

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
 Data File : BG023177.D
 Acq On : 19 Jul 2016 15:27
 Operator : UM/SJ
 Sample : PB92224BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Manual Integrations

sohil
 7/20/2016 7:46:02 PM

Quant Time: Jul 20 01:26:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	108957	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	530434	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	402828	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	969526	20.00	ng	0.00
75) Chrysene-d12	21.88	240	988991	20.00	ng	0.00
86) Perylene-d12	25.27	264	947347	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	859062	128.95	ng	0.00
7) Phenol-d6	7.30	99	1351545	129.53	ng	0.00
23) Nitrobenzene-d5	9.32	82	976751	78.85	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	679226	93.82	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1931481	75.52	ng	0.00
78) Terphenyl-d14	20.16	244	2736373	89.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	112588	43.48	ng	94
3) Pyridine	3.95	79	266816	30.11	ng	97
4) n-Nitrosodimethylamine	3.86	42	146386	38.51	ng	# 88
6) Aniline	7.46	93	472193	32.65	ng	96
8) 2-Chlorophenol	7.70	128	328373	46.32	ng	96
9) Benzaldehyde	7.27	77	257684	36.96	ng	93
10) Phenol	7.33	94	503847	46.93	ng	89
11) bis(2-Chloroethyl)ether	7.55	93	333644	39.21	ng	92
12) 1,3-Dichlorobenzene	8.03	146	317550	36.59	ng	99
13) 1,4-Dichlorobenzene	8.18	146	324780	37.38	ng	97
14) 1,2-Dichlorobenzene	8.50	146	332626	38.51	ng	93
15) Benzyl Alcohol	8.38	79	433635	45.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	456457	43.91	ng	92
17) 2-Methylphenol	8.59	107	324873	46.49	ng	96
18) Hexachloroethane	9.24	117	140069	38.19	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	364895	38.79	ng	97
20) 3+4-Methylphenols	8.92	107	460462	47.24	ng	96
22) Acetophenone	8.97	105	587736	36.92	ng	# 95
24) Nitrobenzene	9.36	77	528740	40.17	ng	92
25) Isophorone	9.88	82	952630	38.23	ng	97
26) 2-Nitrophenol	10.08	139	209449	40.55	ng	93
27) 2,4-Dimethylphenol	10.13	122	358582	40.16	ng	89
28) bis(2-Chloroethoxy)methane	10.36	93	538656	38.77	ng	98
29) 2,4-Dichlorophenol	10.62	162	403228	42.35	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	387886	35.55	ng	96
31) Naphthalene	11.03	128	1052214	38.97	ng	100
32) Benzoic acid	10.27	122	250653	30.86	ng	# 90
33) 4-Chloroaniline	11.13	127	245615	18.60	ng	93
34) Hexachlorobutadiene	11.30	225	285019	32.22	ng	99
35) Caprolactam	11.91	113	150328m	38.37	ng	
36) 4-Chloro-3-methylphenol	12.26	107	527290	40.49	ng	97
37) 2-Methylnaphthalene	12.63	142	851231	39.89	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	525101	30.25	ng	100
40) Hexachlorocyclopentadiene	12.97	237	588819	58.92	ng	99

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Manual Integrations

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Quant Time: Jul 20 01:26:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	386870	38.77	nq	96
43) 2,4,5-Trichlorophenol	13.31	196	402385	39.27	nq	94
45) 1,1'-Biphenyl	13.63	154	1167507	38.63	nq	96
46) 2-Chloronaphthalene	13.68	162	978291	39.90	nq	97
47) 2-Nitroaniline	13.88	65	449422	42.96	nq	96
48) Acenaphthylene	14.52	152	1488311	40.47	nq	97
49) Dimethylphthalate	14.25	163	1302607	39.59	nq	96
50) 2,6-Dinitrotoluene	14.38	165	306810	41.49	nq	83
51) Acenaphthene	14.86	154	971482	40.42	nq	99
52) 3-Nitroaniline	14.71	138	229888	31.18	nq	93
53) 2,4-Dinitrophenol	14.92	184	326591	64.36	nq	99
54) Dibenzofuran	15.20	168	1565117	43.51	nq	99
55) 4-Nitrophenol	15.02	139	490940	79.43	nq	93
56) 2,4-Dinitrotoluene	15.16	165	444488	41.23	nq	98
57) Fluorene	15.85	166	1254685	40.52	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	400512	39.07	nq	94
59) Diethylphthalate	15.60	149	1373553	41.03	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	706704	37.48	nq	98
61) 4-Nitroaniline	15.88	138	315237	39.51	nq	# 83
62) Azobenzene	16.13	77	1568194	48.97	nq	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	272991	37.89	nq	92
65) n-Nitrosodiphenylamine	16.06	169	1193093	42.71	nq	95
66) 4-Bromophenyl-phenylether	16.74	248	463077	36.71	nq	97
67) Hexachlorobenzene	16.86	284	490650	35.77	nq	97
68) Atrazine	17.00	200	491171	39.64	nq	97
69) Pentachlorophenol	17.21	266	597193	67.24	nq	96
70) Phenanthrene	17.60	178	2000377	42.10	nq	96
71) Anthracene	17.70	178	2063608	42.89	nq	98
72) Carbazole	17.97	167	1830683	44.04	nq	98
73) Di-n-butylphthalate	18.51	149	2153900	46.59	nq	99
74) Fluoranthene	19.61	202	2264730	38.84	nq	96
76) Benzidine	19.79	184	1147797	40.48	nq	99
77) Pyrene	19.98	202	2272809	40.90	nq	97
79) Butylbenzylphthalate	20.85	149	1096580	49.81	nq	95
80) Benzo(a)anthracene	21.86	228	2331542	42.14	nq	99
81) 3,3'-Dichlorobenzidine	21.76	252	623208	25.66	nq	# 98
82) Chrysene	21.93	228	2176310	41.93	nq	96
83) Bis(2-ethylhexyl)phthalate	21.73	149	1491092	48.78	nq	# 97
84) Di-n-octyl phthalate	23.01	149	2435250	47.77	nq	99
85) Indeno(1,2,3-cd)pyrene	29.15	276	2435693	36.80	nq	# 100
87) Benzo(b)fluoranthene	24.19	252	2394092	43.80	nq	# 96
88) Benzo(k)fluoranthene	24.26	252	2256073	43.50	nq	# 95
89) Benzo(a)pyrene	25.11	252	2321690	44.31	nq	# 98
90) Dibenzo(a,h)anthracene	29.22	278	2054625	39.51	nq	# 93
91) Benzo(g,h,i)perylene	30.38	276	1879400	36.09	nq	# 93

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

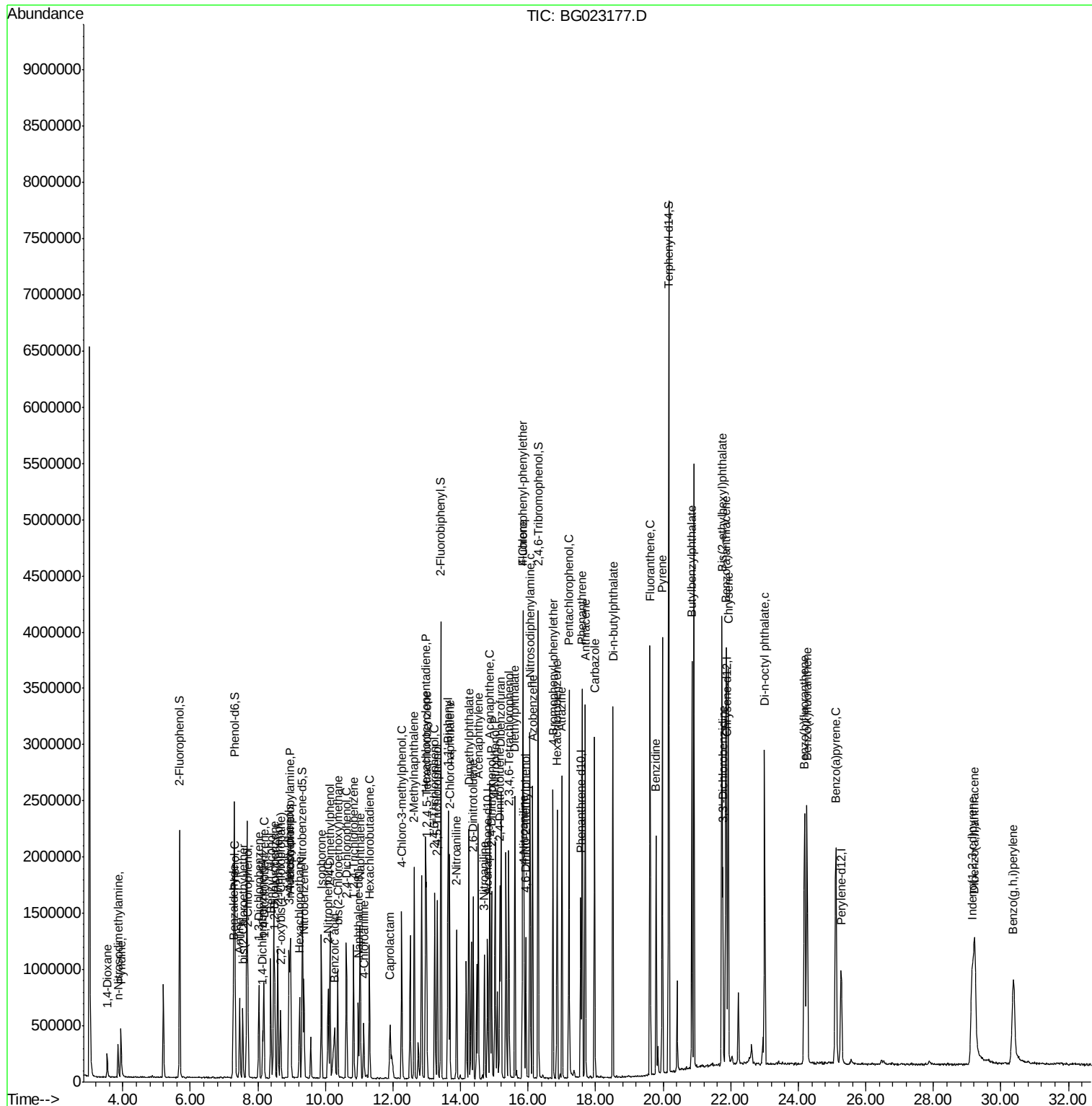
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
Data File : BG023177.D
Acq On : 19 Jul 2016 15:27
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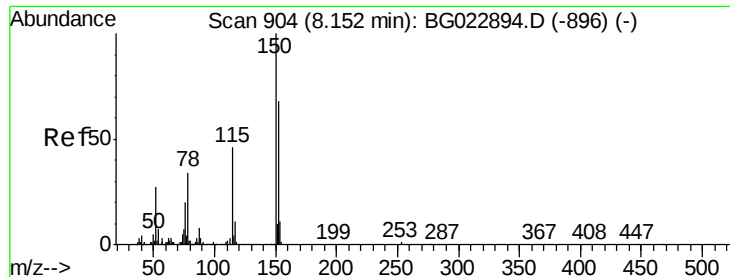
Instrument :
BNA_G
ClientSampleId :
PB92224BSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampled :

PB92224BSD

Tot Ion:152 Resp: 108957

Ion Ratio Lower Upper

152 100

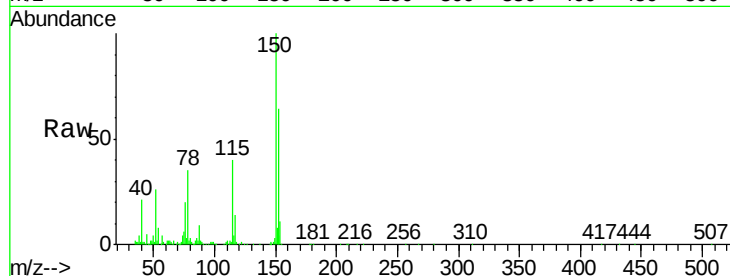
150 155.3 144.7 217.1

115 62.6 64.0 96.0#

Manual Integrations

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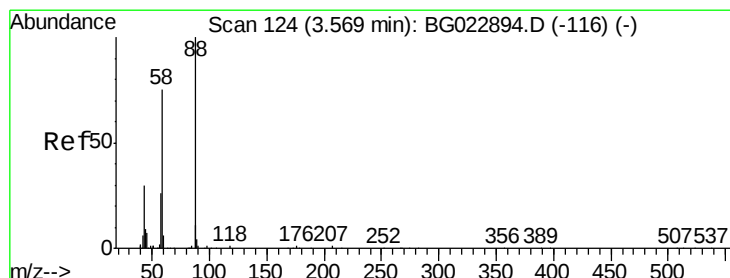
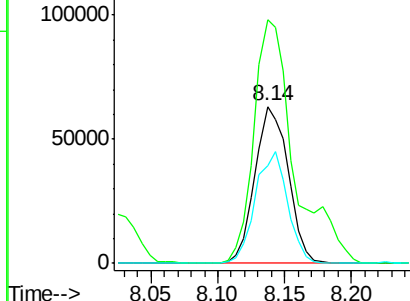
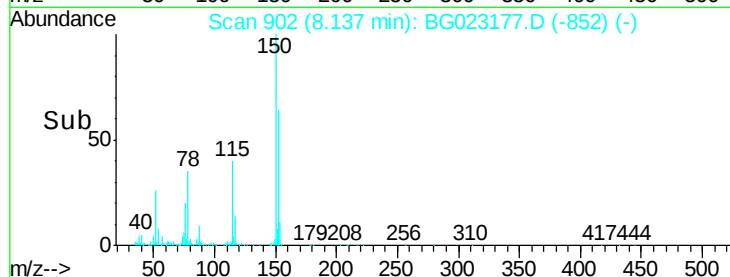
7/20/2016 7:46:02 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.48 ng

RT: 3.54 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

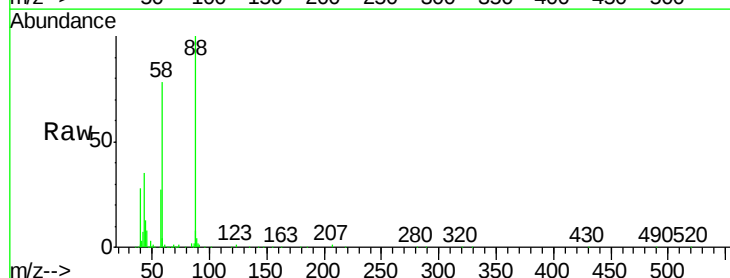
Tgt Ion: 88 Resp: 112588

Ion Ratio Lower Upper

88 100

58 79.5 60.4 90.6

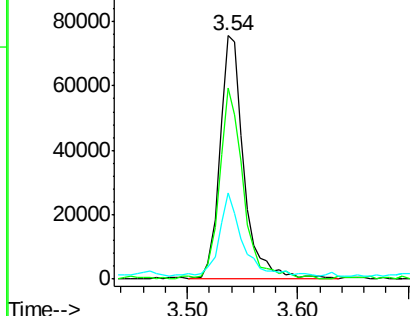
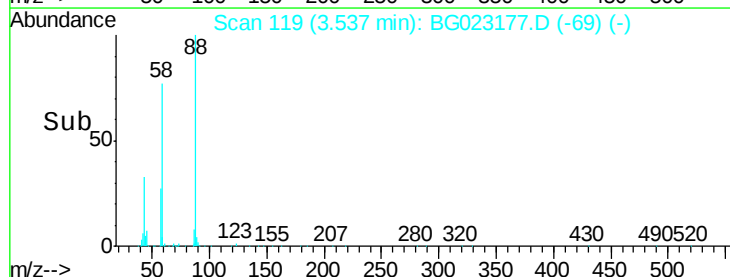
43 33.2 31.1 46.7

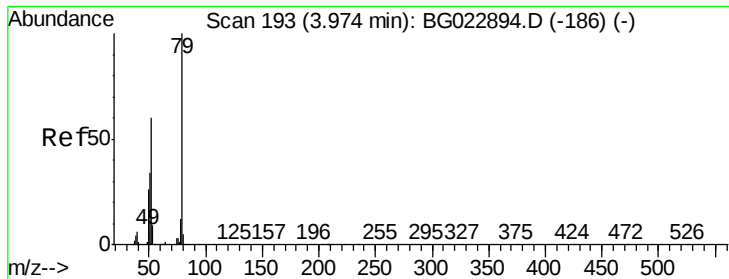


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.11 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

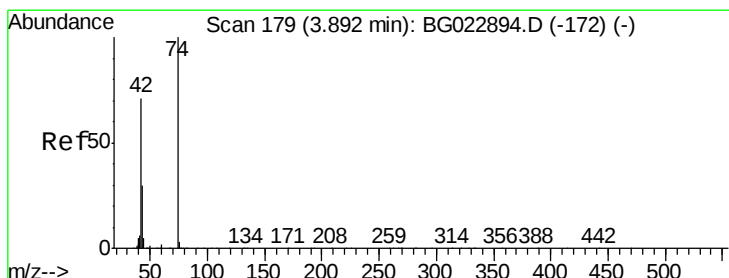
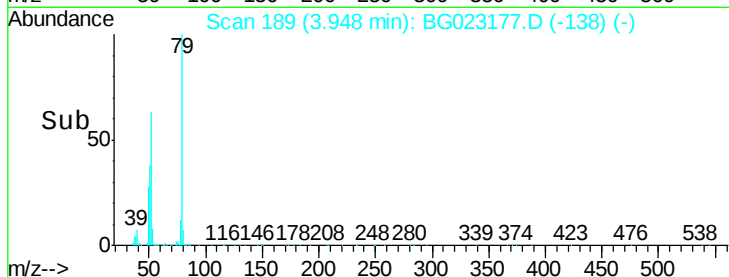
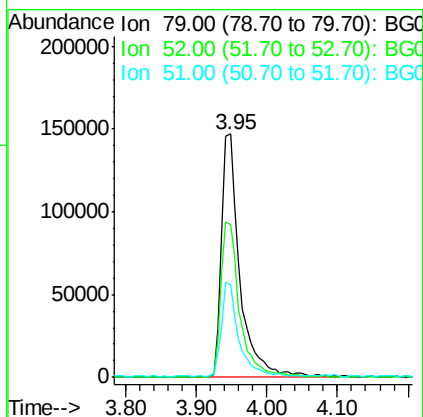
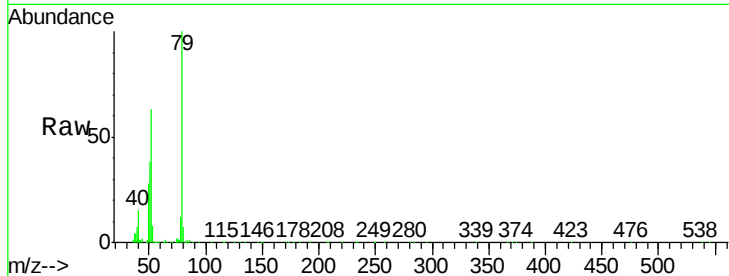
PB92224BSD

Tot Ion:	79	Resp:	266816
Ion	Ratio	Lower	Upper
79	100		
52	62.8	51.8	77.8
51	38.3	32.7	49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.51 ng

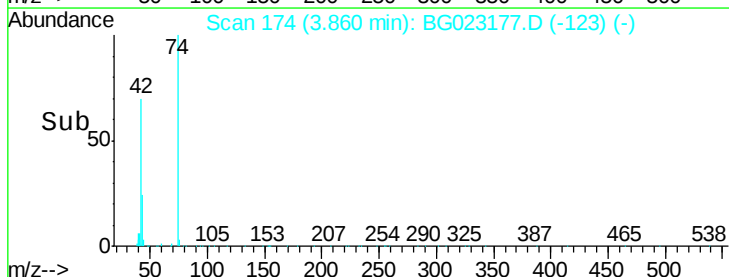
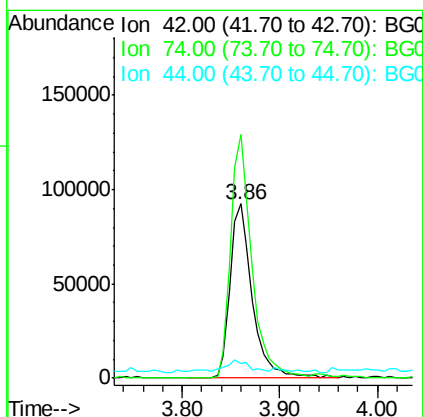
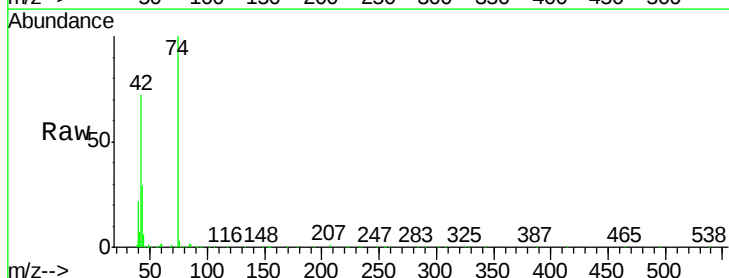
RT: 3.86 min Scan# 174

