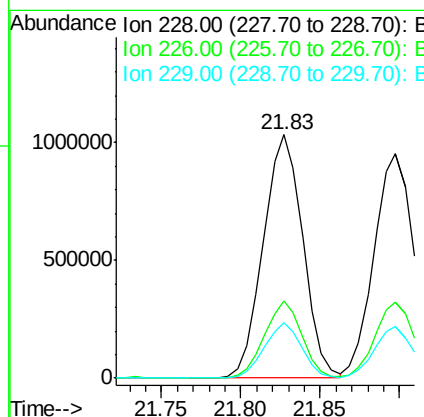
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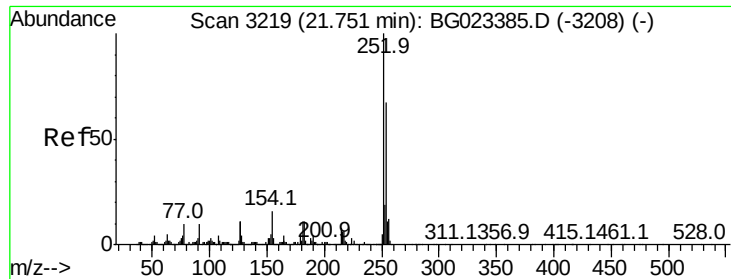
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#80
Benzo(a)anthracene
Concen: 37.08 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.3	37.9
229	23.0	19.9	29.9





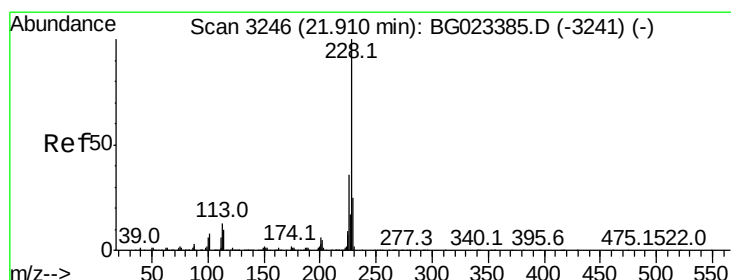
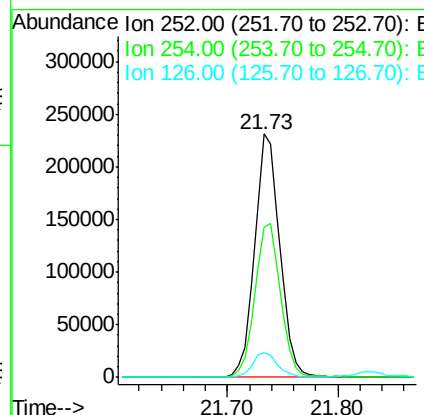
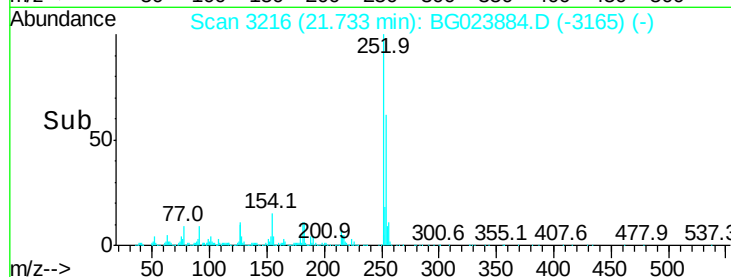
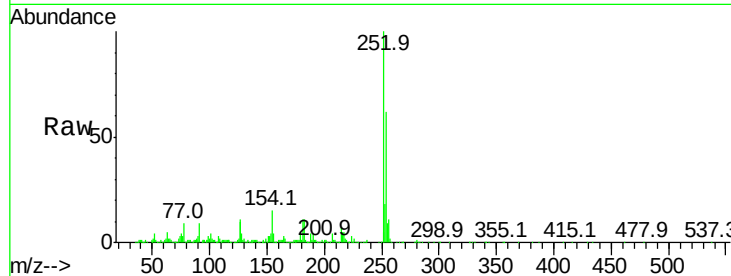
#81
 3,3'-Dichlorobenzidine
 Concen: 18.64 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	369875		
254	61.6	51.2	76.8	
126	10.2	5.3	7.9	

