

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023442.D
 Acq On : 4 Aug 2016 2:02
 Operator : UM/SJ
 Sample : H4176-20MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Manual Integrations
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Quant Time: Aug 04 03:48:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	115750	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	532715	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	397192	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	988541	20.00	ng	0.00
75) Chrysene-d12	21.86	240	962816	20.00	ng	0.00
86) Perylene-d12	25.23	264	936546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	491288	71.45	ng	0.00
7) Phenol-d6	7.28	99	502610	46.93	ng	0.00
23) Nitrobenzene-d5	9.30	82	1058392	98.77	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	852515	146.74	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2194994	93.21	ng	0.00
78) Terphenyl-d14	20.15	244	2964276	99.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	42469	14.50	ng	# 91
3) Pyridine	3.93	79	117967	12.25	ng	96
4) n-Nitrosodimethylamine	3.84	42	66370	18.59	ng	# 81
6) Aniline	7.43	93	374936	24.23	ng	94
8) 2-Chlorophenol	7.68	128	309610	39.19	ng	98
9) Benzaldehyde	7.25	77	201671	31.17	ng	92
10) Phenol	7.30	94	192988	16.84	ng	82
11) bis(2-Chloroethyl)ether	7.53	93	401123	43.89	ng	92
12) 1,3-Dichlorobenzene	8.00	146	346429m	38.30	ng	
13) 1,4-Dichlorobenzene	8.15	146	358596	38.73	ng	92
14) 1,2-Dichlorobenzene	8.47	146	352409	38.80	ng	91
15) Benzyl Alcohol	8.36	79	286328	35.28	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	537583	39.99	ng	92
17) 2-Methylphenol	8.57	107	267884	34.87	ng	89
18) Hexachloroethane	9.21	117	134414	38.57	ng	97
19) n-Nitroso-di-n-propylamine	8.93	70	411419	44.66	ng	96
20) 3+4-Methylphenols	8.90	107	345793	31.93	ng	88
22) Acetophenone	8.95	105	591969	40.58	ng	# 91
24) Nitrobenzene	9.34	77	576920	48.62	ng	# 90
25) Isophorone	9.86	82	1112622	49.85	ng	# 95
26) 2-Nitrophenol	10.05	139	233762	46.68	ng	# 80
27) 2,4-Dimethylphenol	10.11	122	370824	43.49	ng	85
28) bis(2-Chloroethoxy)methane	10.34	93	631471	47.06	ng	99
29) 2,4-Dichlorophenol	10.60	162	432841	50.48	ng	99
30) 1,2,4-Trichlorobenzene	10.81	180	403562	43.64	ng	95
31) Naphthalene	11.00	128	1205457	44.44	ng	99
32) Benzoic acid	10.20	122	64959	13.61	ng	# 82
33) 4-Chloroaniline	11.11	127	340203	26.23	ng	94
34) Hexachlorobutadiene	11.28	225	266315	43.79	ng	97
35) Caprolactam	11.90	113	30443	8.44	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	518996	46.07	ng	91
37) 2-Methylnaphthalene	12.60	142	974605	47.26	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	500783	34.77	ng	98
40) Hexachlorocyclopentadiene	12.95	237	570218	78.51	ng	99

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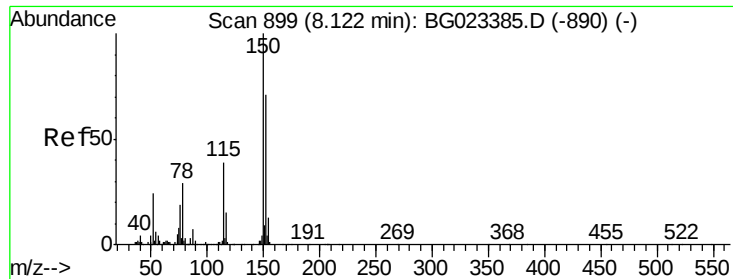
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	410088	47.80	nq	99
43) 2,4,5-Trichlorophenol	13.29	196	440957	49.92	nq	91
45) 1,1'-Biphenyl	13.61	154	1227013	40.41	nq	97
46) 2-Chloronaphthalene	13.66	162	1077943	45.89	nq	98
47) 2-Nitroaniline	13.87	65	493190	50.57	nq	# 84
48) Acenaphthylene	14.51	152	1727661	46.53	nq	97
49) Dimethylphthalate	14.23	163	1588471	52.13	nq	97
50) 2,6-Dinitrotoluene	14.36	165	366896	50.84	nq	88
51) Acenaphthene	14.85	154	1122572	47.72	nq	99
52) 3-Nitroaniline	14.70	138	261520	32.14	nq	# 82
53) 2,4-Dinitrophenol	14.90	184	469714	101.54	nq	89
54) Dibenzofuran	15.18	168	1766151	51.72	nq	99
55) 4-Nitrophenol	15.01	139	238715	37.35	nq	# 79
56) 2,4-Dinitrotoluene	15.15	165	543621	53.67	nq	95
57) Fluorene	15.84	166	1468399	49.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	467608m	57.69	nq	
59) Diethylphthalate	15.59	149	1579843	51.07	nq	95
60) 4-Chlorophenyl-phenylether	15.82	204	766969	48.63	nq	100
61) 4-Nitroaniline	15.86	138	377830	43.61	nq	# 70
62) Azobenzene	16.12	77	1694096	54.03	nq	90
64) 4,6-Dinitro-2-methylphenol	15.92	198	343167	51.06	nq	94
65) n-Nitrosodiphenylamine	16.04	169	1368563	47.20	nq	92
66) 4-Bromophenyl-phenylether	16.72	248	552998	48.00	nq	96
67) Hexachlorobenzene	16.85	284	601888	47.75	nq	97
68) Atrazine	16.99	200	549393	49.35	nq	96
69) Pentachlorophenol	17.19	266	721540	98.19	nq	99
70) Phenanthrene	17.59	178	2338620	46.62	nq	93
71) Anthracene	17.68	178	2380519	47.19	nq	93
72) Carbazole	17.96	167	2222506	50.17	nq	97
73) Di-n-butylphthalate	18.49	149	2451901	56.55	nq	97
74) Fluoranthene	19.60	202	2638705	58.52	nq	93
76) Benzidine	19.78	184	367745	13.74	nq	96
77) Pyrene	19.97	202	2613790	48.65	nq	96
79) Butylbenzylphthalate	20.83	149	1182996	51.03	nq	99
80) Benzo(a)anthracene	21.84	228	2524566	47.50	nq	98
81) 3,3'-Dichlorobenzidine	21.75	252	695472	31.90	nq	# 93
82) Chrysene	21.91	228	2378038	47.03	nq	95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1581363	49.81	nq	99
84) Di-n-octyl phthalate	22.98	149	2585100	47.71	nq	100
85) Indeno(1,2,3-cd)pyrene	29.11	276	3069207	48.58	nq	# 100
87) Benzo(b)fluoranthene	24.16	252	2651348	50.32	nq	# 95
88) Benzo(k)fluoranthene	24.23	252	2516343	49.72	nq	# 96
89) Benzo(a)pyrene	25.08	252	2520258	50.29	nq	# 96
90) Dibenzo(a,h)anthracene	29.17	278	2606502	50.91	nq	# 91
91) Benzo(g,h,i)perylene	30.32	276	2554400	49.55	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

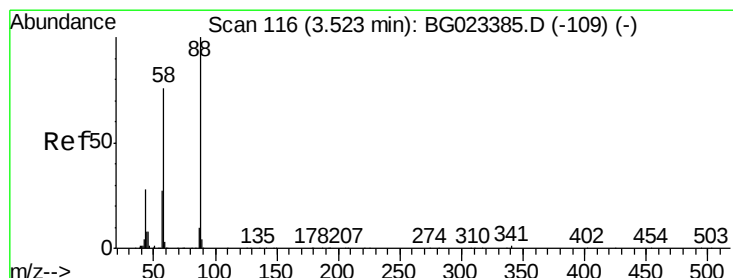
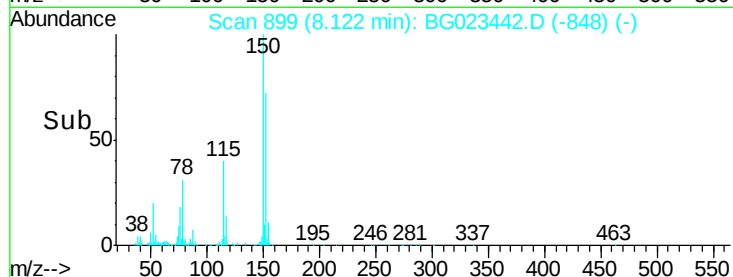
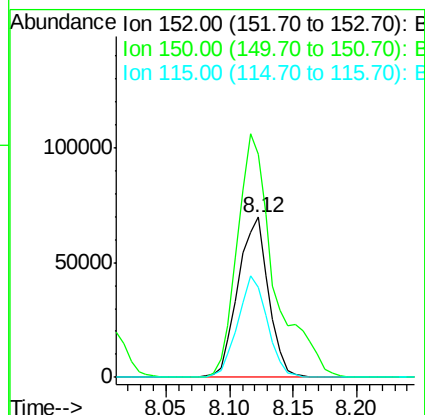
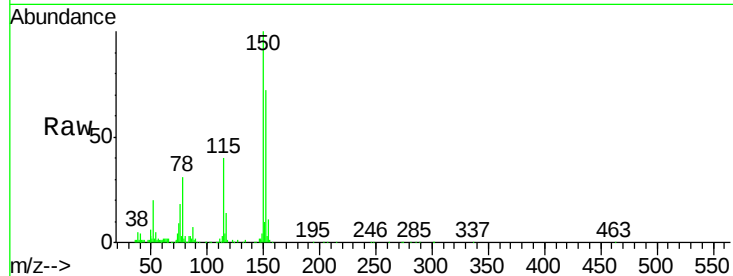
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:	152	Resp:	115750
Ion Ratio	Lower	Upper	
152	100		
150	139.4	144.7	217.1#
115	56.1	64.0	96.0#

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#2

1,4-Dioxane

Concen: 14.50 ng

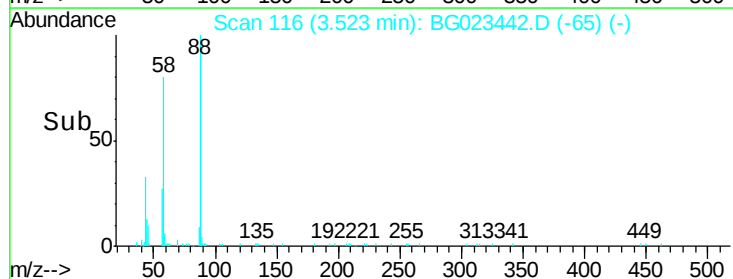
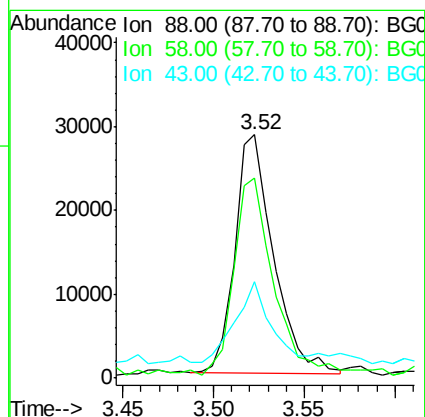
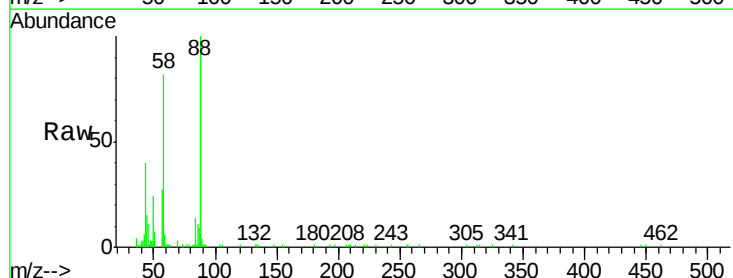
RT: 3.52 min Scan# 116

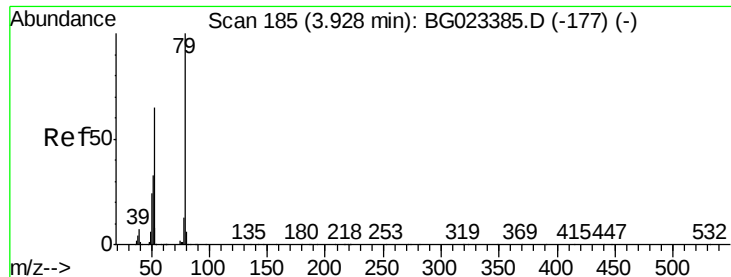
Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:	88	Resp:	42469
Ion Ratio	Lower	Upper	
88	100		
58	80.9	60.4	90.6
43	30.7	31.1	46.7#





#3

Pvridine

Concen: 12.25 ng

RT: 3.93 min Scan# 185

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

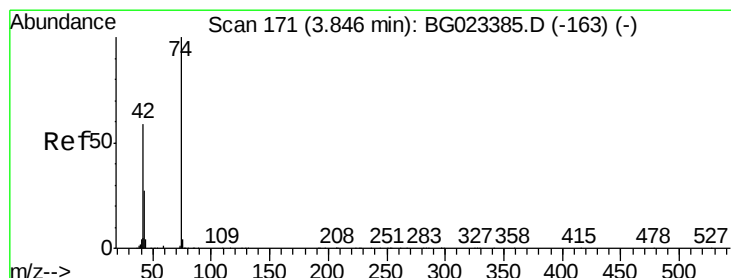
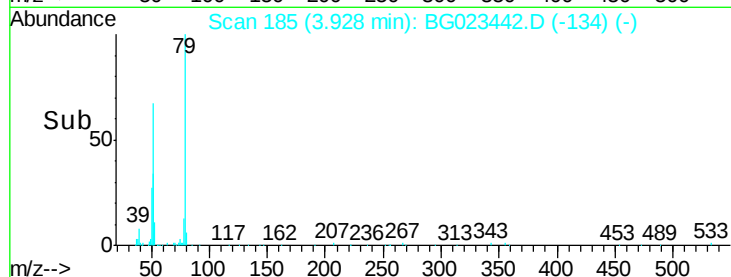
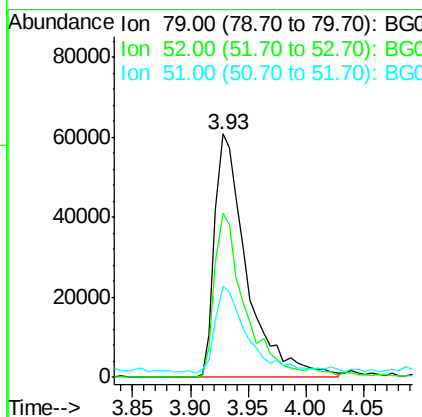
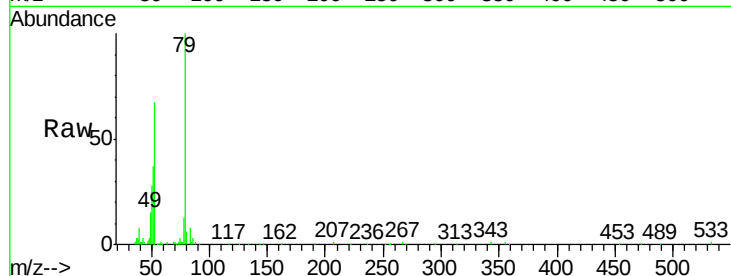
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:	79	Resp:	117967
Ion Ratio	Lower	Upper	
79	100		
52	67.4	51.8	77.8
51	37.4	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 18.59 ng

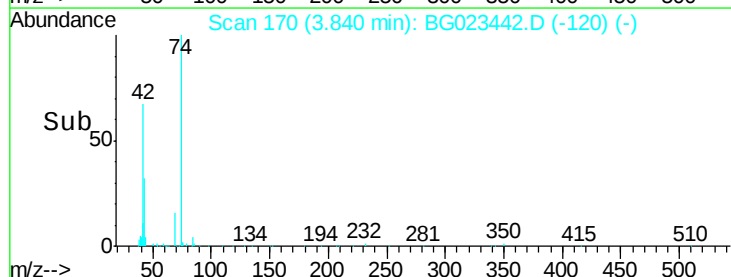
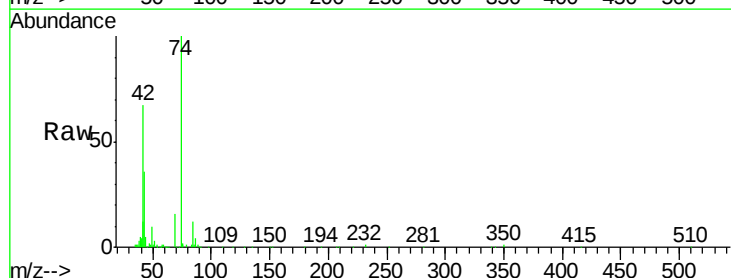
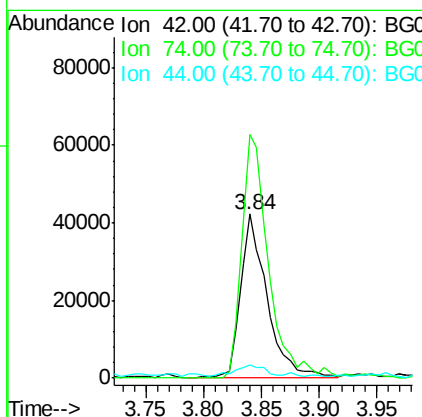
RT: 3.84 min Scan# 170

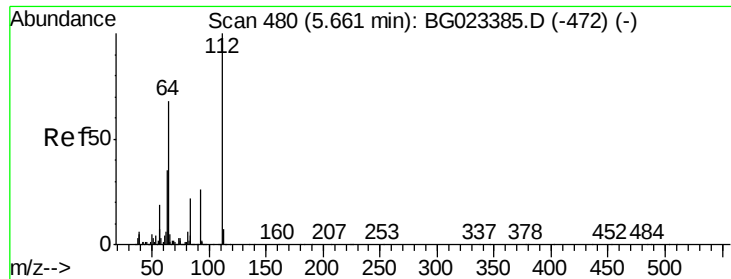
Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:	42	Resp:	66370
Ion Ratio	Lower	Upper	
42	100		
74	148.6	100.6	150.8
44	7.9	4.5	6.7#





#5

2-Fluorophenol

Concen: 71.45 ng

RT: 5.66 min Scan# 480

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion: 112 Resp: 491288

Ion Ratio Lower Upper

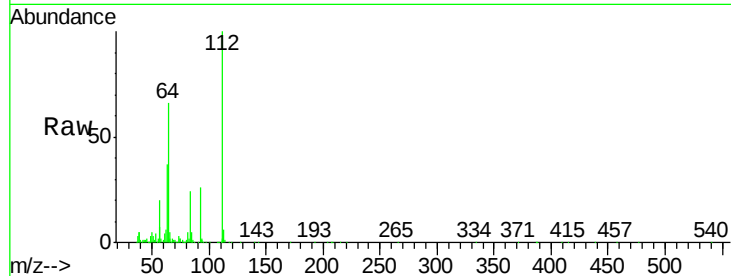
112 100

64 66.2 59.0 88.4

63 36.6 37.8 56.8#

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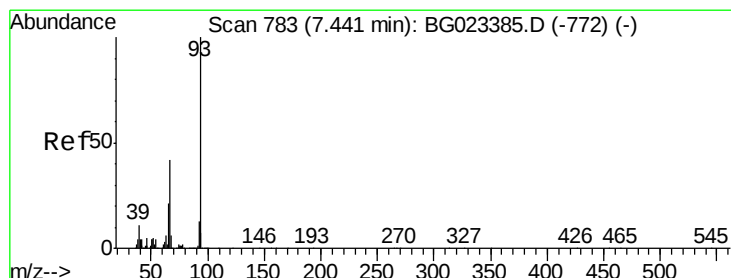
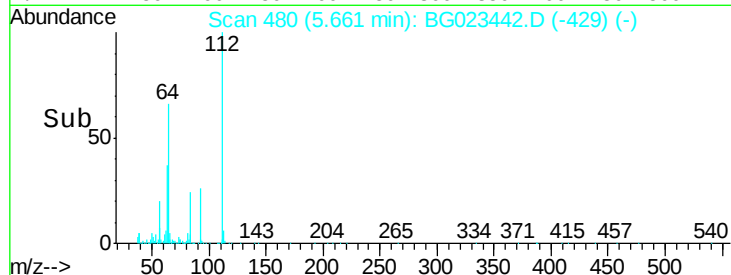
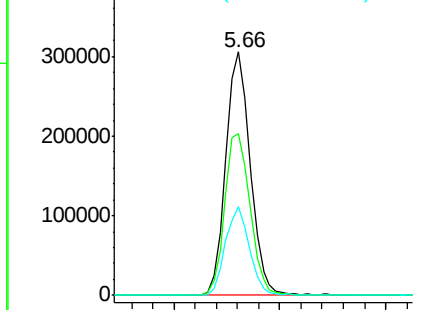
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.23 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

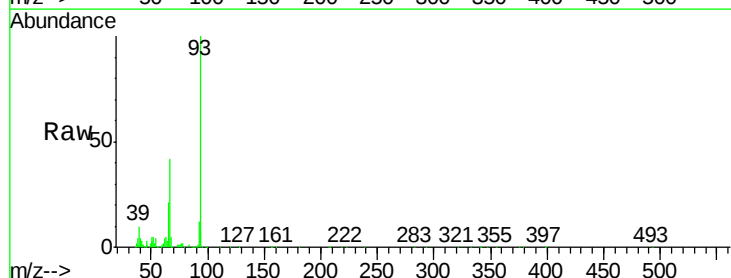
Tgt Ion: 93 Resp: 374936

Ion Ratio Lower Upper

93 100

66 41.9 37.5 56.3

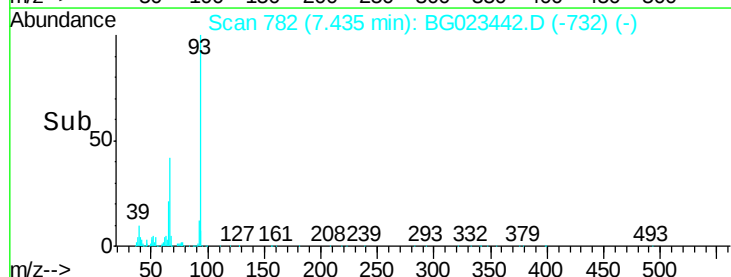
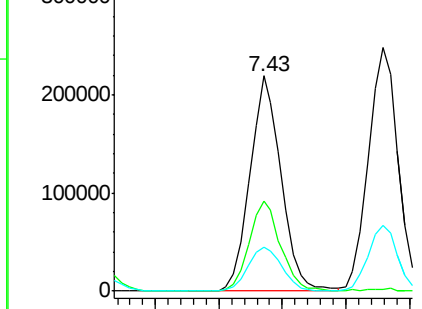
65 20.6 17.9 26.9

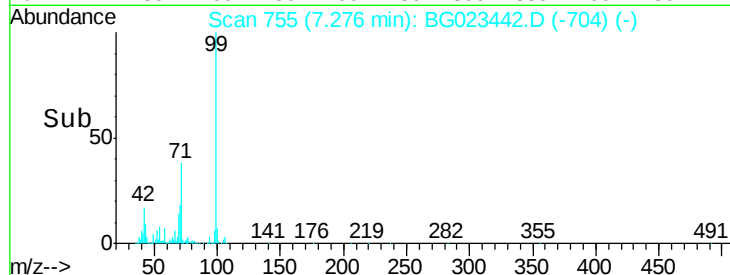
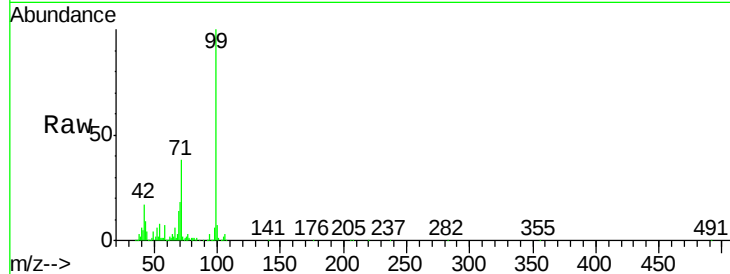
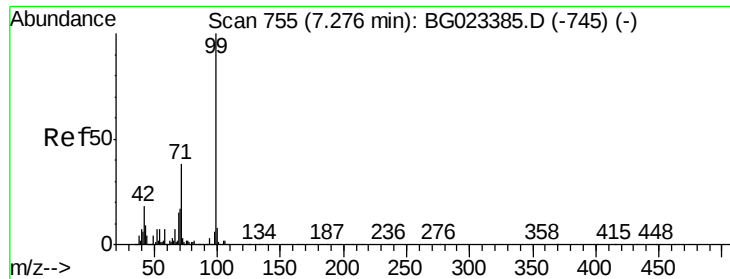


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 46.93 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tot Ion:	99	Resp:	502610
Ion Ratio	Lower	Upper	
99	100		
42	16.9	17.8	26.6#
71	37.7	41.5	62.3#

Instrument :

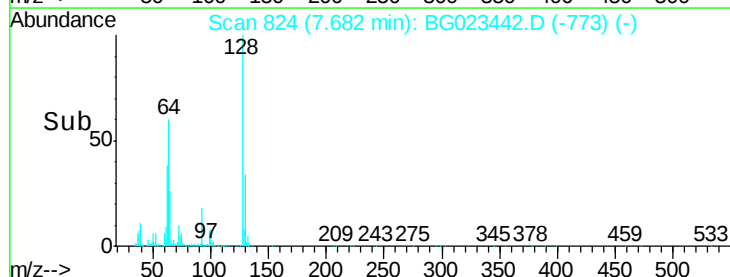
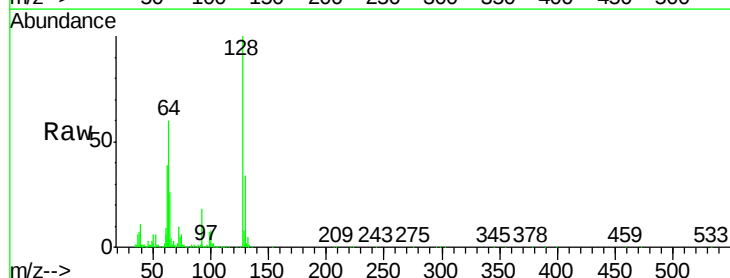
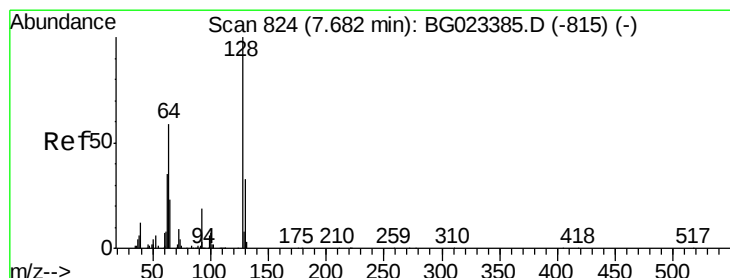
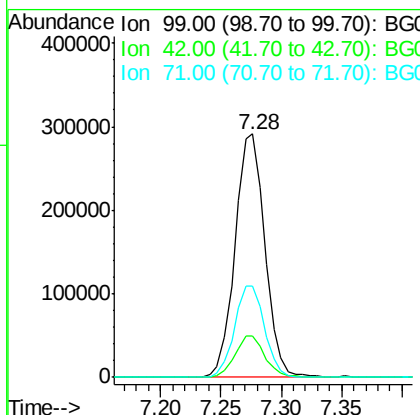
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#8

2-Chlorophenol

Concen: 39.19 ng

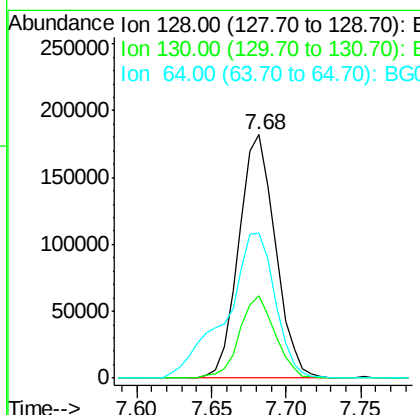
RT: 7.68 min Scan# 824

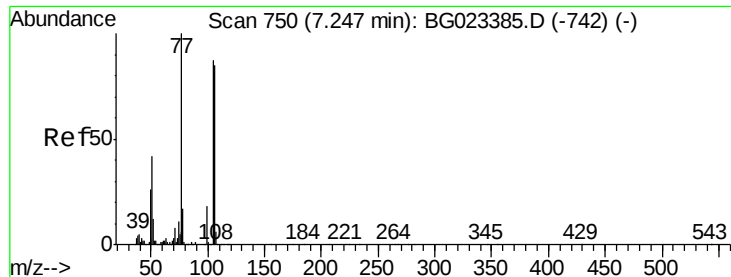
Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:	128	Resp:	309610
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.9	52.9
64	59.6	42.0	82.0





#9

Benzaldehyde

Concen: 31.17 ng

RT: 7.25 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

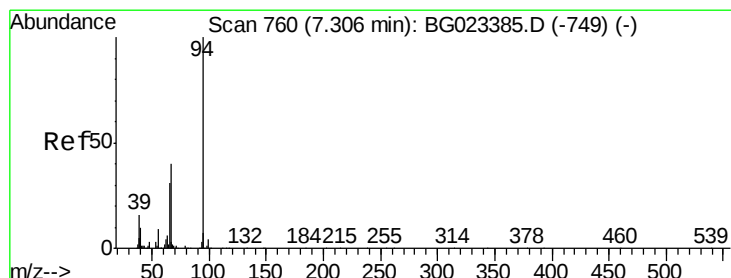
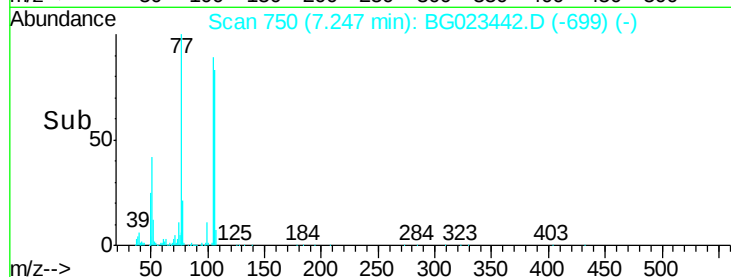
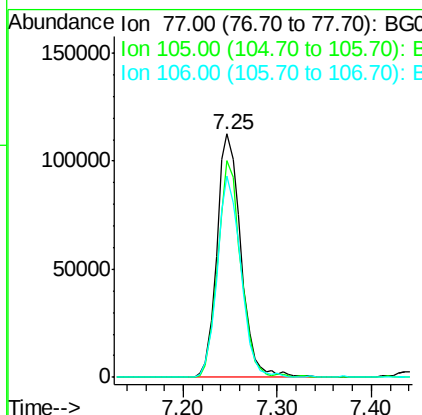
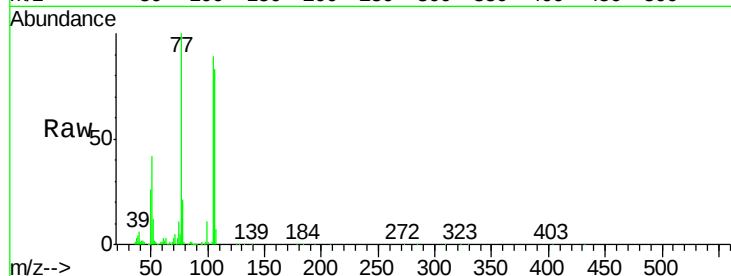
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:	77	Resp:	201671
Ion Ratio	Lower	Upper	
77	100		
105	88.8	58.7	98.7
106	82.9	67.5	107.5