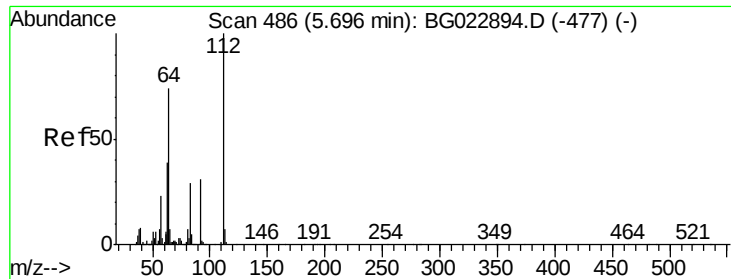
Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tgt Ion:	42	Resp:	146386
Ion	Ratio	Lower	Upper
42	100		
74	139.9	100.6	150.8
44	8.7	4.5	6.7#





#5

2-Fluorophenol

Concen: 128.95 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

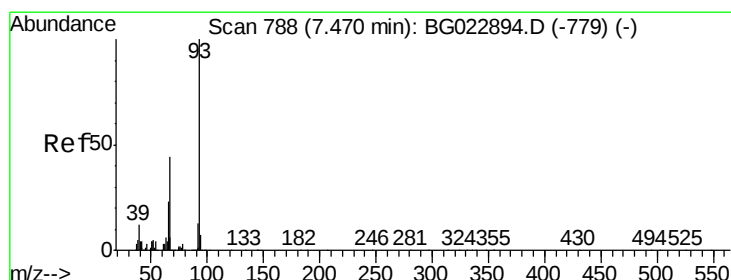
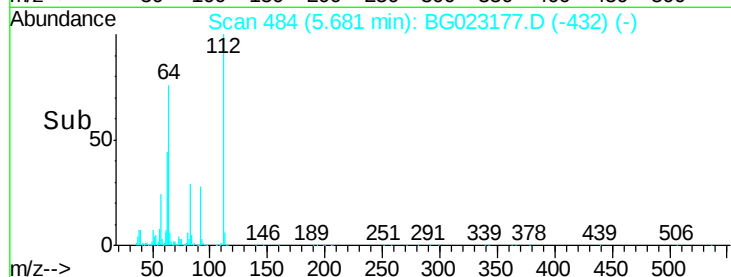
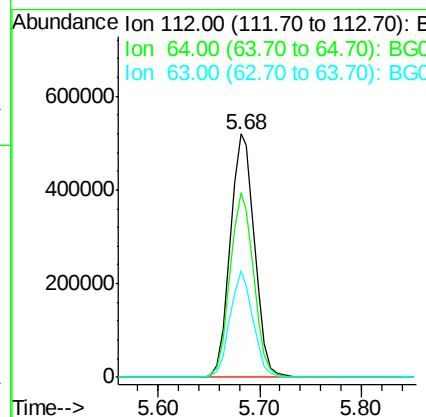
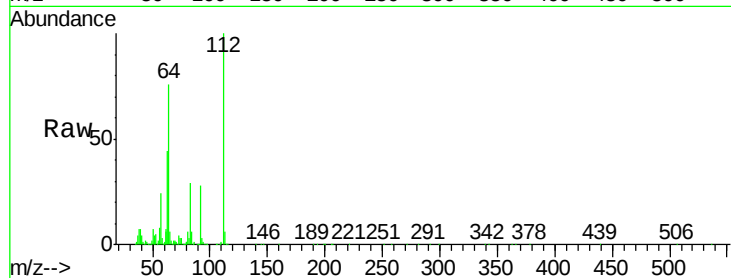
PB92224BSD

Tot Ion:	112	Resp:	859062
Ion Ratio	Lower	Upper	
112	100		
64	76.0	59.0	88.4
63	43.6	37.8	56.8

Manual Integrations

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#6

Aniline

Concen: 32.65 ng

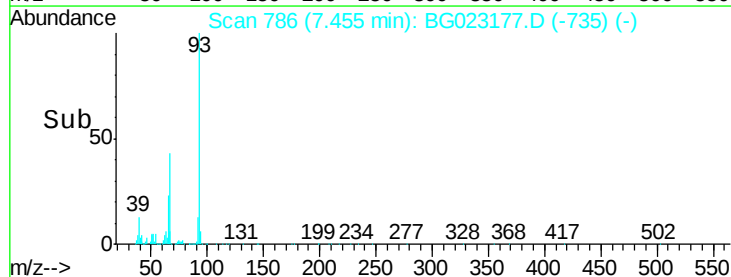
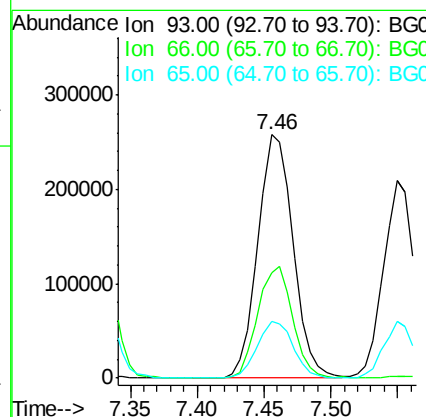
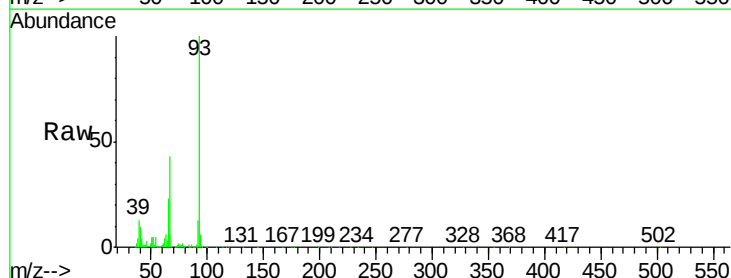
RT: 7.46 min Scan# 786

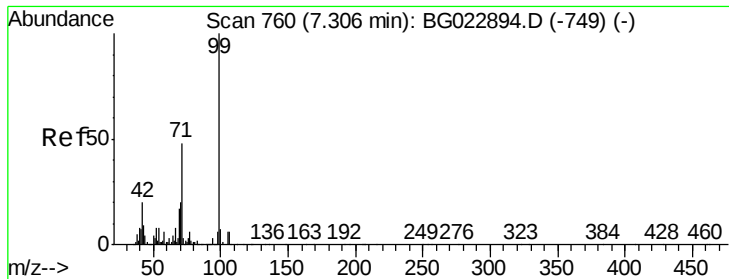
Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tgt Ion:	93	Resp:	472193
Ion Ratio	Lower	Upper	
93	100		
66	43.3	37.5	56.3
65	23.2	17.9	26.9





#7

Phenol-d6

Concen: 129.53 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

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ClientSampleId :

PB92224BSD

Tot Ion: 99 Resp: 1351545

Ion Ratio Lower Upper

99 100

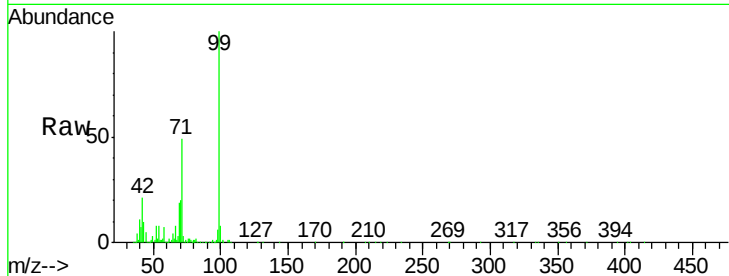
42 21.5 17.8 26.6

71 49.0 41.5 62.3

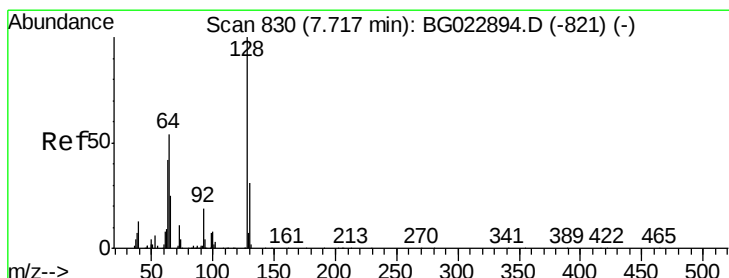
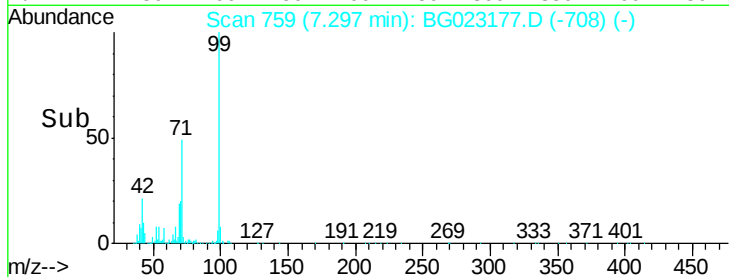
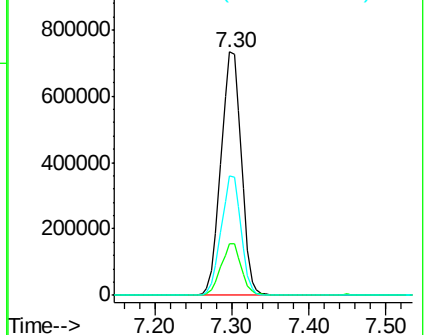
Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.32 ng

RT: 7.70 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

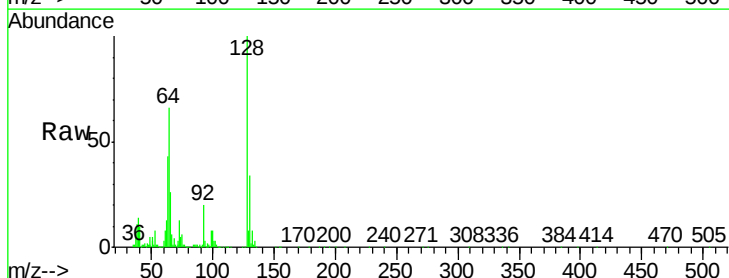
Tgt Ion:128 Resp: 328373

Ion Ratio Lower Upper

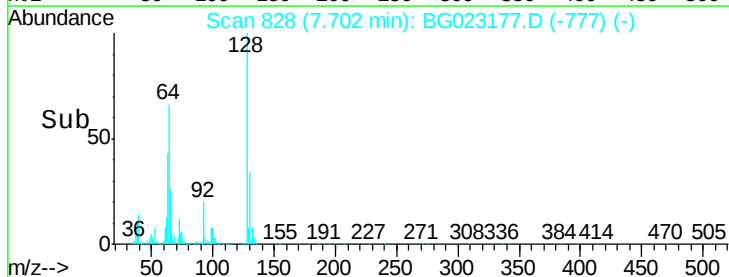
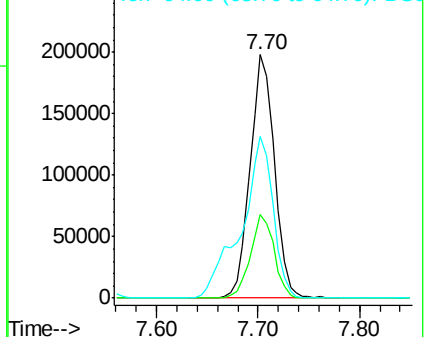
128 100

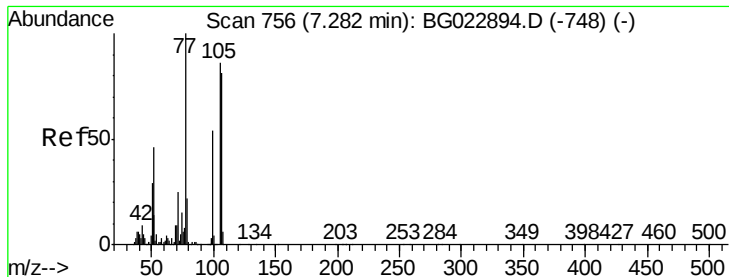
130 34.3 12.9 52.9

64 66.2 42.0 82.0



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





#9

Benzaldehyde

Concen: 36.96 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

PB92224BSD

Tot Ion: 77 Resp: 257684

Ion Ratio Lower Upper

77 100

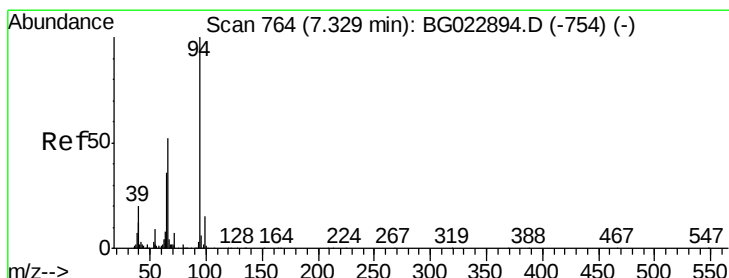
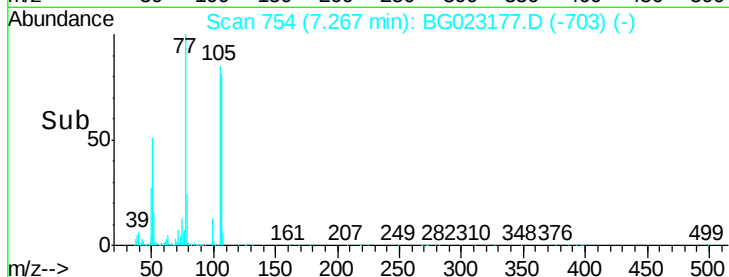
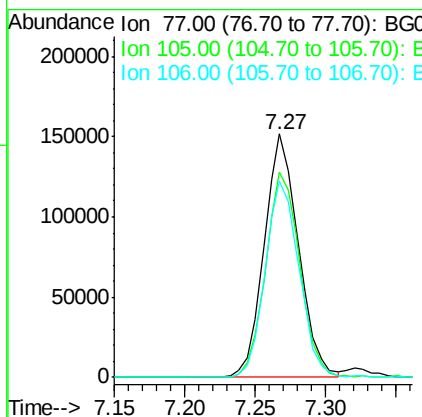
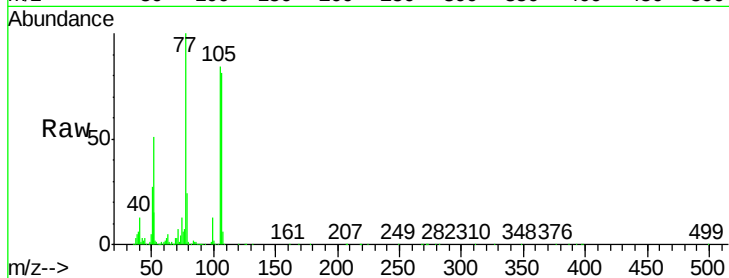
105 84.5 58.7 98.7

106 80.7 67.5 107.5

Manual Integrations

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#10

Phenol

Concen: 46.93 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

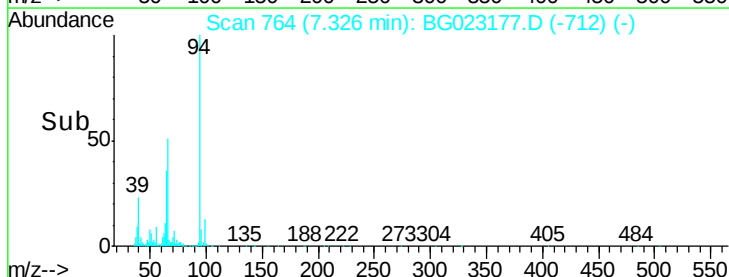
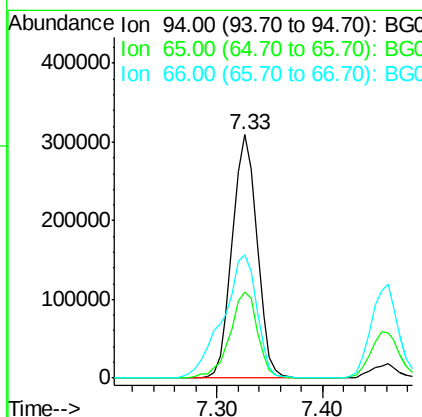
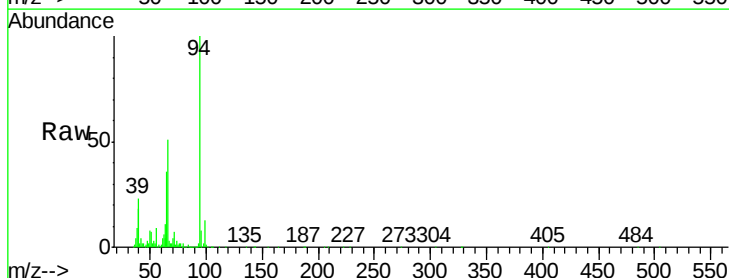
Tgt Ion: 94 Resp: 503847

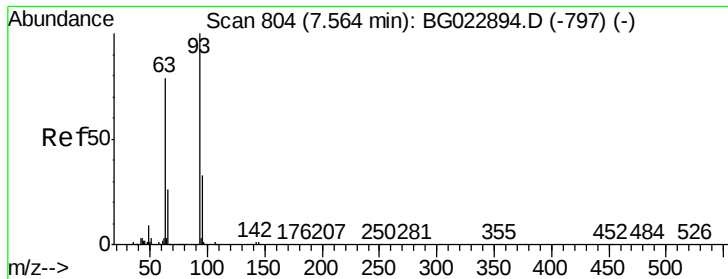
Ion Ratio Lower Upper

94 100

65 35.6 18.1 58.1

66 50.8 42.1 82.1





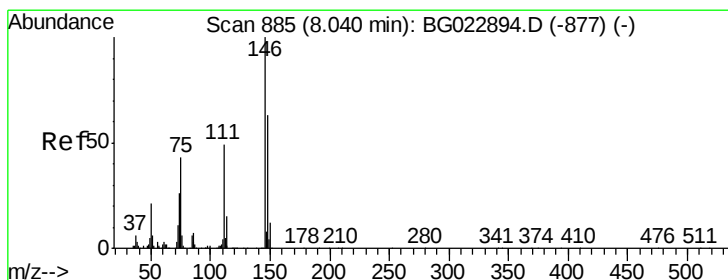
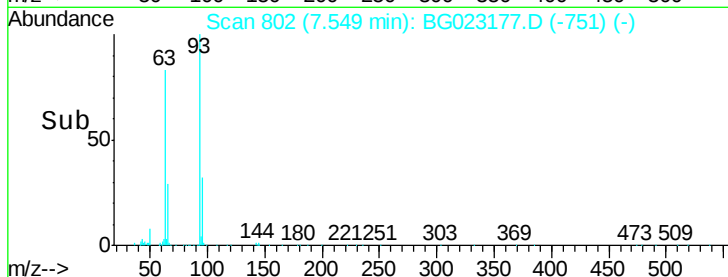
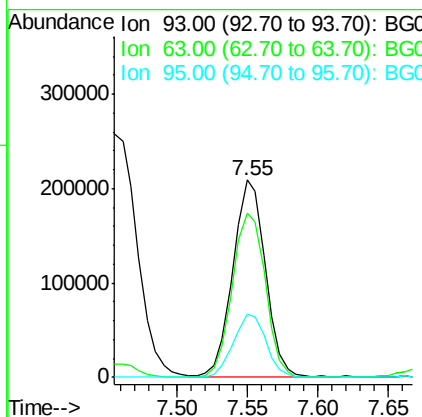
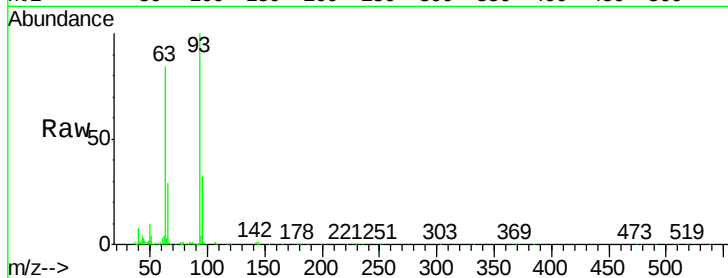
#11
bis(2-Chloroethyl)ether
Concen: 39.21 ng
RT: 7.55 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.6	55.0	95.0
95	32.3	11.0	51.0