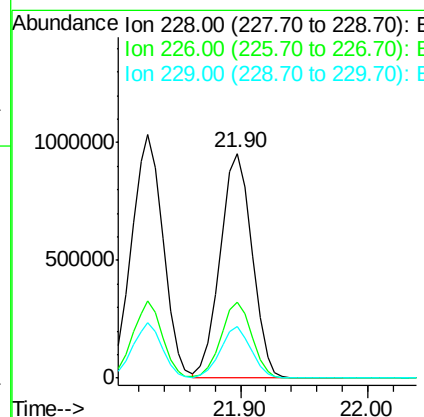
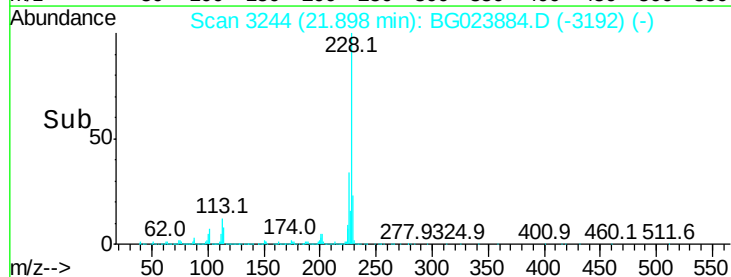
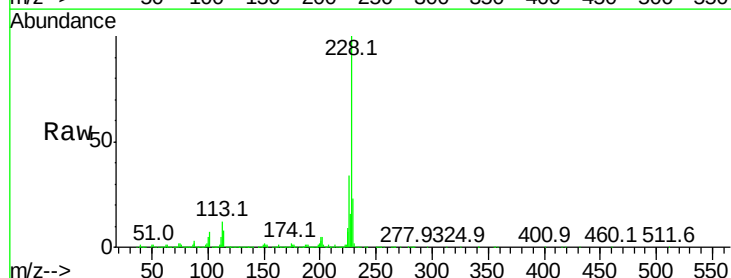
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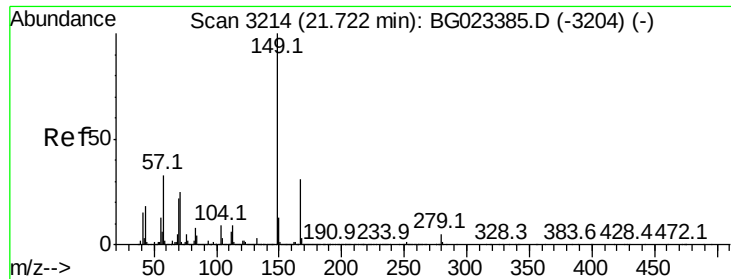
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#82
 Chrysene
 Concen: 36.29 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1670267		
226	33.9	26.7	40.1	
229	22.9	17.4	26.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.88 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

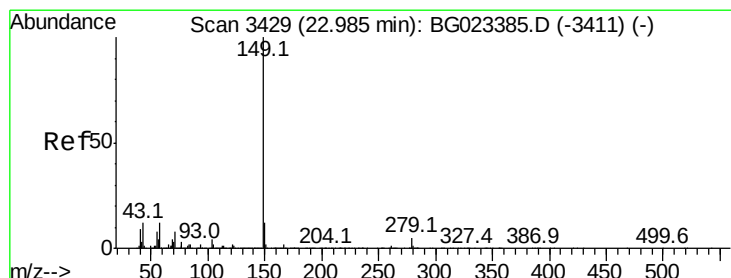
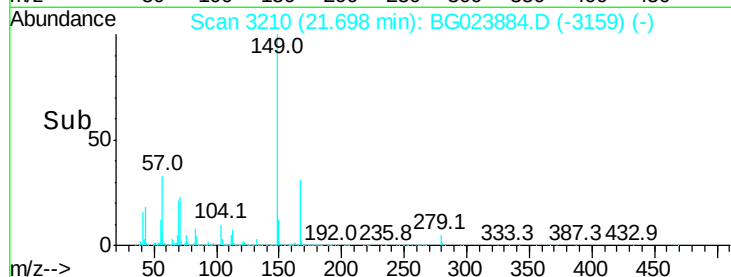
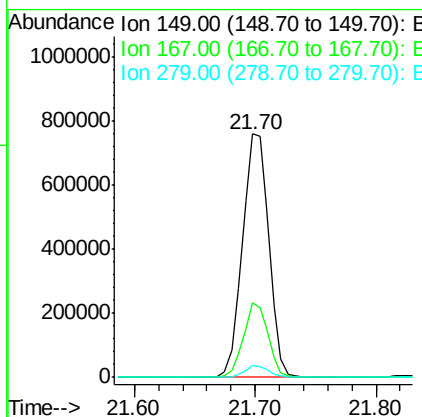
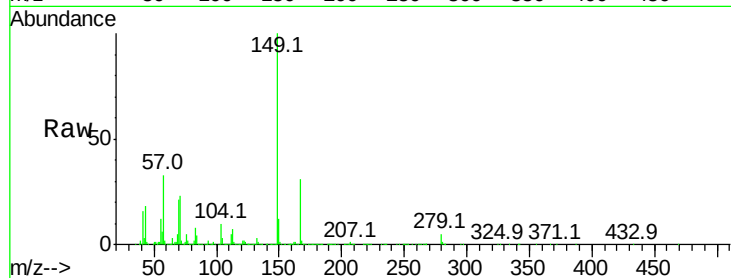
ClientSampleId :