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#10

Phenol

Concen: 16.84 ng

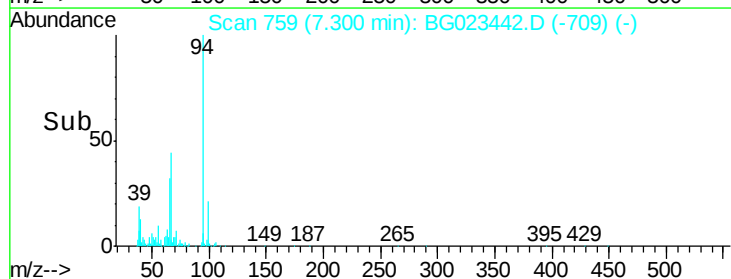
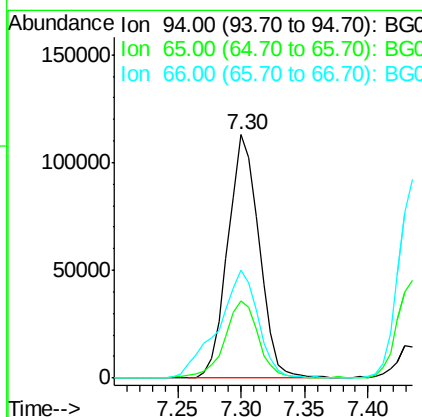
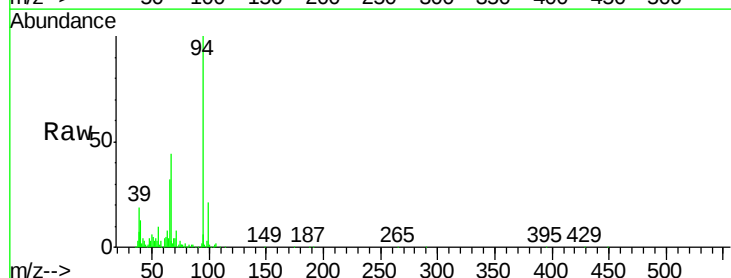
RT: 7.30 min Scan# 759

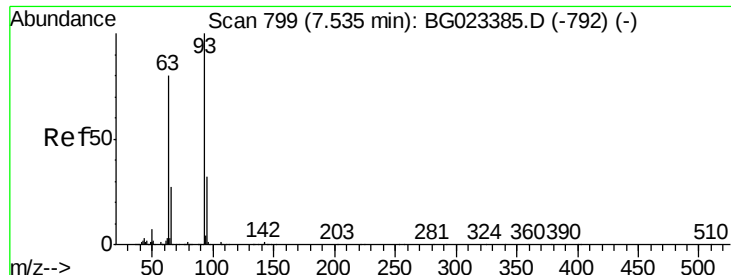
Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:	94	Resp:	192988
Ion Ratio	Lower	Upper	
94	100		
65	31.8	18.1	58.1
66	44.2	42.1	82.1





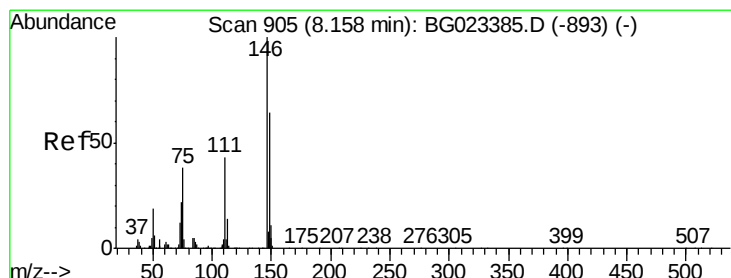
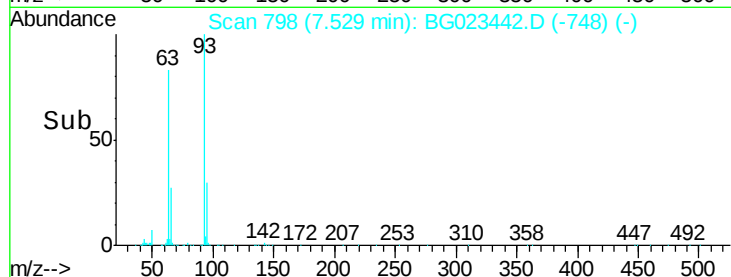
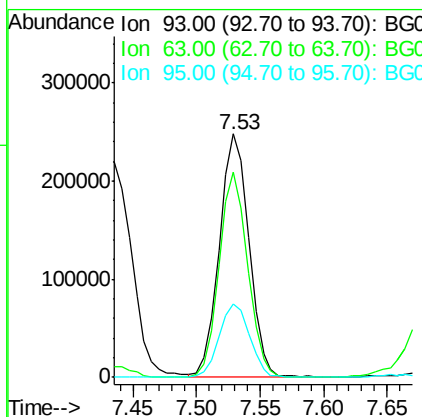
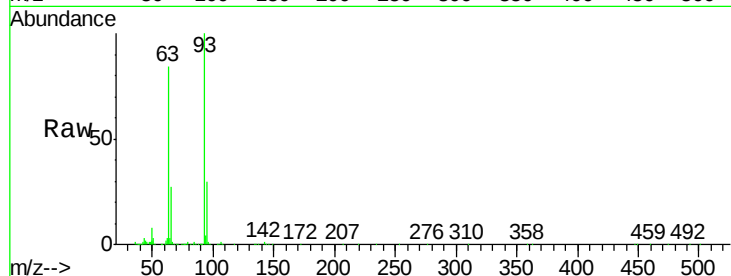
#11
bis(2-Chloroethyl)ether
Concen: 43.89 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.1	55.0	95.0
95	30.3	11.0	51.0

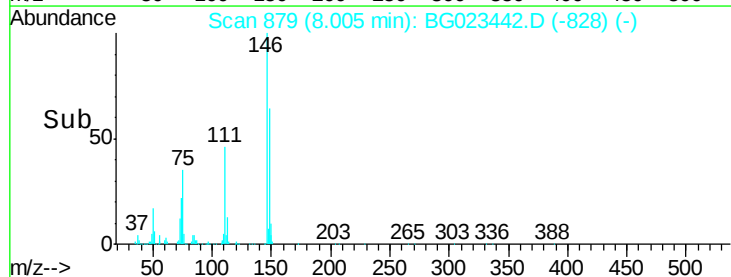
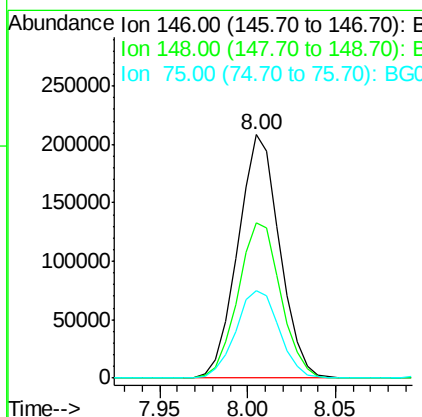
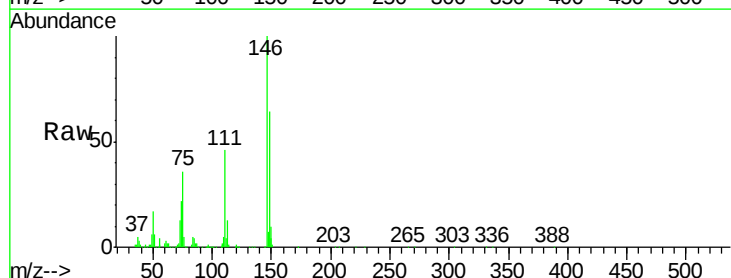
Manual Integrations
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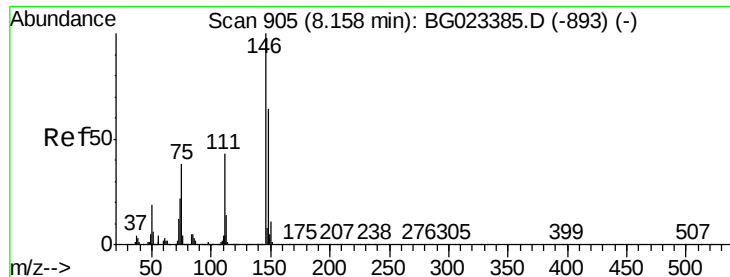
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.30 ng m
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
75	35.9	37.0	55.6#





#13

1,4-Dichlorobenzene

Concen: 38.73 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

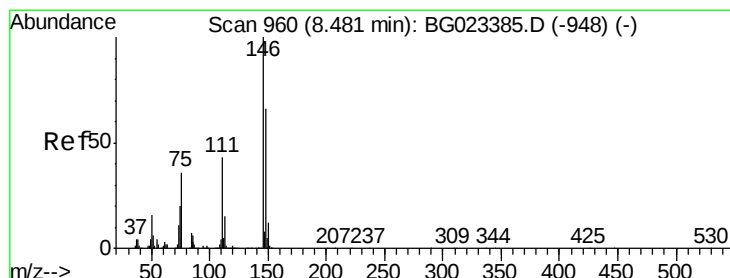
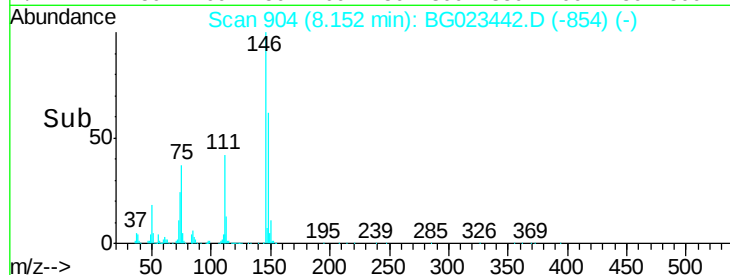
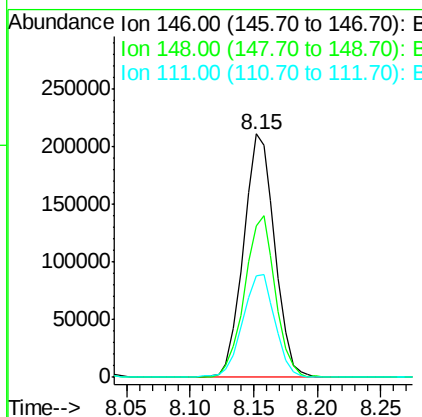
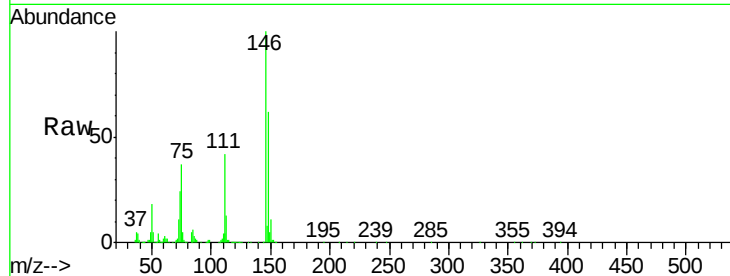
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:	146	Resp:	358596
Ion Ratio	Lower	Upper	
146	100		
148	62.2	54.5	81.7
111	41.9	37.8	56.8

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#14

1,2-Dichlorobenzene

Concen: 38.80 ng

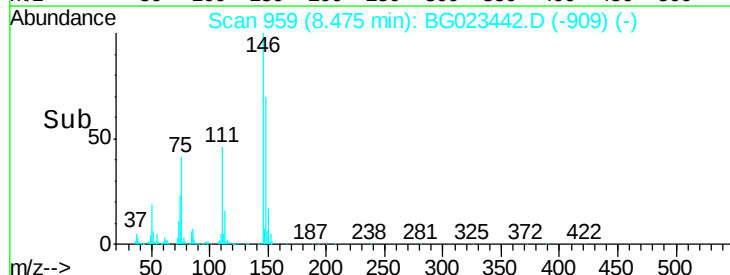
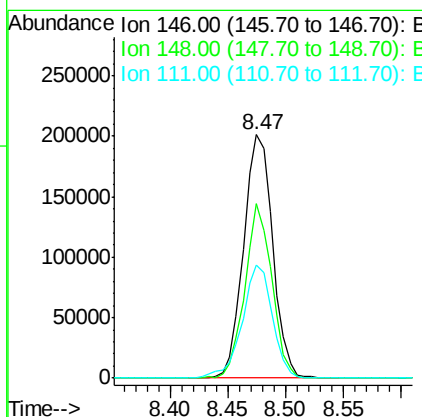
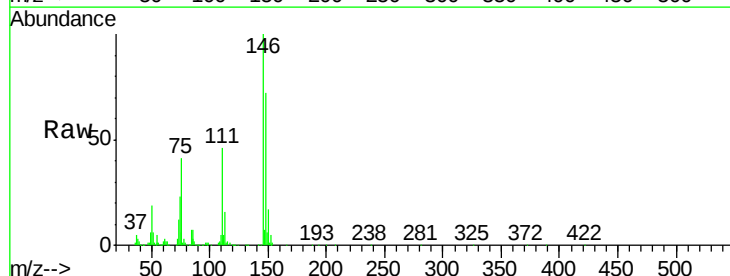
RT: 8.47 min Scan# 959

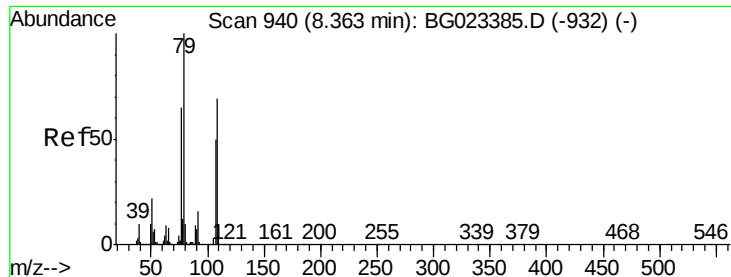
Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:	146	Resp:	352409
Ion Ratio	Lower	Upper	
146	100		
148	71.9	52.9	79.3
111	46.3	43.5	65.3





#15

Benzyl Alcohol

Concen: 35.28 ng

RT: 8.36 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

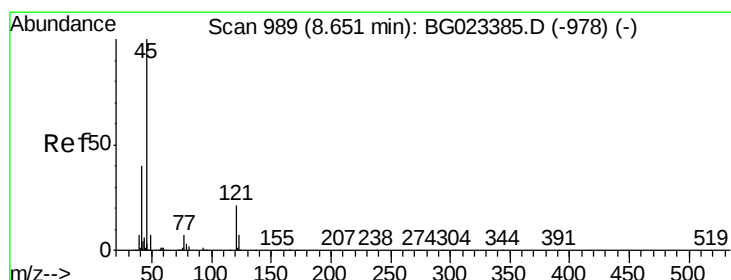
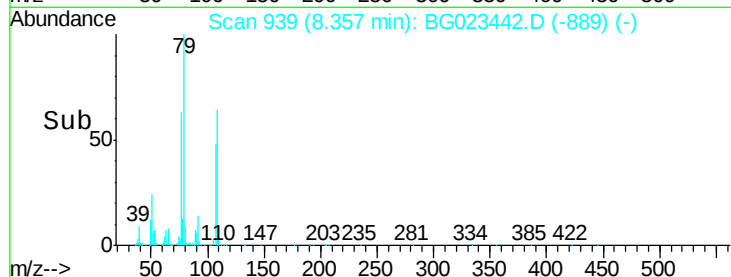
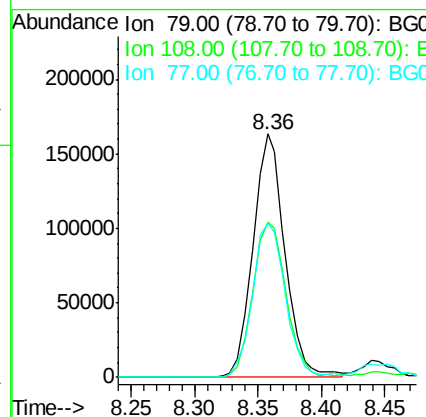
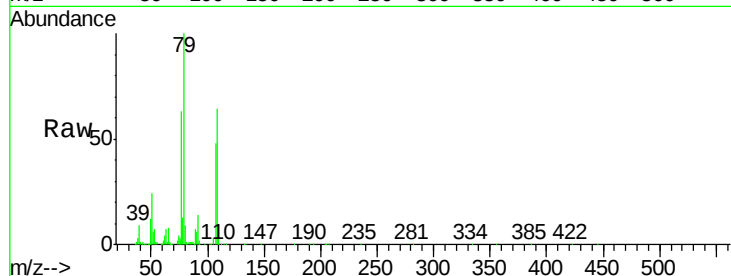
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:	79	Resp:	286328
Ion Ratio	Lower	Upper	
79	100		
108	63.7	46.5	69.7
77	63.2	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.99 ng

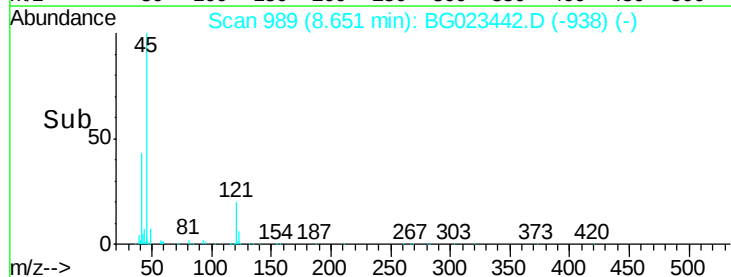
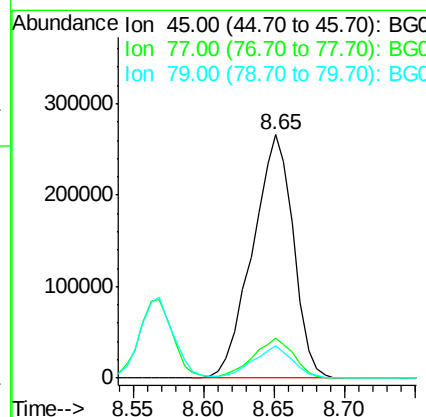
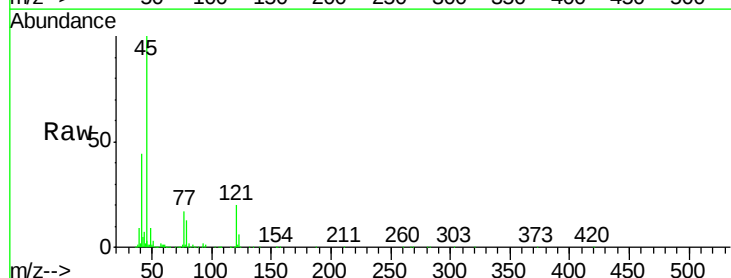
RT: 8.65 min Scan# 989

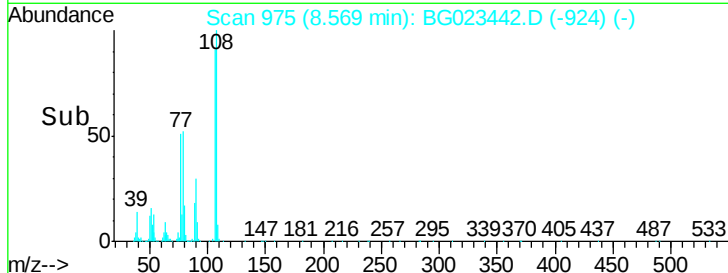
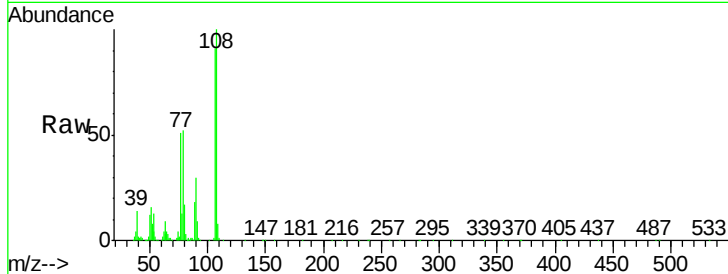
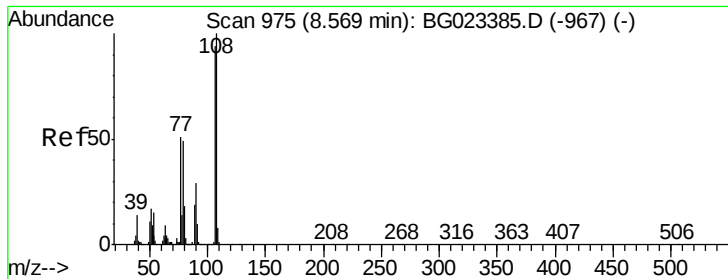
Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

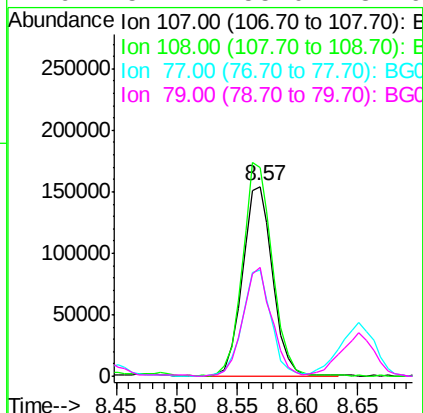
Tgt Ion:	45	Resp:	537583
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.6	40.6
79	13.4	0.0	36.2





#17
2-Methylphenol
Concen: 34.87 ng
RT: 8.57 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

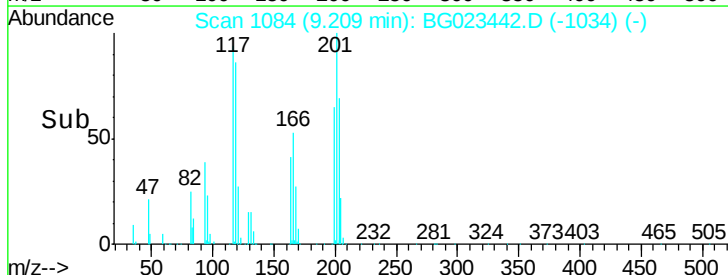
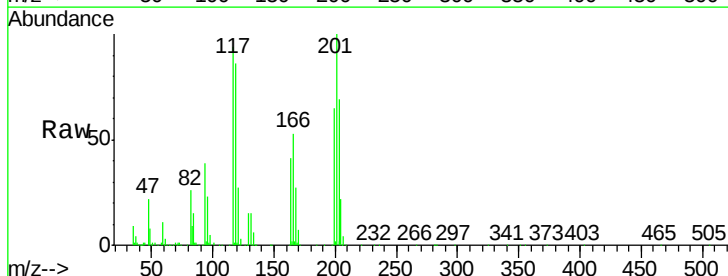
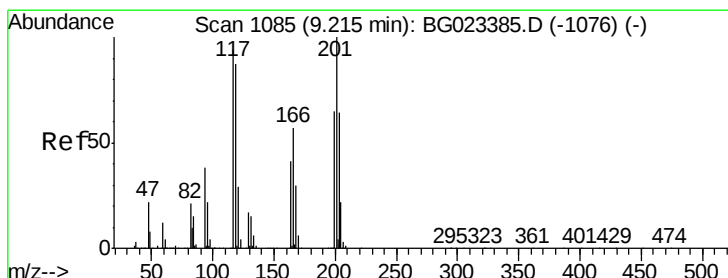
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	92.0	138.0	
77	55.9	55.8	83.6	
79	57.2	55.0	82.6	



Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

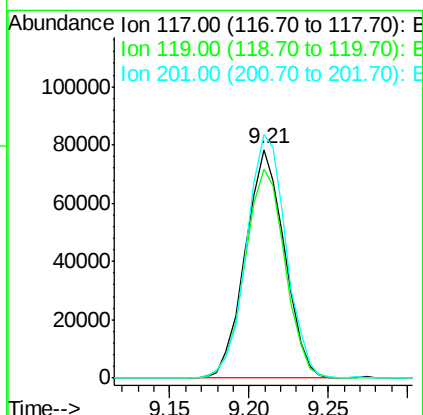
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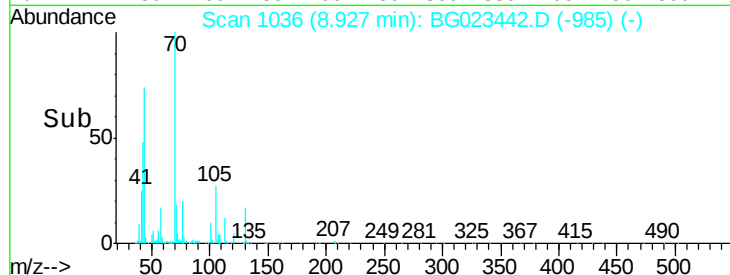
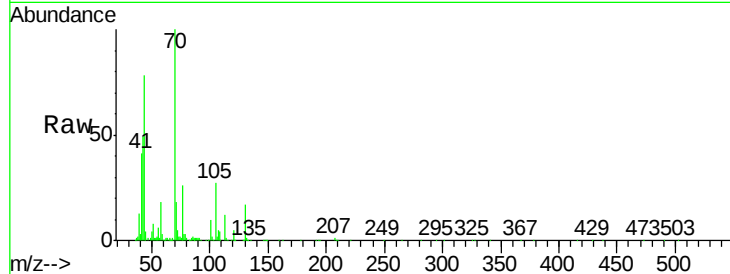
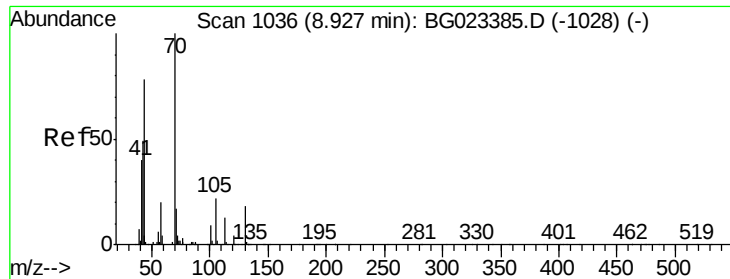
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#18
Hexachloroethane
Concen: 38.57 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.4	73.7	110.5	
201	106.5	88.7	133.1	





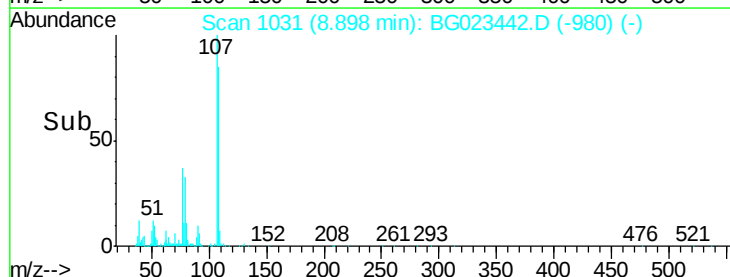
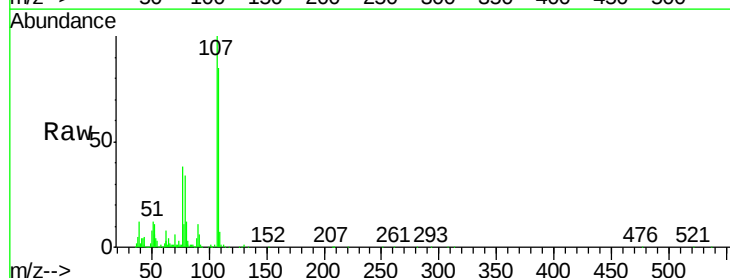
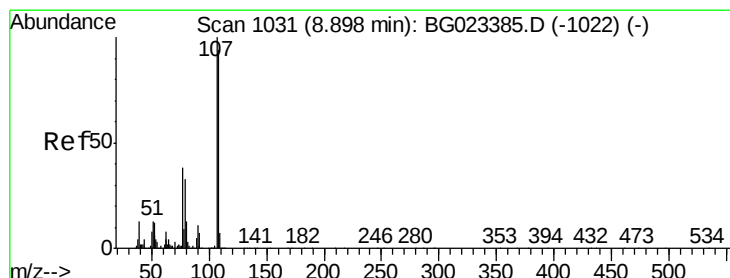
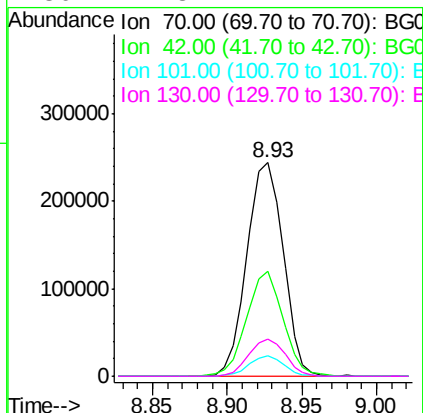
#19
n-Nitroso-di-n-propylamine
Concen: 44.66 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tot Ion	Ion	Ratio	Lower	Upper
411419	70	100		
	42	49.2	42.1	63.1
	101	9.6	7.2	10.8
	130	17.3	14.2	21.2

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

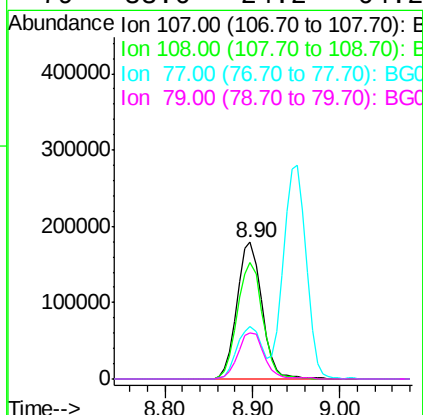
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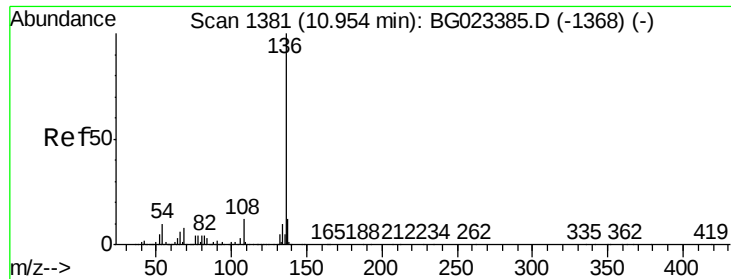
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#20
3+4-Methylphenols
Concen: 31.93 ng
RT: 8.90 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ion	Ratio	Lower	Upper
345793	107	100		
	108	85.1	72.5	112.5
	77	38.1	30.1	70.1
	79	33.6	24.2	64.2





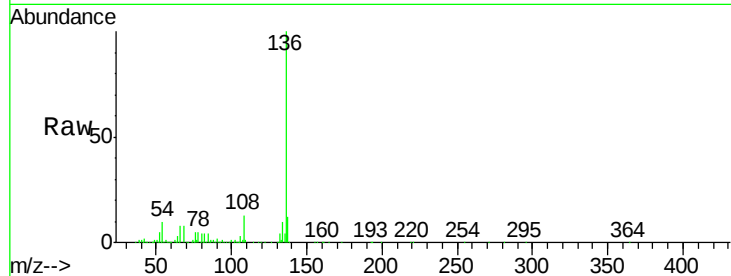
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