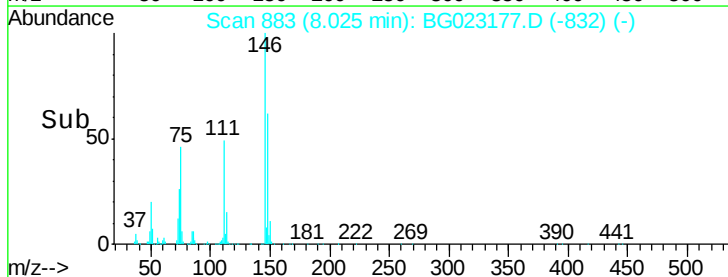
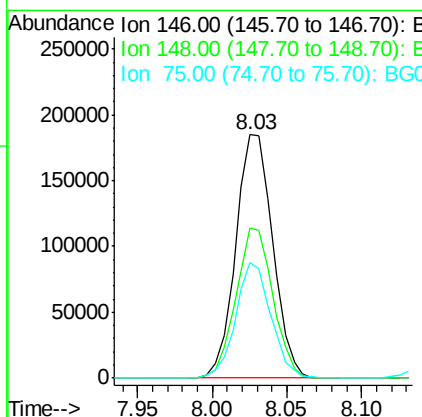
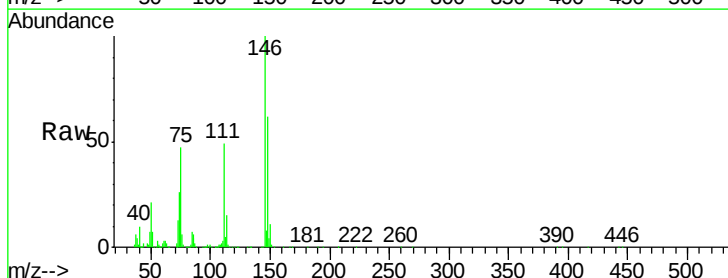
Manual Integrations

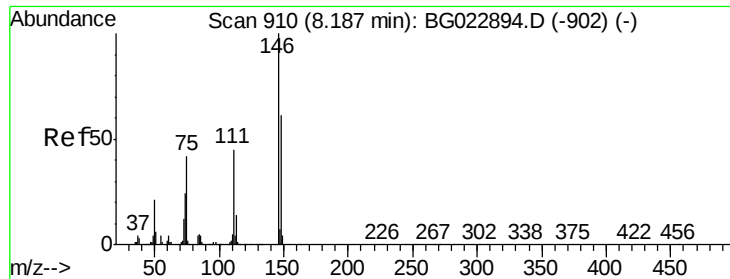
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#12
1,3-Dichlorobenzene
Concen: 36.59 ng
RT: 8.03 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.3	75.5
75	47.4	37.0	55.6





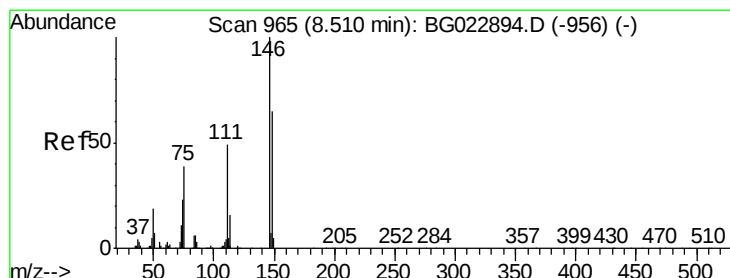
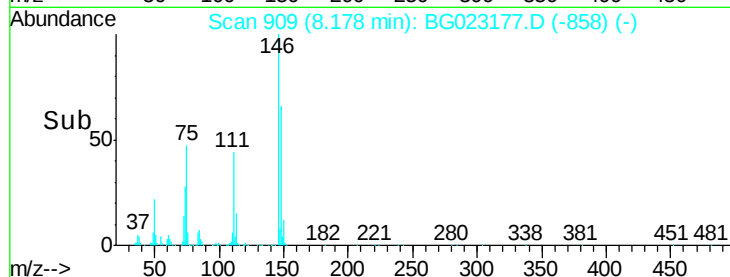
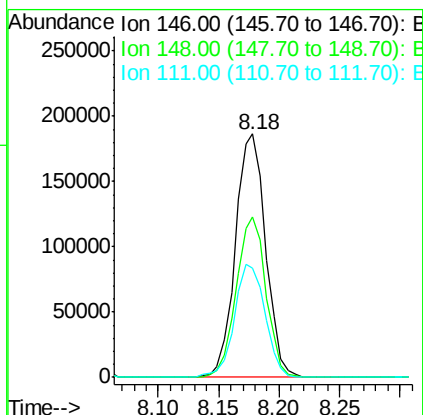
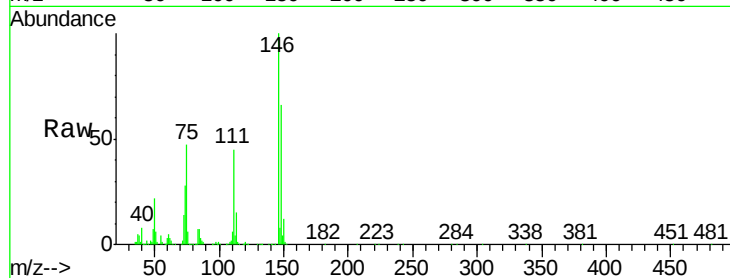
#13
 1,4-Dichlorobenzene
 Concen: 37.38 ng
 RT: 8.18 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	54.5	81.7
111	44.6	37.8	56.8

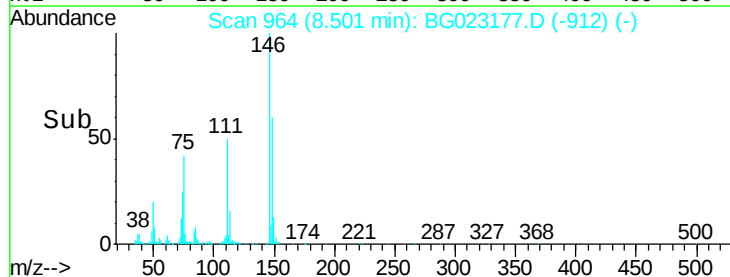
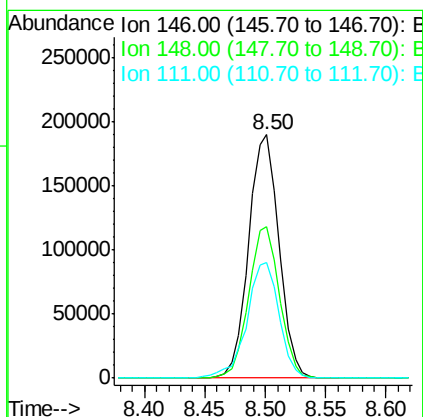
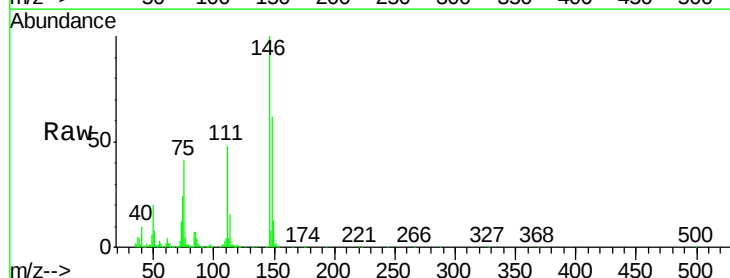
Manual Integrations

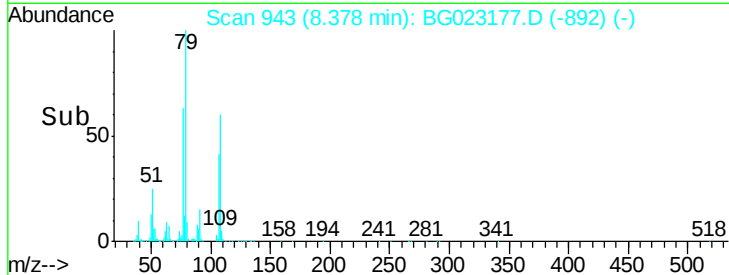
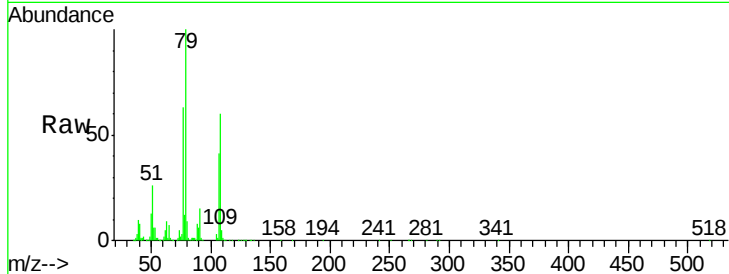
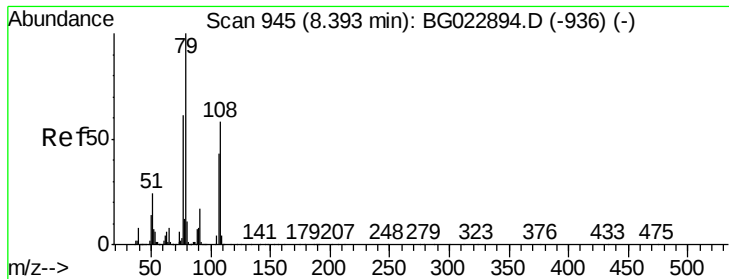
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#14
 1,2-Dichlorobenzene
 Concen: 38.51 ng
 RT: 8.50 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.9	79.3
111	47.7	43.5	65.3





#15

Benzyl Alcohol

Concen: 45.37 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tot Ion:	79	Resp:	433635
Ion	Ratio	Lower	Upper
79	100		
108	59.6	46.5	69.7
77	62.6	52.3	78.5

Instrument :

BNA_G

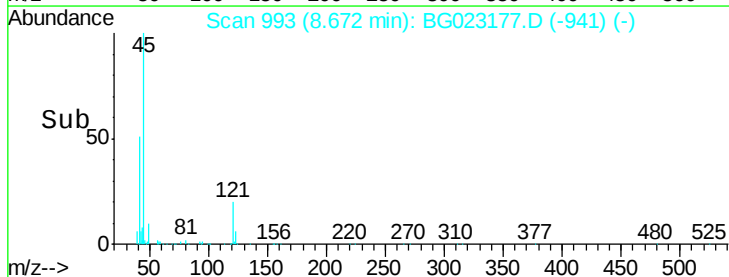
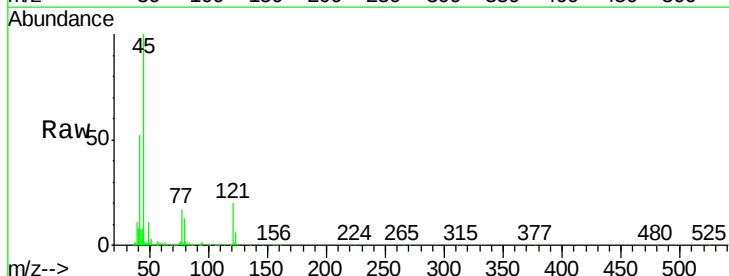
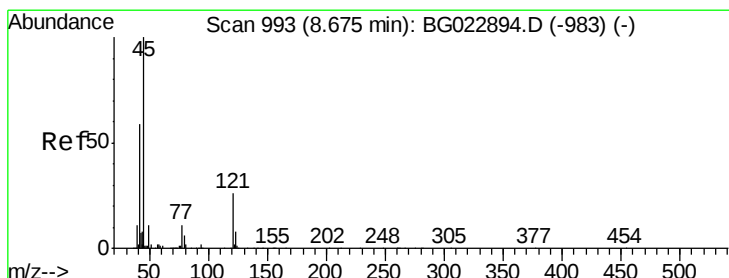
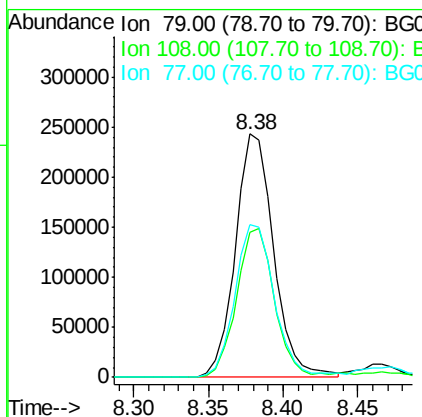
ClientSampleId :

PB92224BSD

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.91 ng

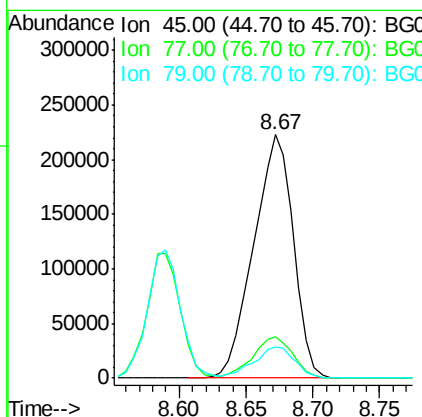
RT: 8.67 min Scan# 993

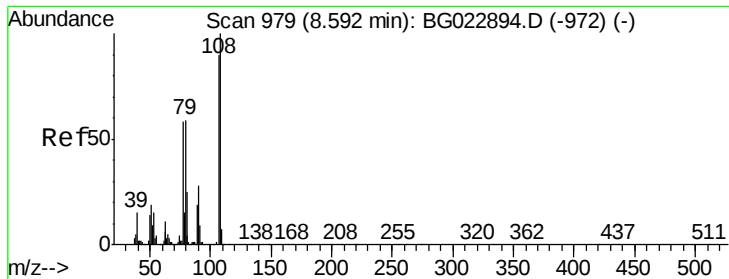
Delta R.T. 0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tgt Ion:	45	Resp:	456457
Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.6	40.6
79	12.7	0.0	36.2





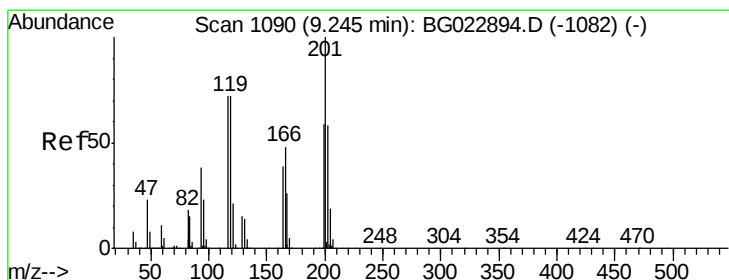
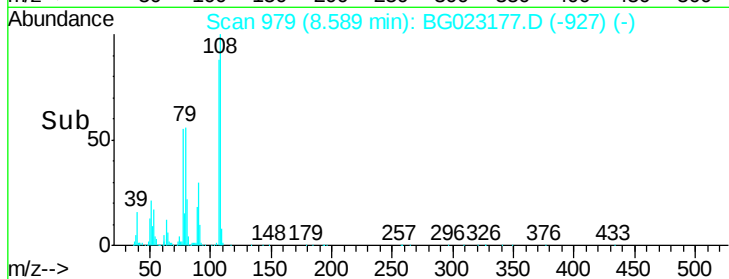
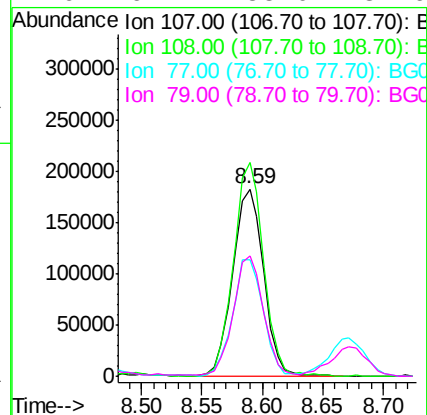
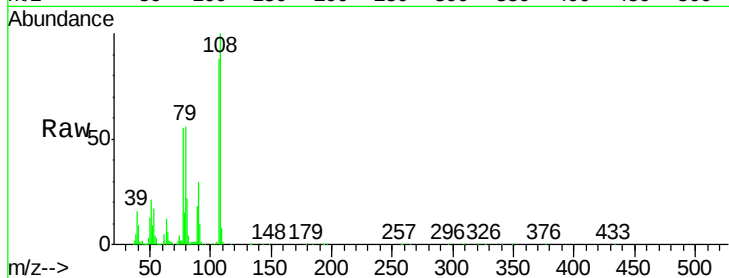
#17
2-Methylphenol
Concen: 46.49 ng
RT: 8.59 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	114.3	92.0	138.0	
77	77	62.5	55.8	83.6	
79	79	64.1	55.0	82.6	

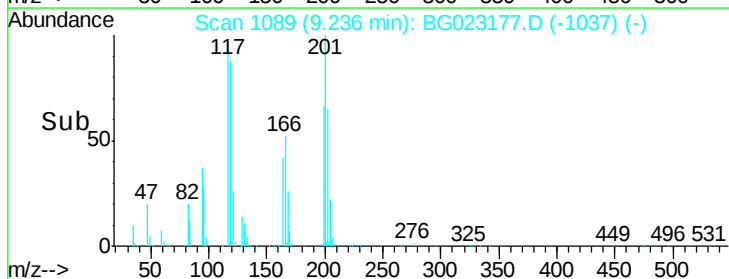
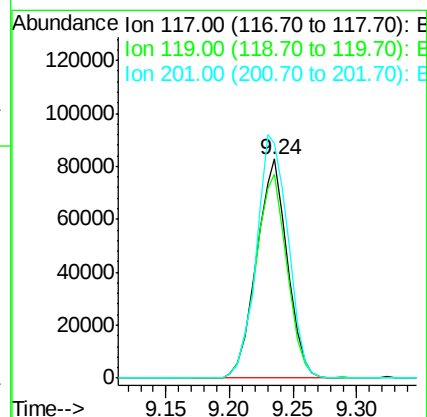
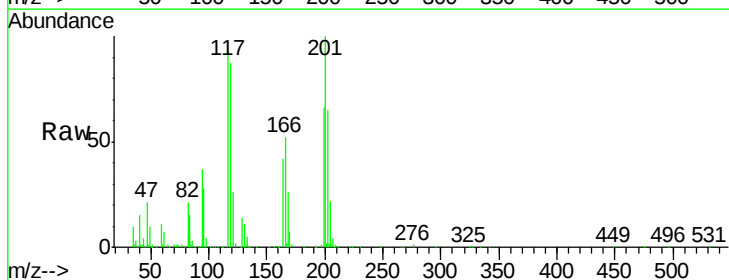
Manual Integrations

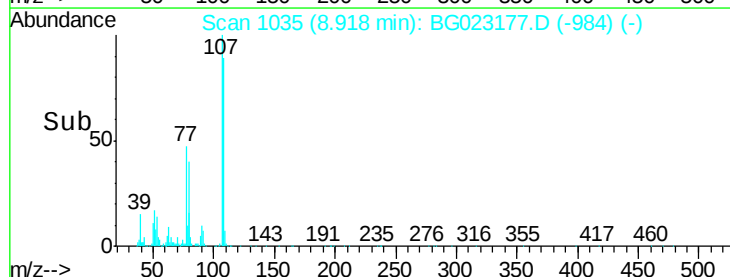
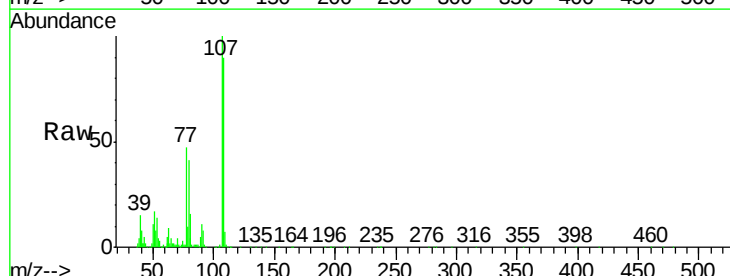
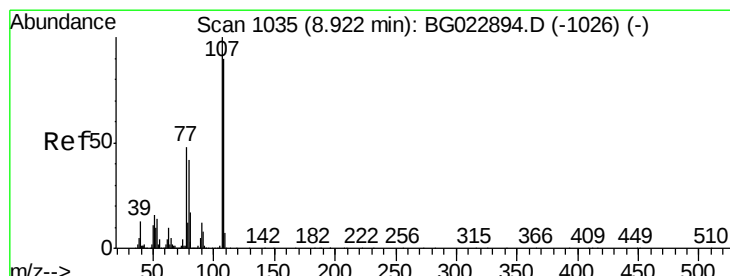
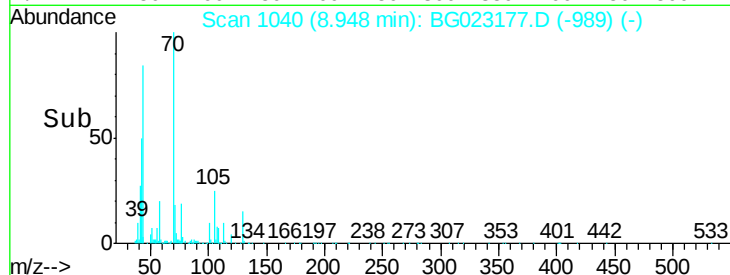
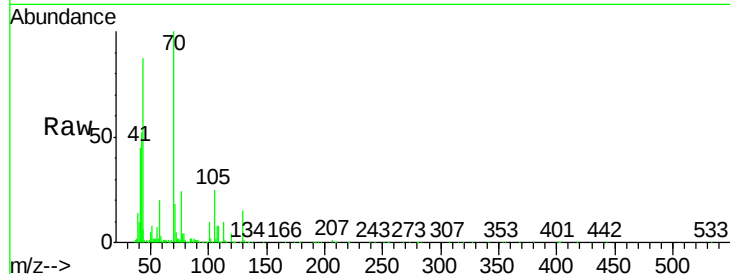
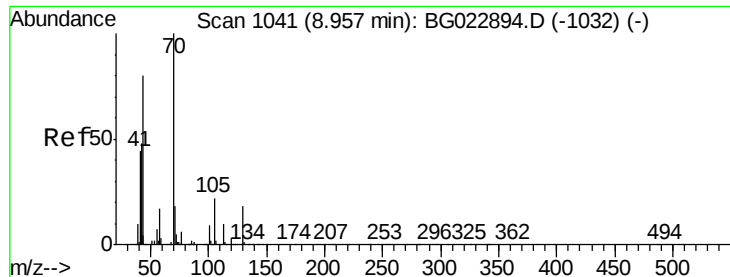
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#18
Hexachloroethane
Concen: 38.19 ng
RT: 9.24 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