PB93011BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.0	36.0
279	4.8	4.8	7.2

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#84

Di-n-octyl phthalate

Concen: 39.44 ng

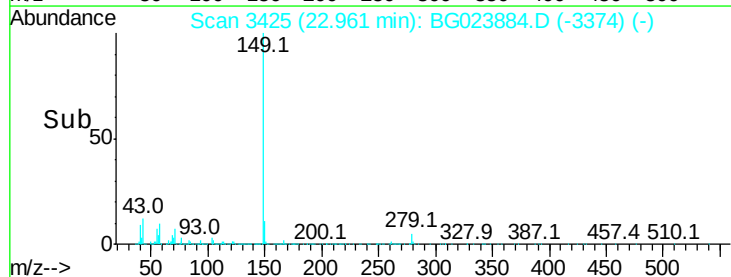
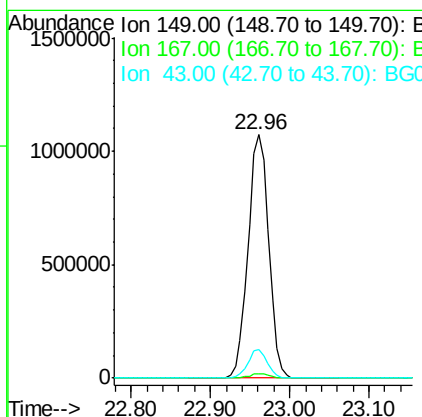
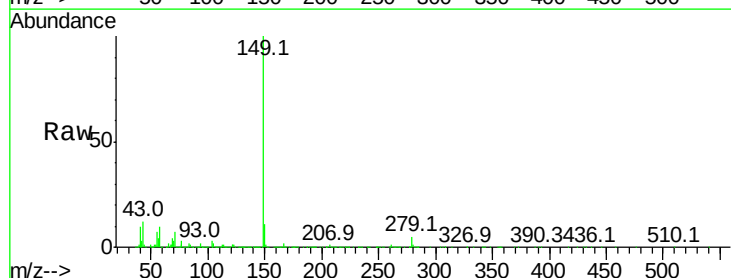
RT: 22.96 min Scan# 3425

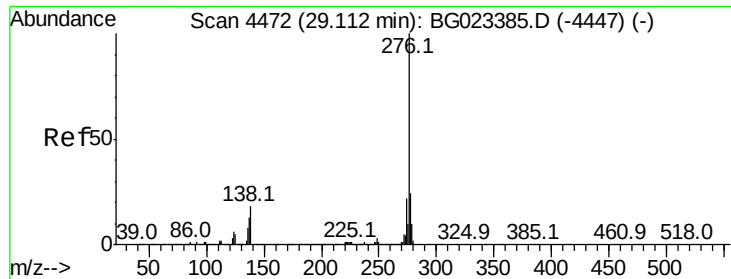
Delta R.T. -0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	11.0	8.8	13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.70 ng

RT: 29.11 min Scan# 4471

Delta R.T. -0.01 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

ClientSampleId :