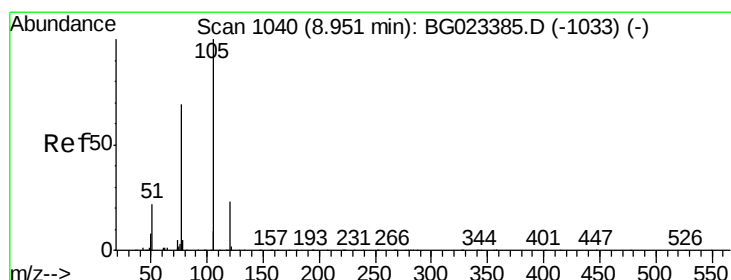
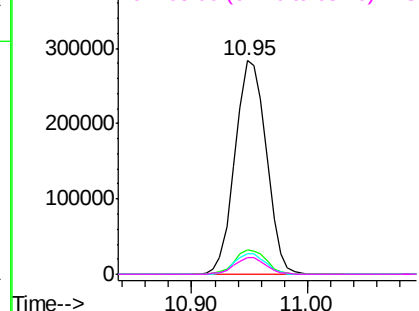
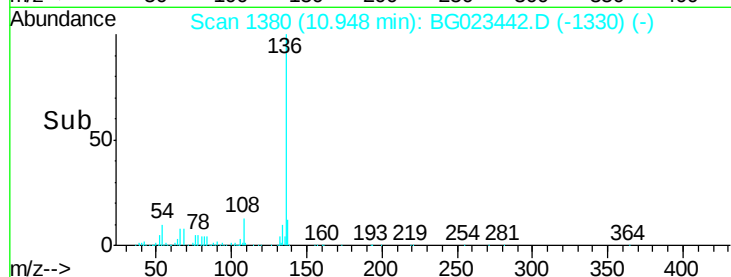
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		532715		
137	11.7		9.6	14.4	
54	9.5		7.3	10.9	
68	7.7		5.3	7.9	

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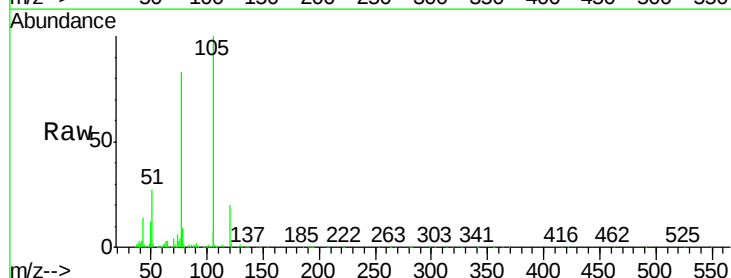


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

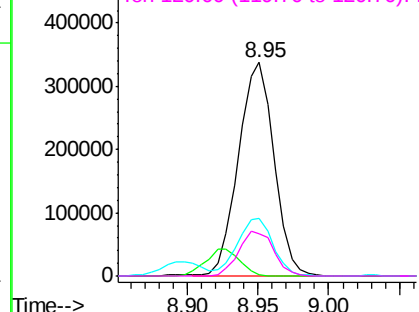
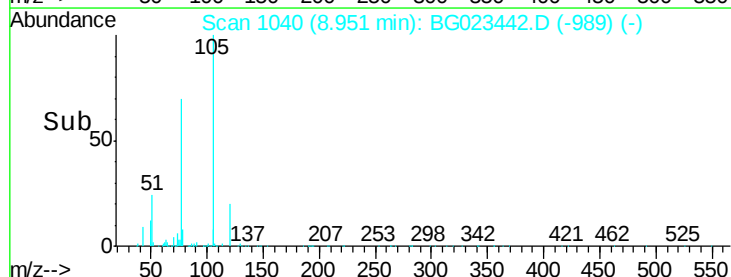


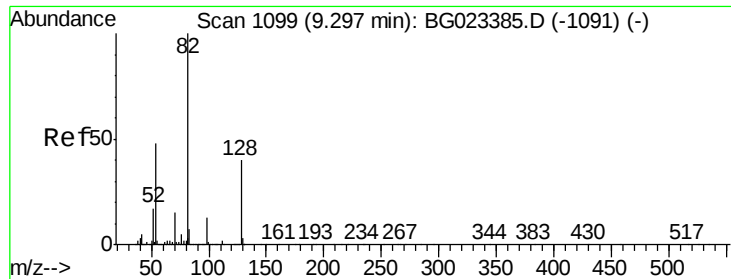
#22
Acetophenone
Concen: 40.58 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		591969		
71	0.6		2.6	3.8#	
51	26.9		27.1	40.7#	
120	20.1		15.1	22.7	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





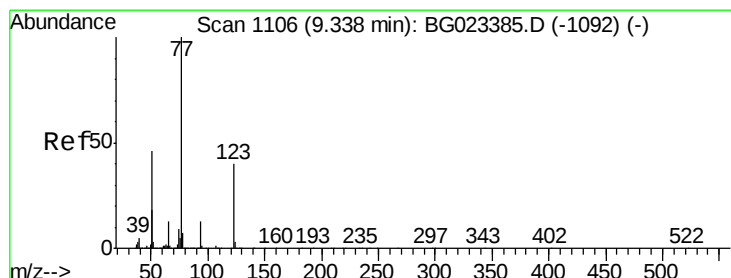
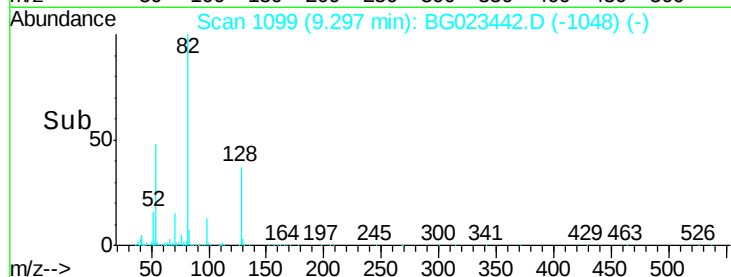
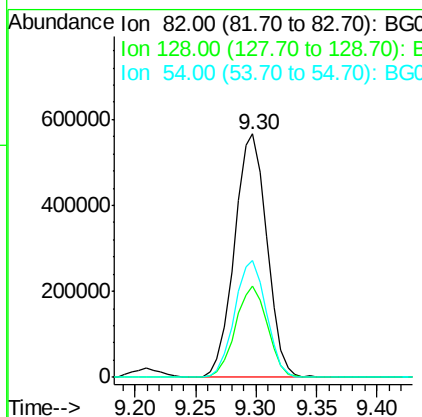
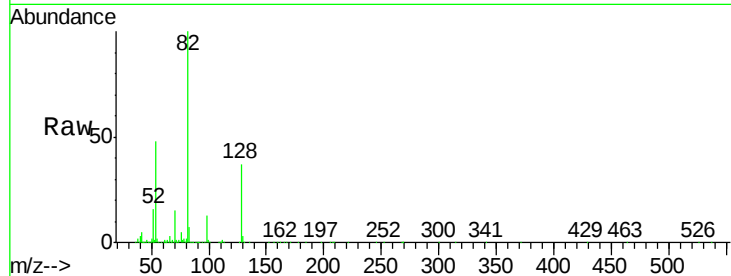
#23
Nitrobenzene-d5
Concen: 98.77 ng
RT: 9.30 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	24.4	36.6#
54	48.1	41.4	62.0

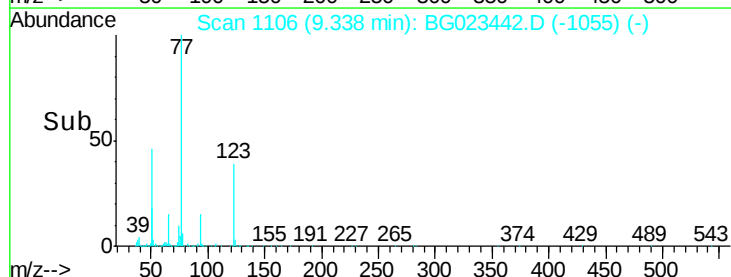
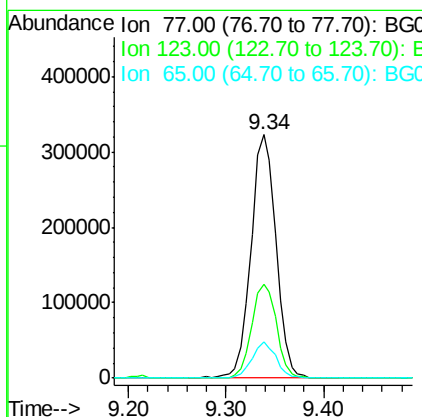
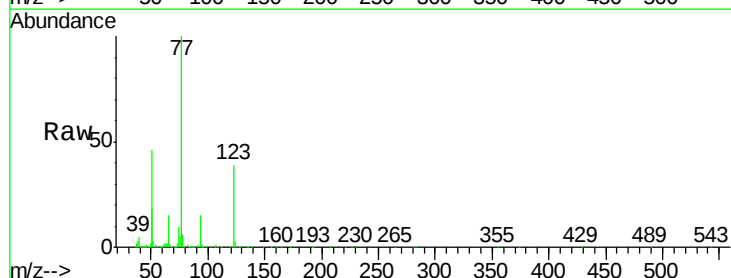
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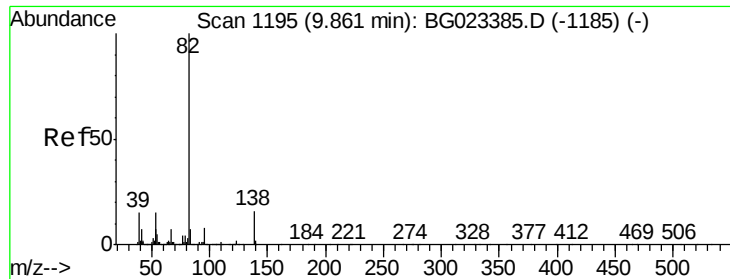
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#24
Nitrobenzene
Concen: 48.62 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	25.0	37.6#
65	14.8	13.4	20.0





#25

Isophorone

Concen: 49.85 ng

RT: 9.86 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

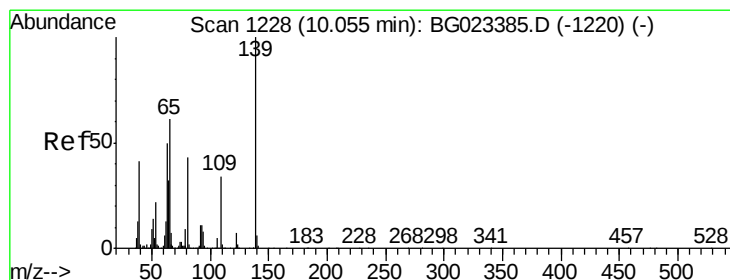
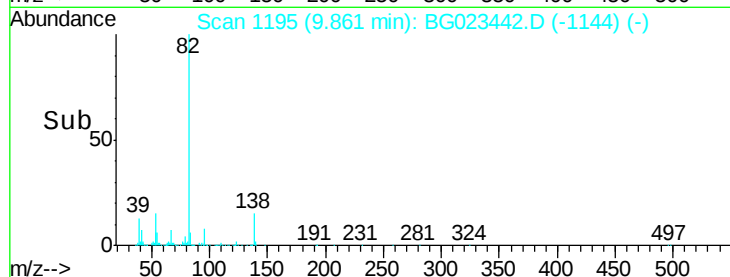
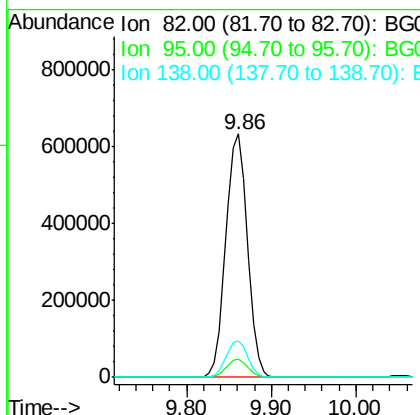
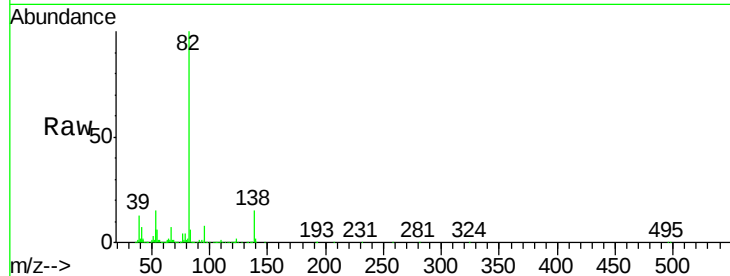
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion	82	Resp	1112622
Ion	Ratio	Lower	Upper
82	100		
95	7.8	8.2	12.2#
138	15.0	10.7	16.1

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#26

2-Nitrophenol

Concen: 46.68 ng

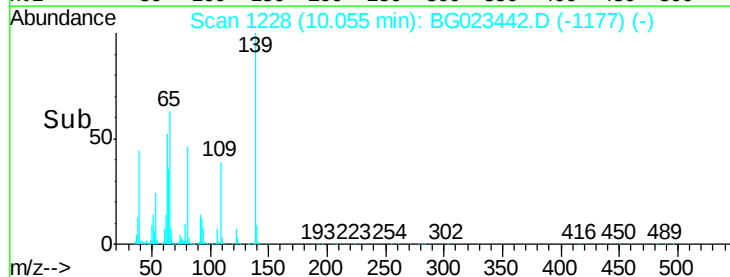
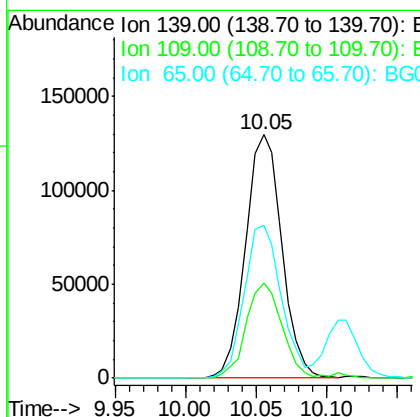
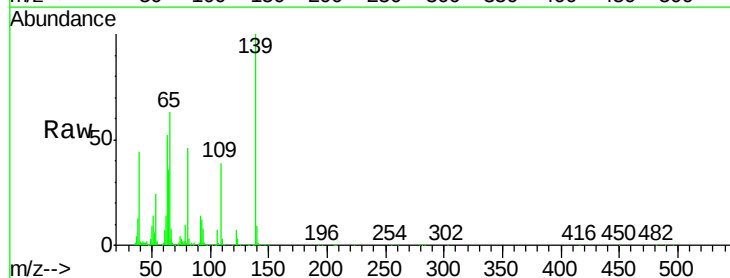
RT: 10.05 min Scan# 1228

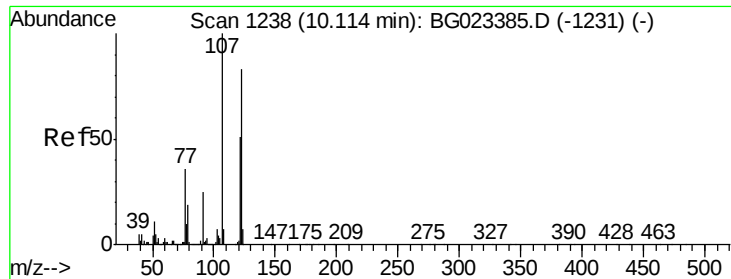
Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion	139	Resp	233762
Ion	Ratio	Lower	Upper
139	100		
109	39.0	43.5	65.3#
65	62.8	64.3	96.5#





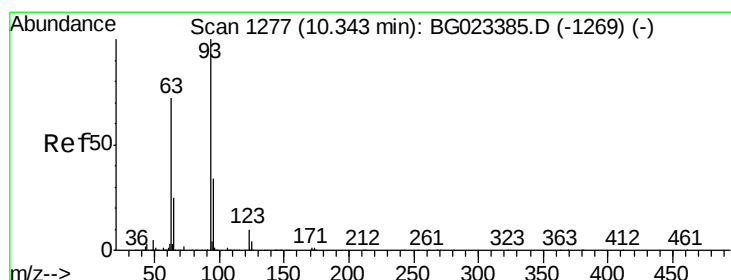
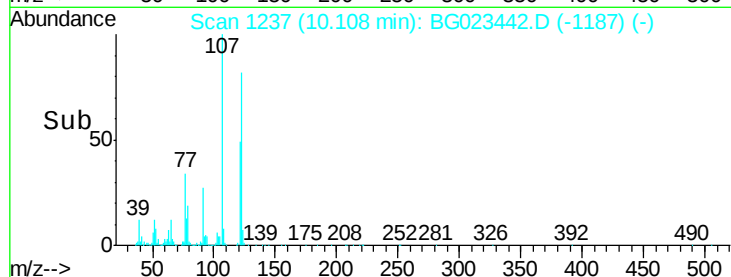
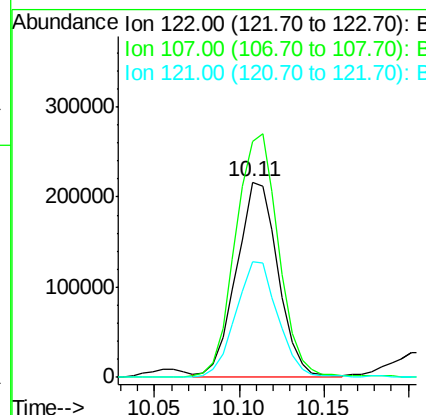
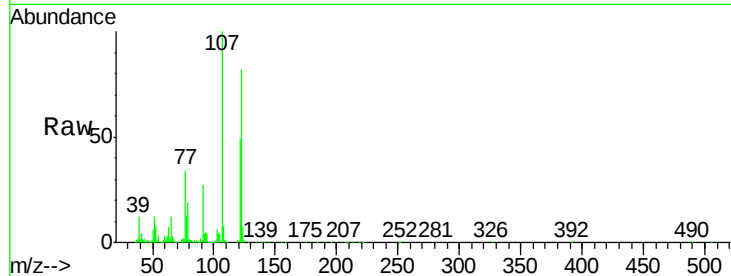
#27
 2,4-Dimethylphenol
 Concen: 43.49 ng
 RT: 10.11 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	117.0	175.4
121	59.6	50.1	75.1

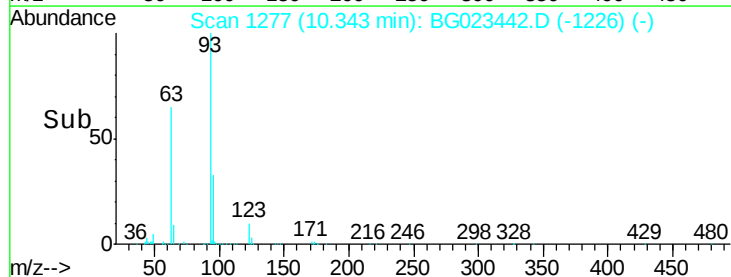
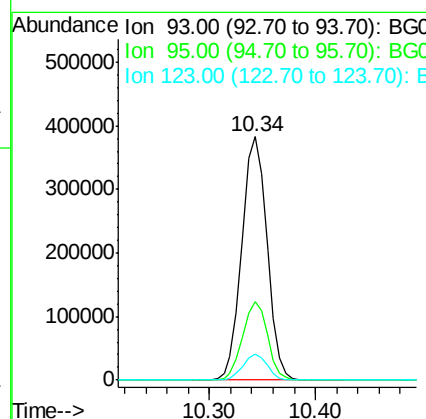
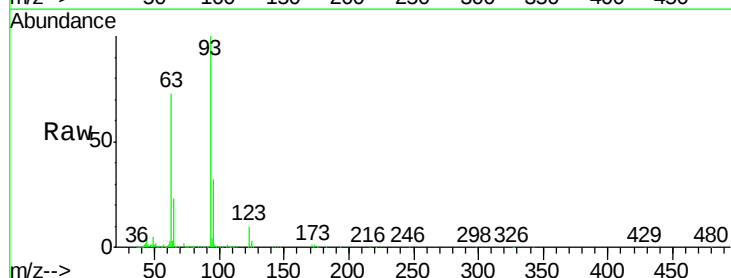
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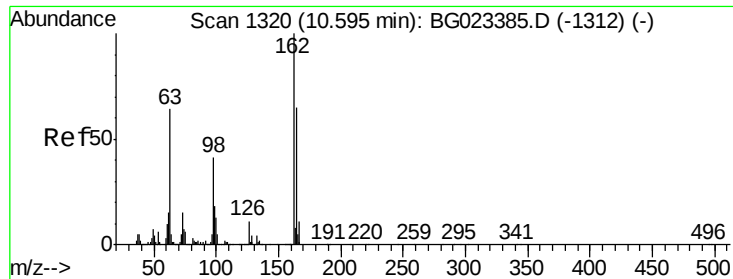
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.06 ng
 RT: 10.34 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	10.4	8.2	12.2





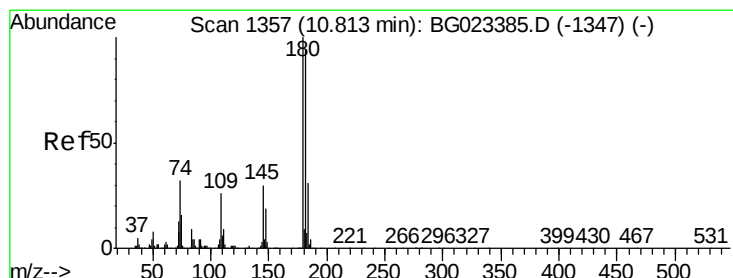
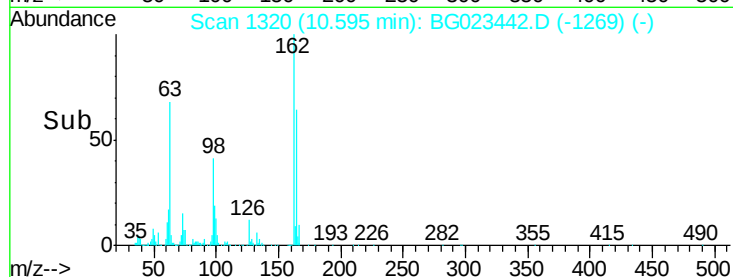
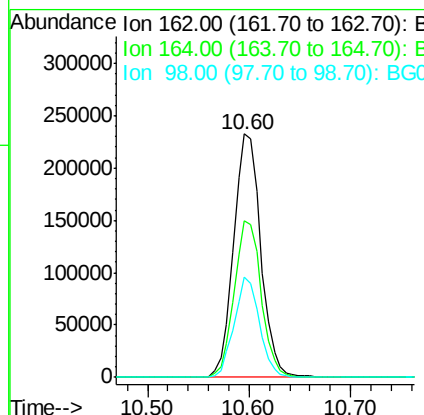
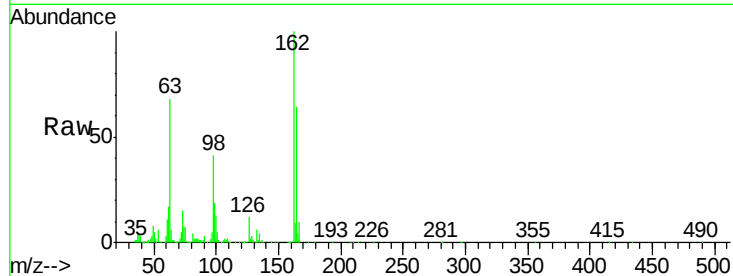
#29
 2,4-Dichlorophenol
 Concen: 50.48 ng
 RT: 10.60 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	432841		
164	64.1	44.3	84.3	
98	41.3	19.5	59.5	

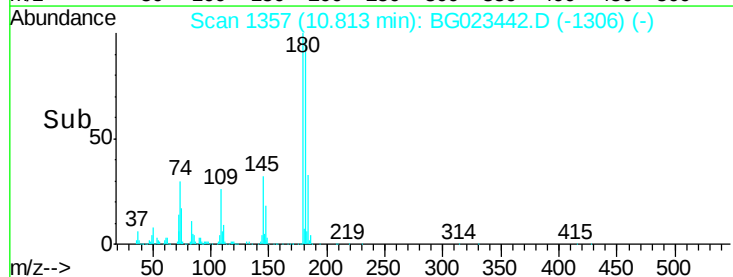
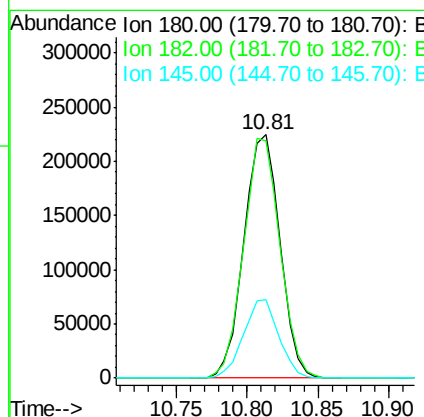
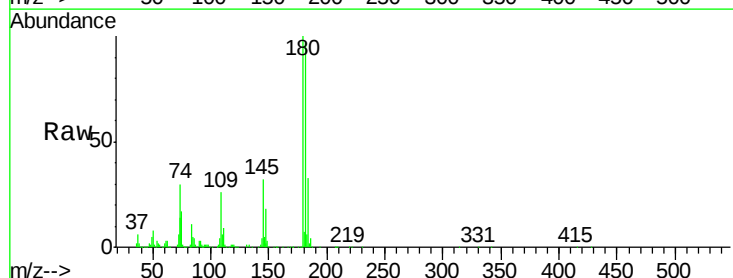
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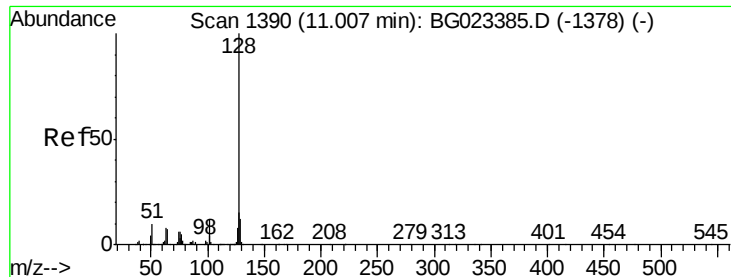
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.64 ng
 RT: 10.81 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	403562		
182	97.5	73.8	110.8	
145	32.5	24.4	36.6	





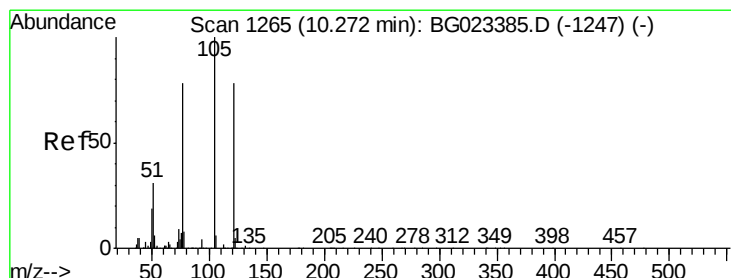
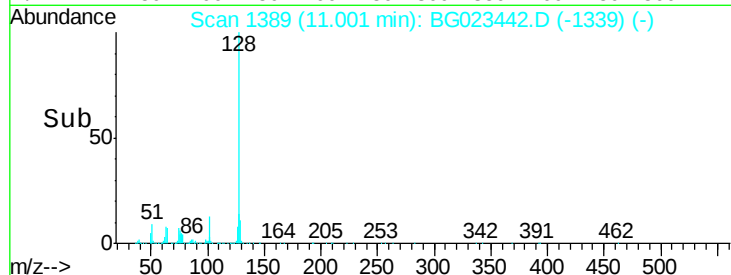
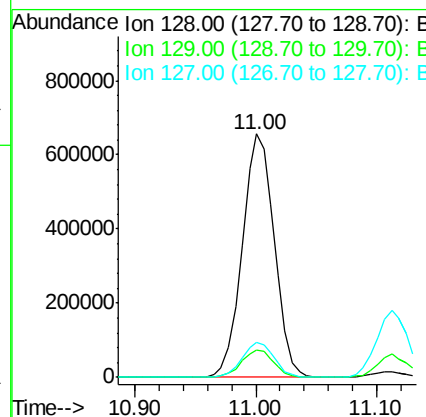
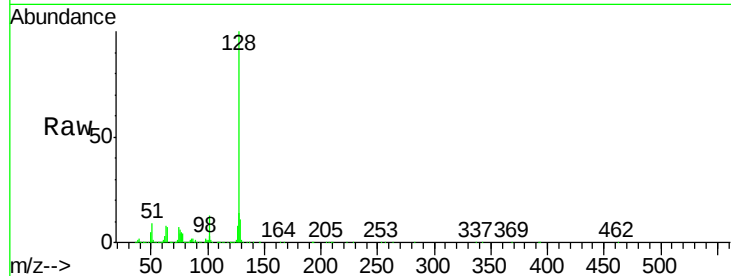
#31
Naphthalene
Concen: 44.44 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	14.3	11.3	16.9

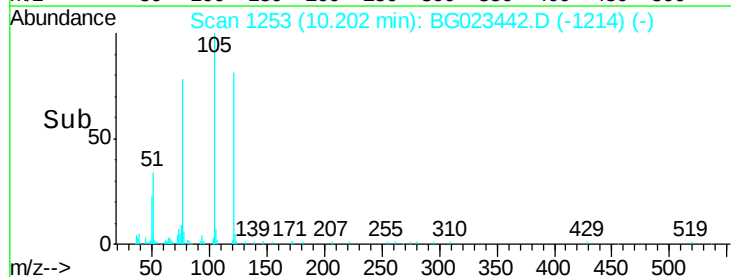
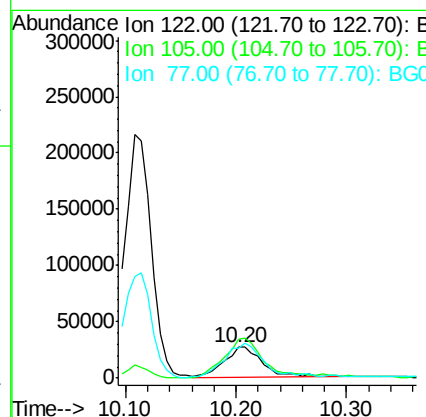
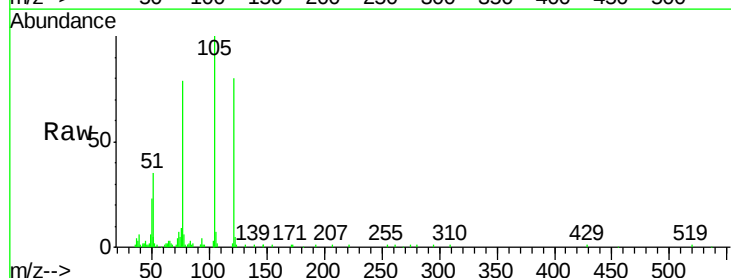
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#32
Benzoic acid
Concen: 13.61 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.07 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	117.2	157.2
77	98.2	109.2	149.2