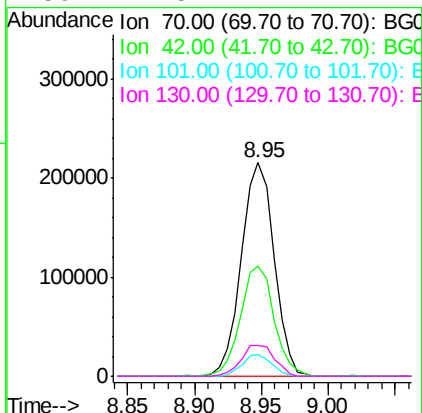
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	92.9	73.7	110.5	
201	201	107.4	88.7	133.1	





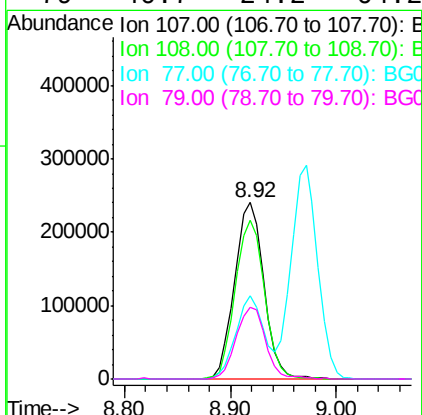
#19
n-Nitroso-di-n-propylamine
Concen: 38.79 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.6	42.1	63.1	
101	10.0	7.2	10.8	
130	14.5	14.2	21.2	



#20
3+4-Methylphenols
Concen: 47.24 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

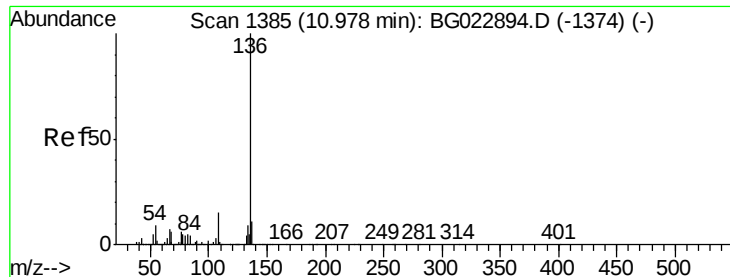
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	72.5	112.5	
77	47.0	30.1	70.1	
79	40.7	24.2	64.2	



Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Manual Integrations

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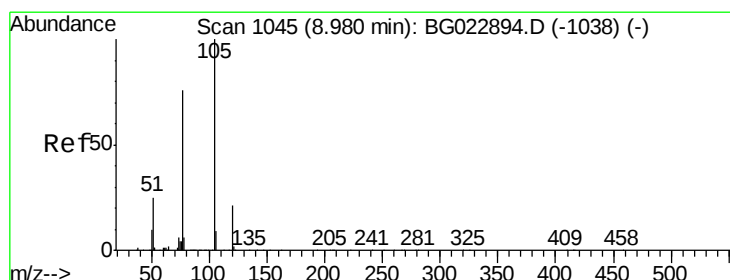
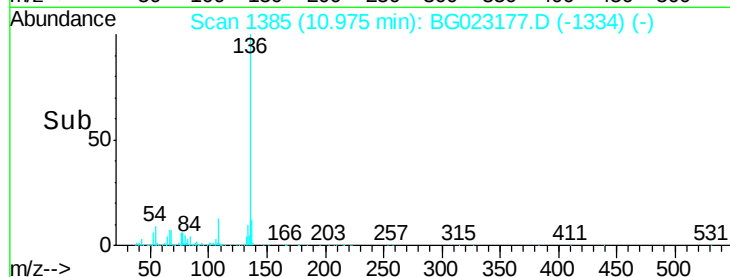
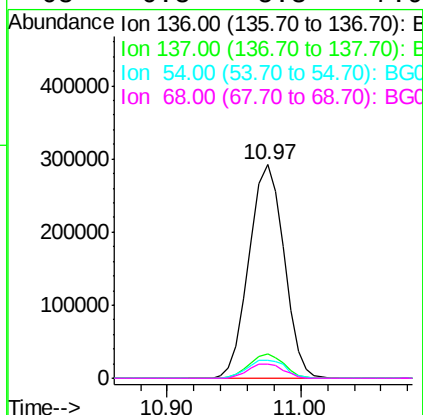
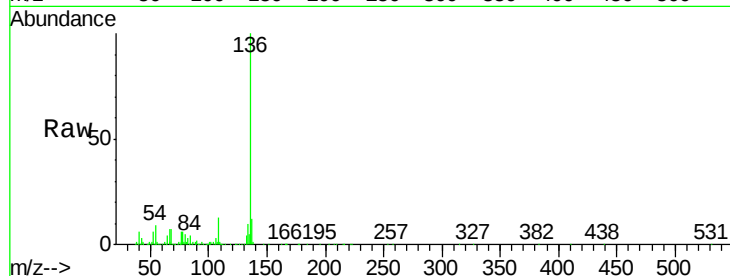
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		530434		
137	11.6	9.6	14.4		
54	8.6	7.3	10.9		
68	6.8	5.3	7.9		

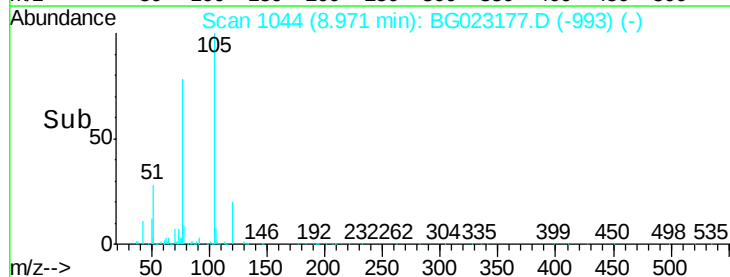
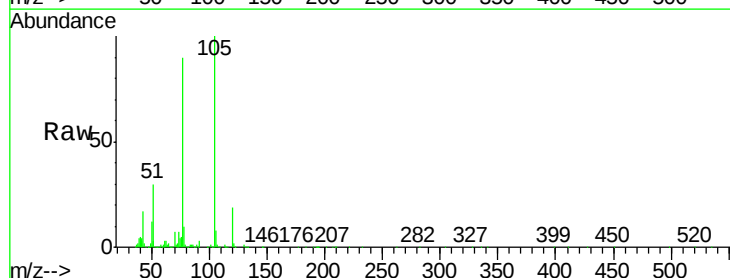
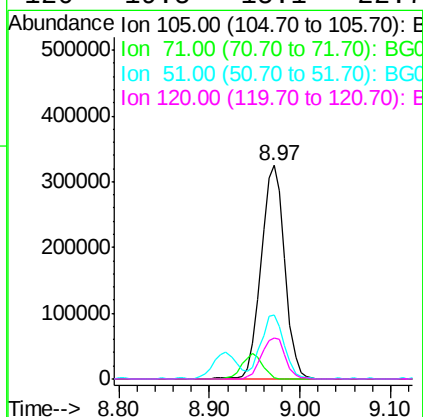
Manual Integrations

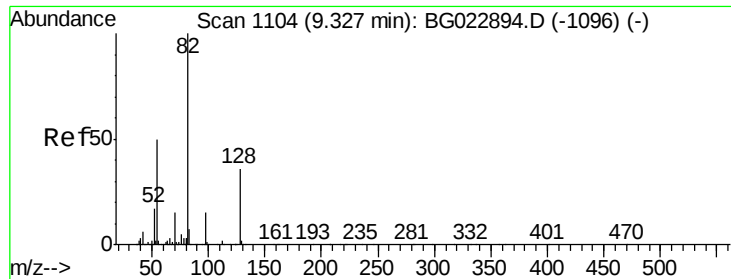
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#22
Acetophenone
Concen: 36.92 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		587736		
71	0.9	2.6	3.8#		
51	29.8	27.1	40.7		
120	19.5	15.1	22.7		





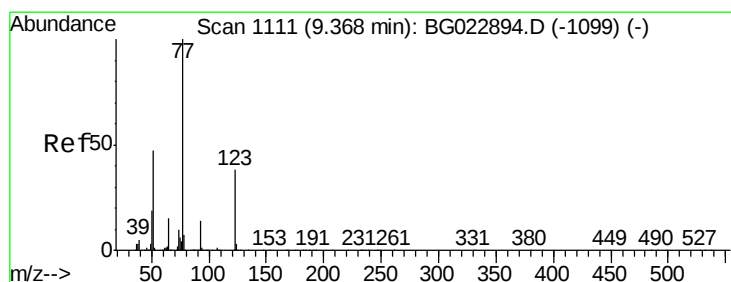
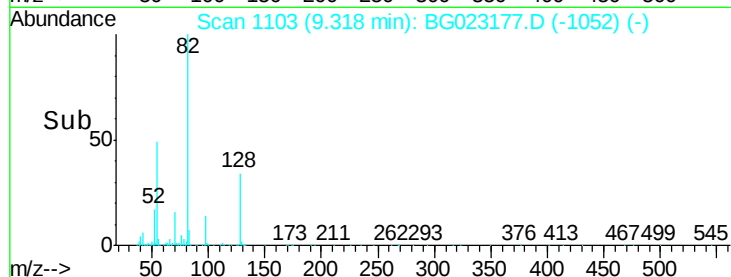
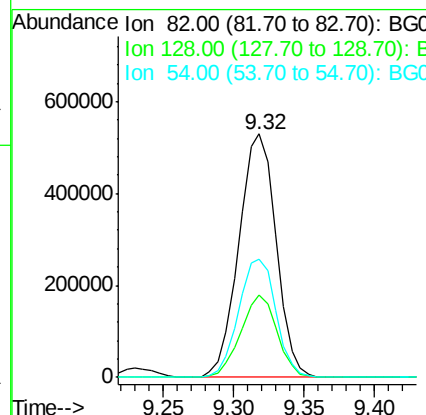
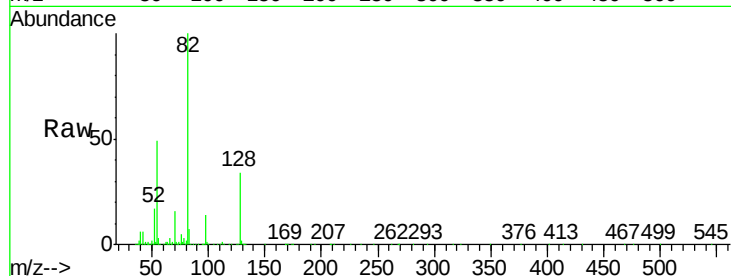
#23
Nitrobenzene-d5
Concen: 78.85 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	82	Resp	976751
Ion Ratio	Lower	Upper	
82	100		
128	33.7	24.4	36.6
54	48.6	41.4	62.0

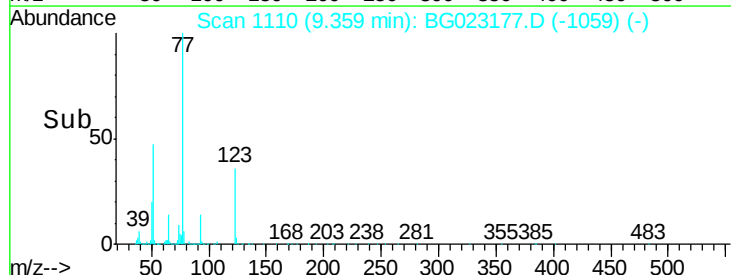
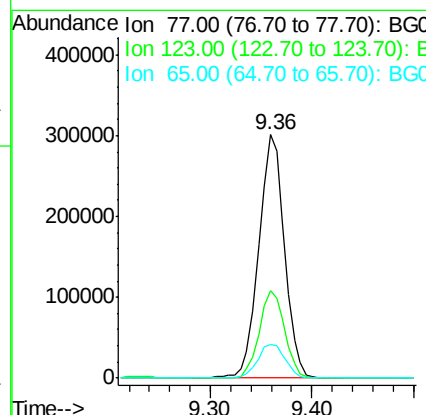
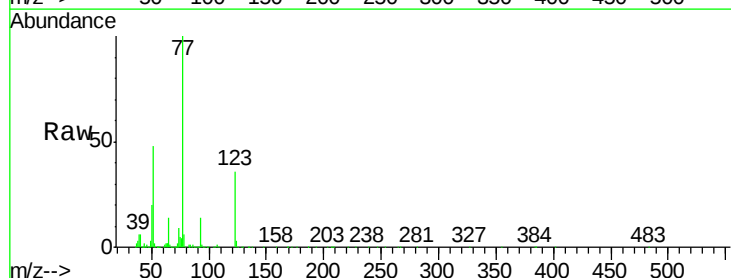
Manual Integrations

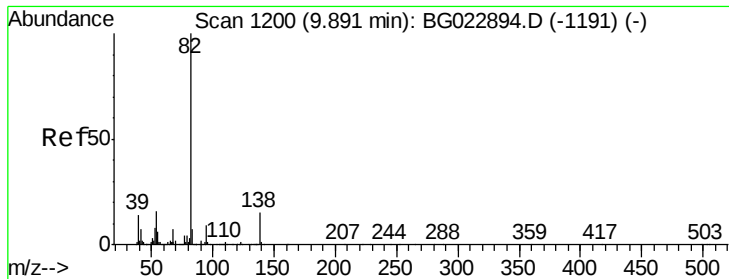
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#24
Nitrobenzene
Concen: 40.17 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	77	Resp	528740
Ion Ratio	Lower	Upper	
77	100		
123	35.7	25.0	37.6
65	13.8	13.4	20.0





#25

Isophorone

Concen: 38.23 ng

RT: 9.88 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

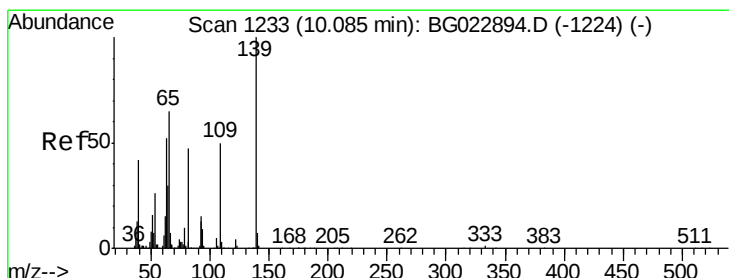
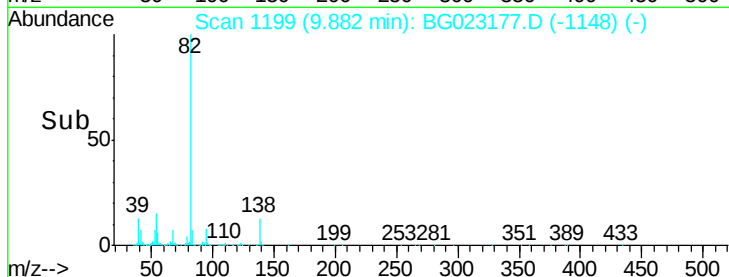
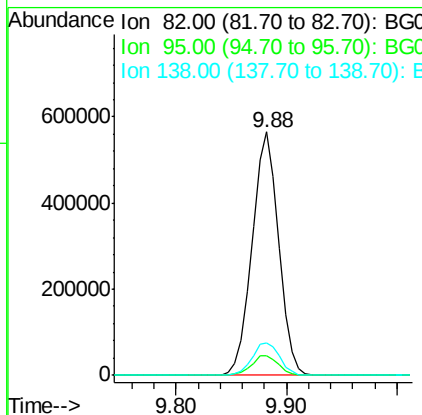
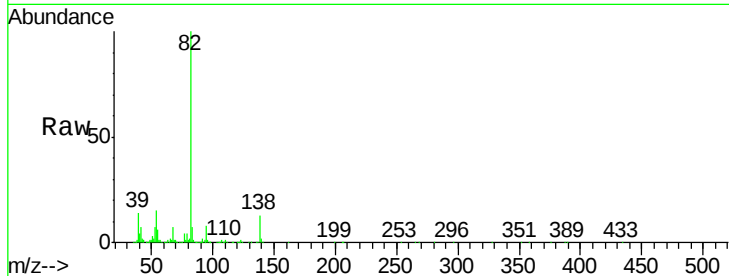
PB92224BSD

Tot Ion:	82	Resp:	952630
Ion Ratio	Lower	Upper	
82	100		
95	8.3	8.2	12.2
138	13.1	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.55 ng

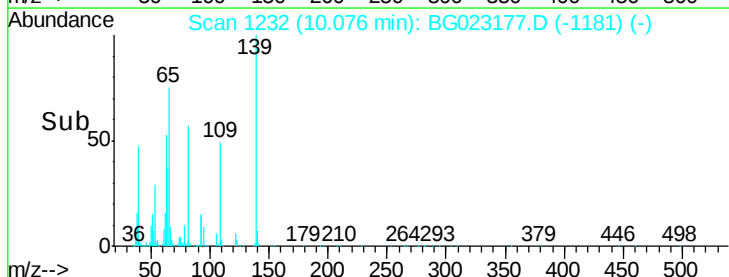
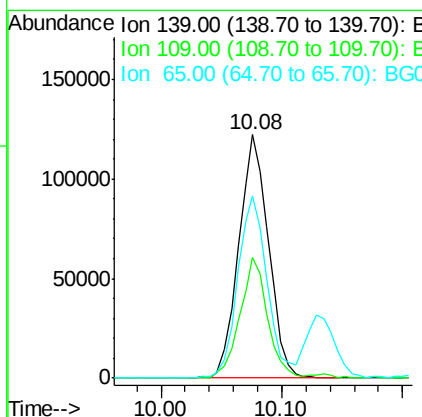
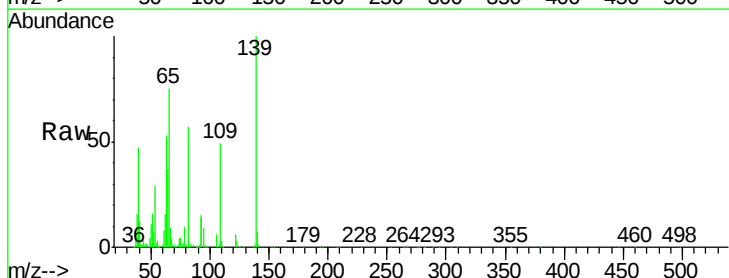
RT: 10.08 min Scan# 1232

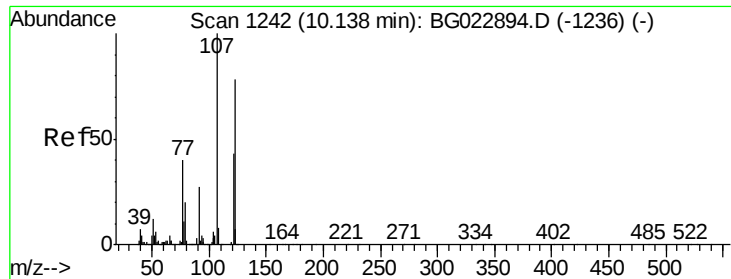
Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tgt Ion:	139	Resp:	209449
Ion Ratio	Lower	Upper	
139	100		
109	49.4	43.5	65.3
65	74.8	64.3	96.5