PB93011BS

Tot Ion:276 Resp: 2053093

Ion Ratio Lower Upper

276 100

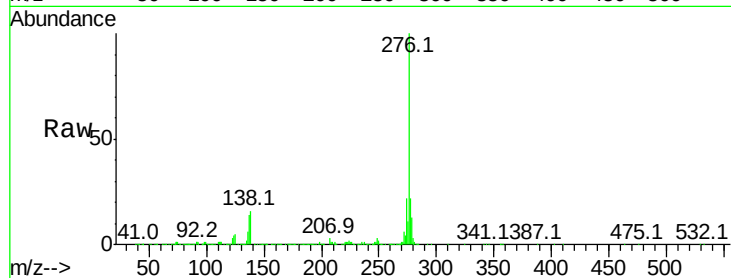
138 21.4 0.0 0.0#

277 25.9 0.0 0.0#

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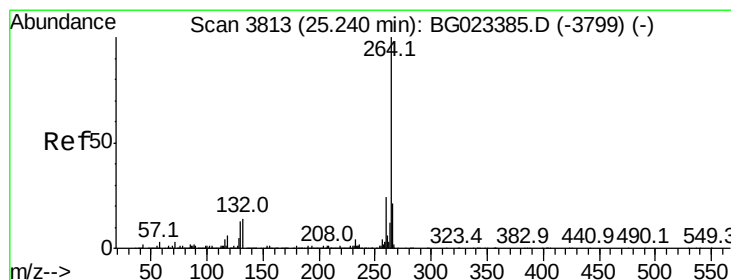
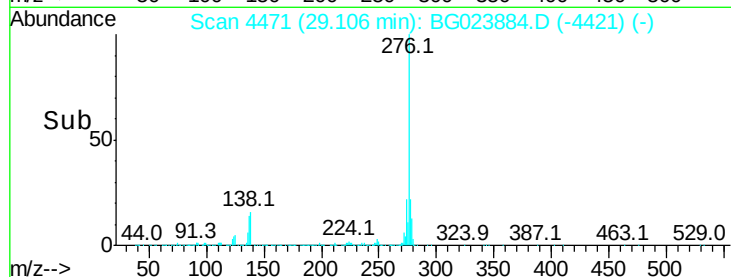
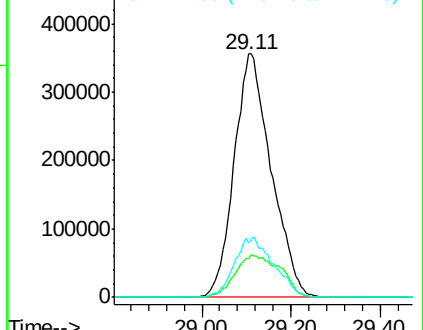
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. 0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

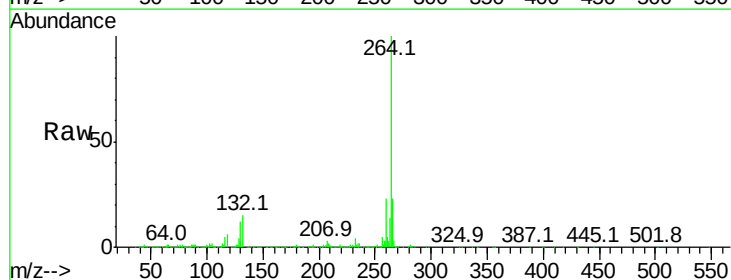
Tgt Ion:264 Resp: 892680

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

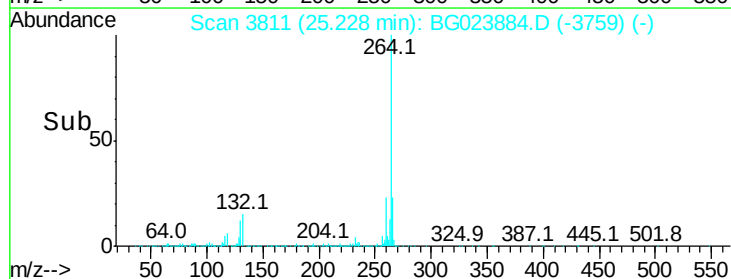
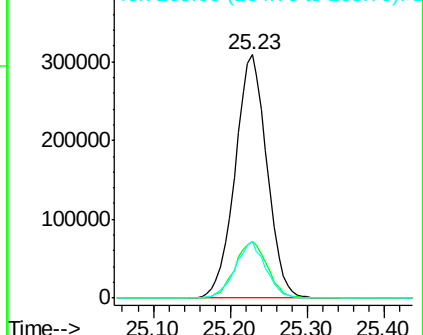
265 23.1 18.9 28.3