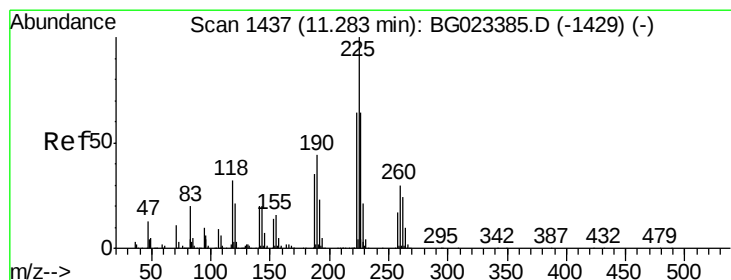
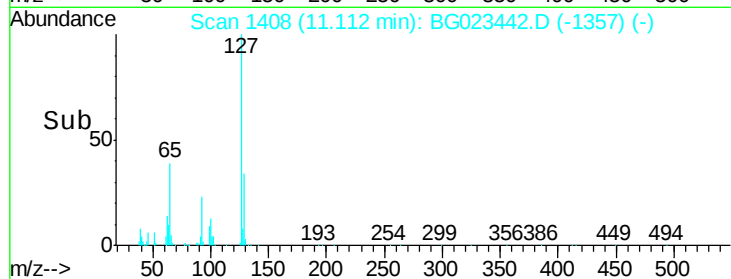
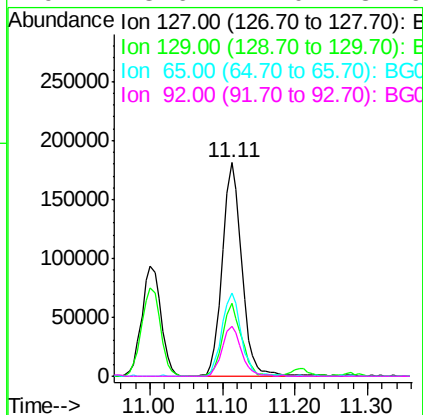
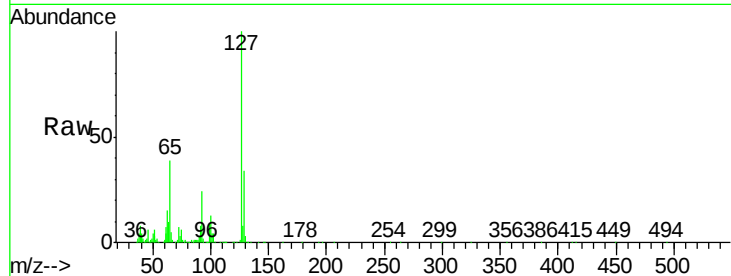
#33
4-Chloroaniline
Concen: 26.23 ng
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	27.9	41.9		
65	38.8	36.8	55.2		
92	23.6	21.0	31.6		

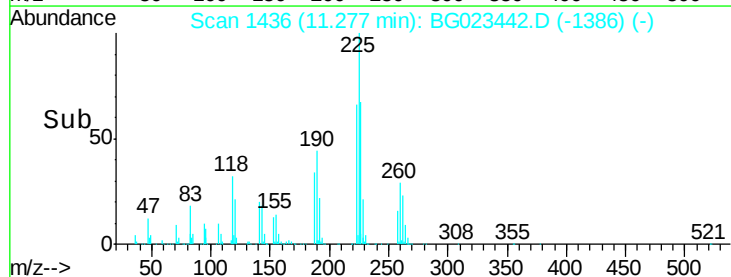
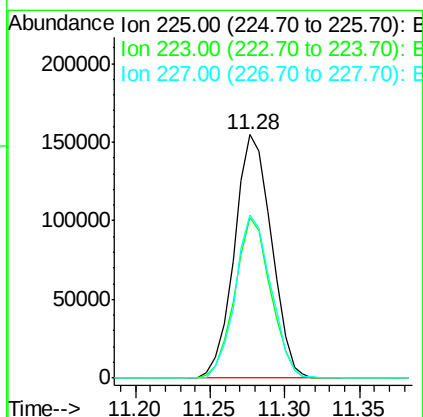
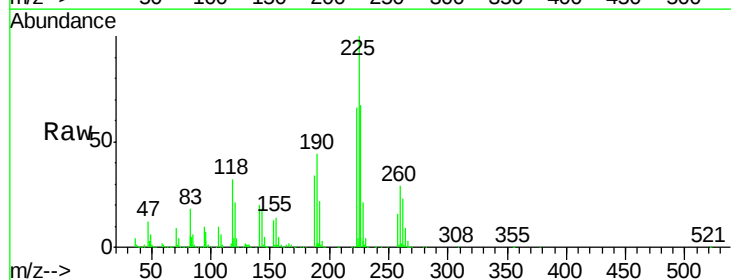
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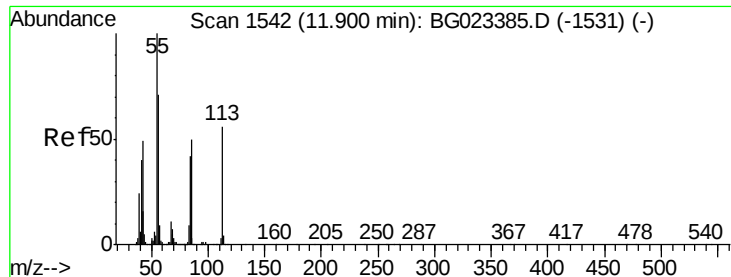
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#34
Hexachlorobutadiene
Concen: 43.79 ng
RT: 11.28 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.8	49.6	74.4		
227	67.1	54.5	81.7		





#35

Caprolactam

Concen: 8.44 ng

RT: 11.90 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

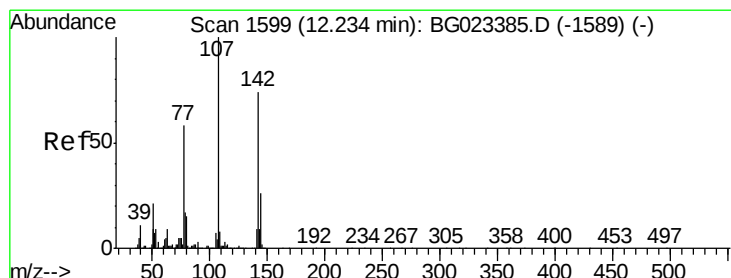
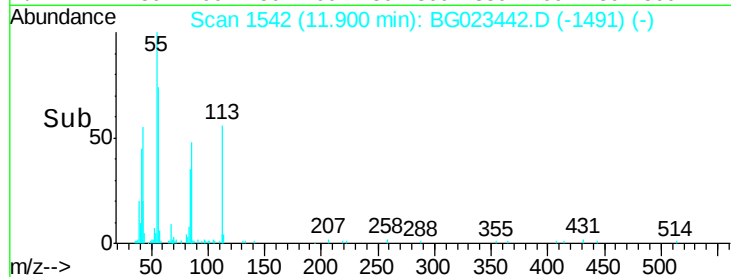
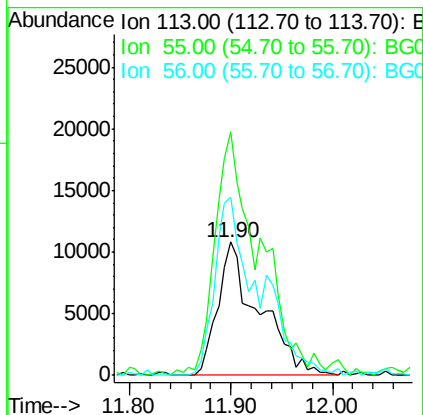
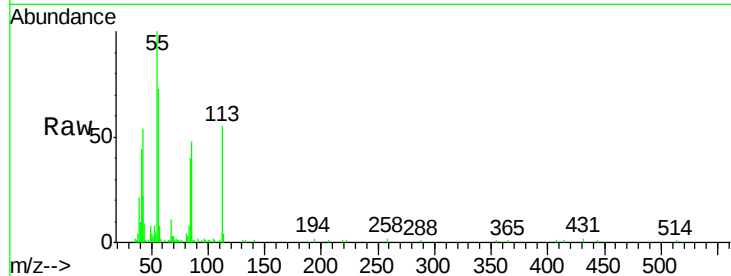
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:	113	Resp:	30443
Ion	Ratio	Lower	Upper
113	100		
55	182.9	154.5	194.5
56	134.0	125.1	165.1

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#36

4-Chloro-3-methylphenol

Concen: 46.07 ng

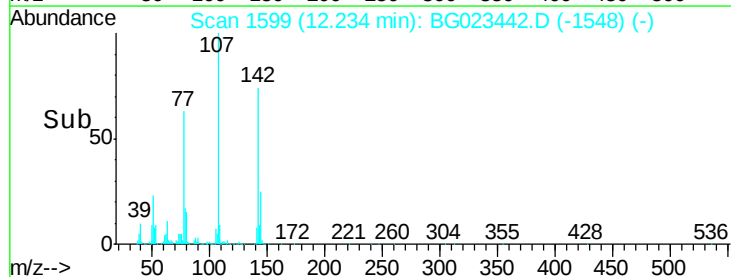
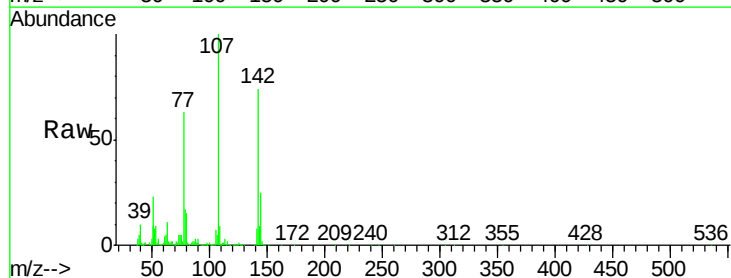
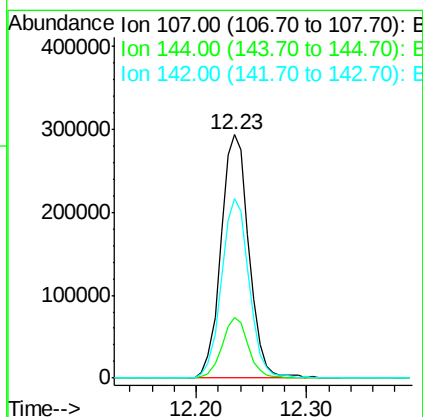
RT: 12.23 min Scan# 1599

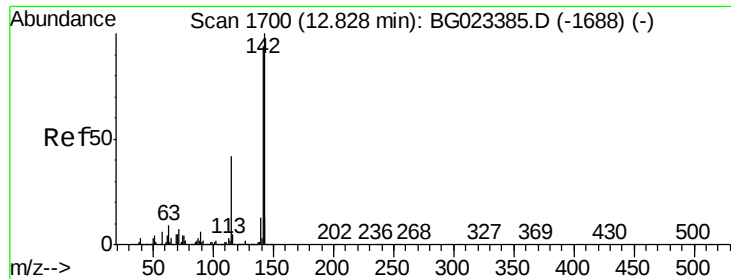
Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:	107	Resp:	518996
Ion	Ratio	Lower	Upper
107	100		
144	25.1	17.0	25.6
142	73.8	53.0	79.6





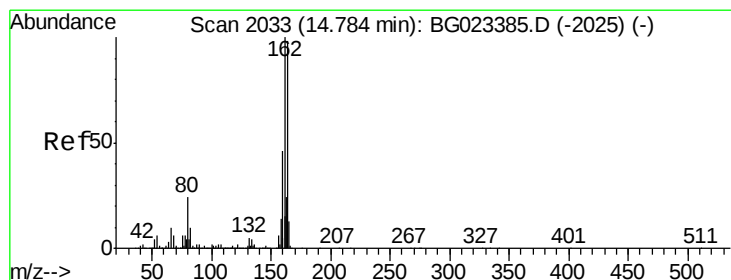
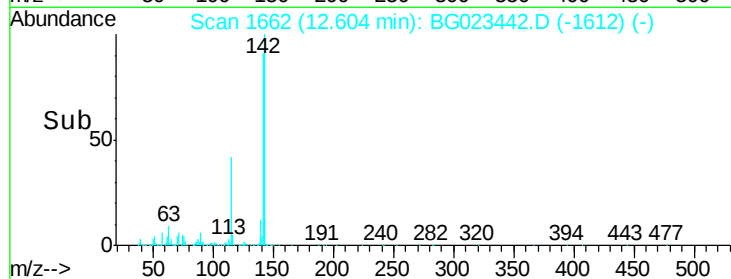
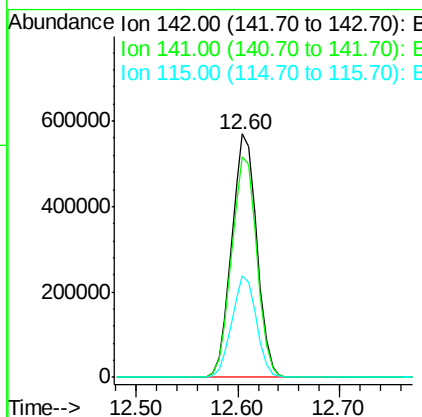
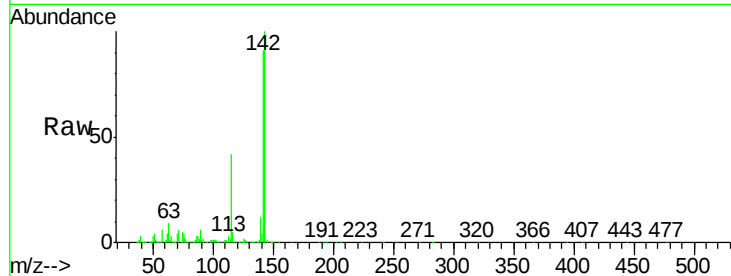
#37
 2-Methylnaphthalene
 Concen: 47.26 ng
 RT: 12.60 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.2	105.2
115	41.8	41.7	62.5

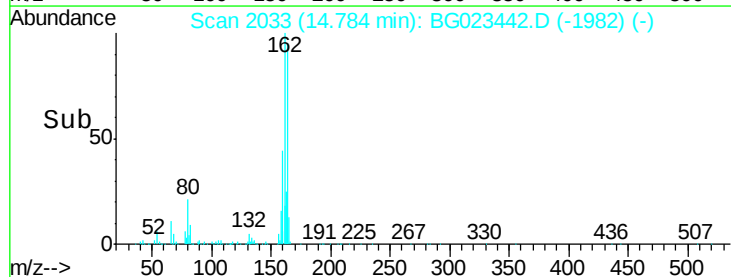
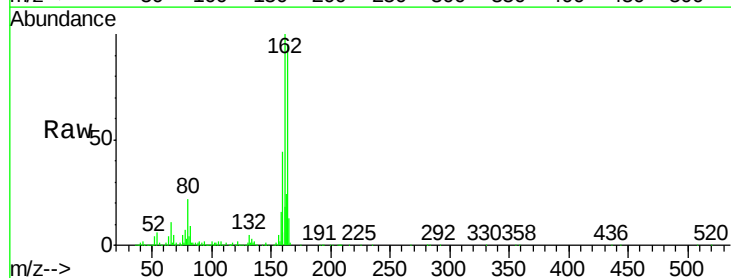
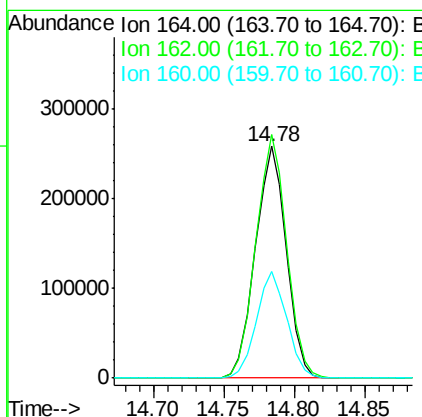
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	87.7	131.5
160	46.0	37.2	55.8





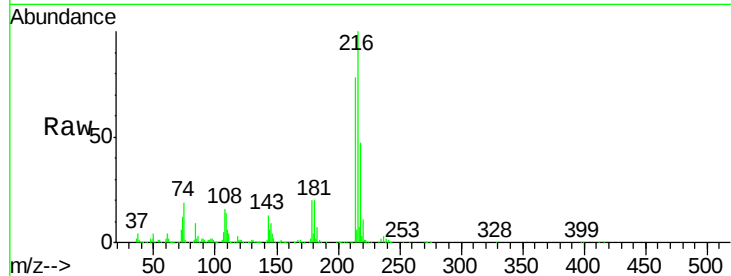
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.77 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

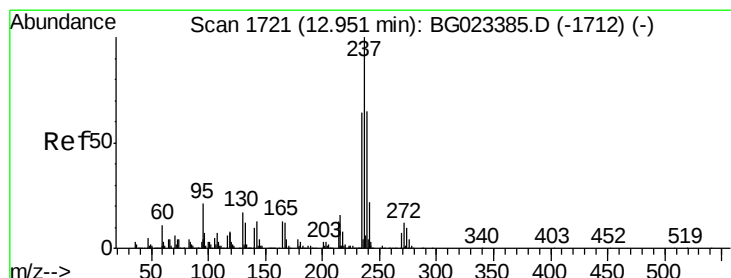
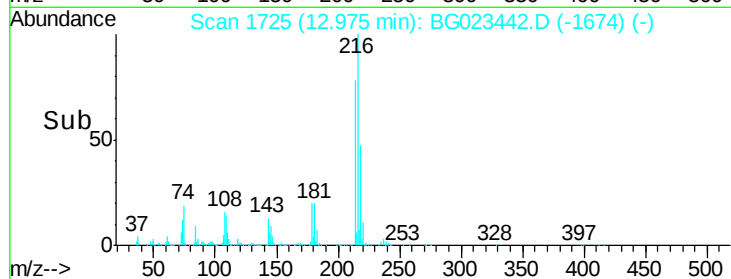
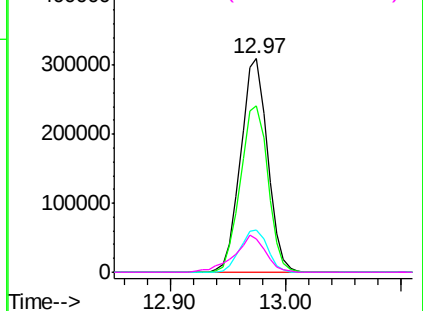
Tot Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.9	94.3
179	20.4	17.2	25.8
108	19.7	16.3	24.5

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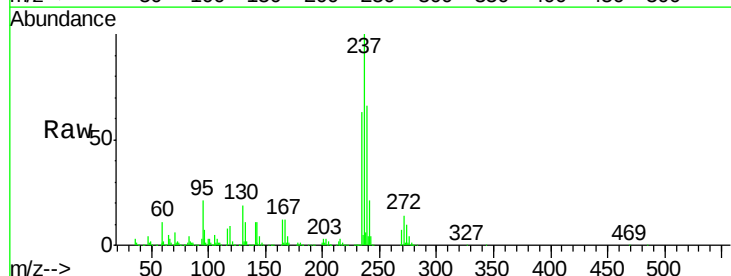


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

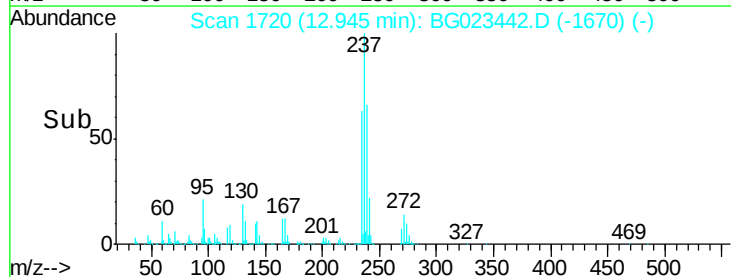
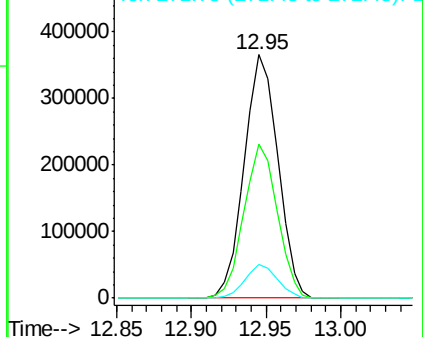


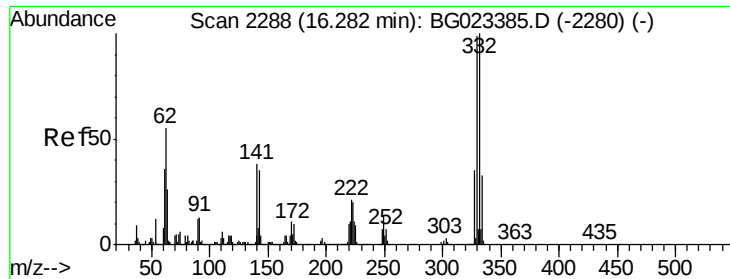
#40
 Hexachlorocyclopentadiene
 Concen: 78.51 ng
 RT: 12.95 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.1	83.1
272	13.9	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 146.74 ng

RT: 16.28 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

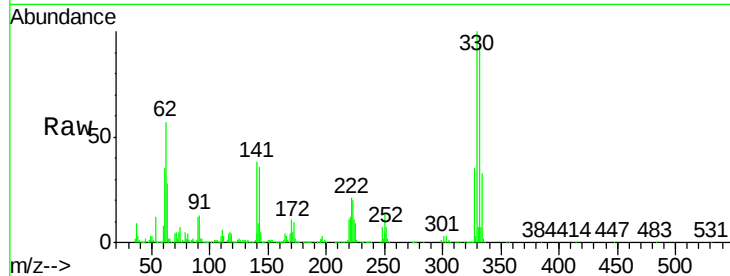
ClientSampleId :

GW-34-7.0-15.0MSD

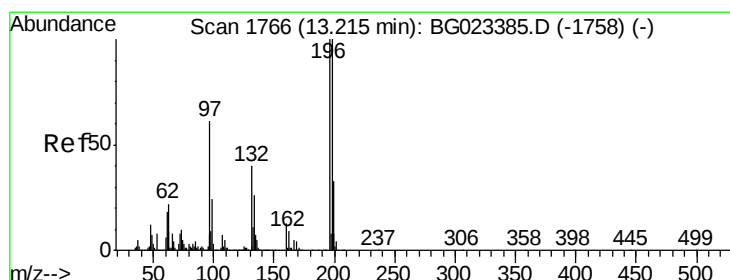
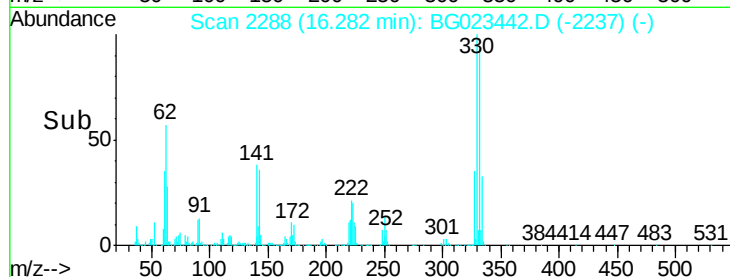
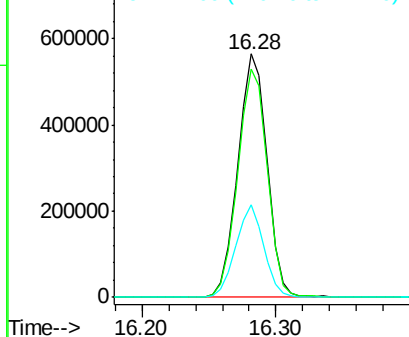
Tot Ion:	330	Resp:	852515
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.4	116.2
141	36.6	31.7	47.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 47.80 ng

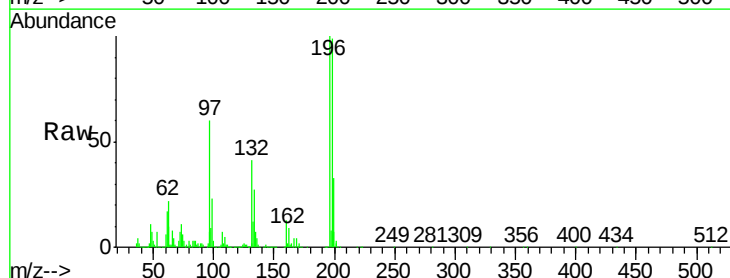
RT: 13.22 min Scan# 1766

Delta R.T. 0.00 min

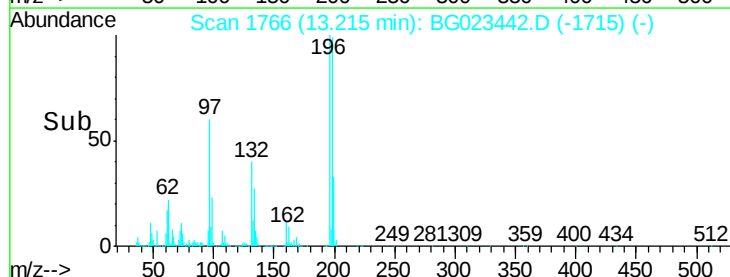
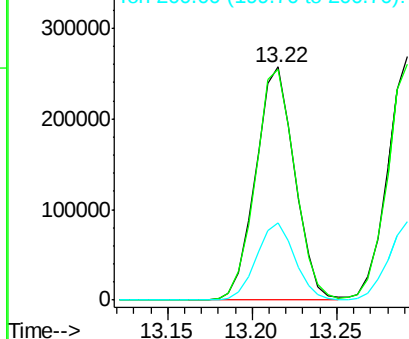
Lab File: BG023442.D

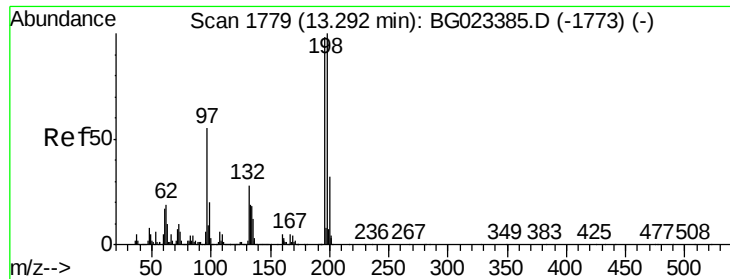
Acq: 4 Aug 2016 2:02

Tgt Ion:	196	Resp:	410088
Ion Ratio	Lower	Upper	
196	100		
198	99.2	78.2	117.2
200	33.0	27.0	40.4



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





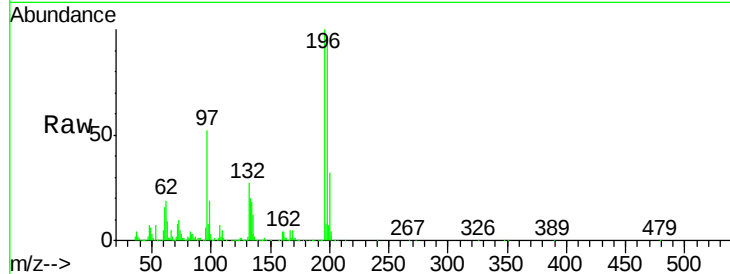
#43
 2,4,5-Trichlorophenol
 Concen: 49.92 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

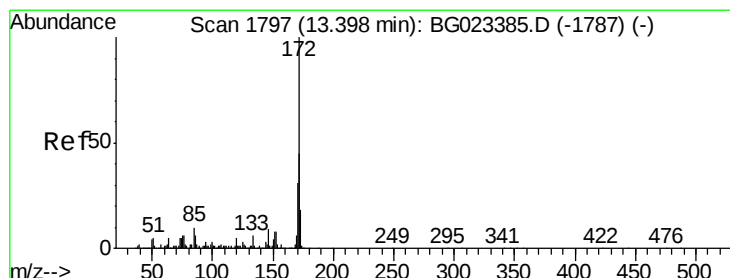
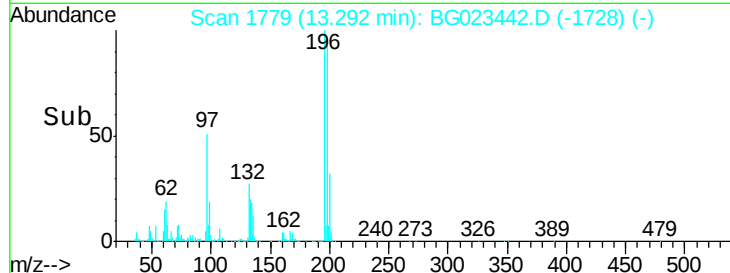
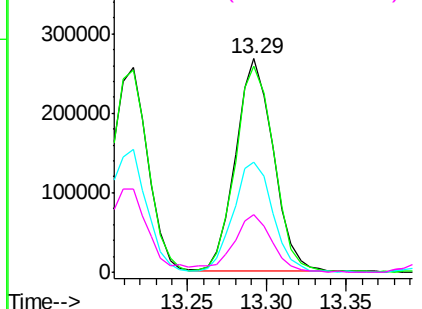
Tot Ion:	196	Resp:	440957
Ion Ratio	Lower	Upper	
196	100		
198	96.7	85.7	128.5
97	51.6	45.5	68.3
132	26.8	18.9	28.3

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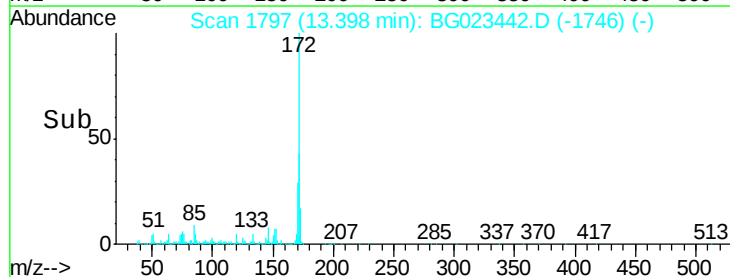
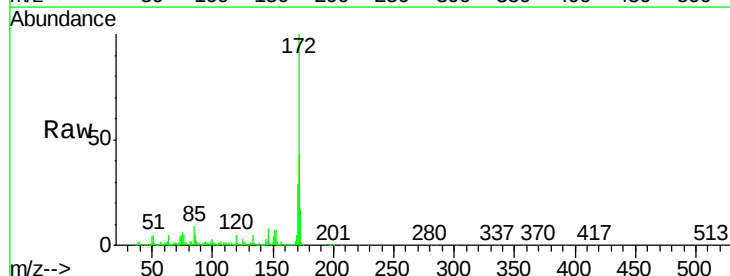
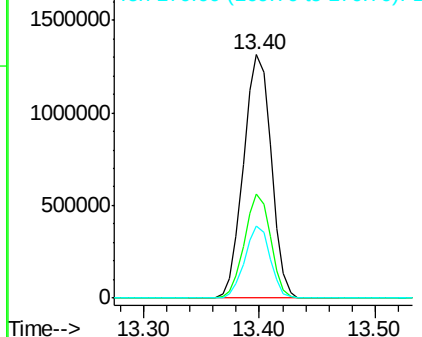
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