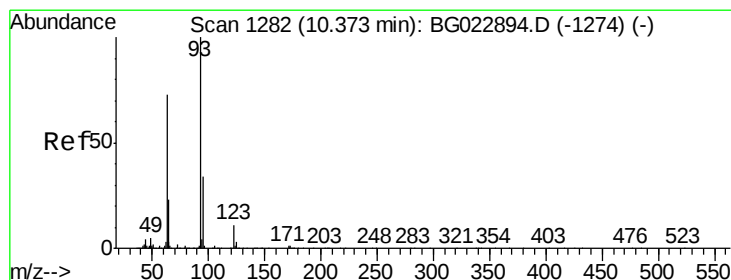
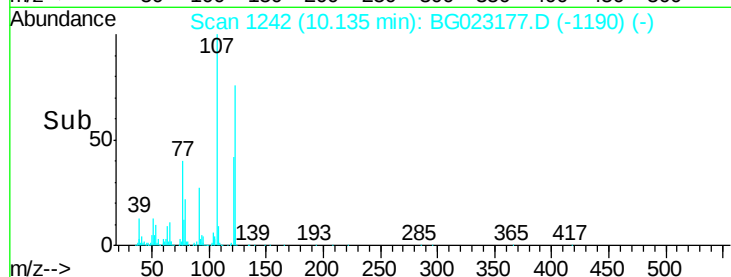
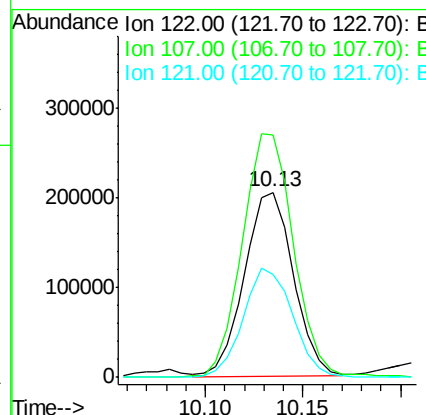
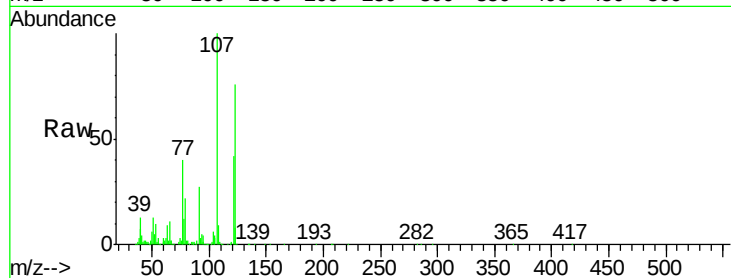
#27
2,4-Dimethylphenol
Concen: 40.16 ng
RT: 10.13 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.8	117.0	175.4
121	55.4	50.1	75.1

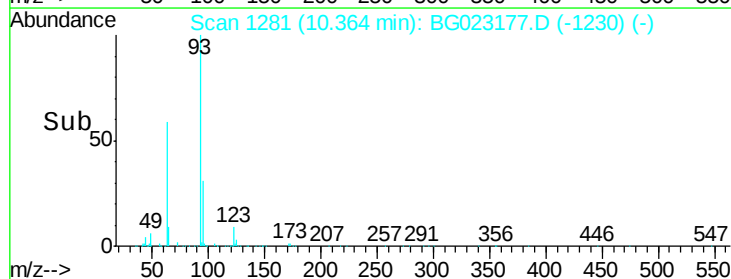
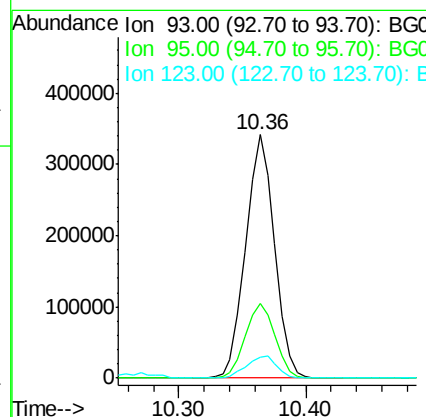
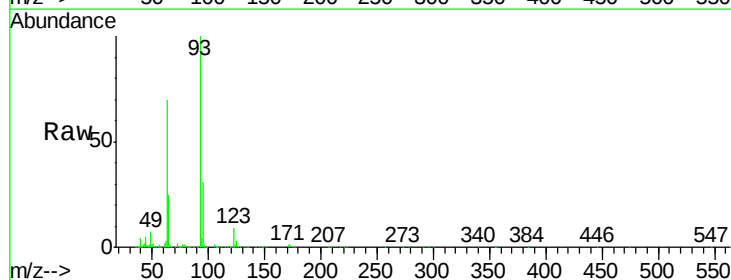
Manual Integrations

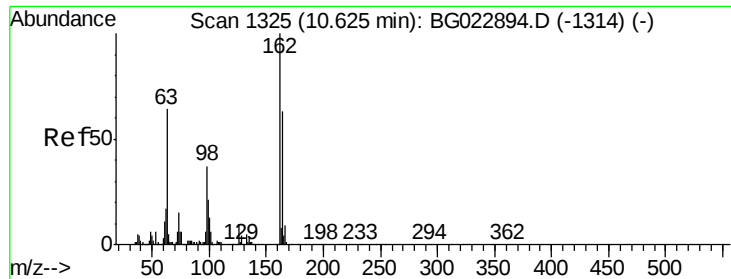
sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.77 ng
RT: 10.36 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.4	38.2
123	8.8	8.2	12.2





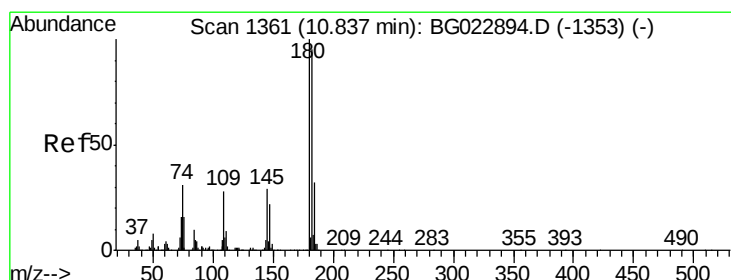
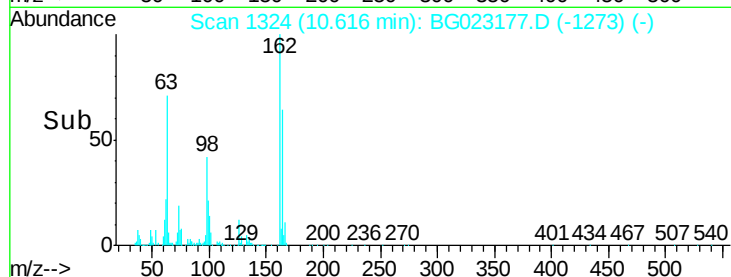
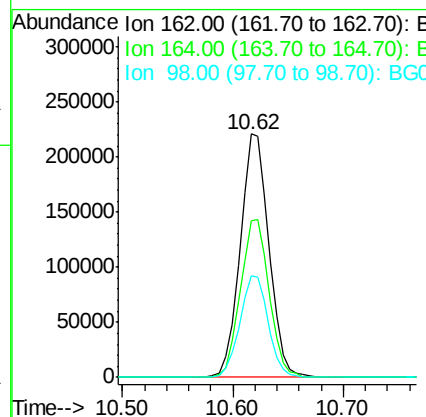
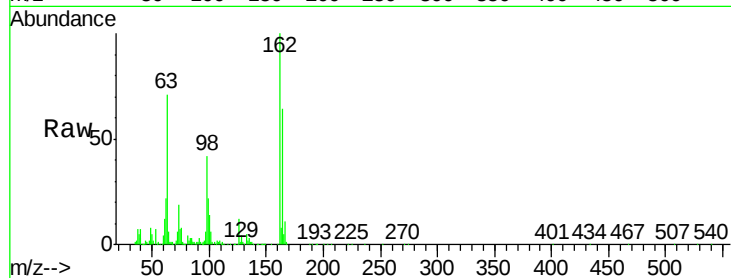
#29
 2,4-Dichlorophenol
 Concen: 42.35 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.3	84.3
98	41.9	19.5	59.5

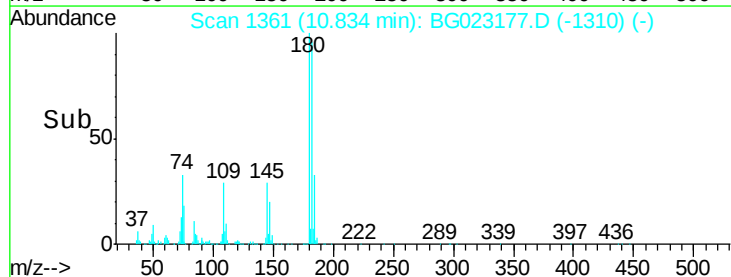
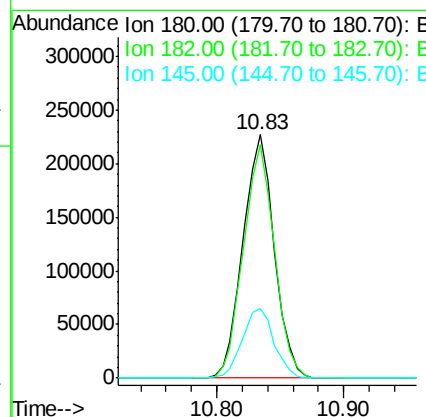
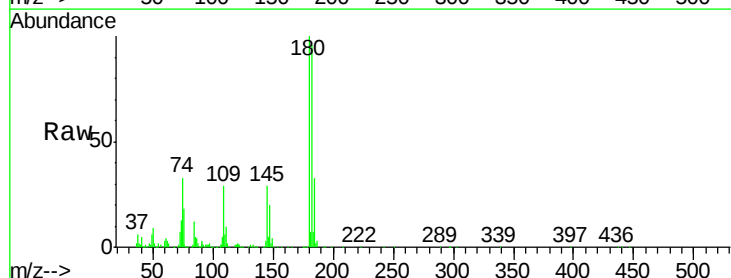
Manual Integrations

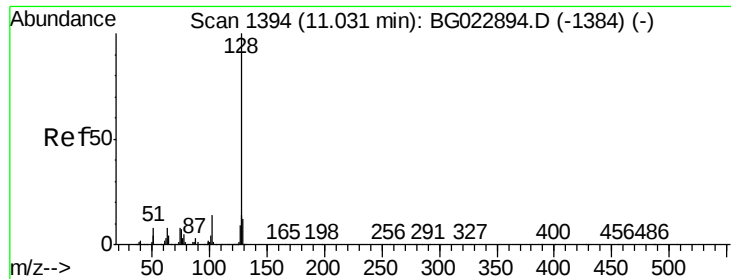
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.55 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	73.8	110.8
145	28.8	24.4	36.6





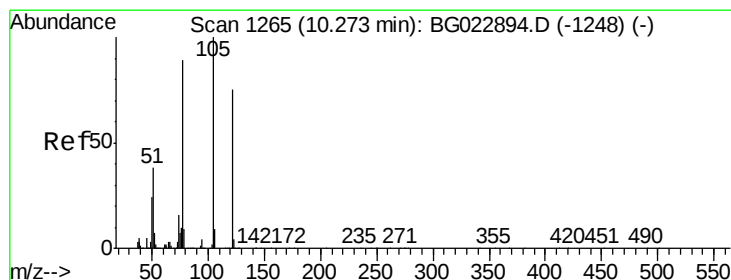
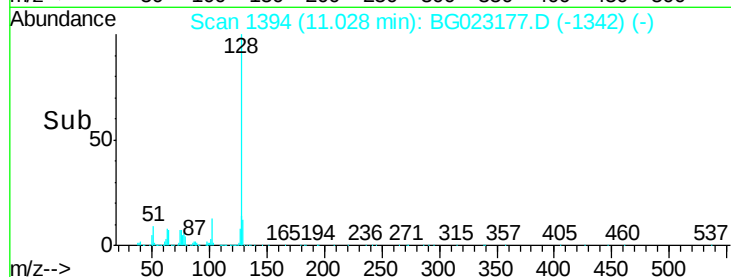
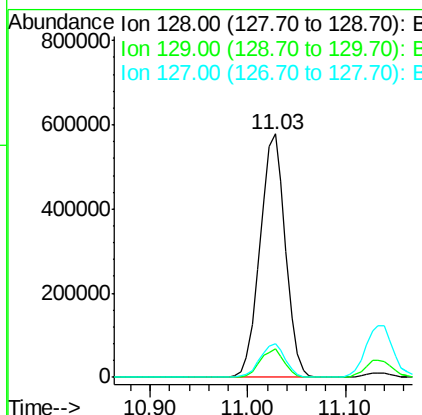
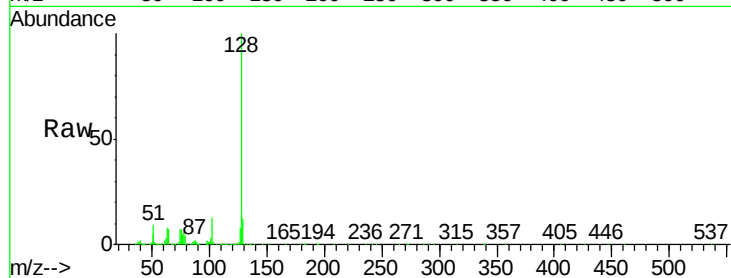
#31
Naphthalene
Concen: 38.97 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.9	11.3	16.9

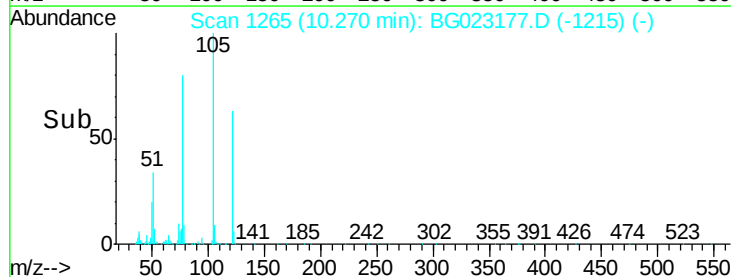
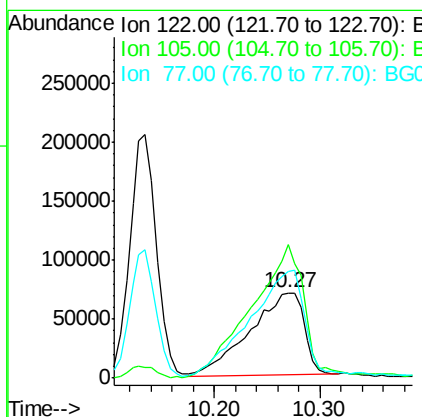
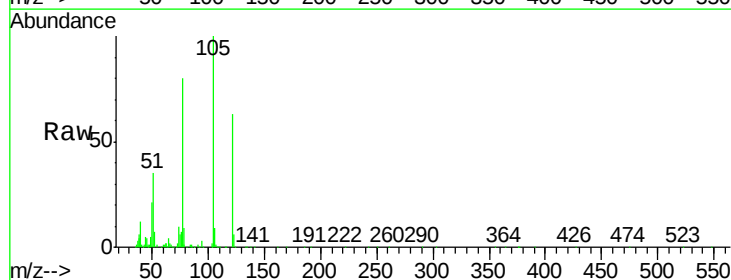
Manual Integrations

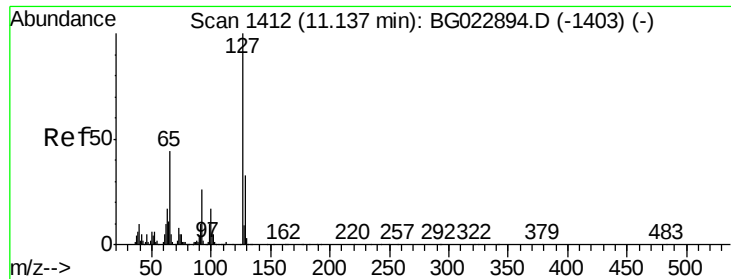
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#32
Benzoic acid
Concen: 30.86 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	157.6	117.2	157.2#
77	125.7	109.2	149.2





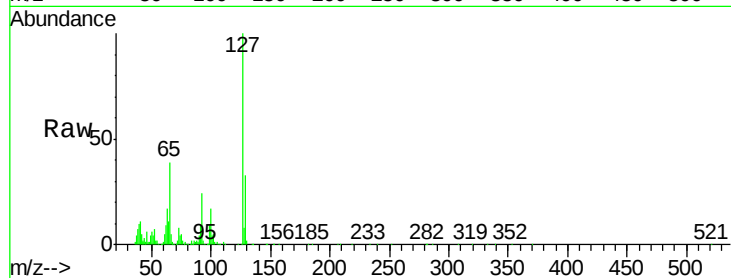
#33
4-Chloroaniline
Concen: 18.60 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

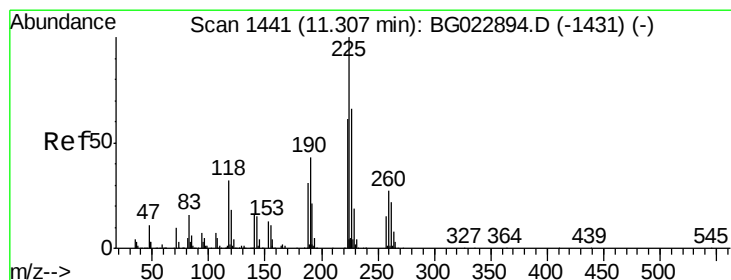
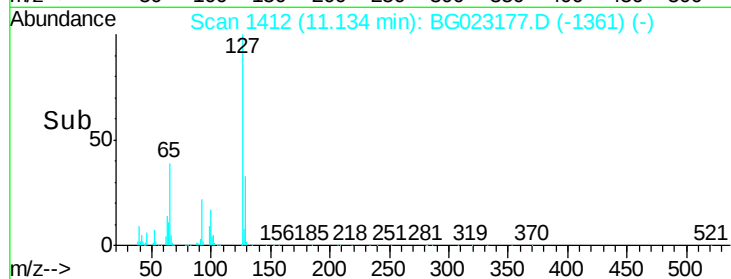
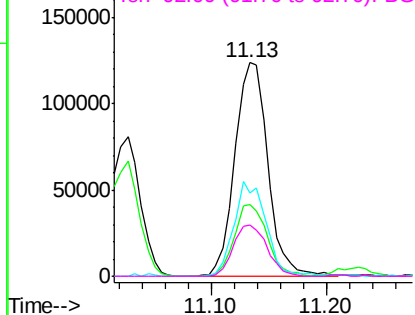
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		245615		
129	33.4	27.9	41.9		
65	39.1	36.8	55.2		
92	23.7	21.0	31.6		

Manual Integrations

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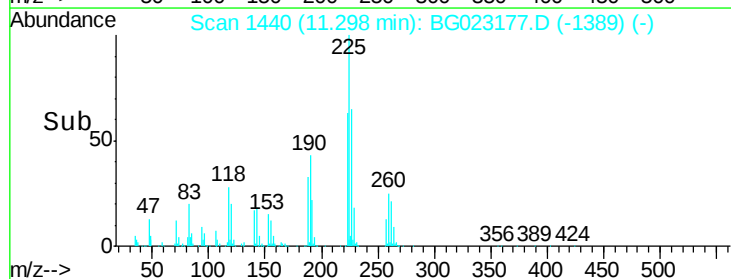
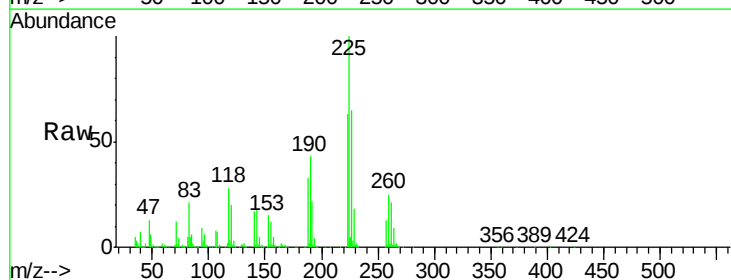
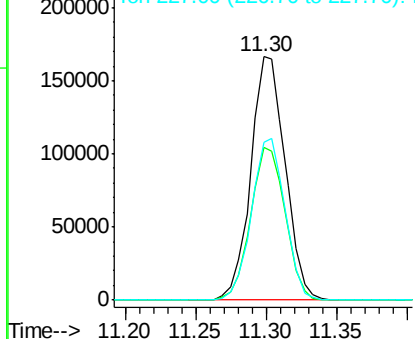
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