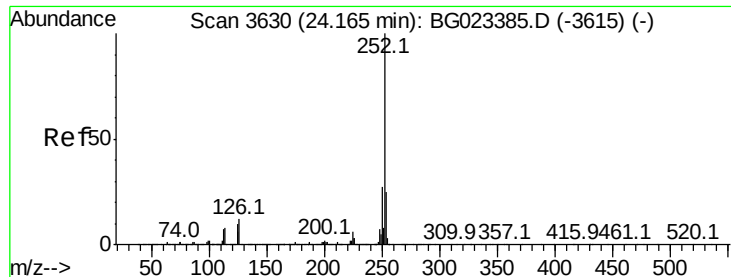


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.30 ng

RT: 24.15 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

Instrument :

BNA_G

ClientSampleId :

PB93011BS

Tot Ion:252 Resp: 1823048

Ion Ratio Lower Upper

252 100

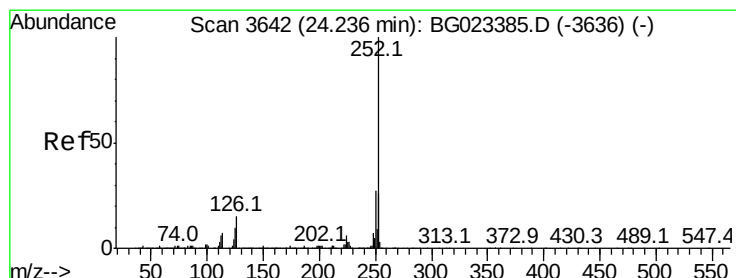
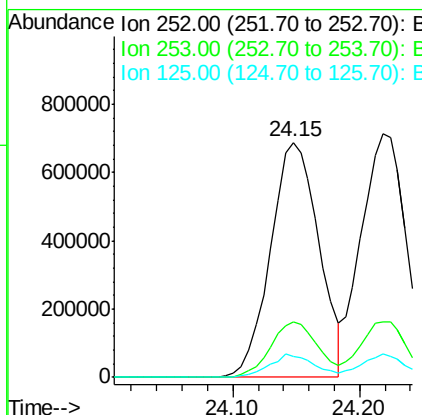
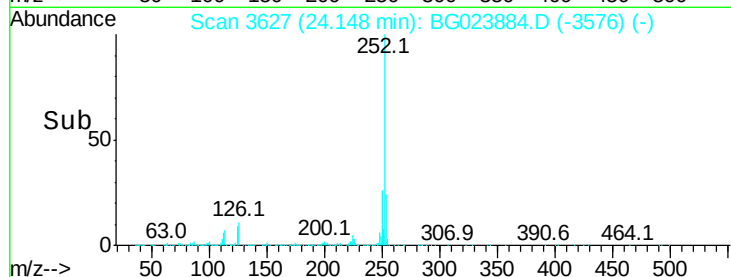
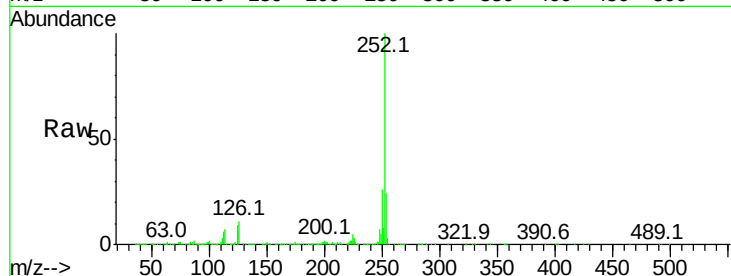
253 23.7 18.9 28.3