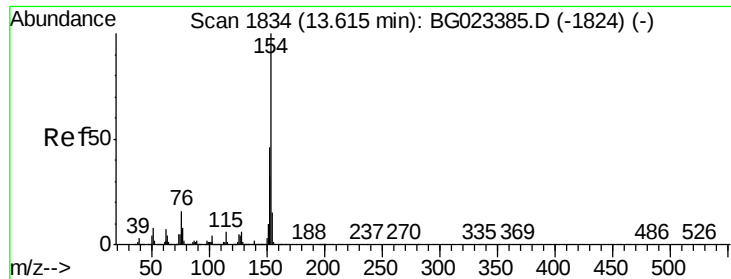


#44
 2-Fluorobiphenyl
 Concen: 93.21 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion:	172	Resp:	2194994
Ion Ratio	Lower	Upper	
172	100		
171	43.0	31.6	47.4
170	29.4	21.3	31.9

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.41 ng

RT: 13.61 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

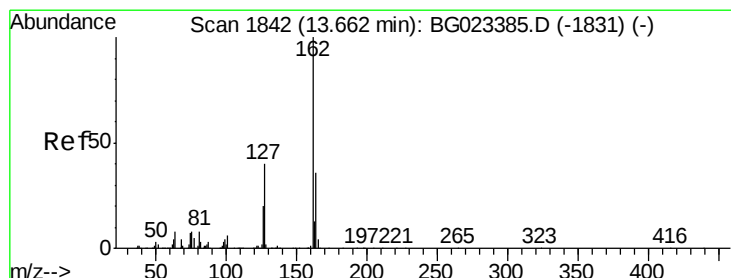
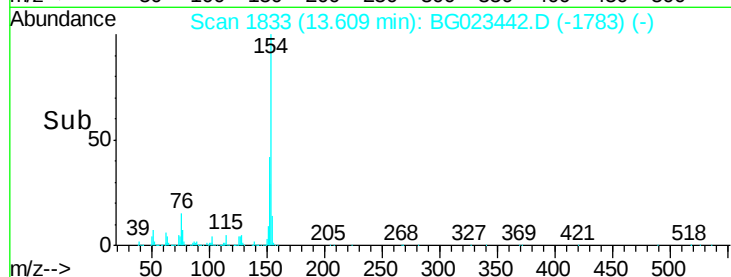
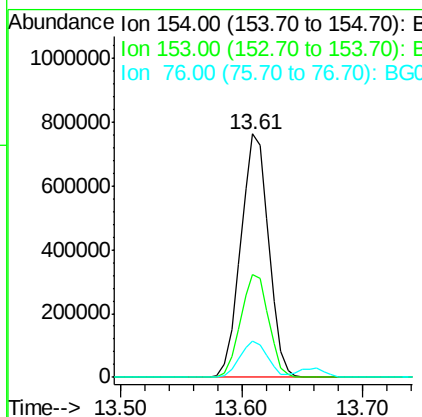
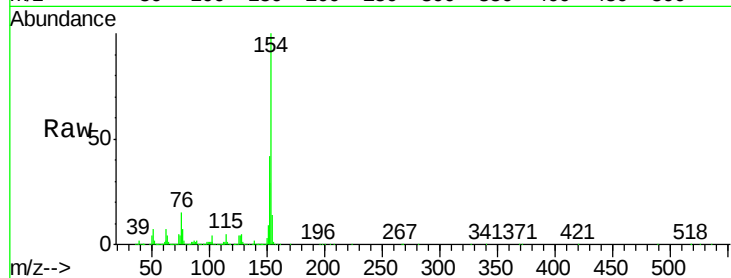
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:	154	Resp:	1227013
Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.2	60.2
76	14.8	0.0	32.9

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#46

2-Chloronaphthalene

Concen: 45.89 ng

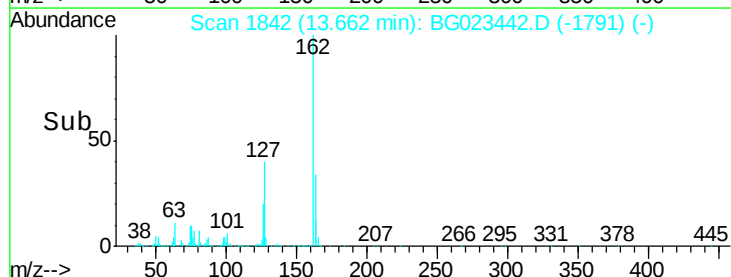
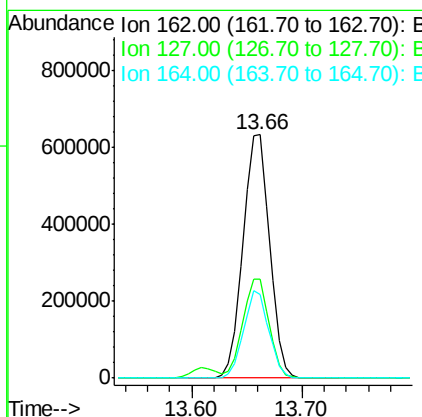
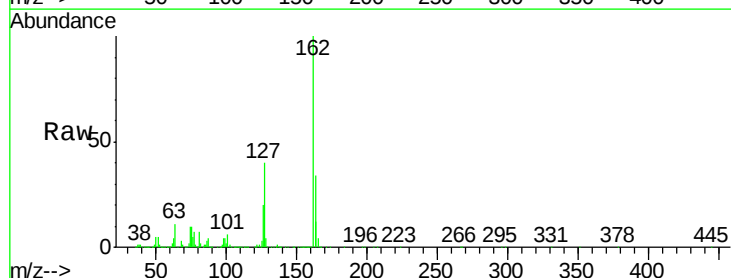
RT: 13.66 min Scan# 1842

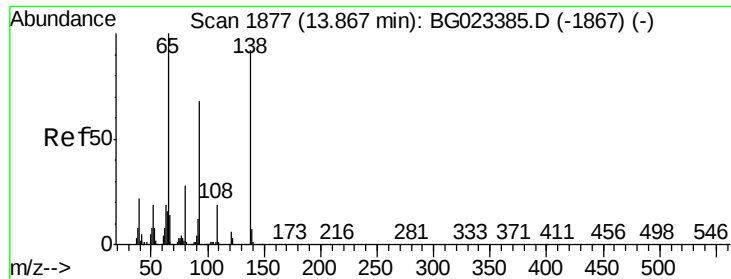
Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:	162	Resp:	1077943
Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.4	48.6
164	34.3	25.2	37.8





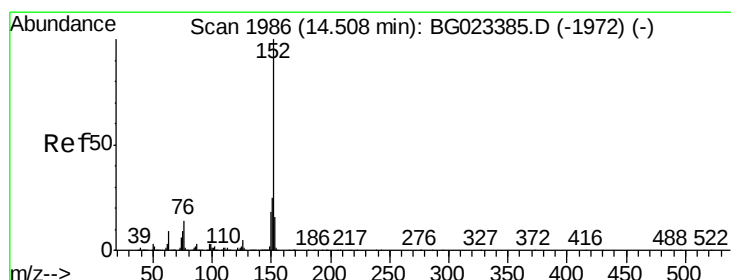
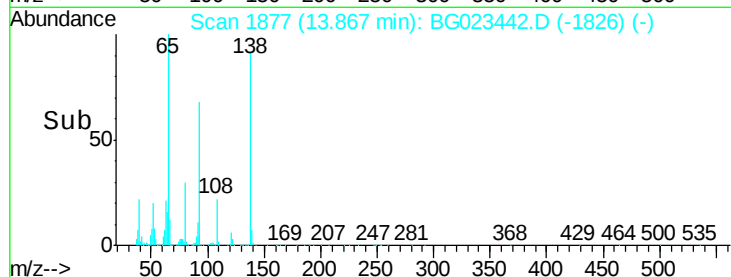
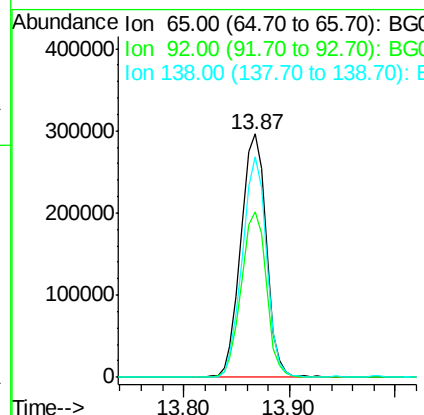
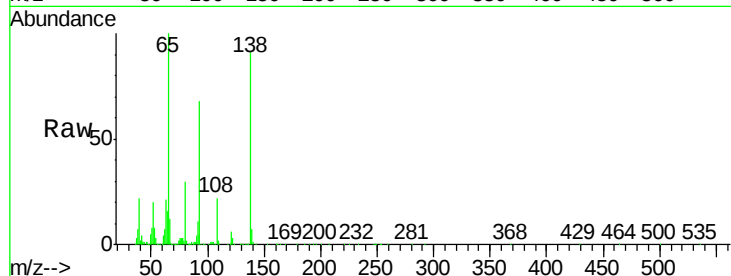
#47
2-Nitroaniline
Concen: 50.57 ng
RT: 13.87 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	49.4	74.0
138	90.7	58.0	87.0

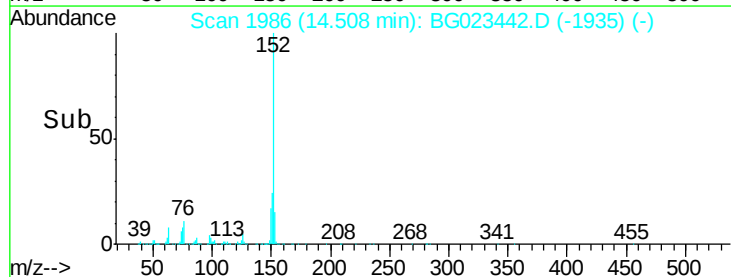
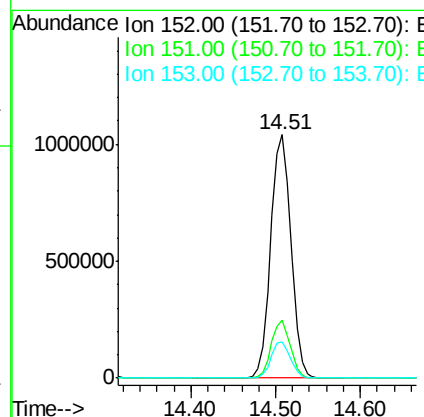
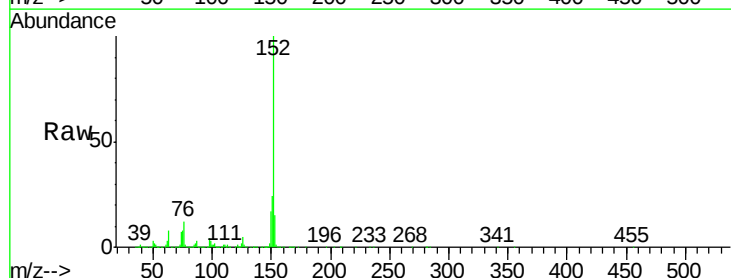
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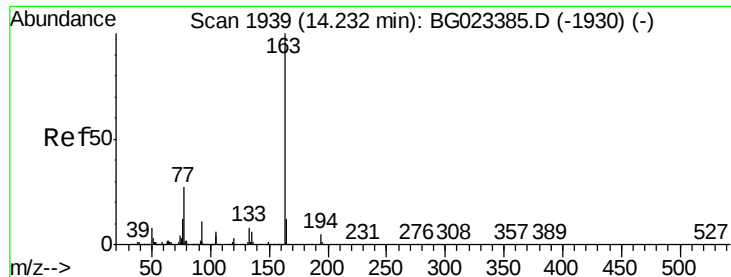
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#48
Acenaphthylene
Concen: 46.53 ng
RT: 14.51 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.7	17.6	26.4
153	15.0	11.4	17.2





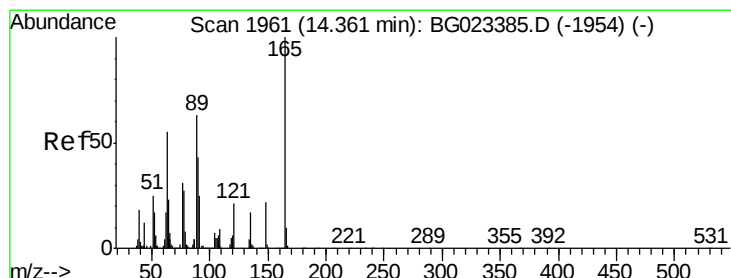
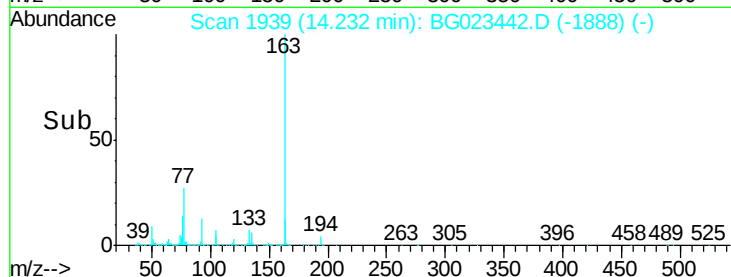
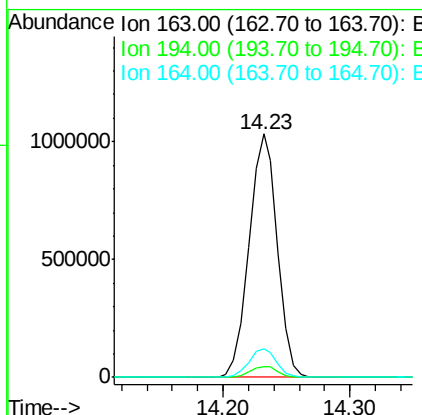
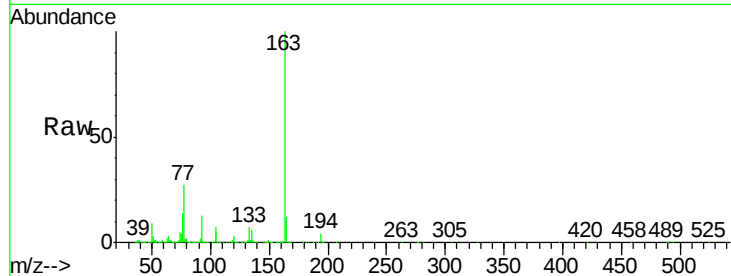
#49
Dimethylphthalate
Concen: 52.13 ng
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	11.9	8.1	12.1

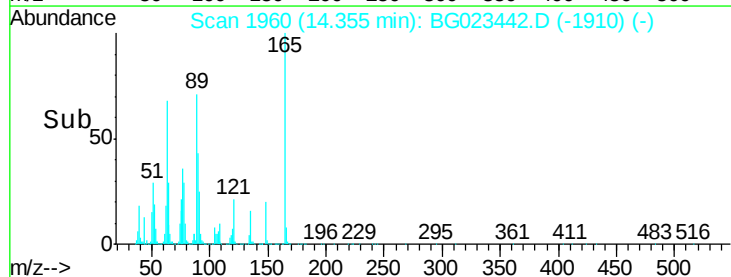
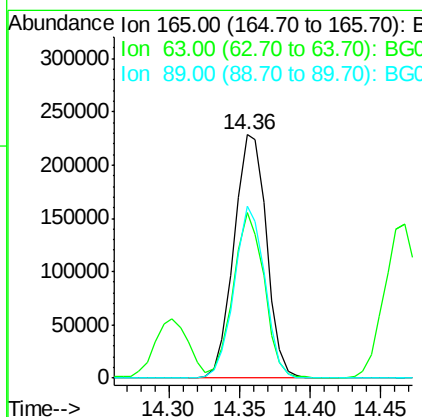
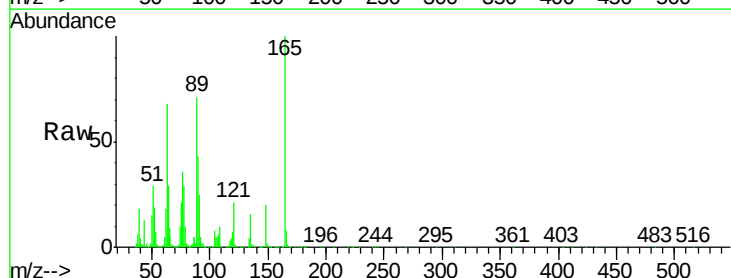
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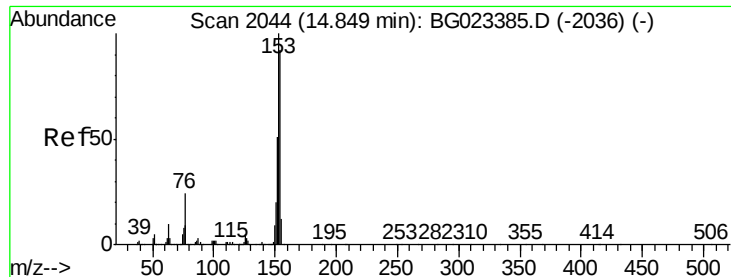
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#50
2,6-Dinitrotoluene
Concen: 50.84 ng
RT: 14.36 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.2	64.3	96.5
89	70.5	64.3	96.5





#51

Acenaphthene

Concen: 47.72 ng

RT: 14.85 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:154 Resp: 1122572

Ion Ratio Lower Upper

154 100

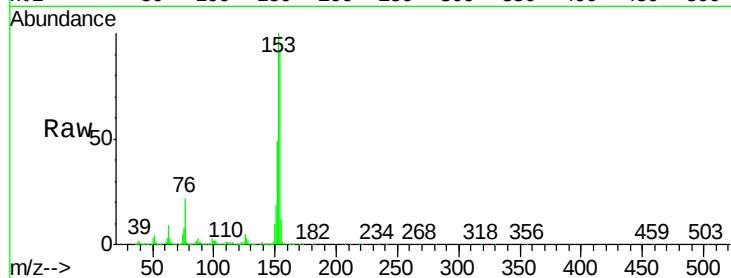
153 108.7 87.5 131.3

152 52.7 42.7 64.1

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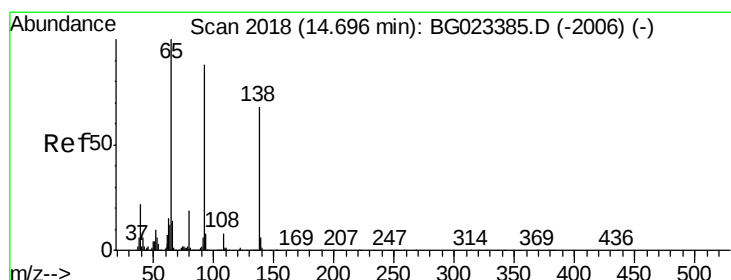
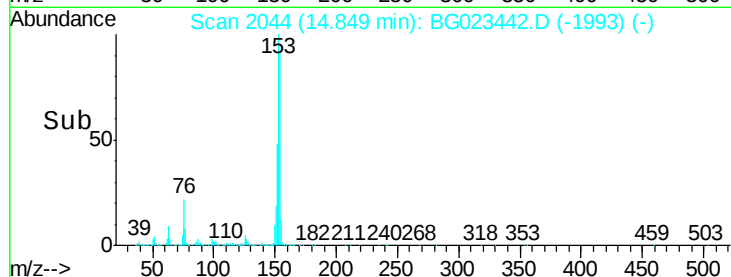
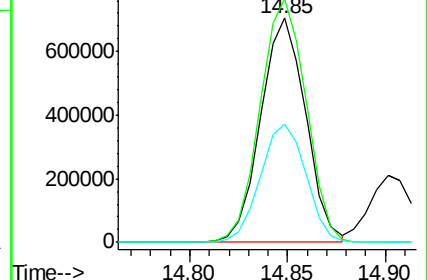
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.14 ng

RT: 14.70 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

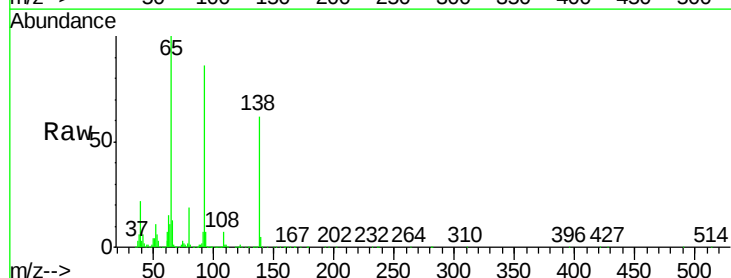
Tgt Ion:138 Resp: 261520

Ion Ratio Lower Upper

138 100

108 10.7 11.7 17.5#

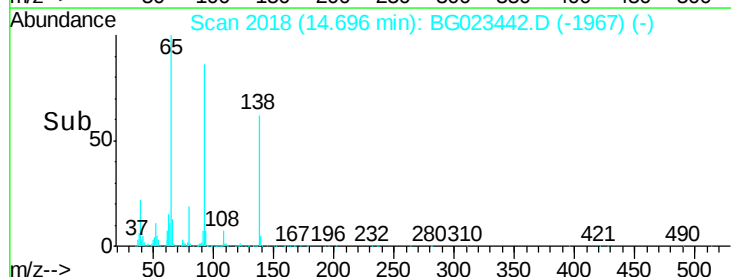
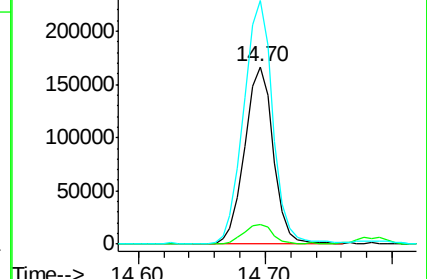
92 137.4 129.7 194.5

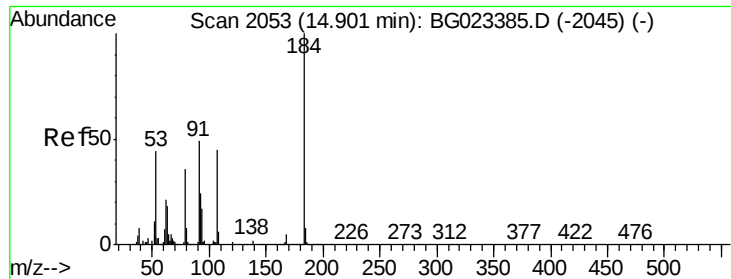


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





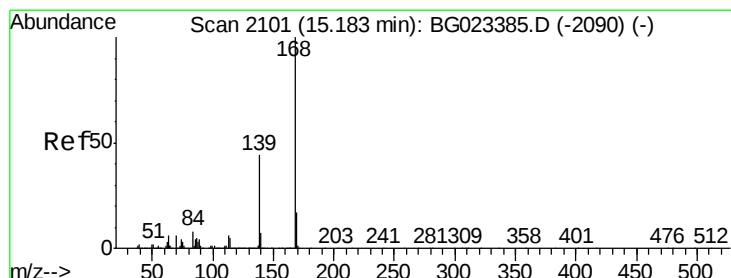
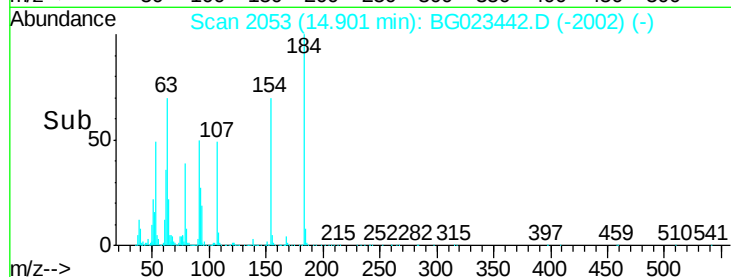
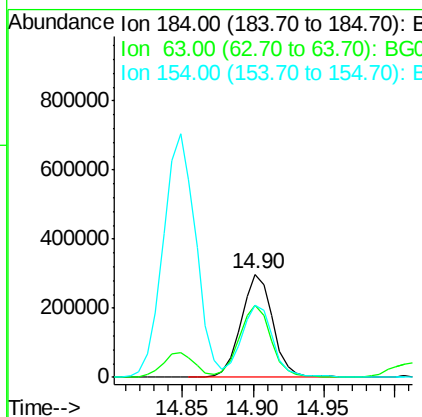
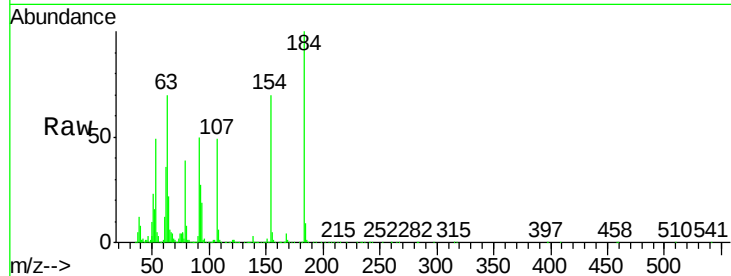
#53
2,4-Dinitrophenol
Concen: 101.54 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.1	59.6	89.4
154	69.9	67.4	101.0

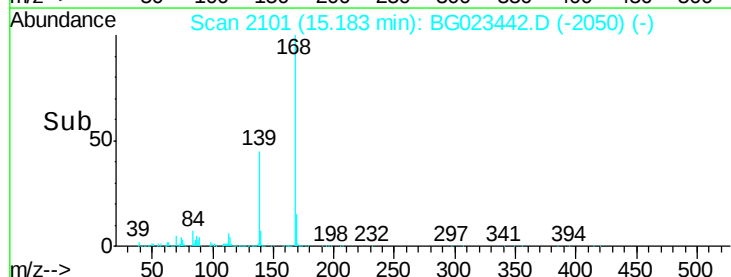
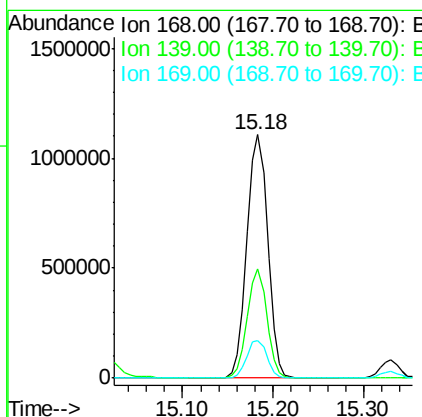
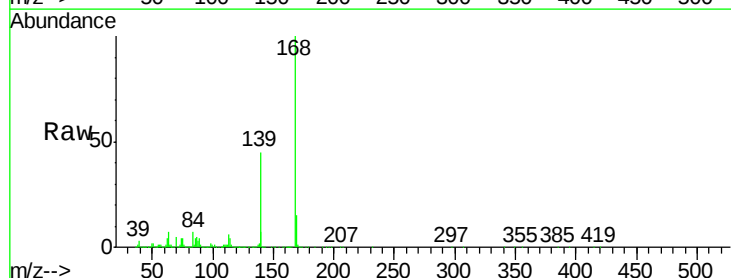
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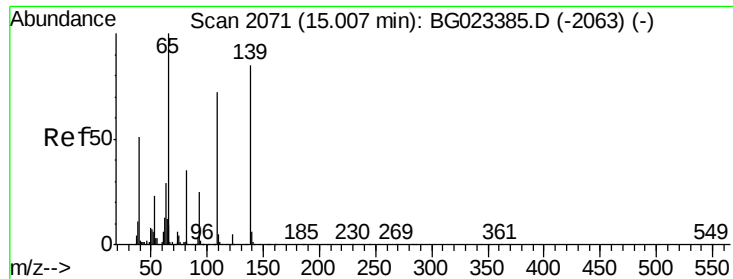
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#54
Dibenzofuran
Concen: 51.72 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.8	36.4	54.6
169	15.4	11.9	17.9





#55

4-Nitrophenol

Concen: 37.35 ng

RT: 15.01 min Scan# 2072

Delta R.T. 0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

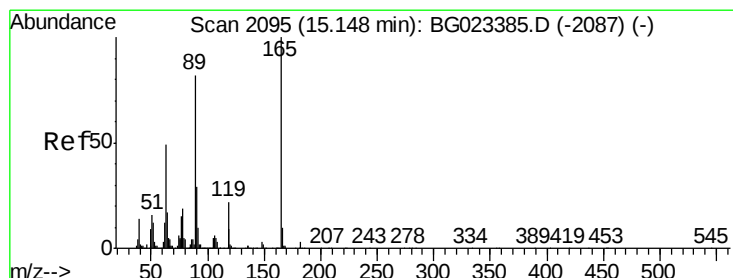
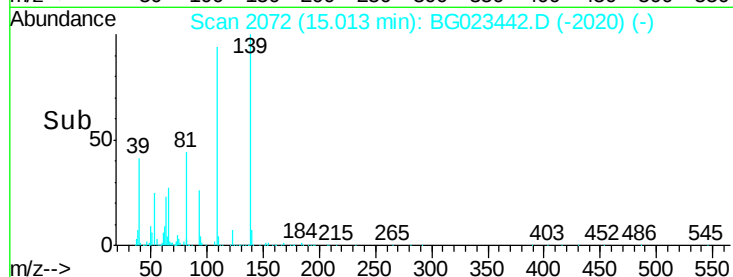
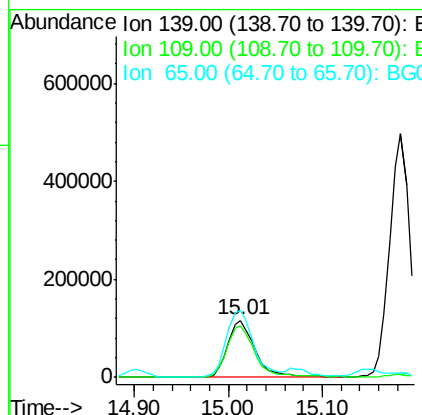
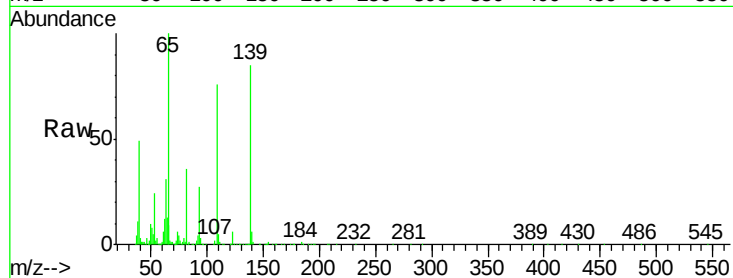
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	89.4	103.0	143.0#		
65	117.3	112.7	152.7		