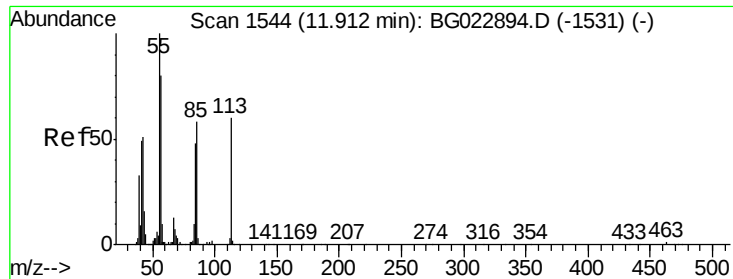


#34
Hexachlorobutadiene
Concen: 32.22 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		285019		
223	62.7	49.6	74.4		
227	67.8	54.5	81.7		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.37 ng/ml

RT: 11.91 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleID :

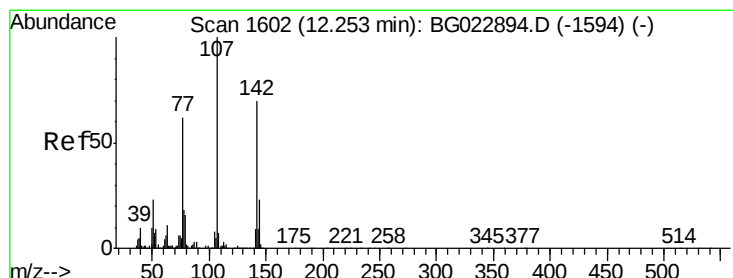
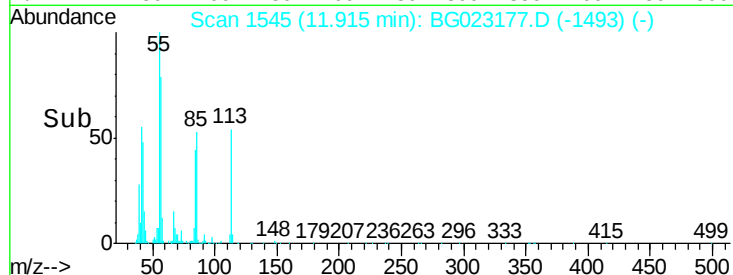
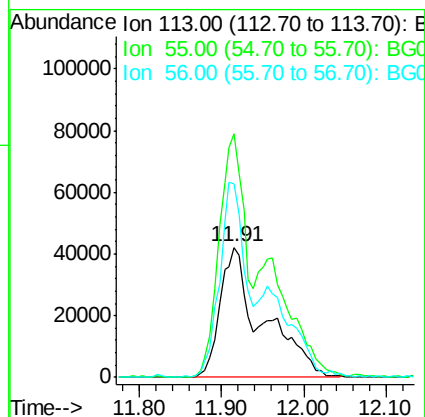
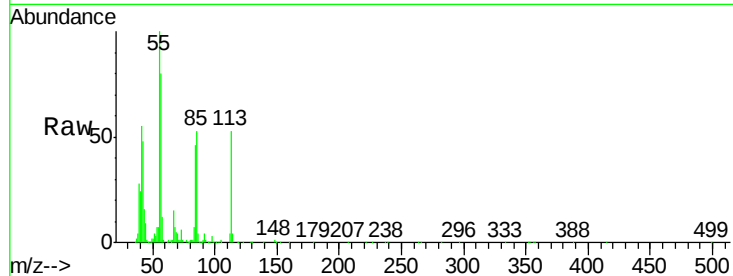
PB92224BSD

Tot Ion:	113	Resp:	150328
Ion	Ratio	Lower	Upper
113	100		
55	186.9	154.5	194.5
56	148.8	125.1	165.1

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 40.49 ng/ml

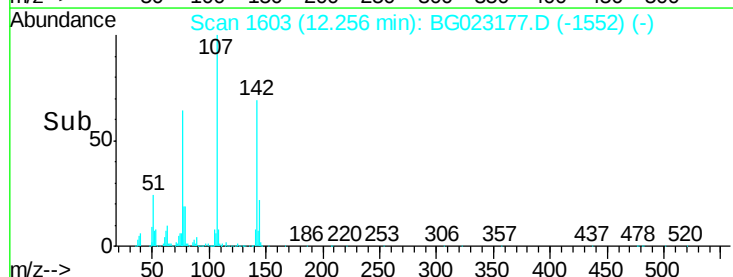
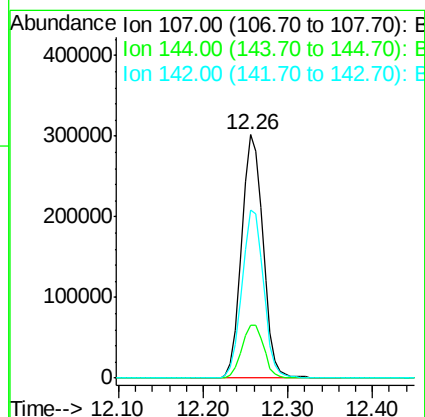
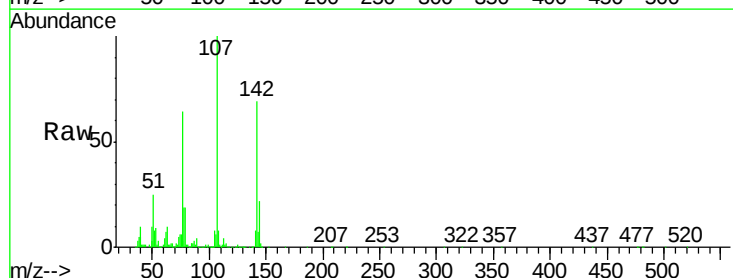
RT: 12.26 min Scan# 1603

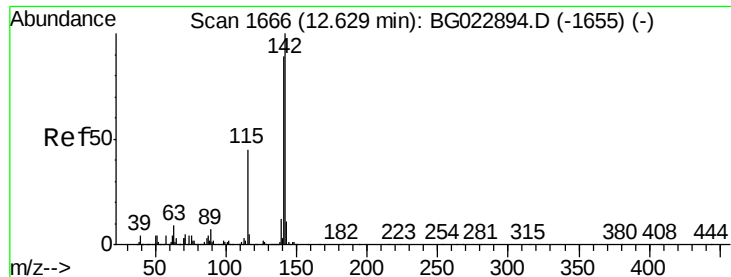
Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tgt Ion:	107	Resp:	527290
Ion	Ratio	Lower	Upper
107	100		
144	21.9	17.0	25.6
142	68.9	53.0	79.6





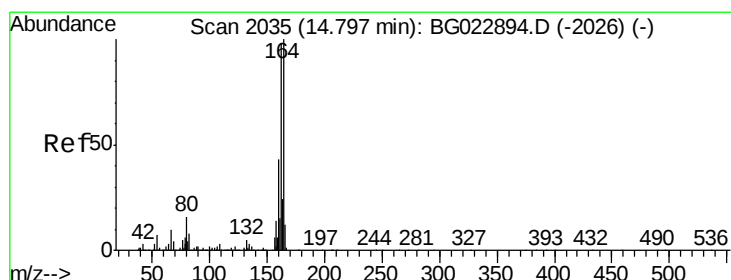
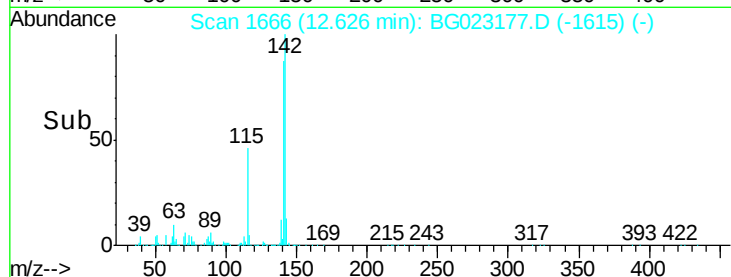
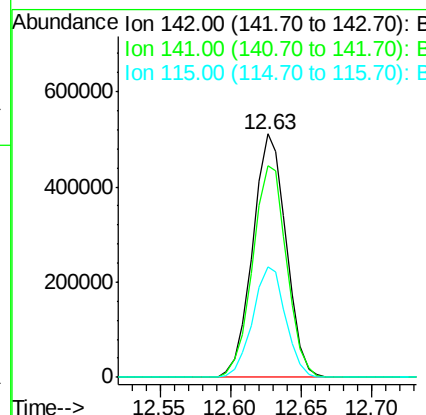
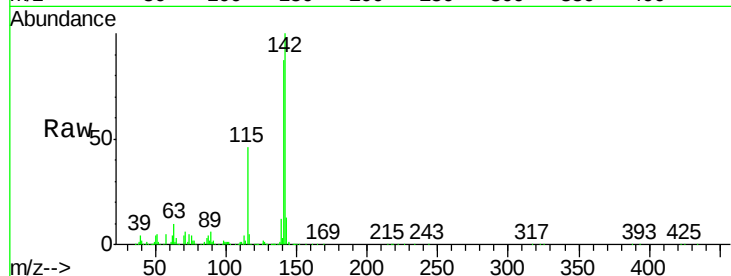
#37
2-Methylnaphthalene
Concen: 39.89 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.2	105.2
115	45.5	41.7	62.5

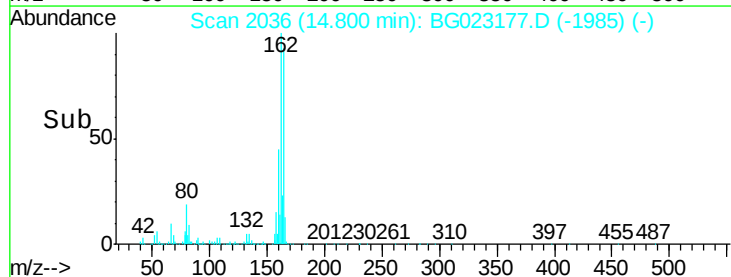
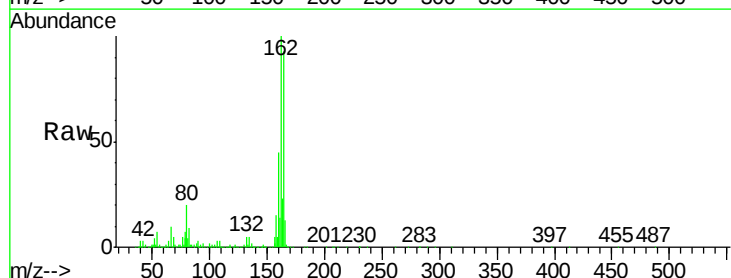
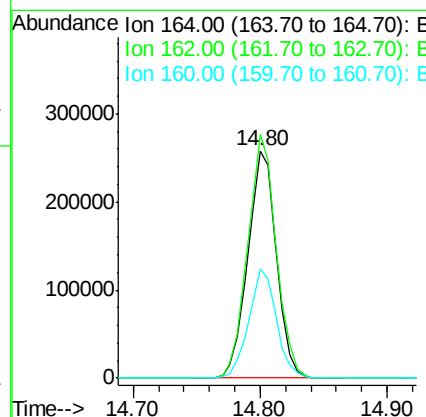
Manual Integrations

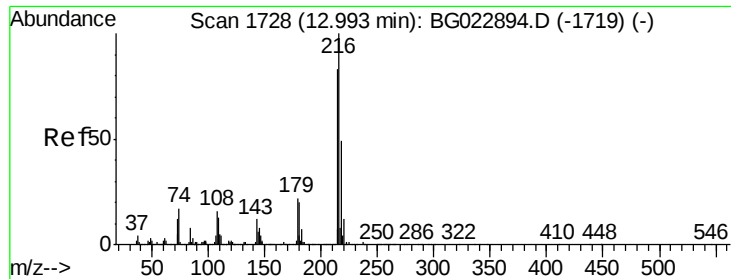
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	87.7	131.5
160	48.0	37.2	55.8





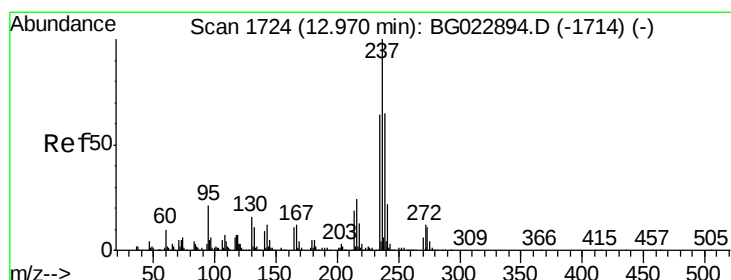
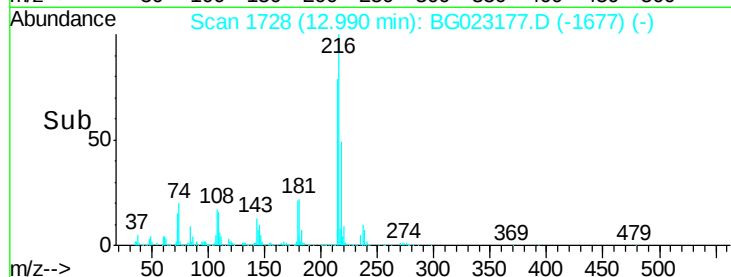
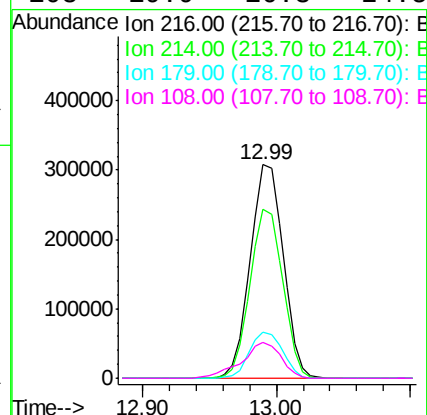
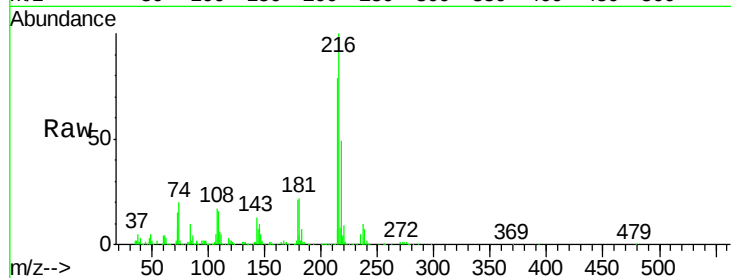
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.25 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.9	94.3
179	21.7	17.2	25.8
108	19.9	16.3	24.5

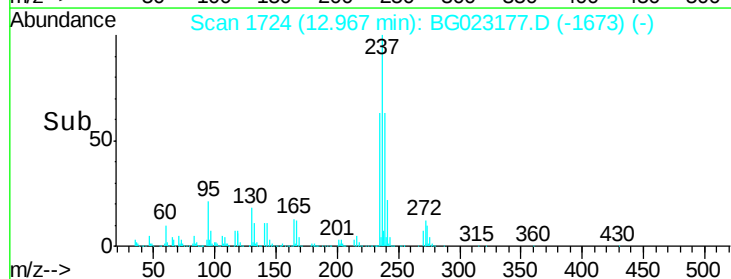
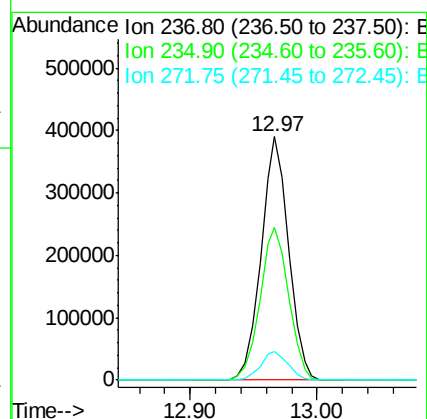
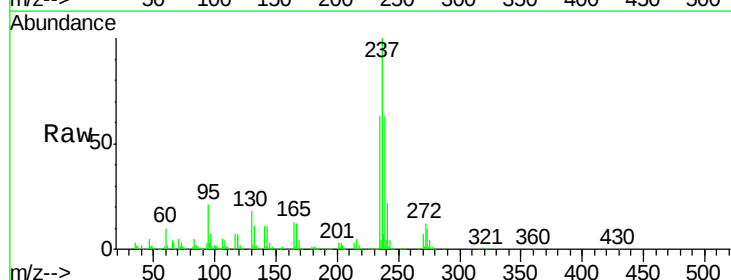
Manual Integrations

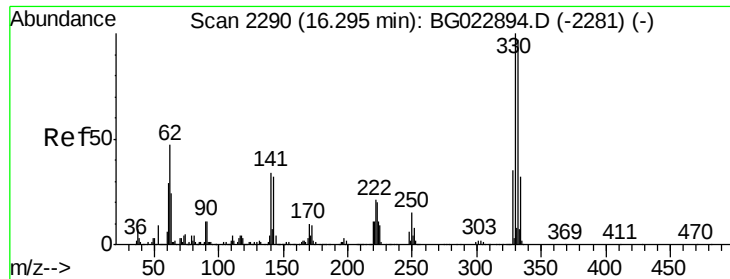
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#40
 Hexachlorocyclopentadiene
 Concen: 58.92 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.1	83.1
272	11.8	0.0	30.9





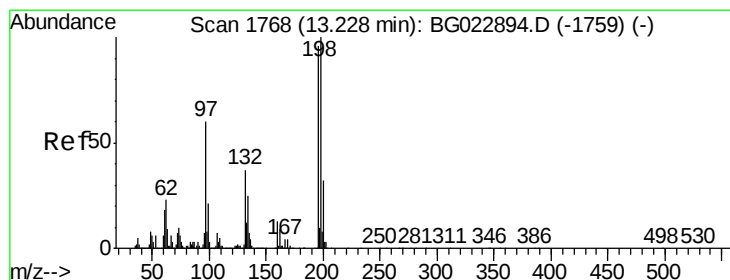
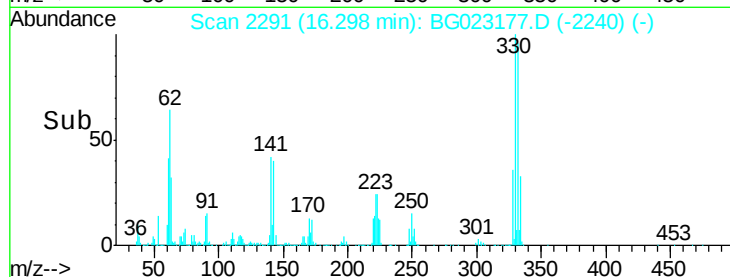
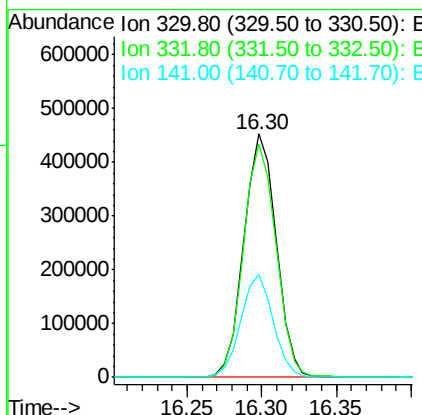
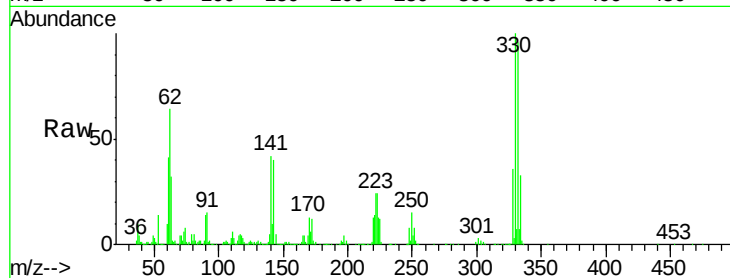
#41
 2,4,6-Tribromophenol
 Concen: 93.82 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	42.3	31.7	47.5