125 9.1 3.9 5.9#

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#88

Benzo(k)fluoranthene

Concen: 36.51 ng

RT: 24.22 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG023884.D

Acq: 24 Aug 2016 14:56

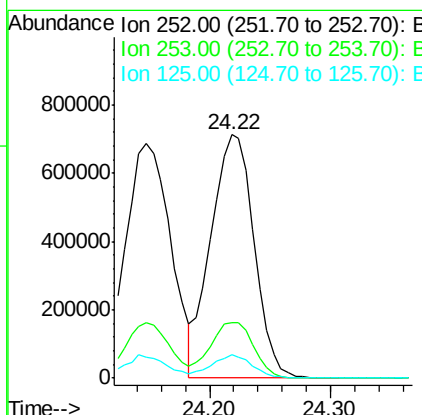
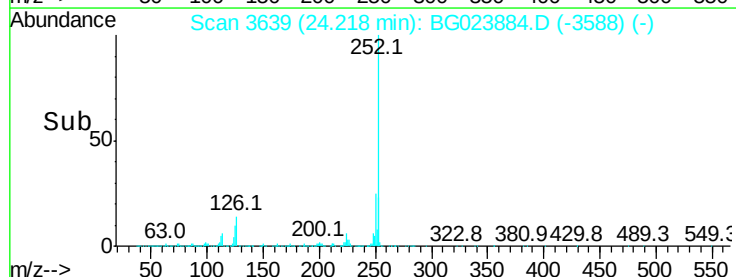
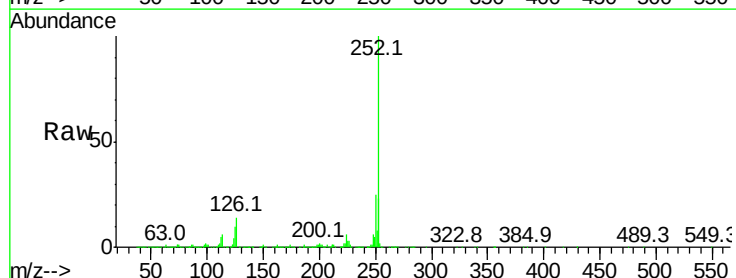
Tgt Ion:252 Resp: 1761205

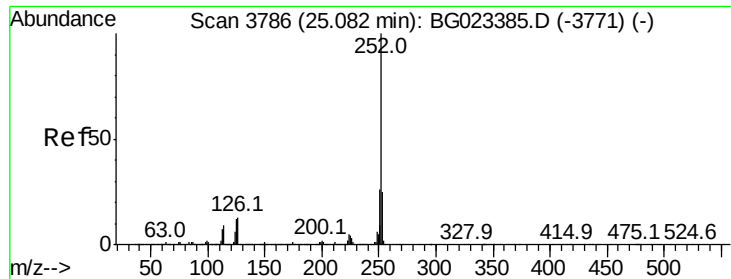
Ion Ratio Lower Upper

252 100

253 23.0 18.8 28.2

125 9.7 3.2 4.8#





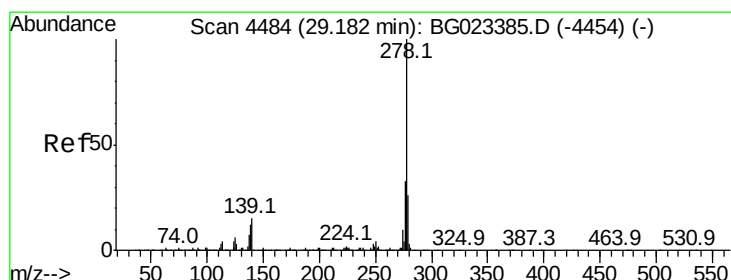
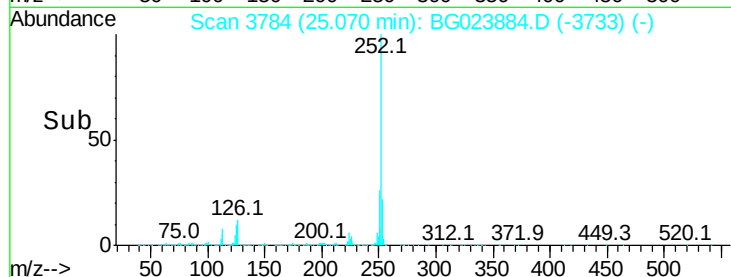
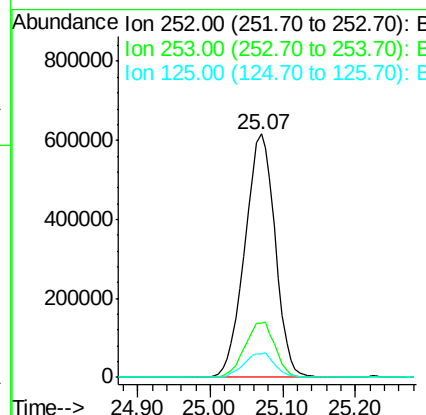
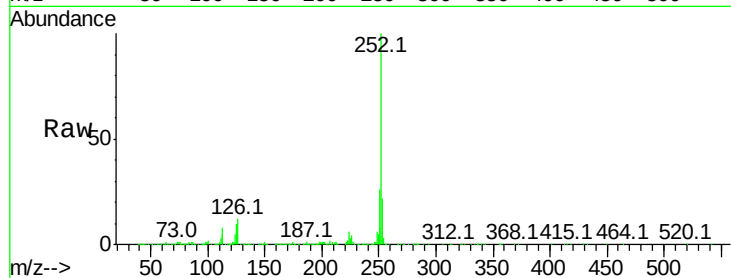
#89
Benzo(a)pyrene
Concen: 37.35 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.7	28.1
125	9.6	3.9	5.9