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#56

2,4-Dinitrotoluene

Concen: 53.67 ng

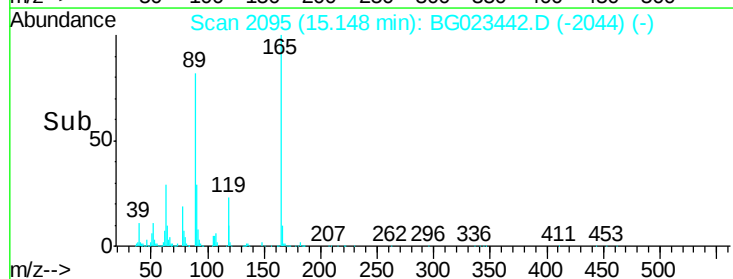
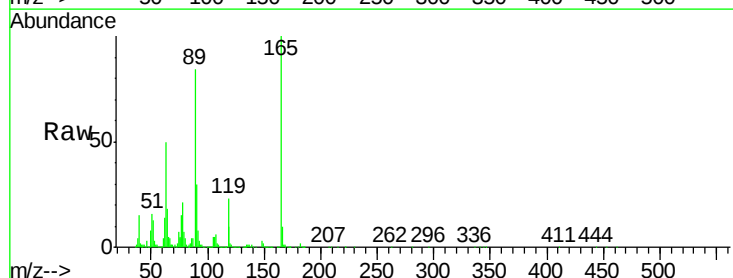
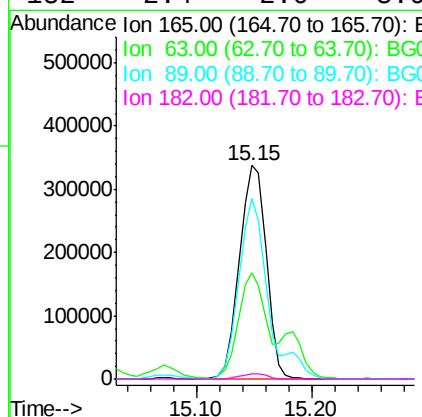
RT: 15.15 min Scan# 2095

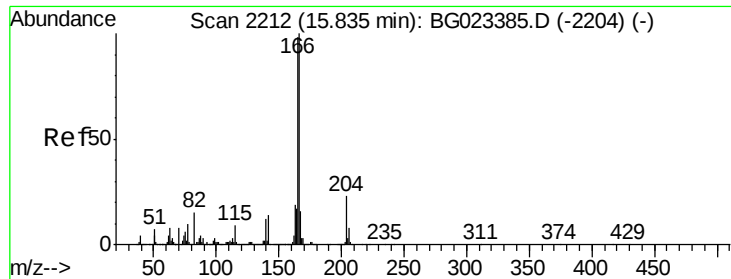
Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	49.7	45.8	68.6		
89	84.4	68.6	102.8		
182	2.4	2.0	3.0		





#57

Fluorene

Concen: 49.27 ng

RT: 15.84 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:166 Resp: 1468399

Ion Ratio Lower Upper

166 100

165 100.0 81.0 121.6

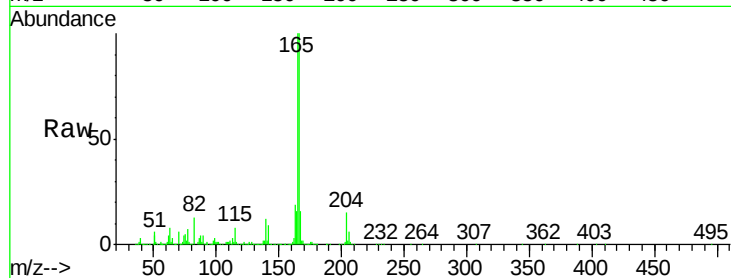
167 16.0 12.0 18.0

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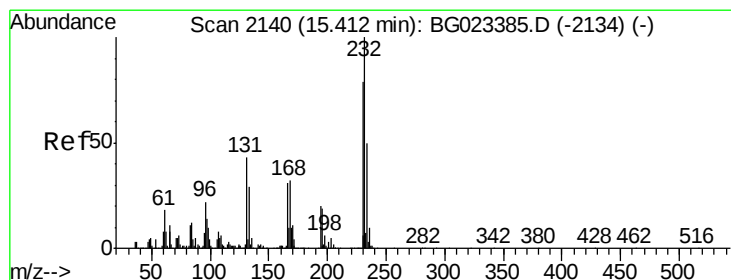
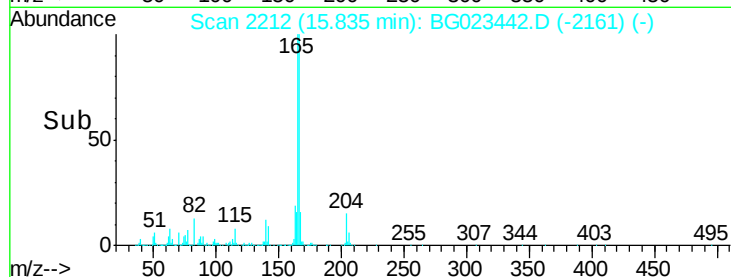
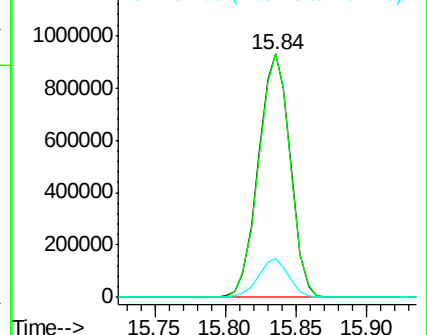


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.69 ng m

RT: 15.41 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:232 Resp: 467608

Ion Ratio Lower Upper

232 100

131 37.8 32.7 49.1

130 2.6 2.6 3.8

166 24.7 23.0 34.6

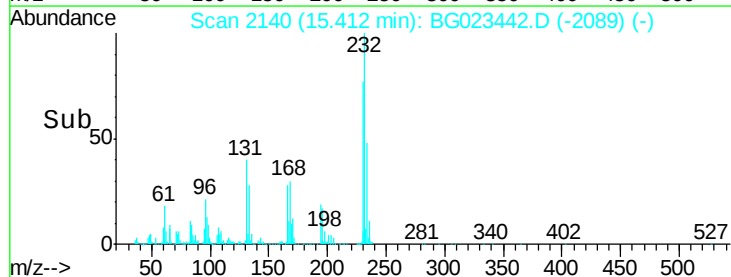
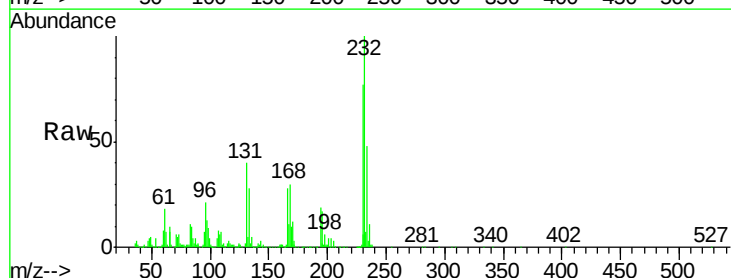
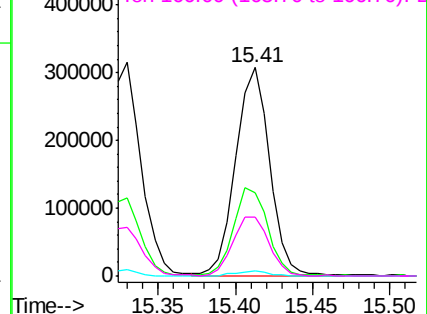
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





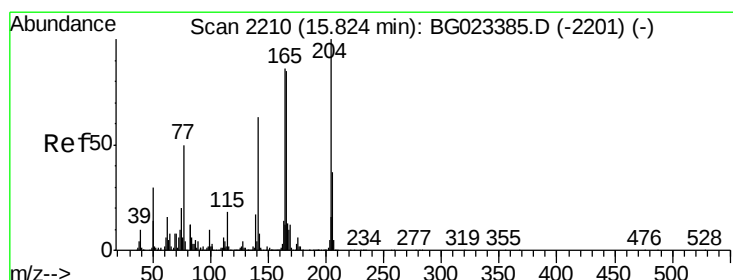
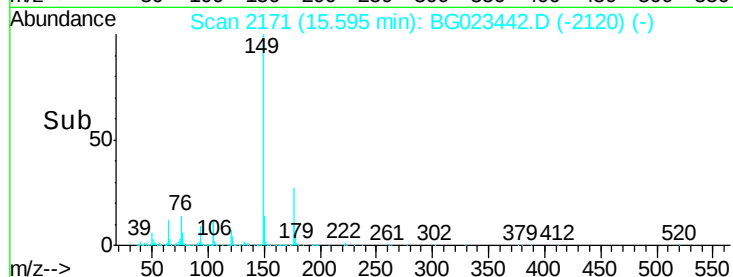
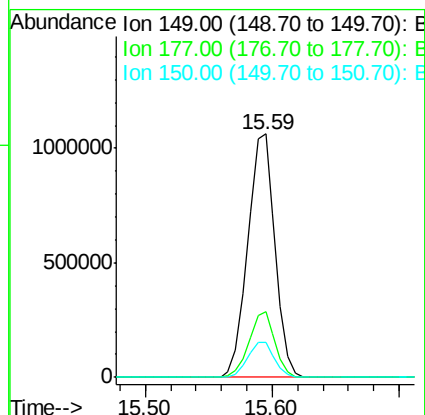
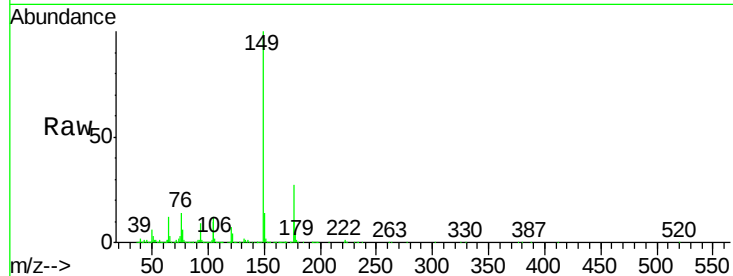
#59
Diethylphthalate
Concen: 51.07 ng
RT: 15.59 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.8	19.2	28.8
150	14.3	10.6	16.0

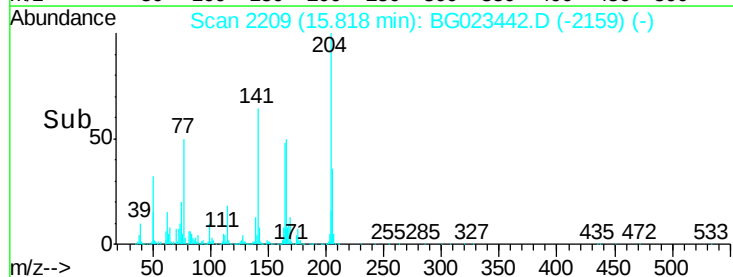
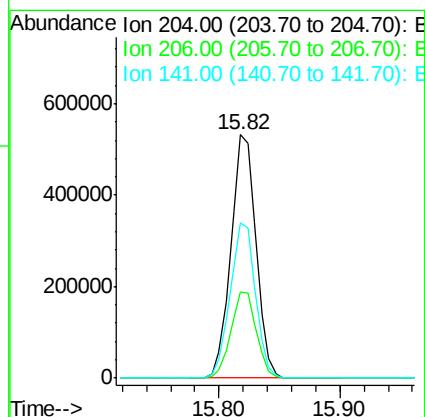
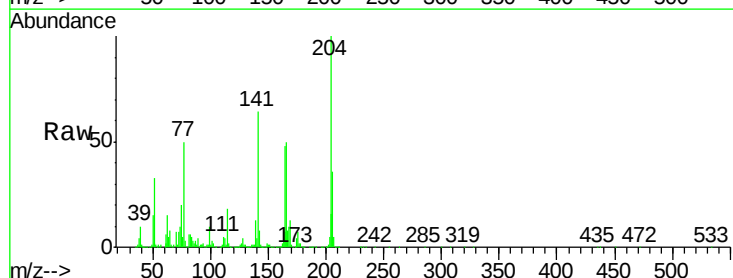
Manual Integrations
APPROVED

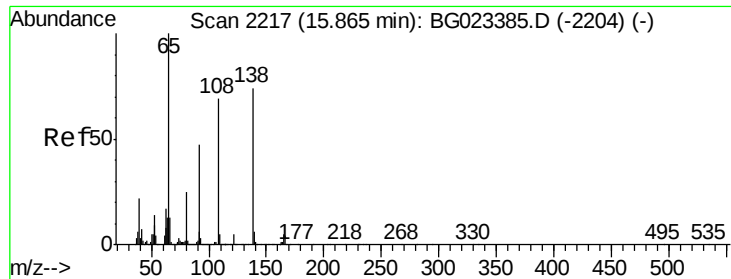
sohil
8/4/2016 6:08:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.63 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.5	28.5	42.7
141	64.0	51.4	77.0





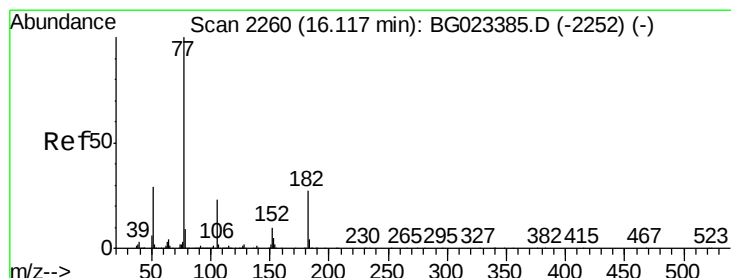
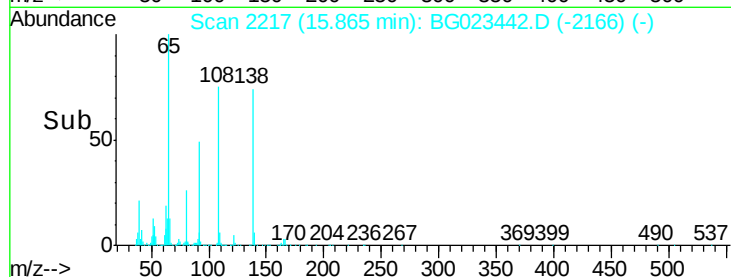
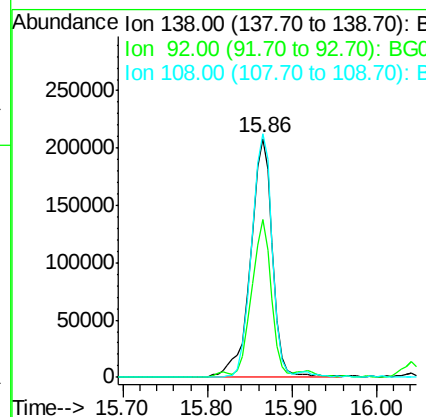
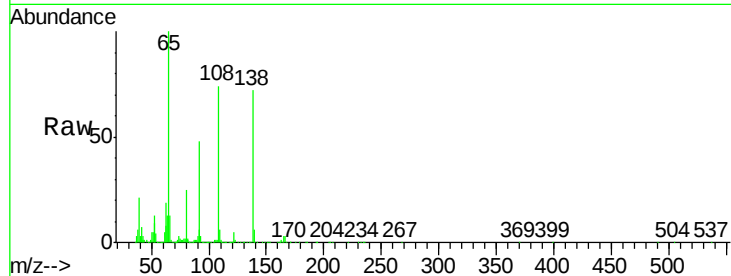
#61
4-Nitroaniline
Concen: 43.61 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.9	54.1	94.1
108	102.0	133.9	173.9#

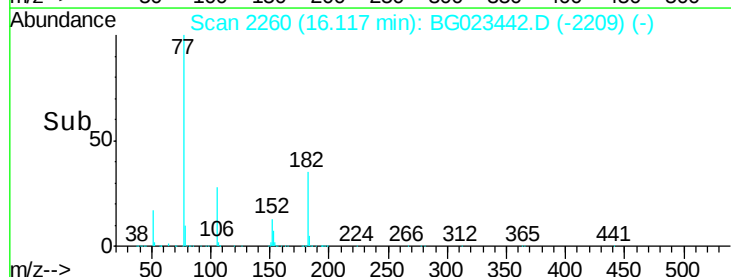
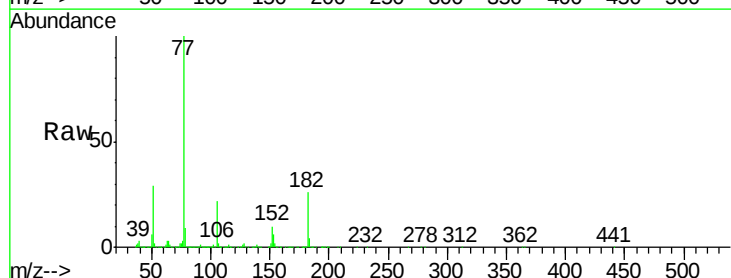
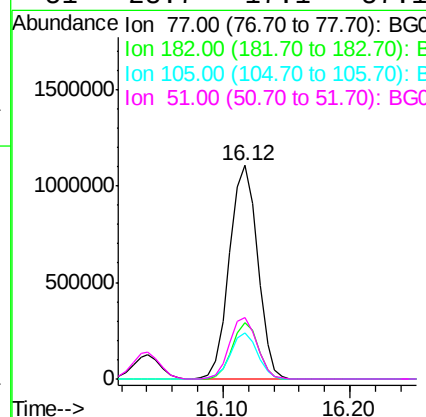
Manual Integrations
APPROVED

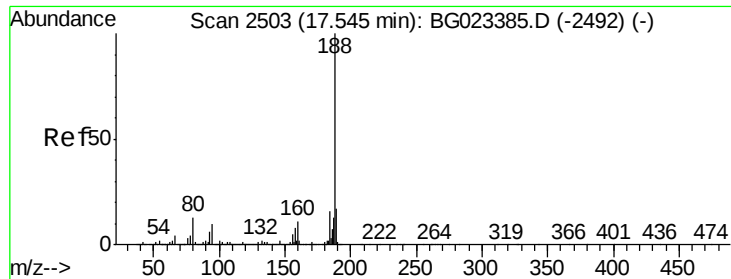
sohil
8/4/2016 6:08:53 PM



#62
Azobenzene
Concen: 54.03 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	3.5	43.5
105	21.7	0.0	38.5
51	28.7	17.1	57.1





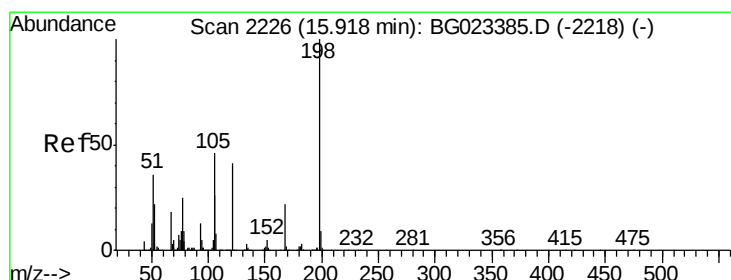
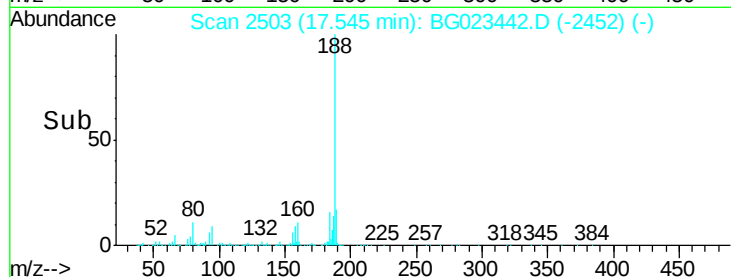
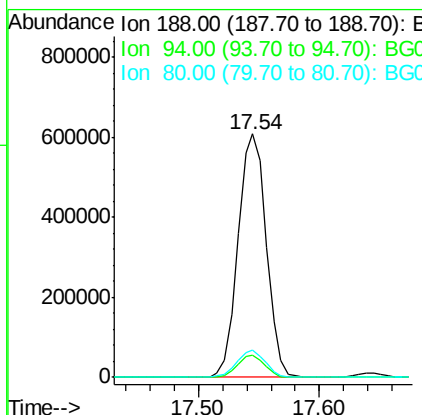
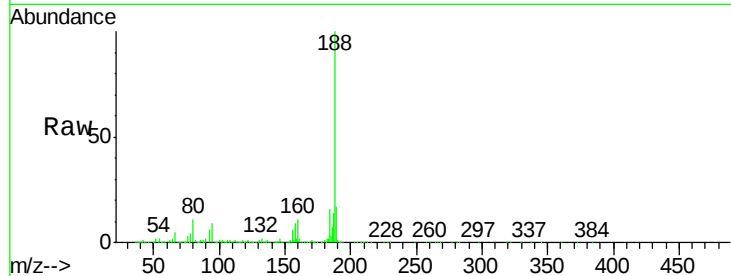
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	988541		
94	8.9	5.2	7.8#	
80	11.2	7.2	10.8#	

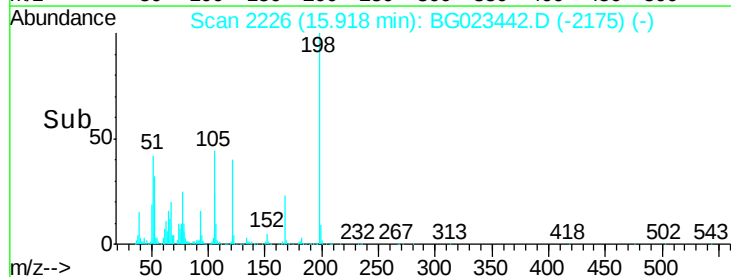
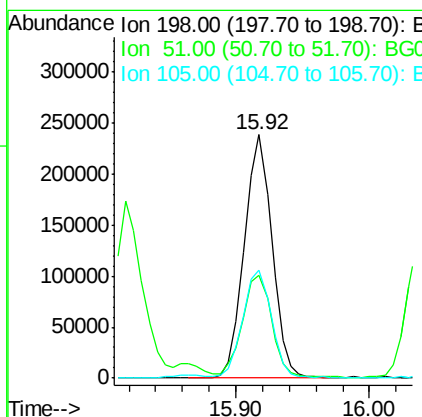
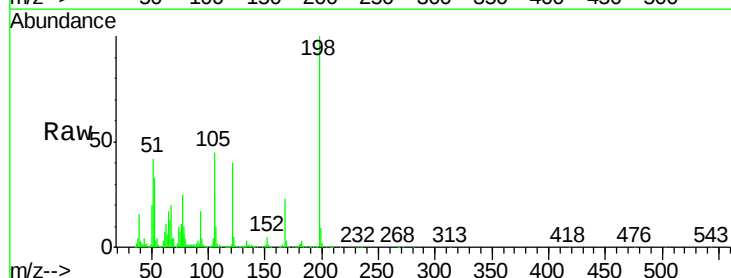
Manual Integrations
APPROVED

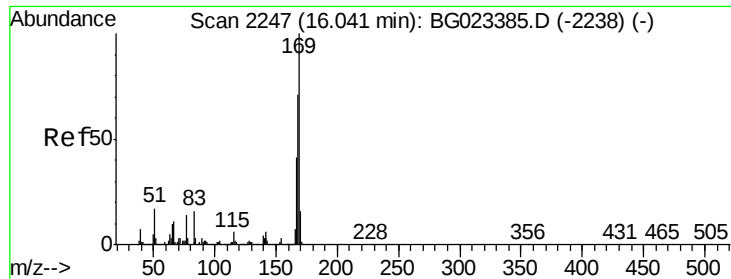
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#64
4,6-Dinitro-2-methylphenol
Concen: 51.06 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	343167		
51	42.2	26.0	66.0	
105	44.6	20.1	60.1	





#65

n-Nitrosodiphenylamine

Concen: 47.20 ng

RT: 16.04 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:169 Resp: 1368563

Ion Ratio Lower Upper

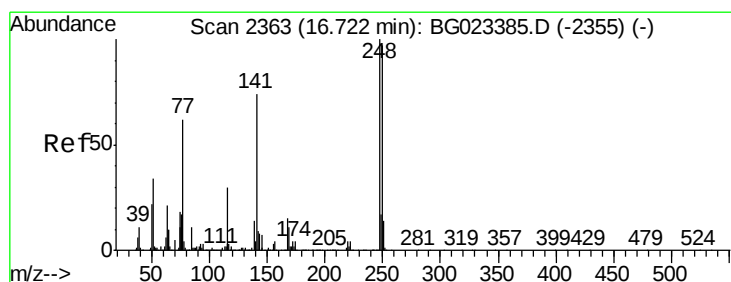
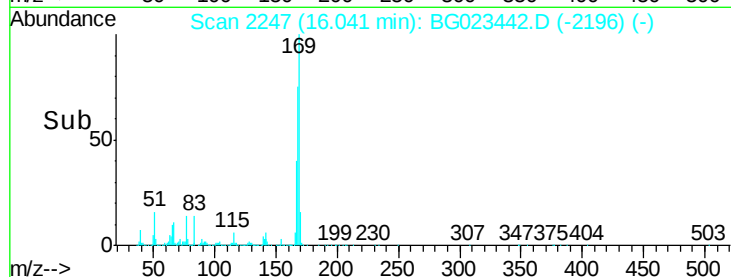
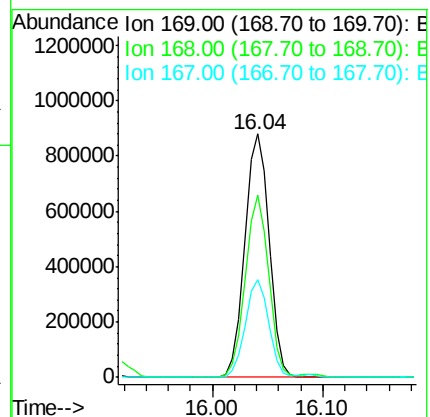
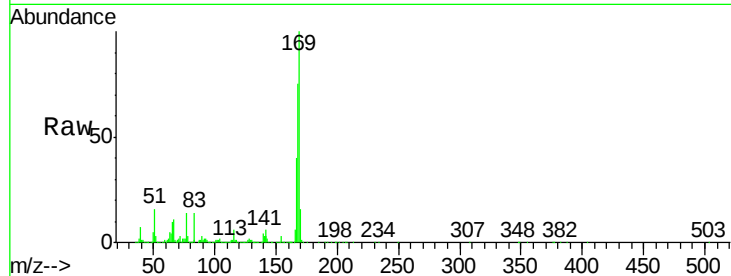
169 100

168 74.6 55.0 82.4

167 39.9 27.4 41.0

Manual Integrations
APPROVED

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#66

4-Bromophenyl-phenylether

Concen: 48.00 ng

RT: 16.72 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

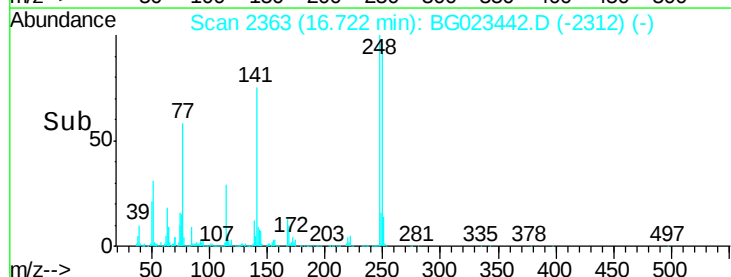
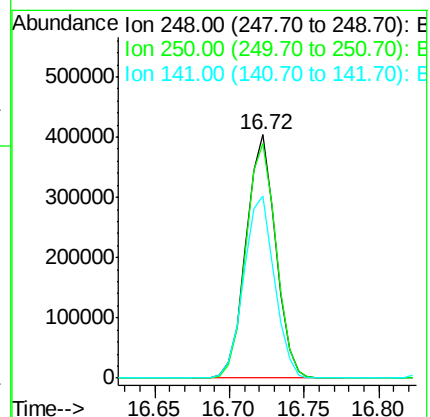
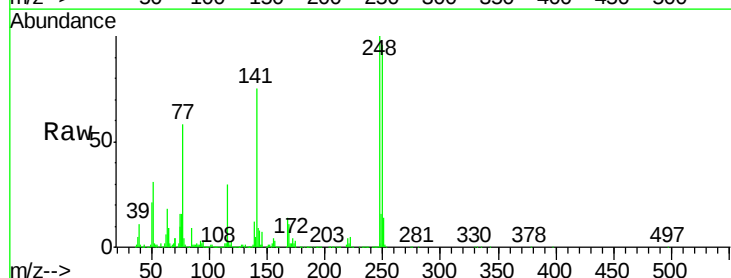
Tgt Ion:248 Resp: 552998

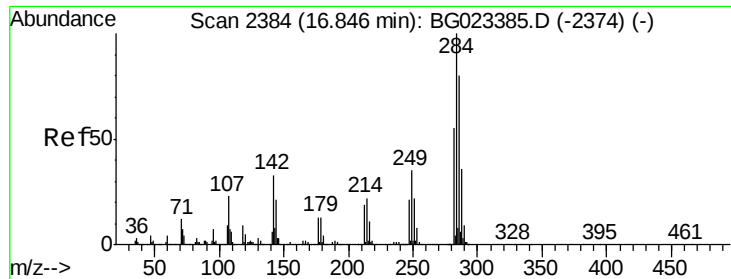
Ion Ratio Lower Upper

248 100

250 96.3 77.8 116.8

141 75.1 65.7 98.5





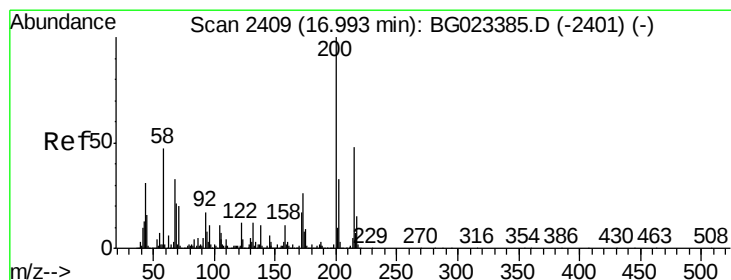
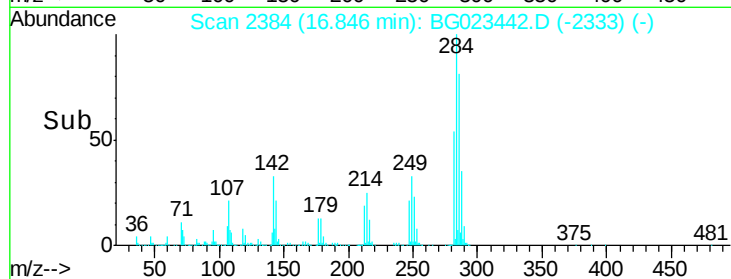
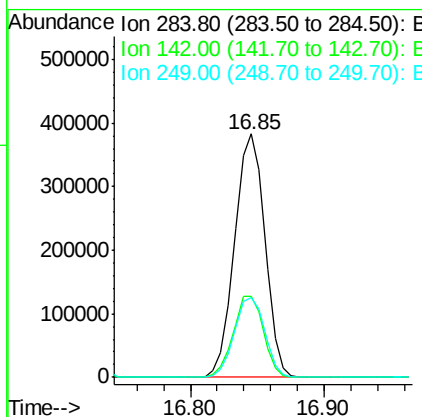
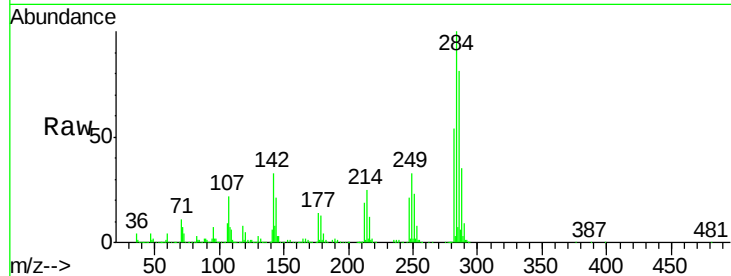
#67
Hexachlorobenzene
Concen: 47.75 ng
RT: 16.85 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	601888		
142	33.1	26.8	40.2	
249	32.7	28.9	43.3	