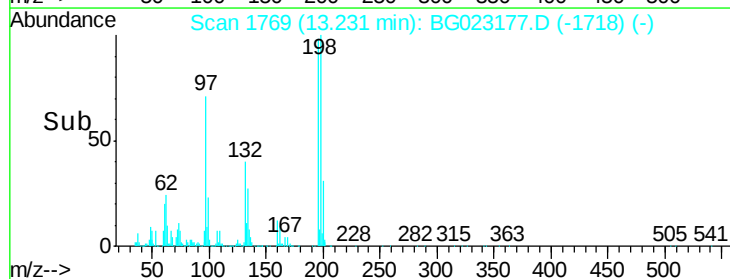
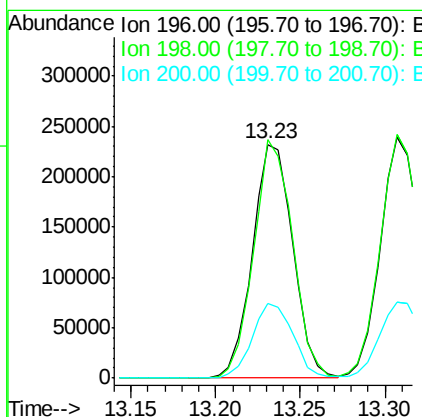
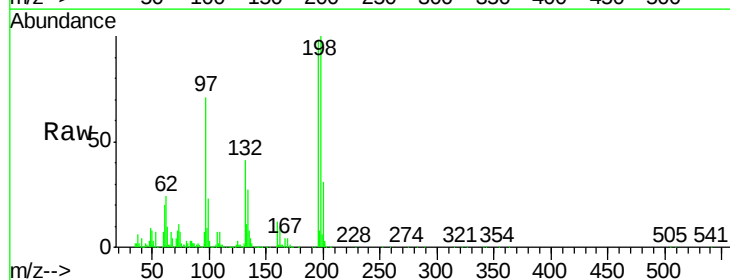
Manual Integrations

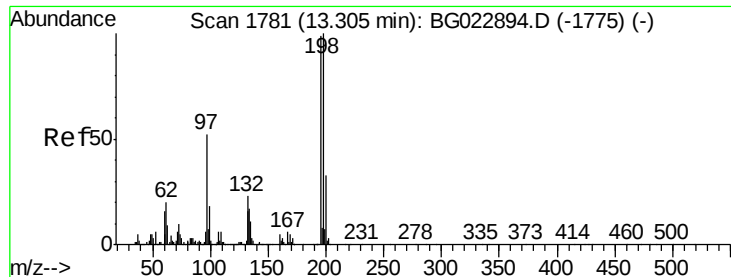
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#42
 2,4,6-Trichlorophenol
 Concen: 38.77 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	78.2	117.2
200	31.9	27.0	40.4





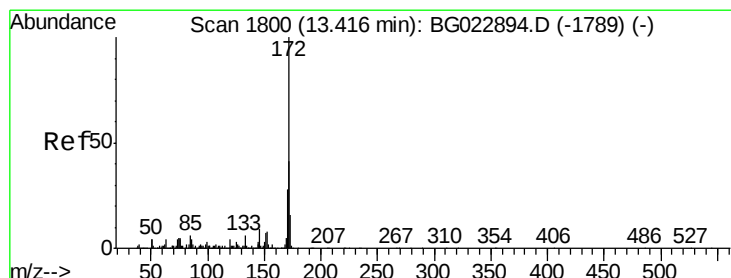
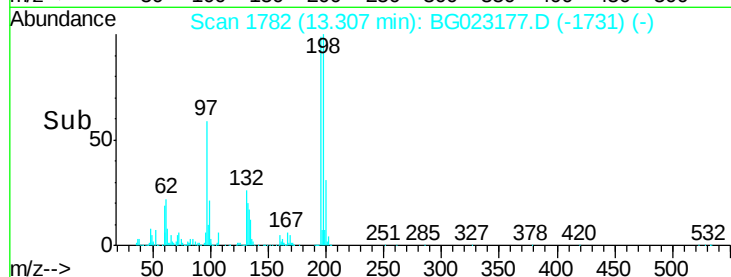
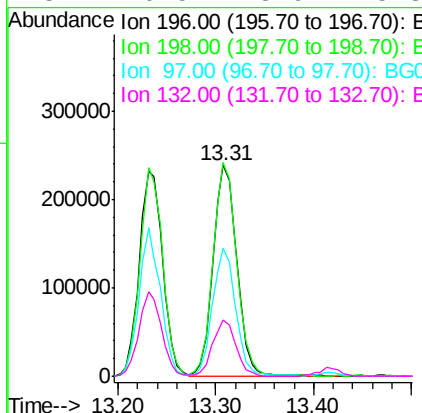
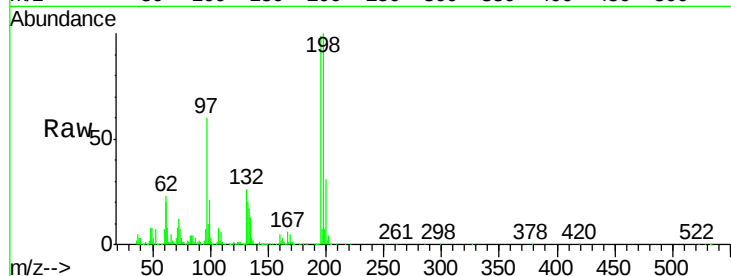
#43
 2,4,5-Trichlorophenol
 Concen: 39.27 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	196	Resp	402385
Ion Ratio	Lower	Upper	
196	100		
198	101.3	85.7	128.5
97	61.0	45.5	68.3
132	26.5	18.9	28.3

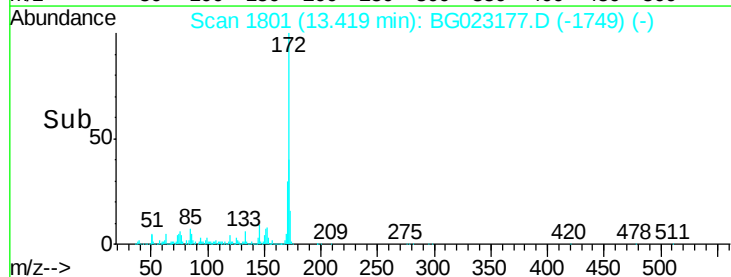
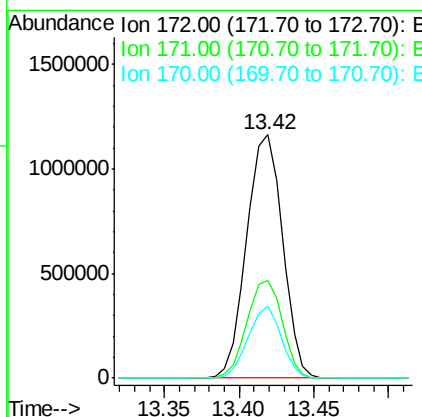
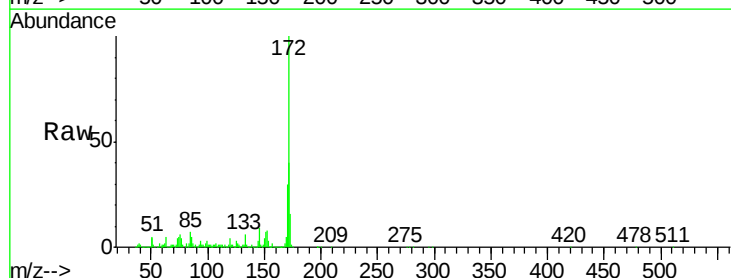
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 75.52 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	172	Resp	1931481
Ion Ratio	Lower	Upper	
172	100		
171	40.3	31.6	47.4
170	29.7	21.3	31.9





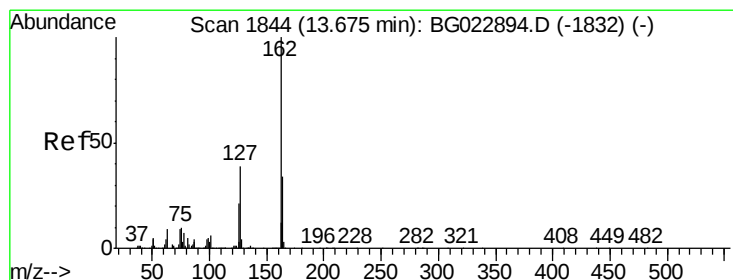
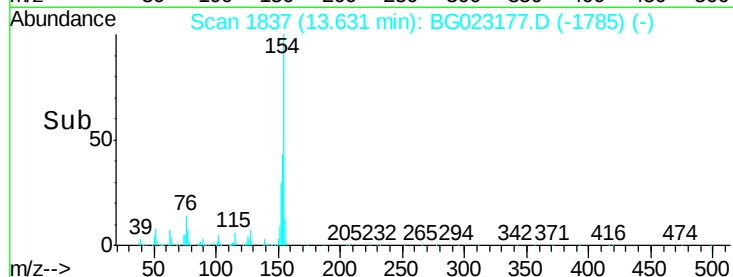
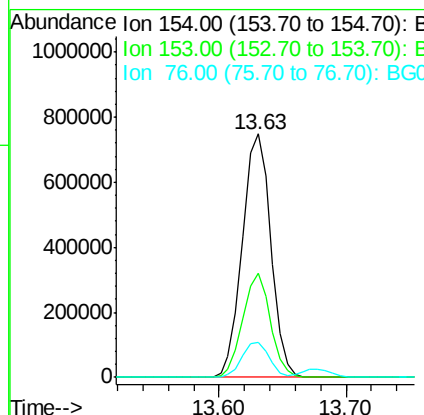
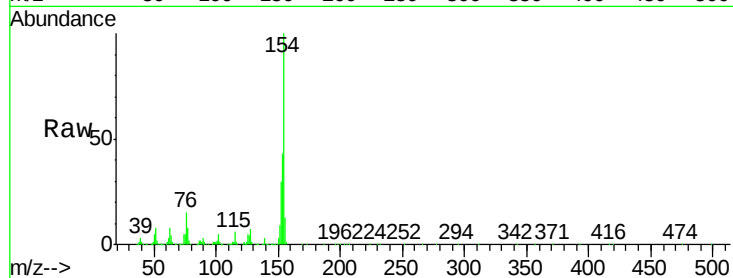
#45
 1,1'-Biphenyl
 Concen: 38.63 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.2	60.2
76	14.5	0.0	32.9

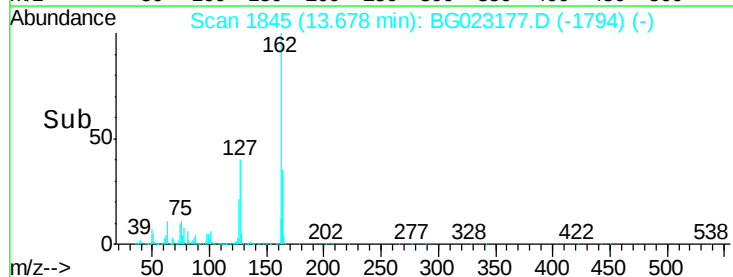
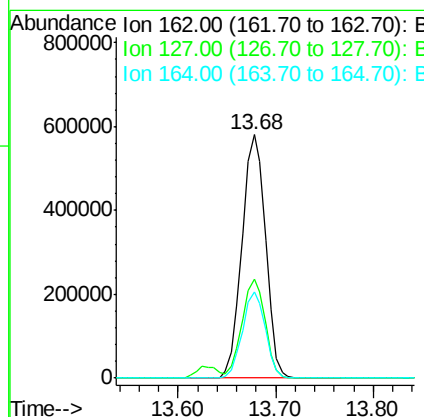
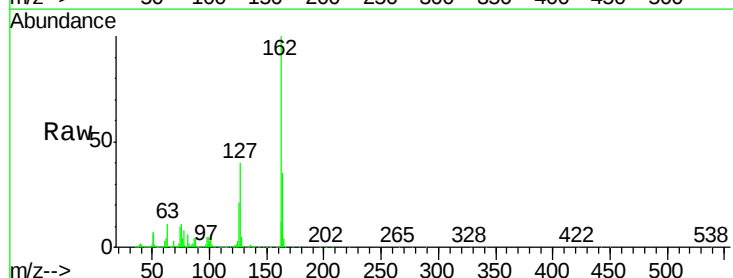
Manual Integrations

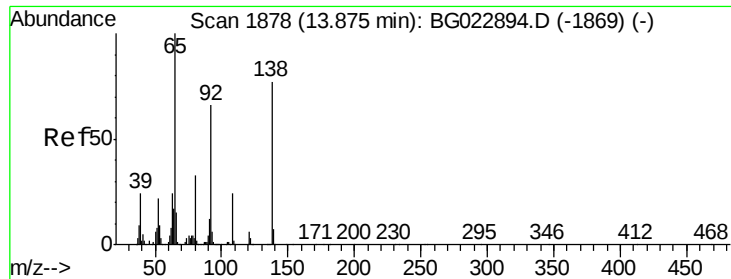
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#46
 2-Chloronaphthalene
 Concen: 39.90 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	35.4	25.2	37.8





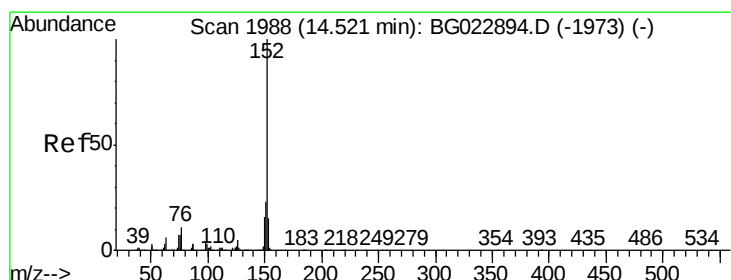
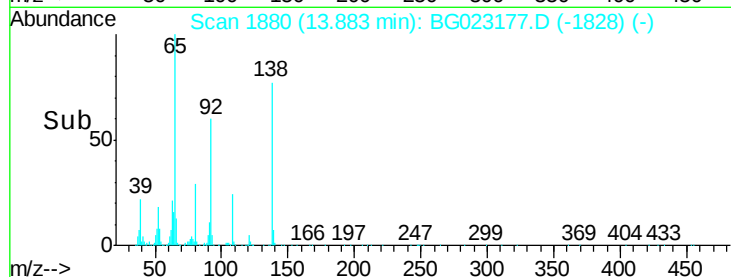
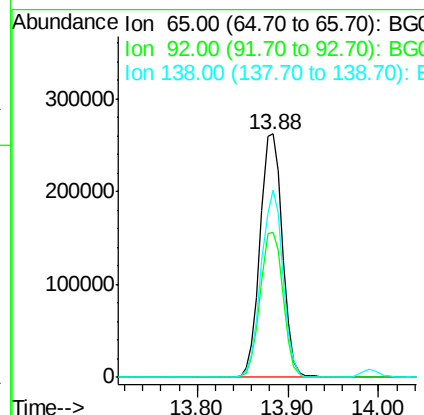
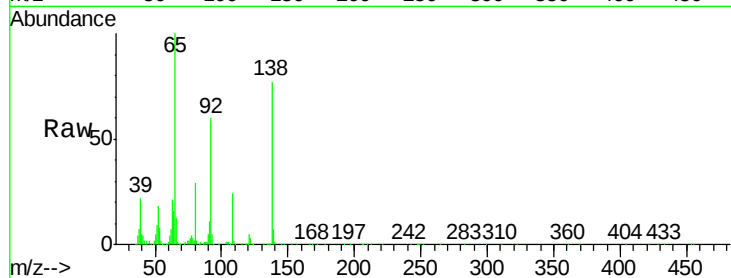
#47
2-Nitroaniline
Concen: 42.96 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.7	49.4	74.0
138	77.0	58.0	87.0

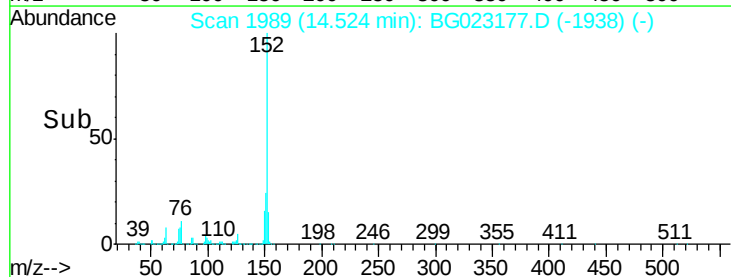
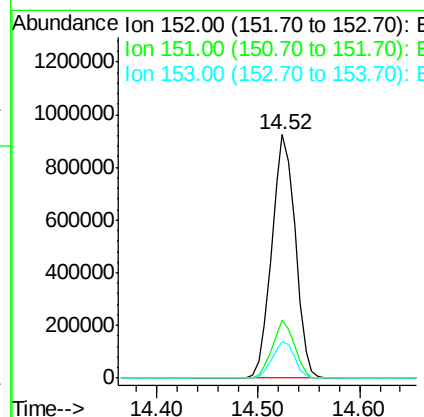
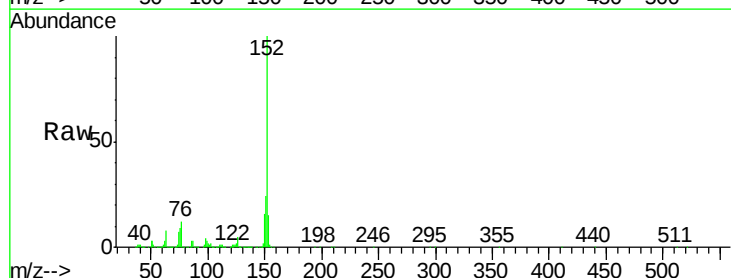
Manual Integrations

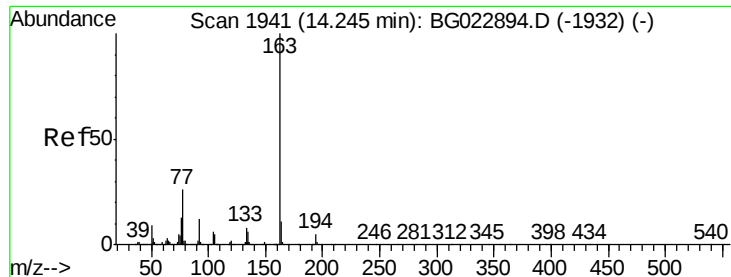
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#48
Acenaphthylene
Concen: 40.47 ng
RT: 14.52 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.0	17.6	26.4
153	15.1	11.4	17.2





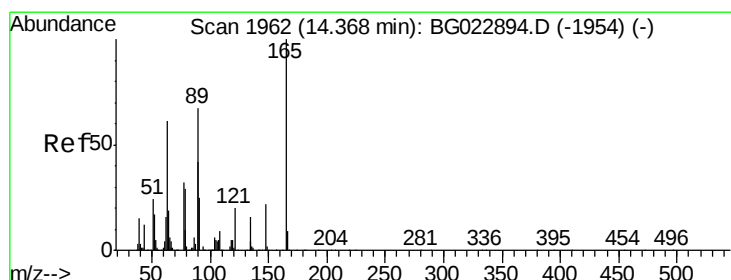
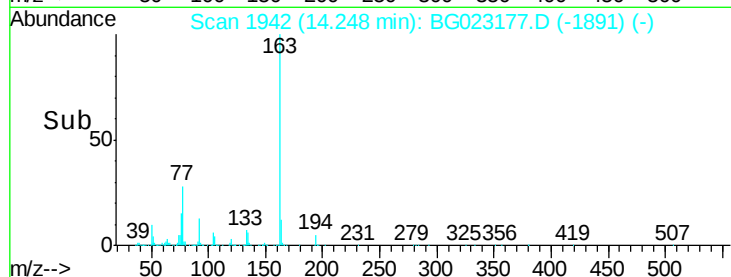
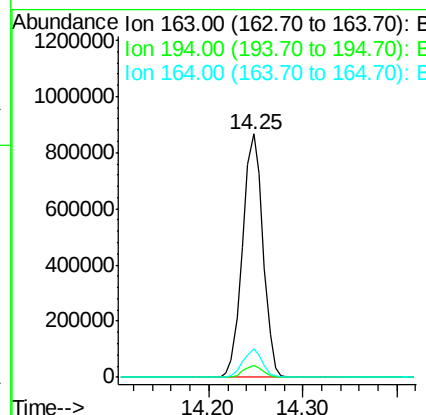
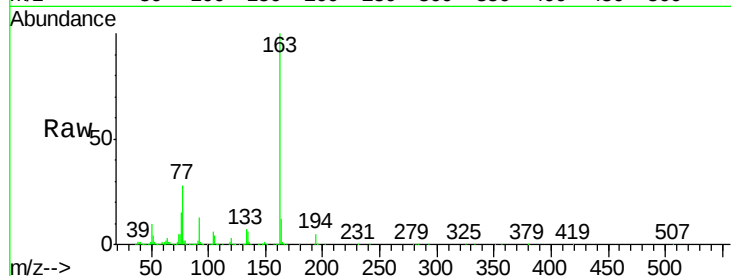
#49
Dimethylphthalate
Concen: 39.59 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampled :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	11.9	8.1	12.1