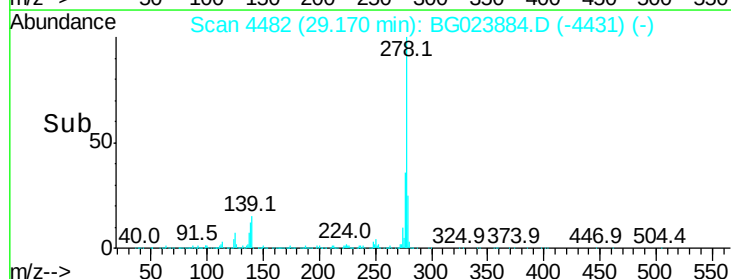
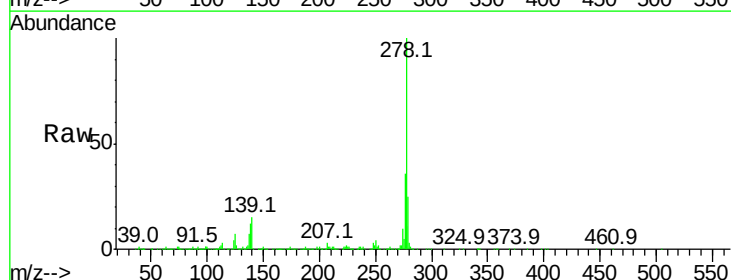
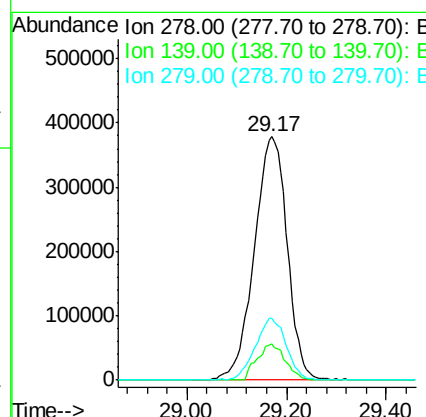
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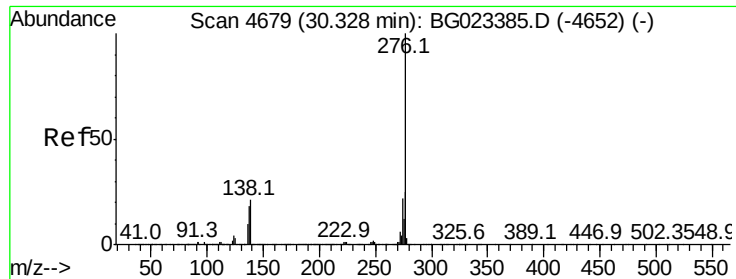
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#90
Dibenzo(a,h)anthracene
Concen: 35.53 ng
RT: 29.17 min Scan# 4482
Delta R.T. -0.00 min
Lab File: BG023884.D
Acq: 24 Aug 2016 14:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	4.7	7.1
279	25.3	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 34.42 ng
 RT: 30.33 min Scan# 4679
 Delta R.T. 0.00 min
 Lab File: BG023884.D
 Acq: 24 Aug 2016 14:56

Instrument :
 BNA_G
 ClientSampleId :
 PB93011BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.2	18.6	27.8	
138	17.4	6.8	10.2	

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