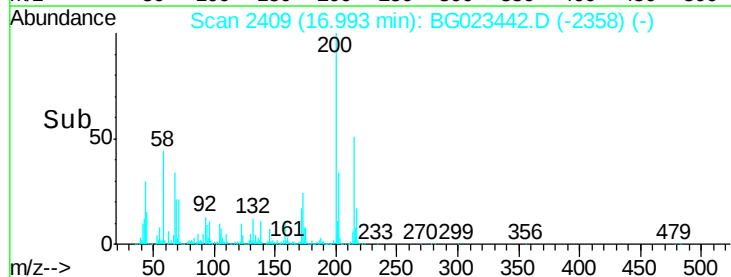
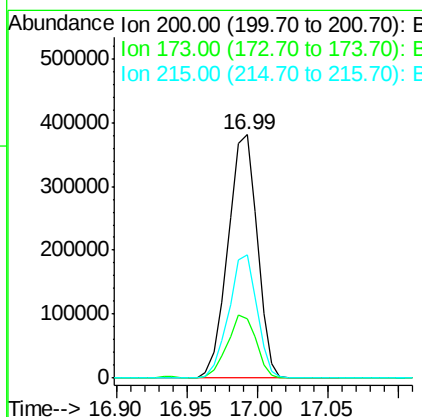
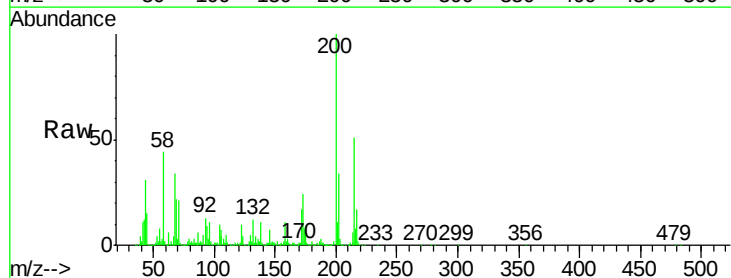
Manual Integrations
APPROVED

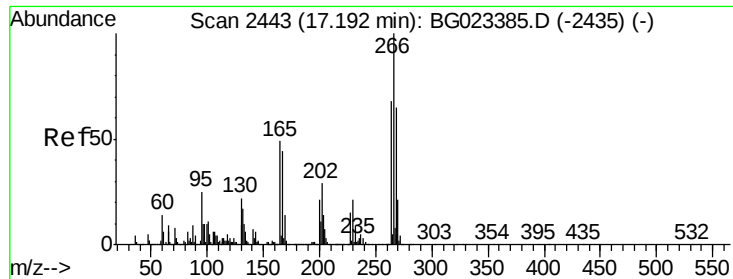
sohil
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#68
Atrazine
Concen: 49.35 ng
RT: 16.99 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	549393		
173	24.5	1.6	41.6	
215	50.9	28.7	68.7	





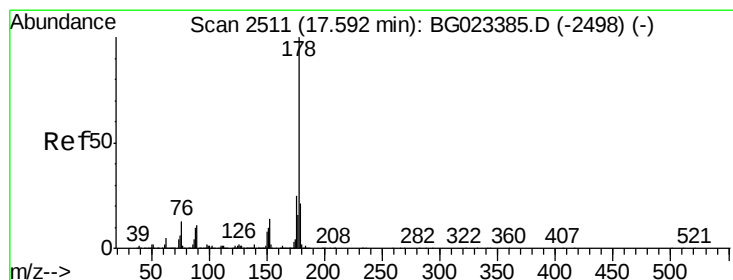
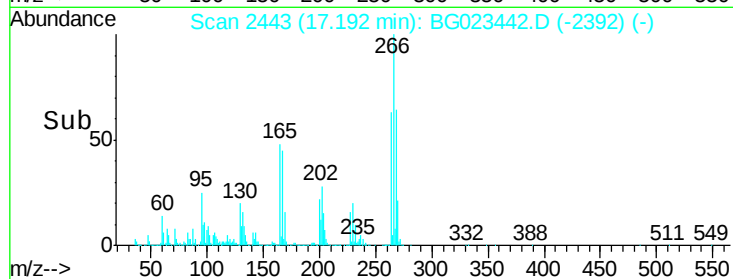
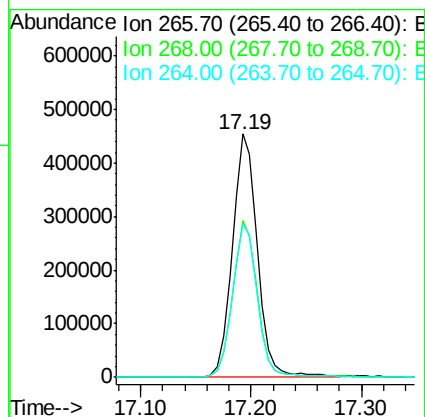
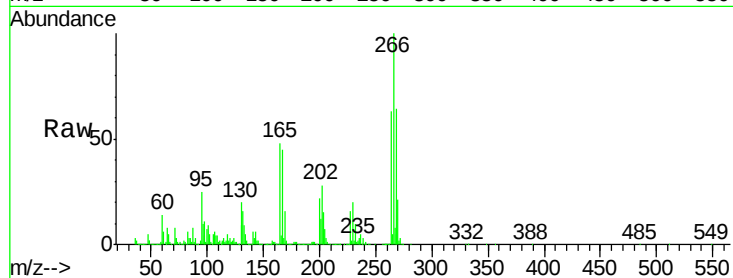
#69
 Pentachlorophenol
 Concen: 98.19 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.9	77.9
264	62.9	50.6	75.8

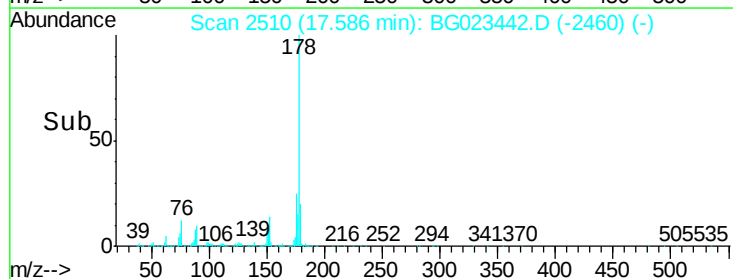
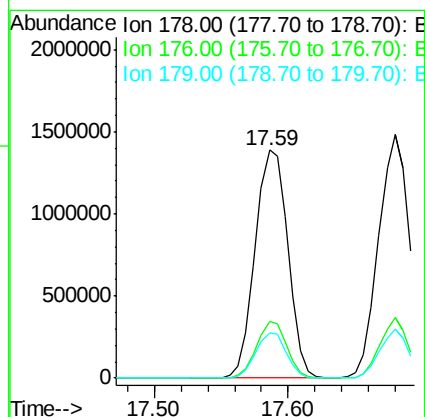
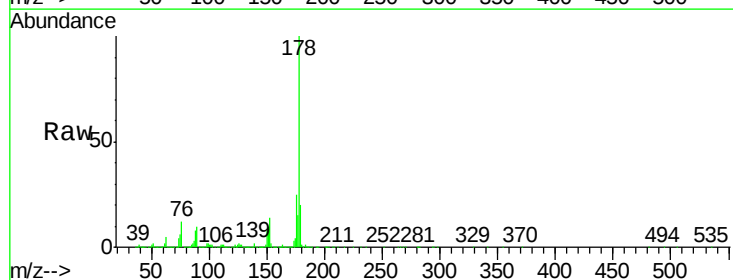
Manual Integrations
 APPROVED

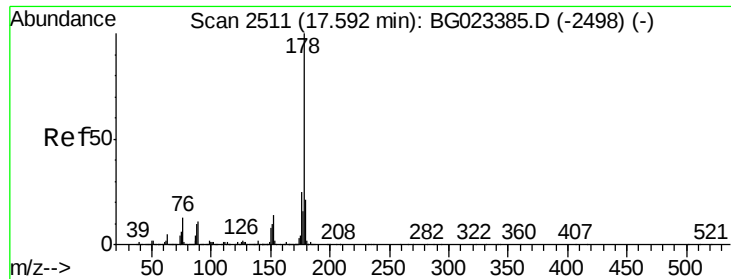
sohil
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#70
 Phenanthrene
 Concen: 46.62 ng
 RT: 17.59 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.1	16.8	25.2
179	20.0	14.3	21.5





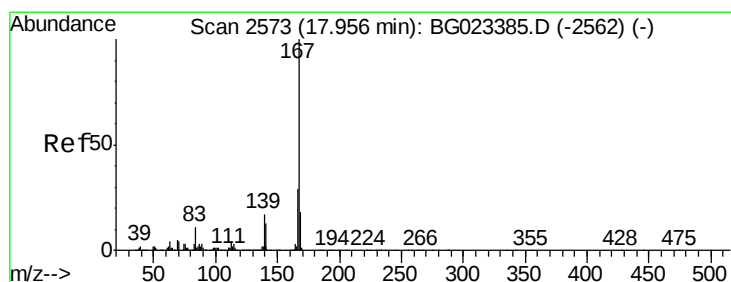
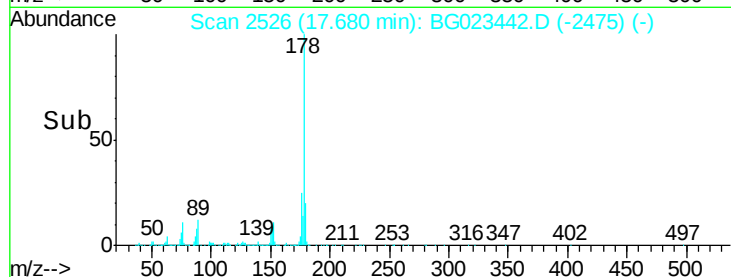
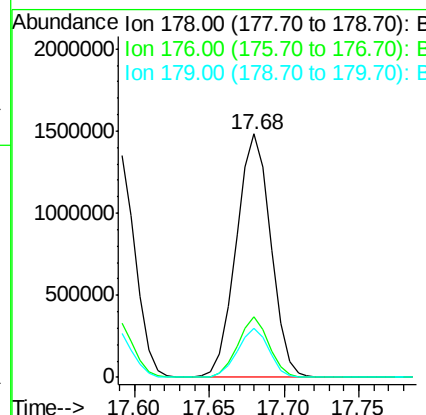
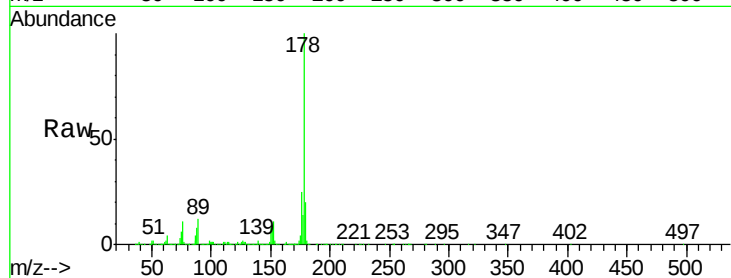
#71
 Anthracene
 Concen: 47.19 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.7	17.3	25.9
179	20.4	14.0	21.0

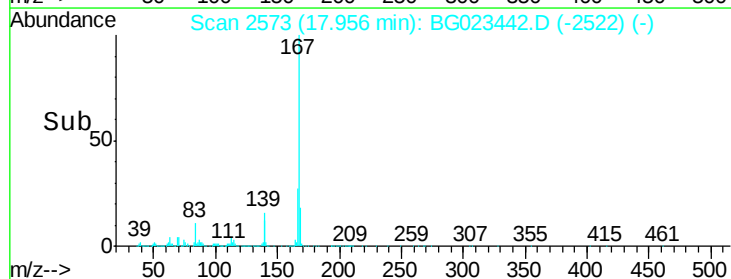
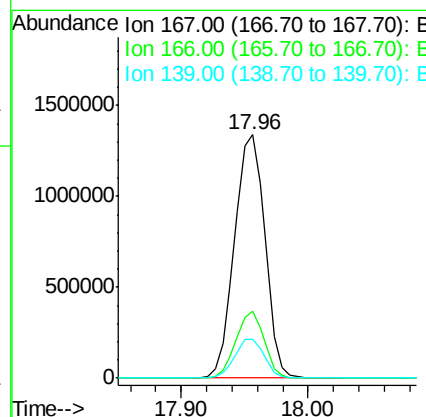
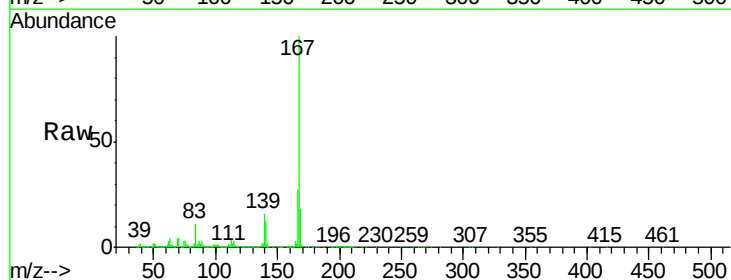
Manual Integrations
 APPROVED

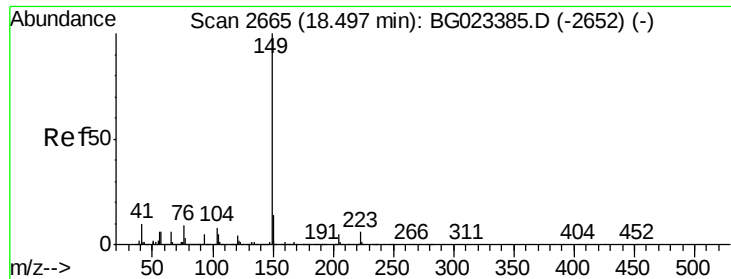
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#72
 Carbazole
 Concen: 50.17 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	27.5	20.7	31.1
139	16.1	11.9	17.9





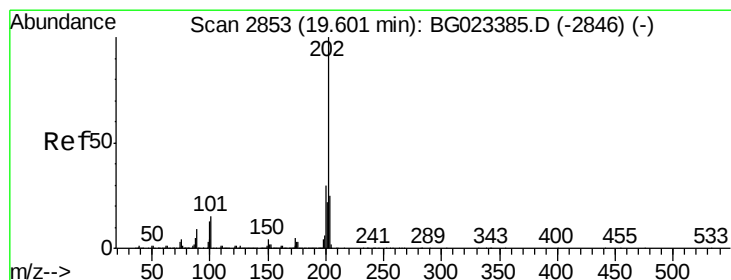
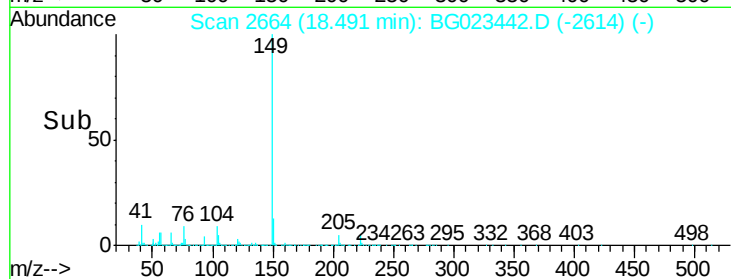
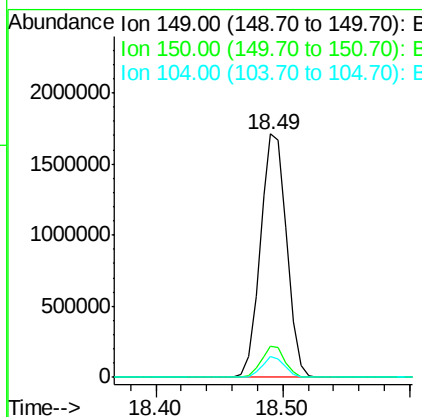
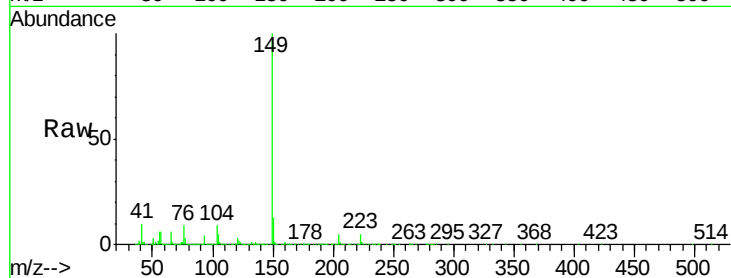
#73
Di-n-butylphthalate
Concen: 56.55 ng
RT: 18.49 min Scan# 2664
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
150	13.0	9.1	13.7	
104	8.5	6.9	10.3	

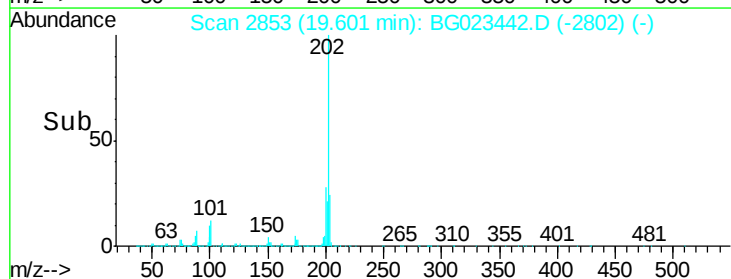
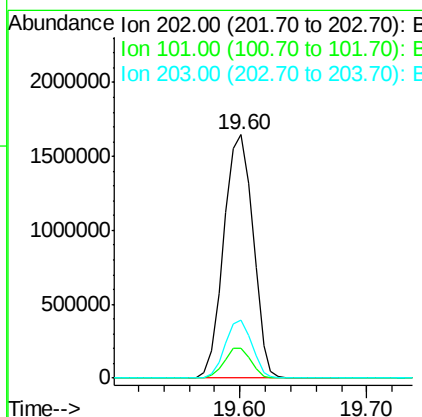
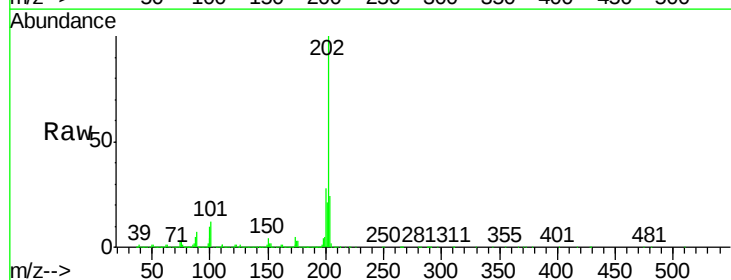
Manual Integrations
APPROVED

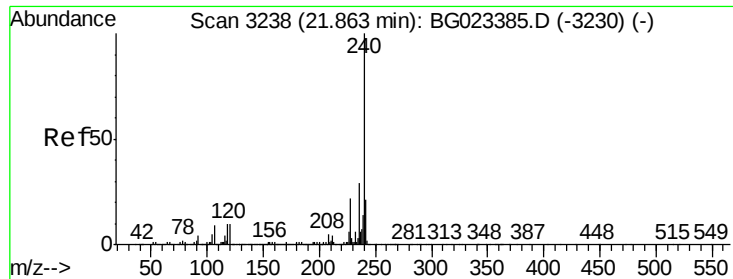
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8/4/2016 6:08:53 PM



#74
Fluoranthene
Concen: 58.52 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	12.2	0.0	27.4	
203	23.9	1.7	41.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

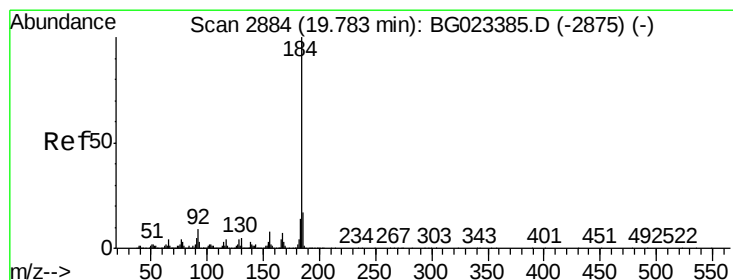
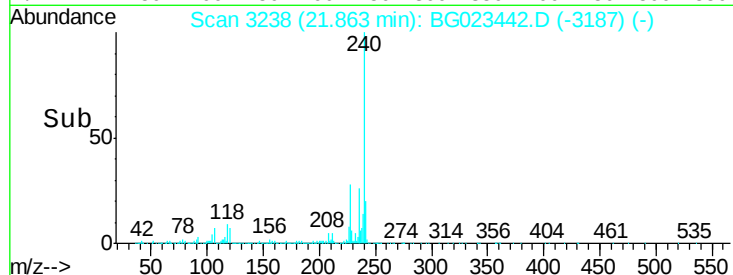
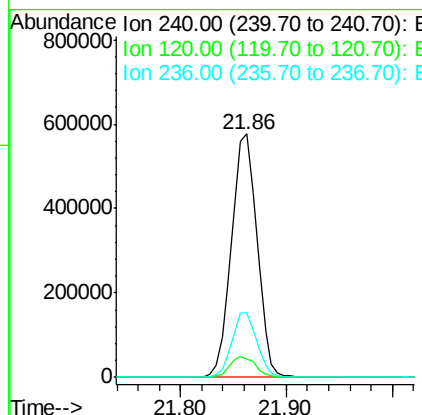
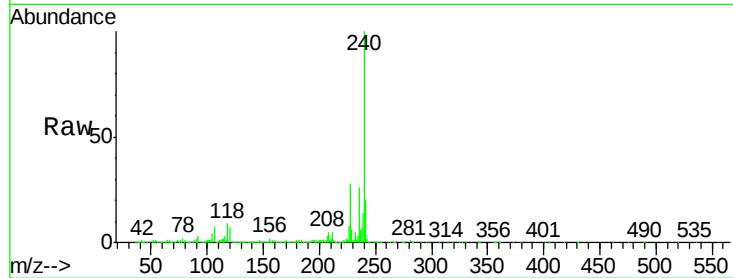
ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:	240	Resp:	962816
Ion Ratio	Lower	Upper	
240	100		
120	7.3	4.1	6.1#
236	26.4	21.1	31.7

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#76

Benzidine

Concen: 13.74 ng

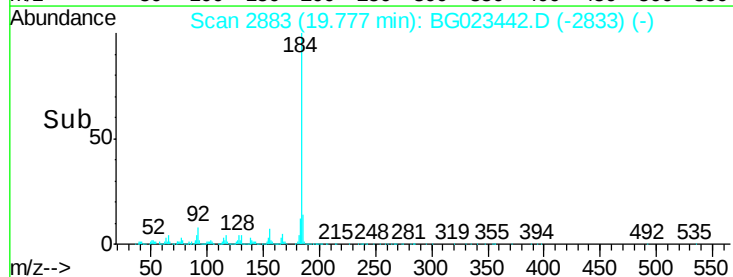
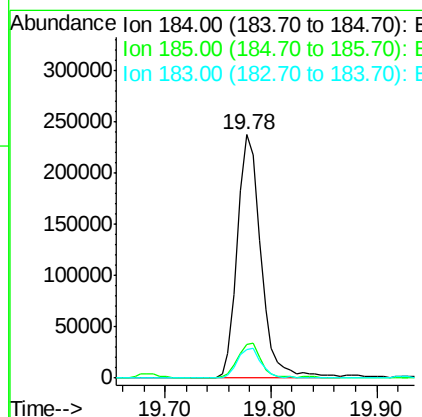
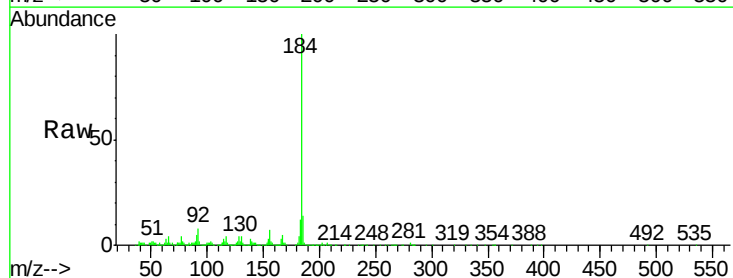
RT: 19.78 min Scan# 2883

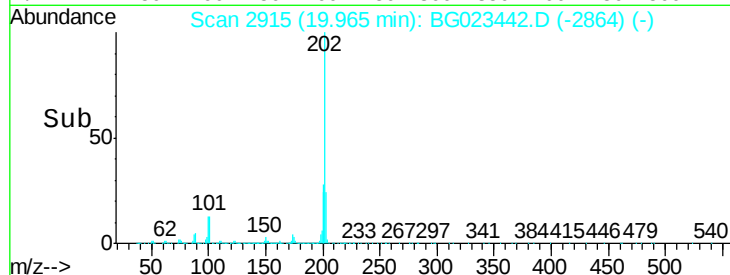
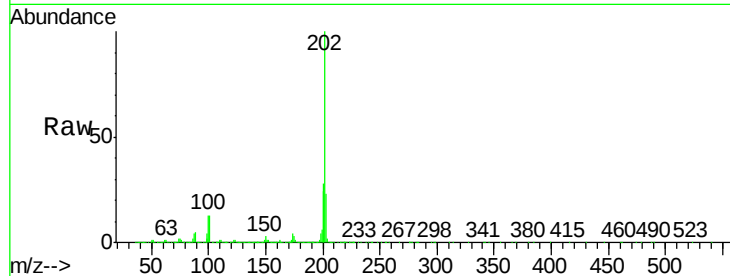
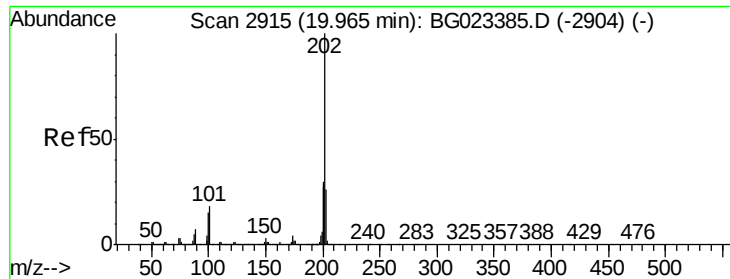
Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Tgt Ion:	184	Resp:	367745
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	19.0
183	11.9	10.7	16.1





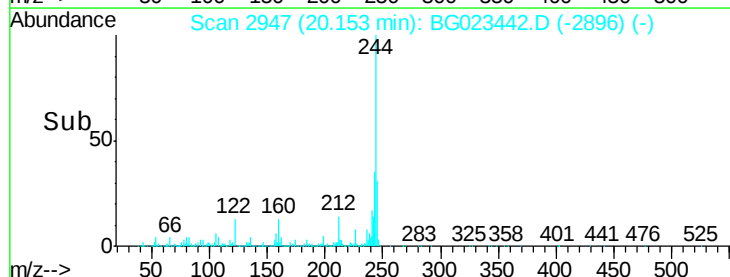
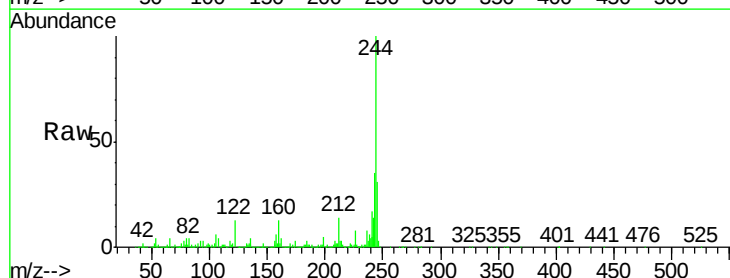
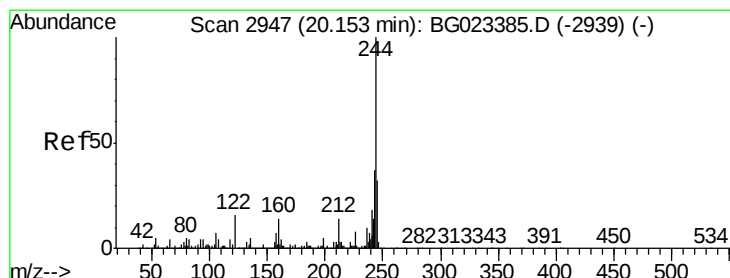
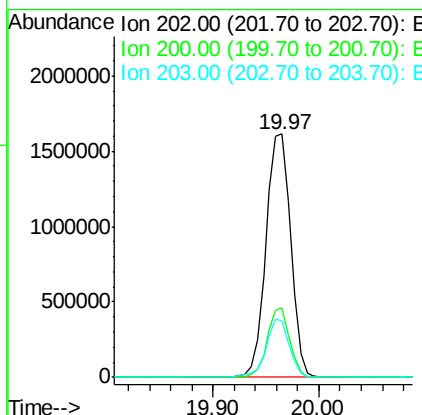
#77
Pvrene
Concen: 48.65 ng
RT: 19.97 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	28.5	21.2	31.8
203	23.5	16.8	25.2

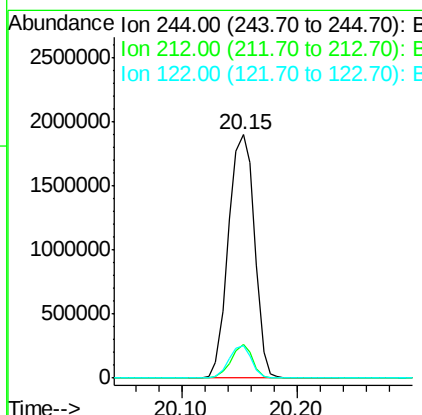
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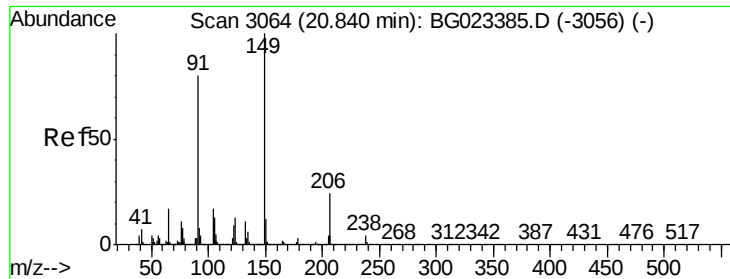
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#78
Terphenyl-d14
Concen: 99.65 ng
RT: 20.15 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.8	10.8	16.2
122	13.3	8.0	12.0#





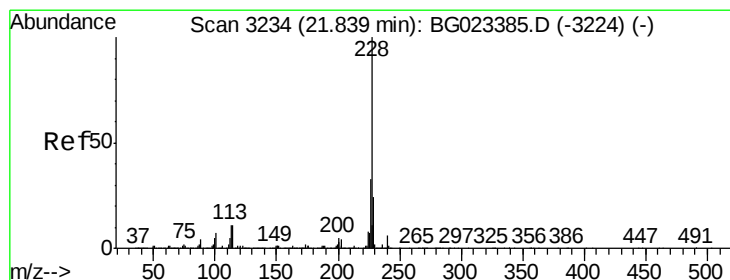
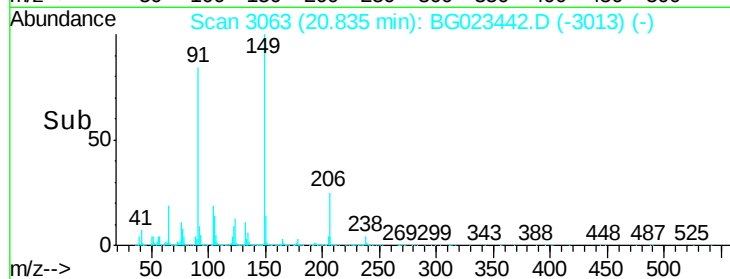
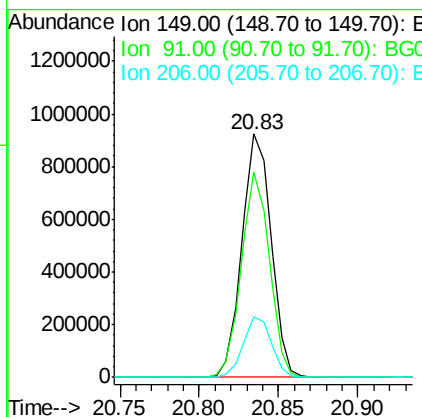
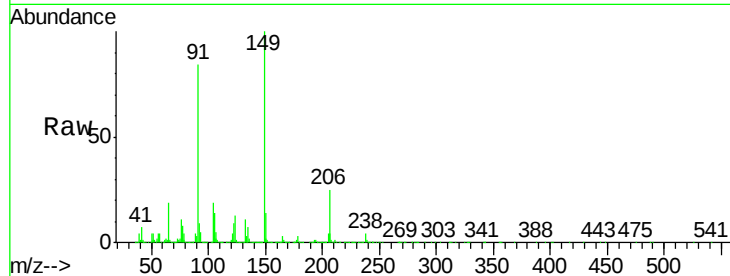
#79
Butylbenzylphthalate
Concen: 51.03 ng
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.1	68.1	102.1
206	25.1	19.8	29.6

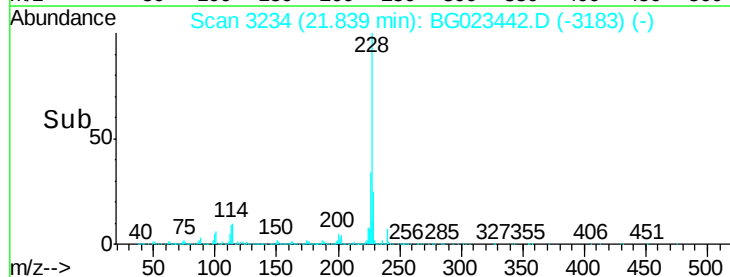
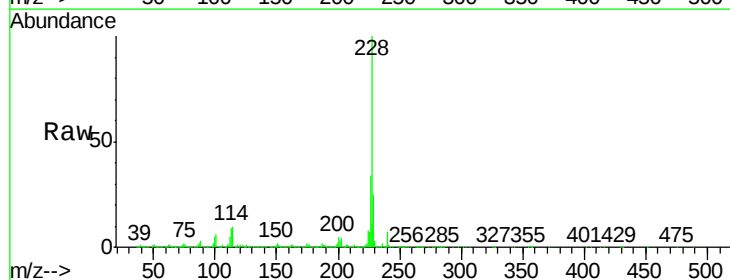
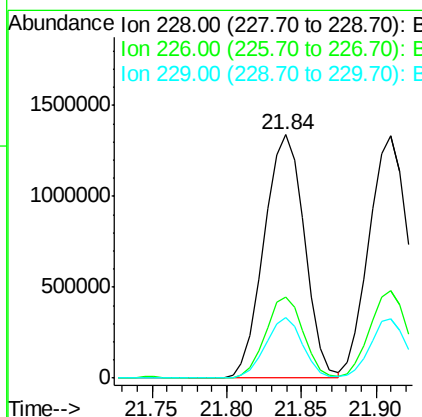
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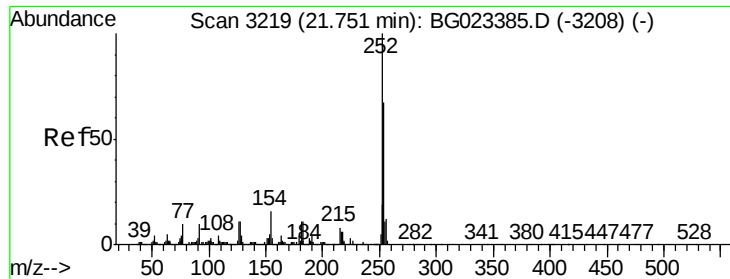
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#80
Benzo(a)anthracene
Concen: 47.50 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.3	37.9
229	24.7	19.9	29.9





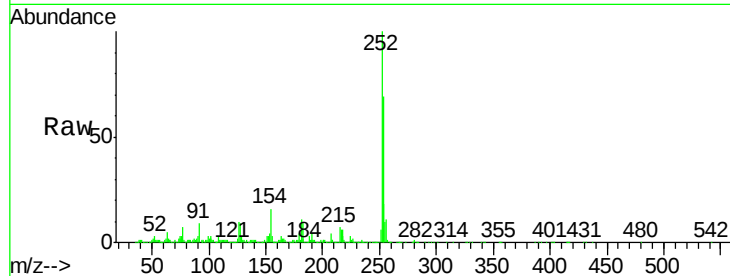
#81
 3,3'-Dichlorobenzidine
 Concen: 31.90 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

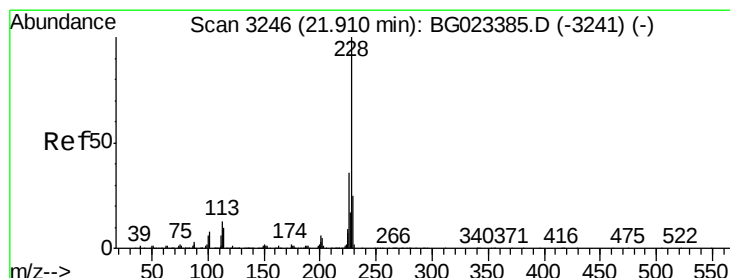
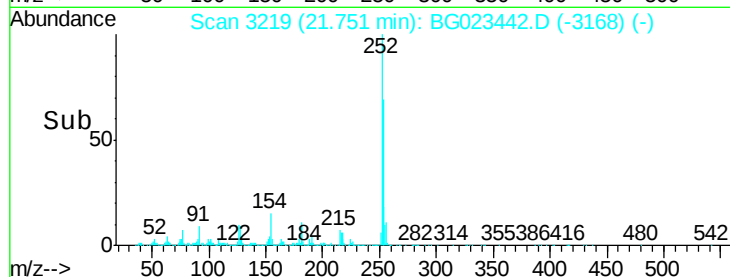
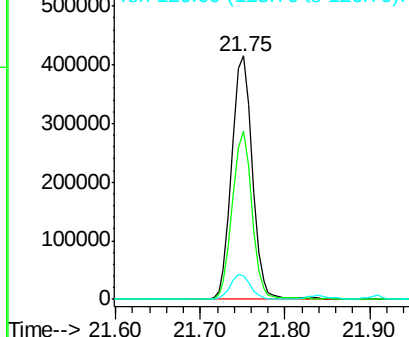
Tot Ion	Ratio	Lower	Upper
252	100		
254	68.9	51.2	76.8
126	9.9	5.3	7.9

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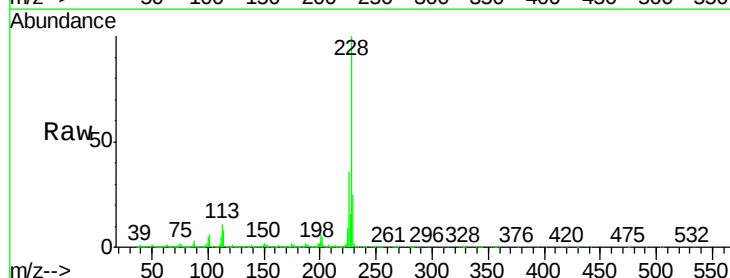


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

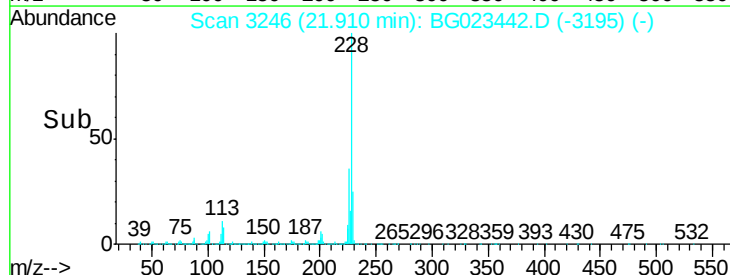
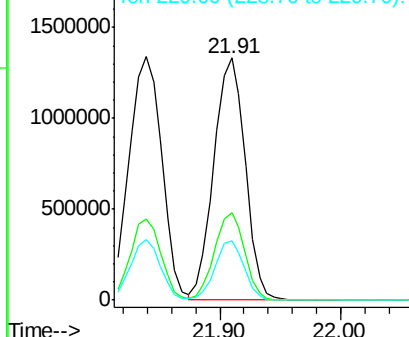


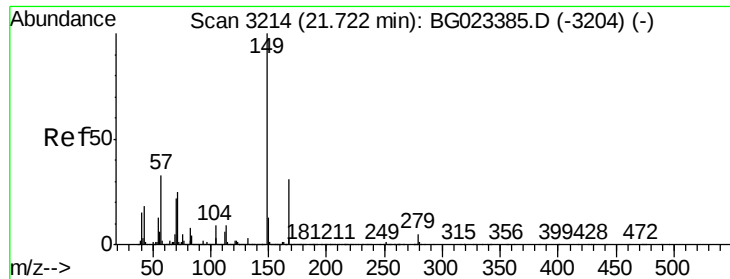
#82
 Chrysene
 Concen: 47.03 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.00 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.0	26.7	40.1
229	24.6	17.4	26.2



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





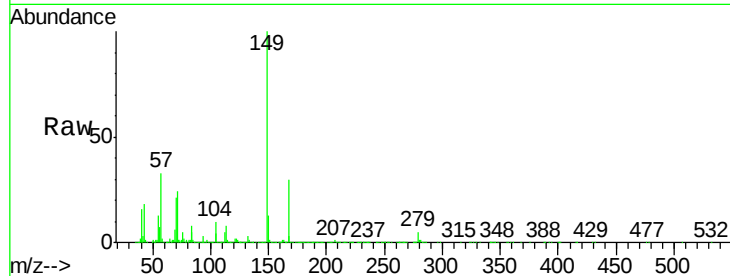
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.81 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.0	36.0
279	5.2	4.8	7.2

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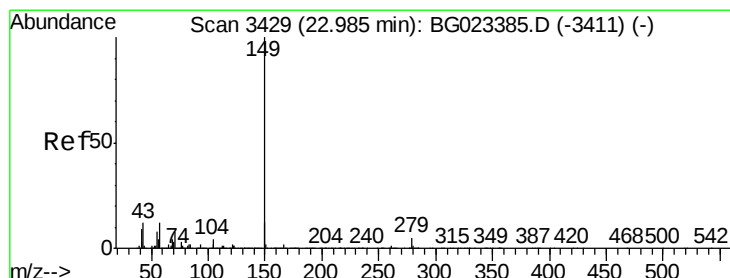
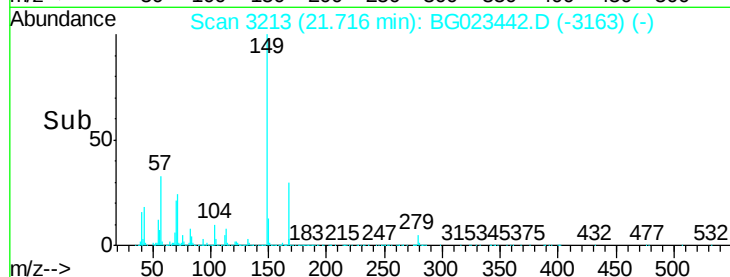
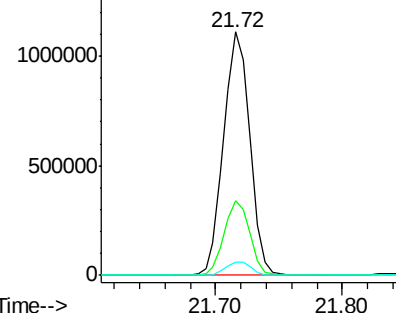


Abundance

Ion 149.00 (148.70 to 149.70): E

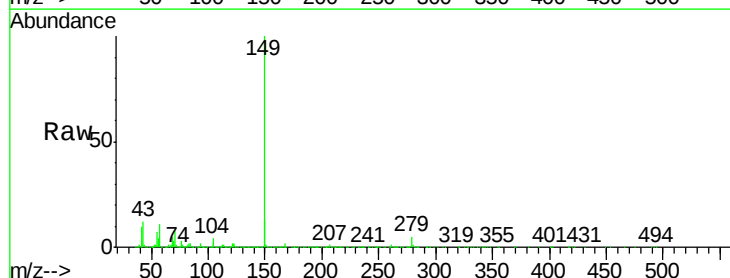
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 47.71 ng
 RT: 22.98 min Scan# 3428
 Delta R.T. -0.01 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	10.8	8.8	13.2

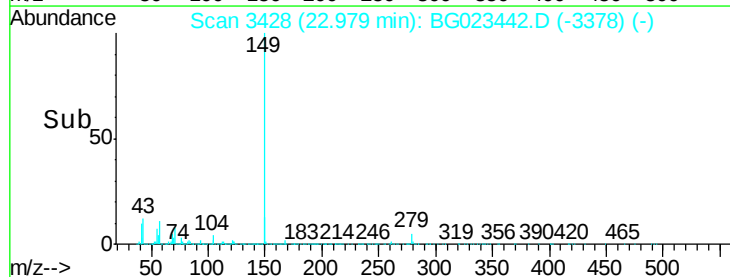
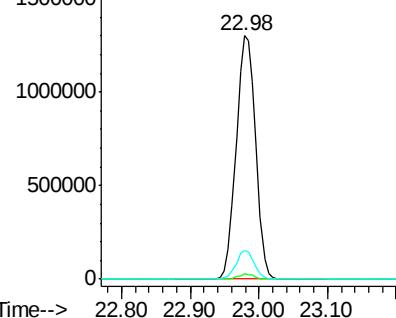


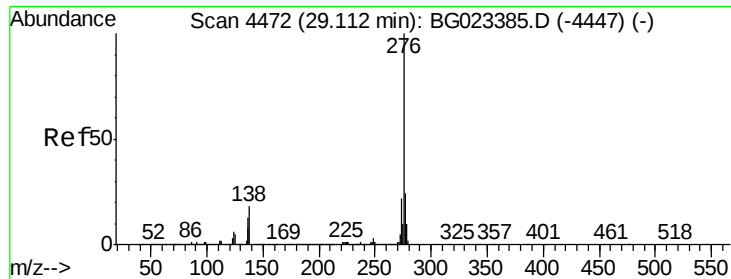
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.58 ng

RT: 29.11 min Scan# 4471

Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

Tot Ion:276 Resp: 3069207

Ion Ratio Lower Upper

276 100

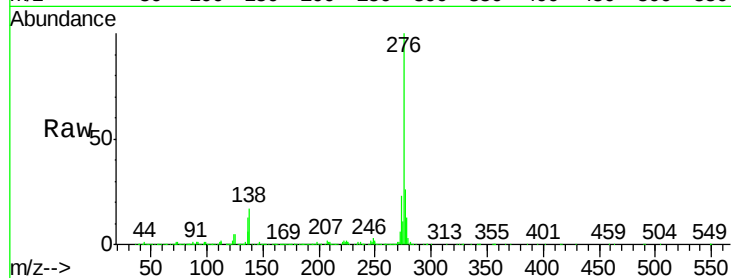
138 13.2 0.0 0.0#

277 25.8 0.0 0.0#

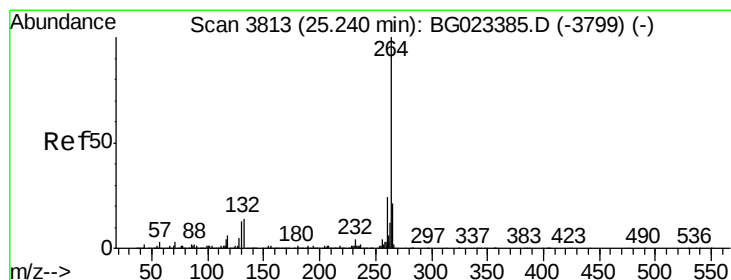
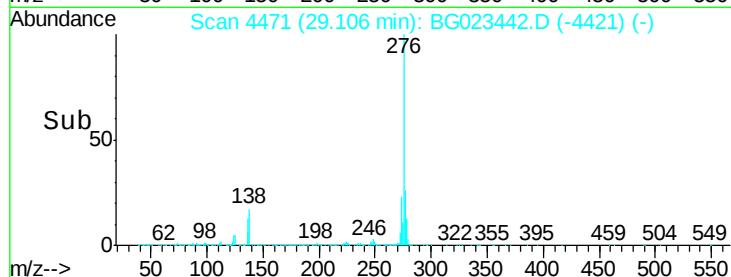
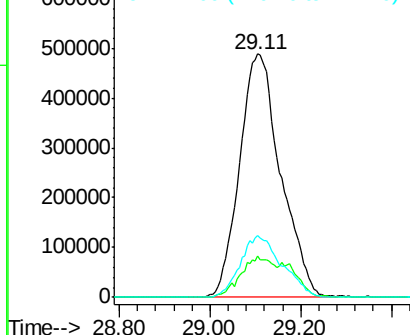
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BG023442.D

Acq: 4 Aug 2016 2:02

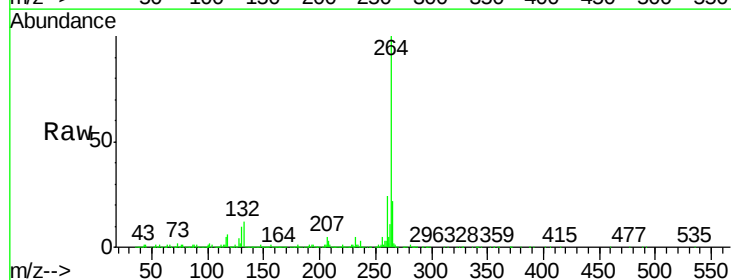
Tgt Ion:264 Resp: 936546

Ion Ratio Lower Upper

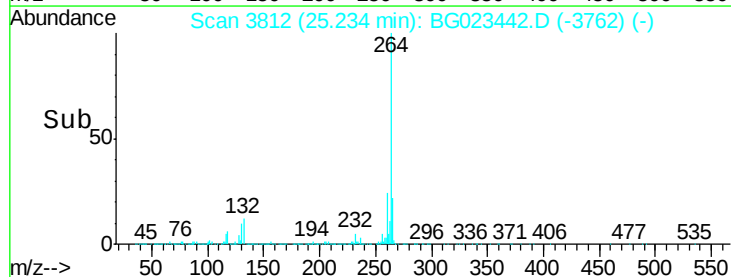
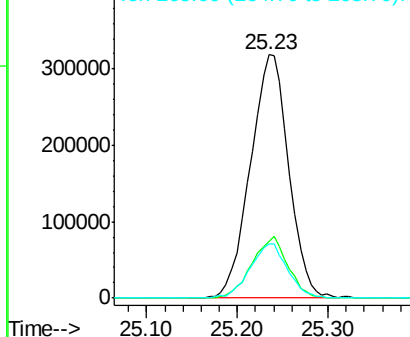
264 100

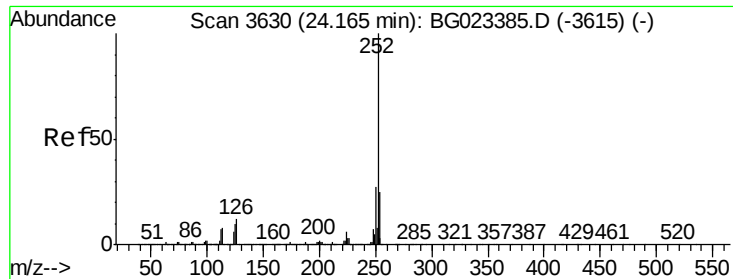
260 23.6 18.4 27.6

265 22.4 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





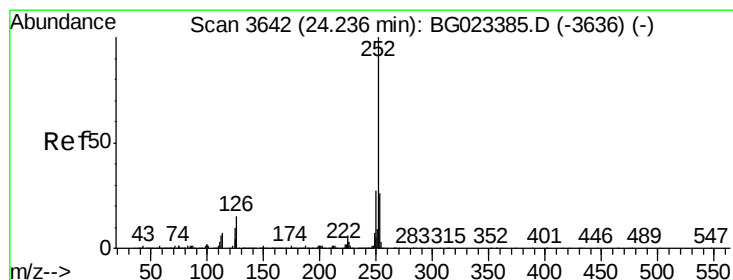
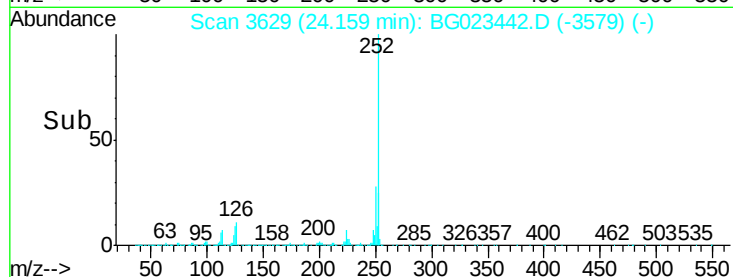
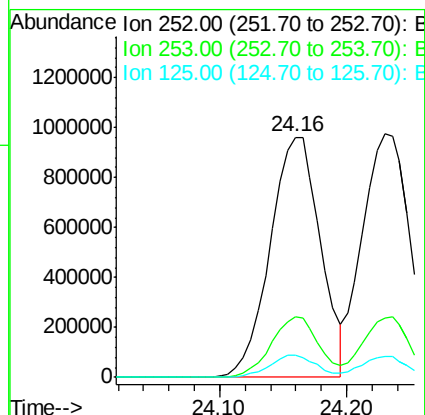
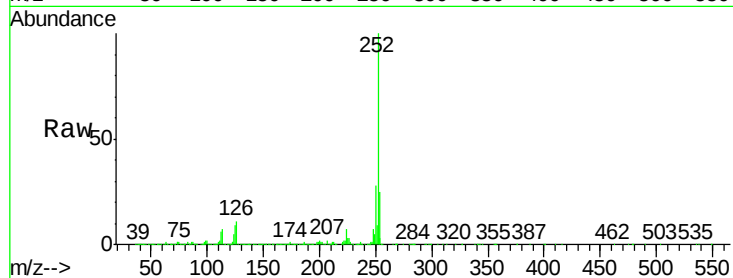
#87
Benzo(b)fluoranthene
Concen: 50.32 ng
RT: 24.16 min Scan# 3629
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.9	28.3
125	9.4	3.9	5.9

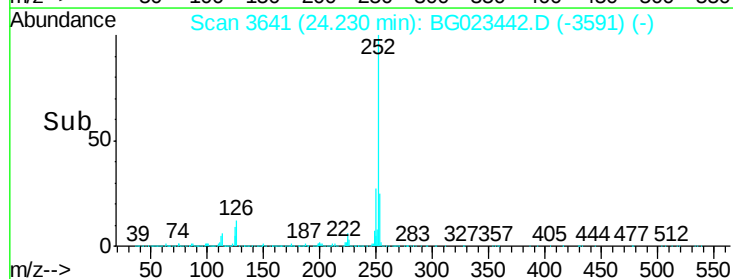
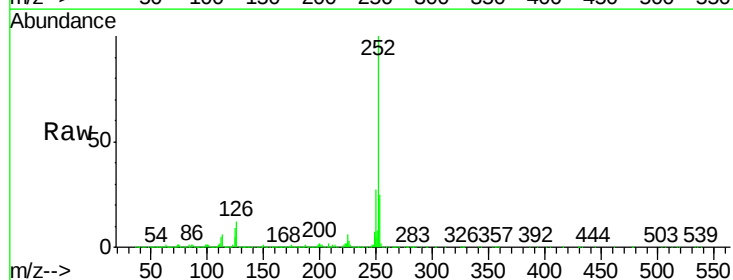
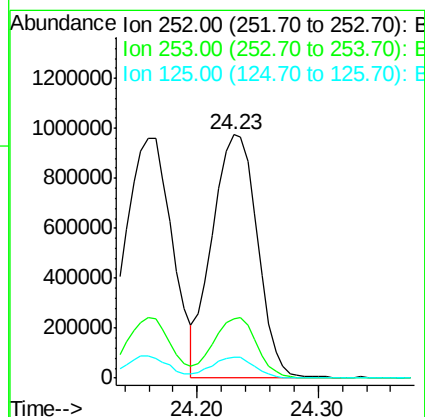
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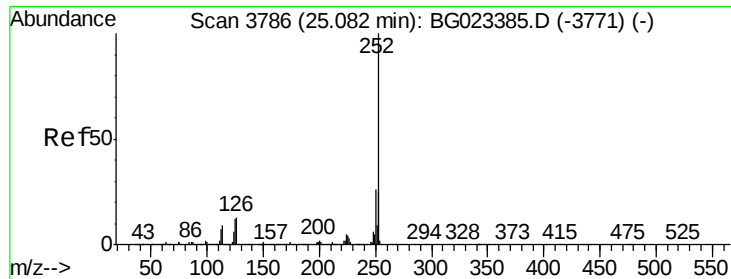
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#88
Benzo(k)fluoranthene
Concen: 49.72 ng
RT: 24.23 min Scan# 3641
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.8	28.2
125	8.8	3.2	4.8





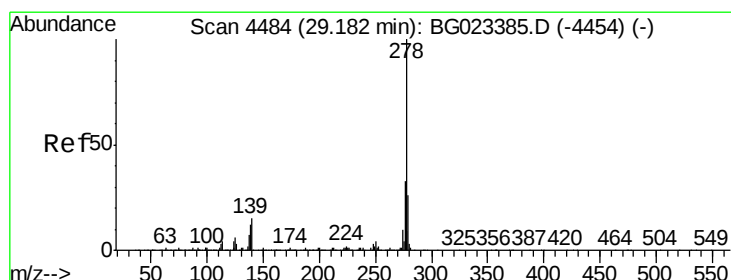
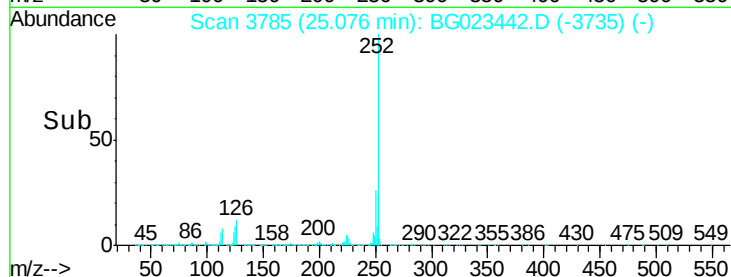
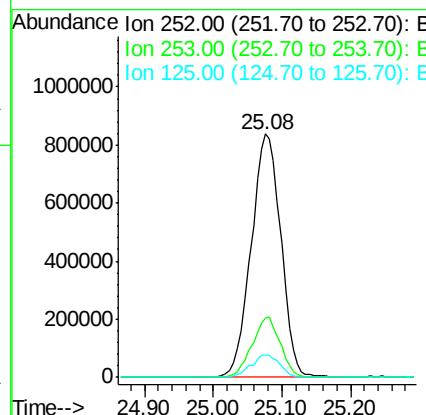
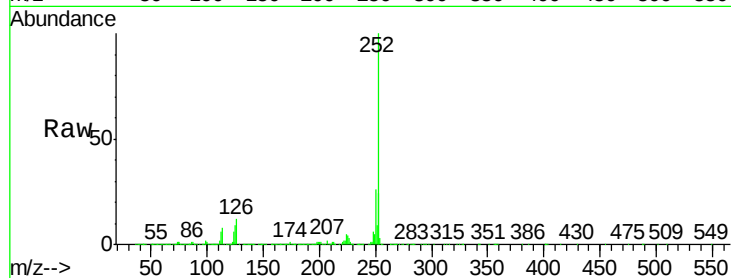
#89
Benzo(a)pyrene
Concen: 50.29 ng
RT: 25.08 min Scan# 3785
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	9.4	3.9	5.9

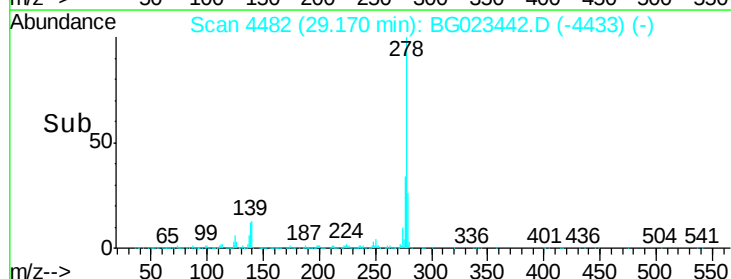
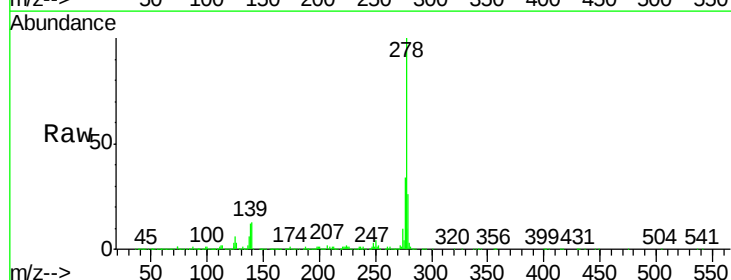
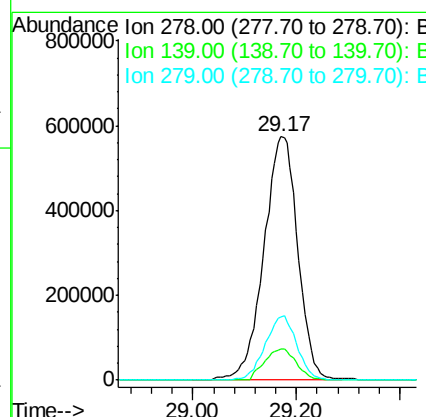
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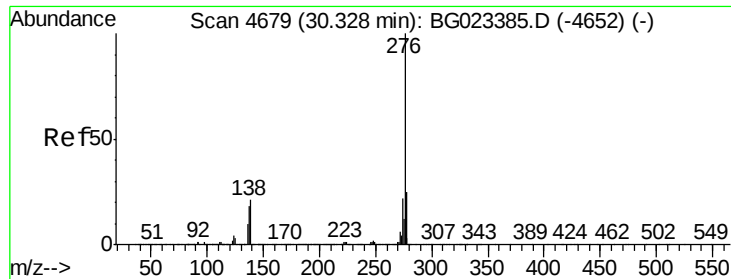
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#90
Dibenzo(a,h)anthracene
Concen: 50.91 ng
RT: 29.17 min Scan# 4482
Delta R.T. -0.01 min
Lab File: BG023442.D
Acq: 4 Aug 2016 2:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	4.7	7.1
279	25.8	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 49.55 ng
 RT: 30.32 min Scan# 4678
 Delta R.T. -0.01 min
 Lab File: BG023442.D
 Acq: 4 Aug 2016 2:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	15.2	6.8	10.2

Manual Integrations
 APPROVED

sohil
 8/4/2016 6:08:53 PM