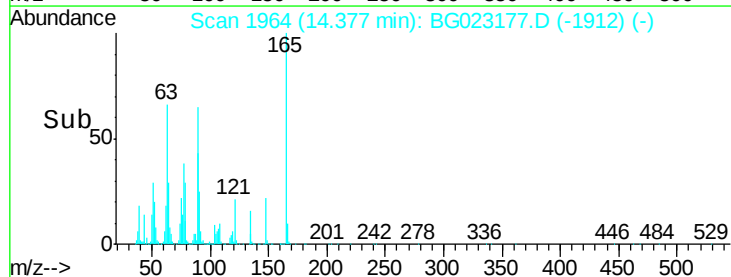
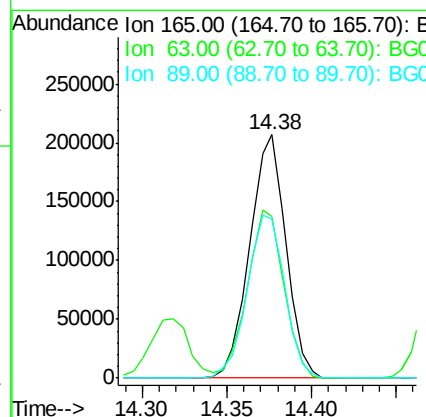
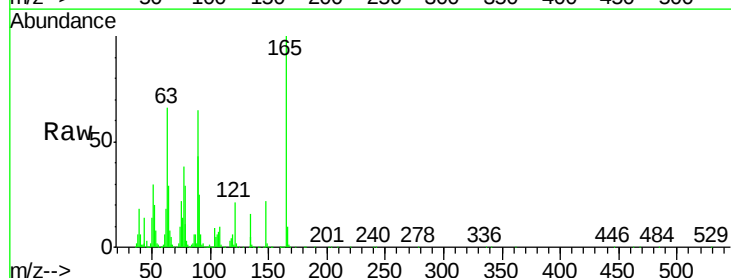
Manual Integrations

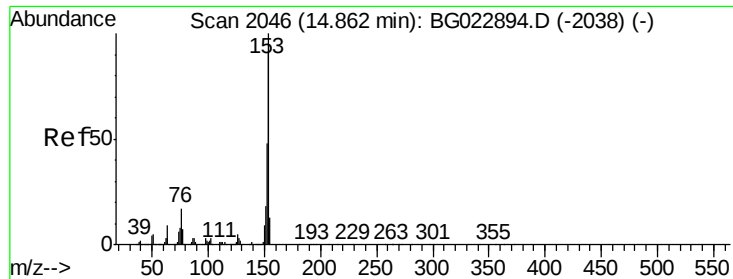
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#50
2,6-Dinitrotoluene
Concen: 41.49 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.2	64.3	96.5
89	65.4	64.3	96.5





#51

Acenaphthene

Concen: 40.42 ng

RT: 14.86 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

PB92224BSD

Tot Ion:154 Resp: 971482

Ion Ratio Lower Upper

154 100

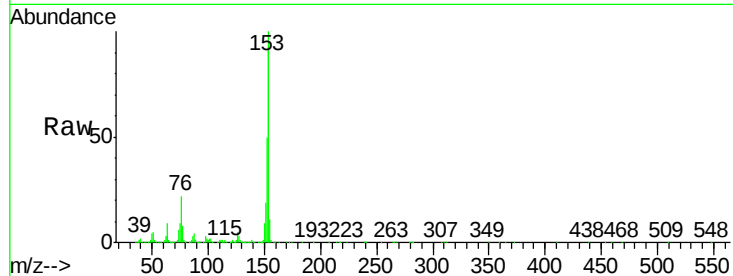
153 108.0 87.5 131.3

152 54.0 42.7 64.1

Manual Integrations

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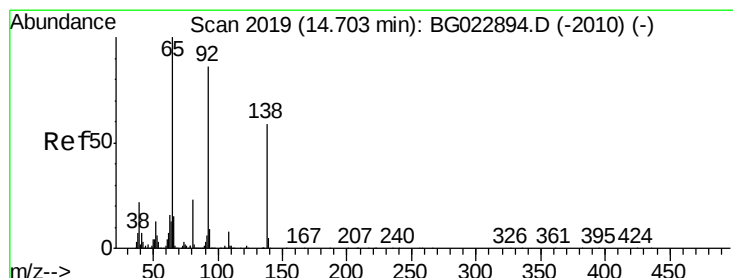
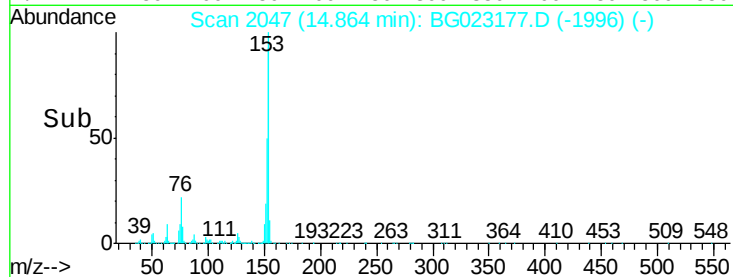
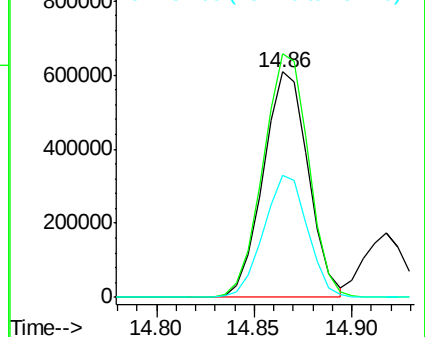
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.18 ng

RT: 14.71 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

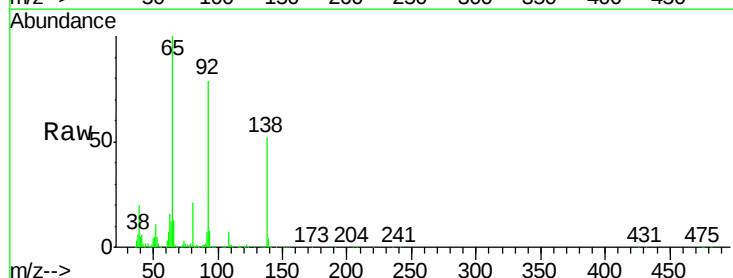
Tgt Ion:138 Resp: 229888

Ion Ratio Lower Upper

138 100

108 12.7 11.7 17.5

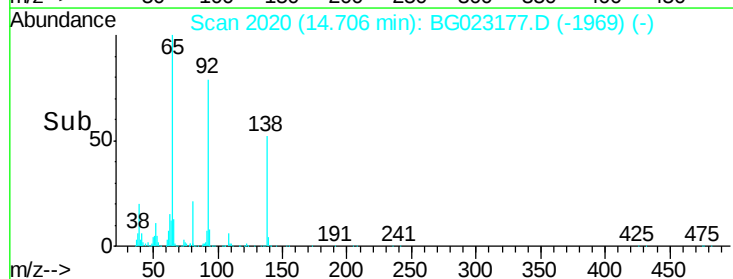
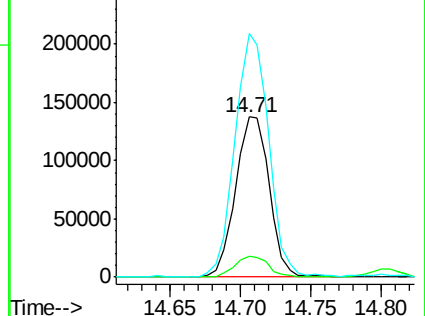
92 151.9 129.7 194.5

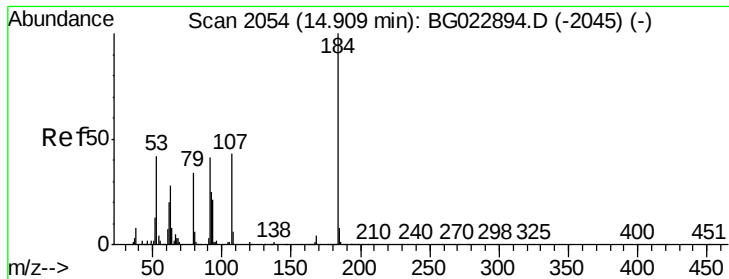


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





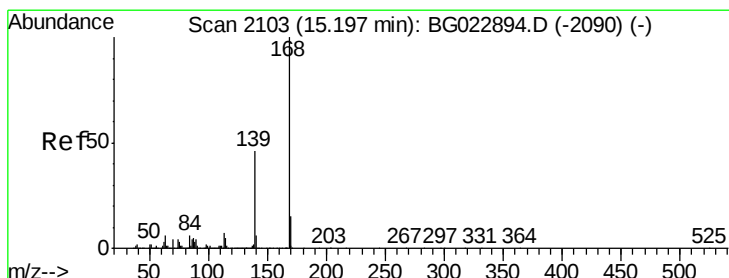
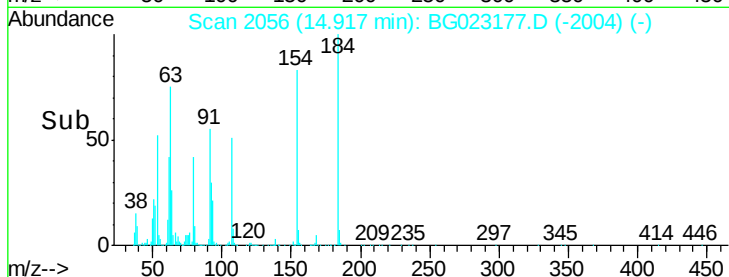
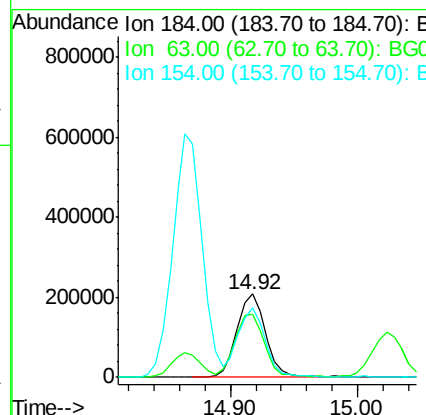
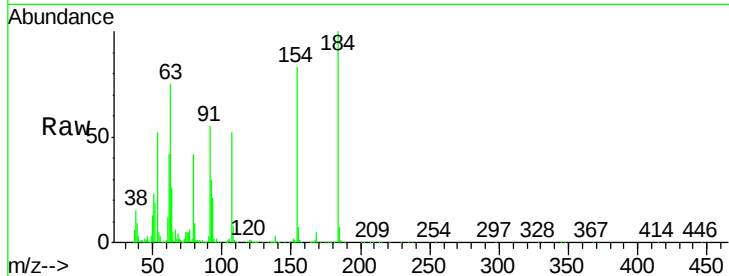
#53
2,4-Dinitrophenol
Concen: 64.36 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.2	59.6	89.4
154	82.7	67.4	101.0

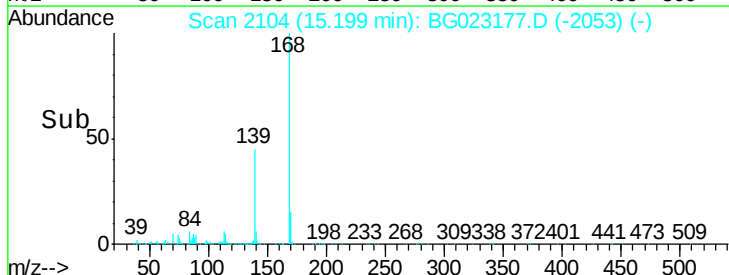
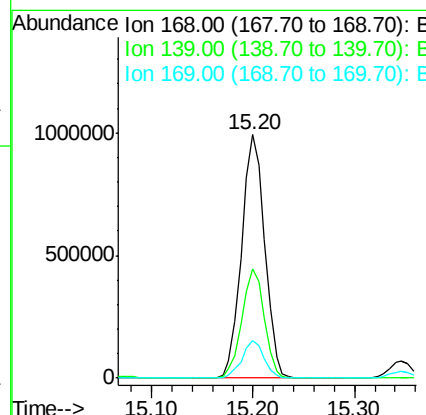
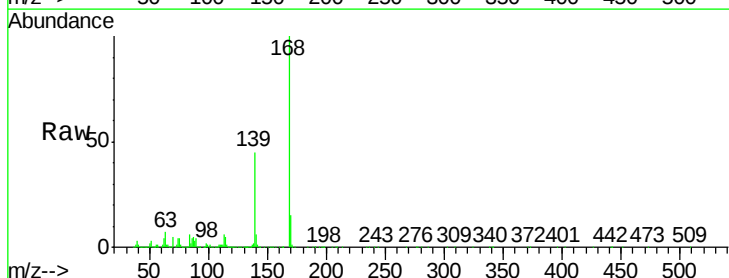
Manual Integrations

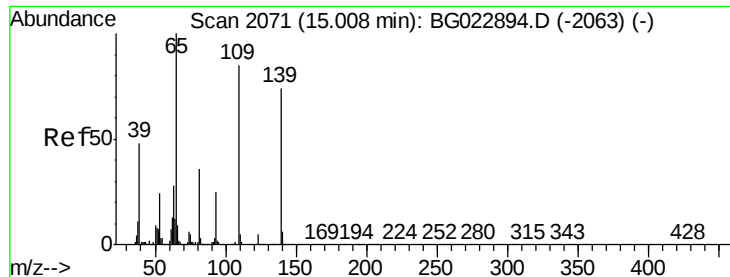
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#54
Dibenzofuran
Concen: 43.51 ng
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.6	36.4	54.6
169	15.2	11.9	17.9





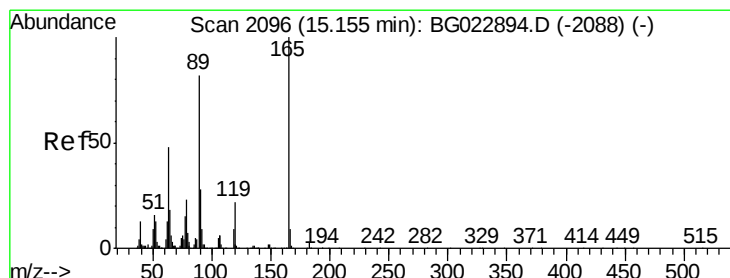
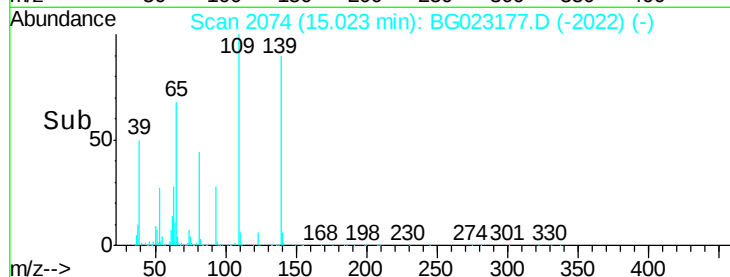
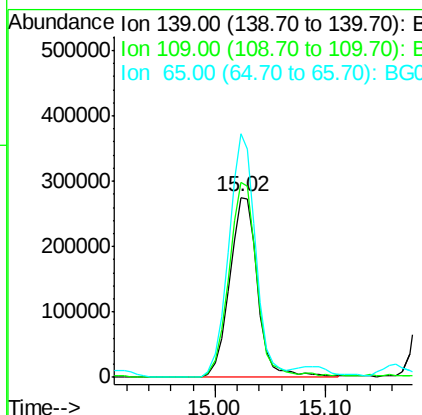
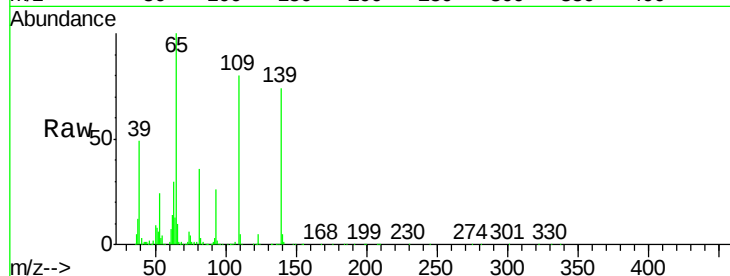
#55
4-Nitrophenol
Concen: 79.43 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	108.8	103.0	143.0
65	135.5	112.7	152.7

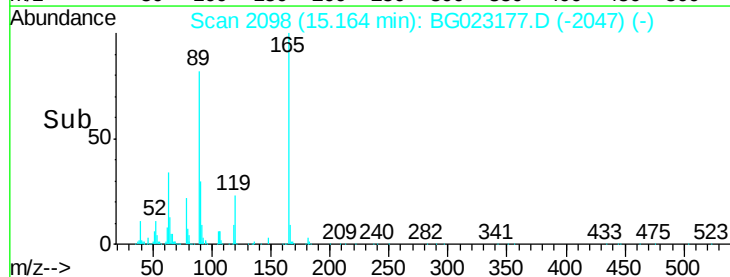
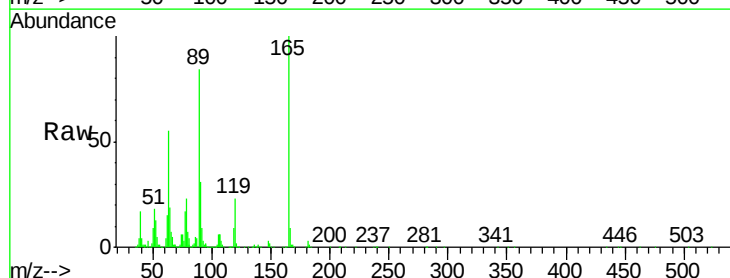
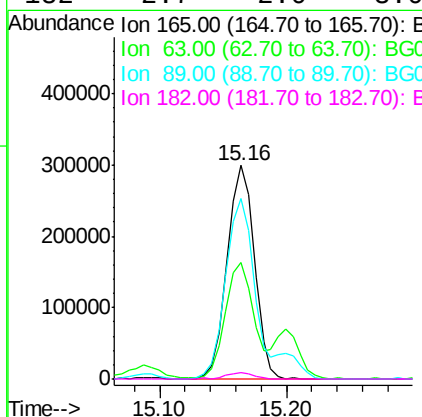
Manual Integrations

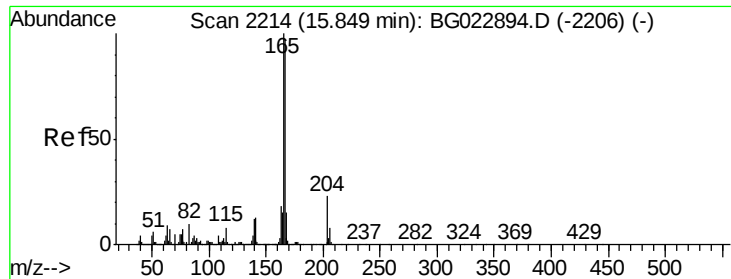
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#56
2,4-Dinitrotoluene
Concen: 41.23 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.8	45.8	68.6
89	84.4	68.6	102.8
182	2.7	2.0	3.0





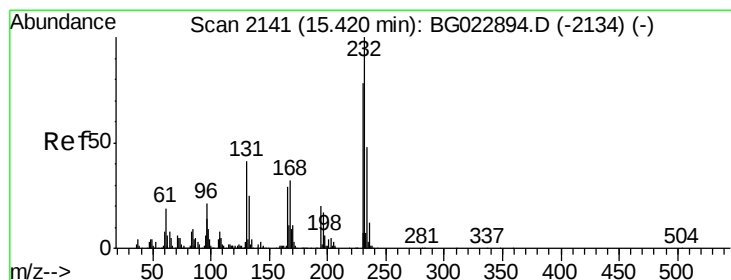
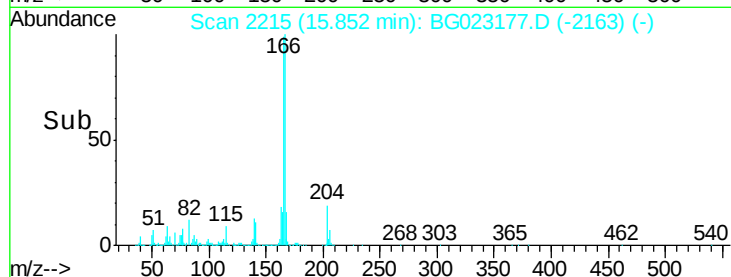
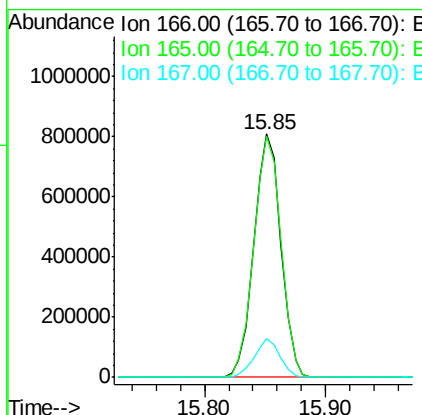
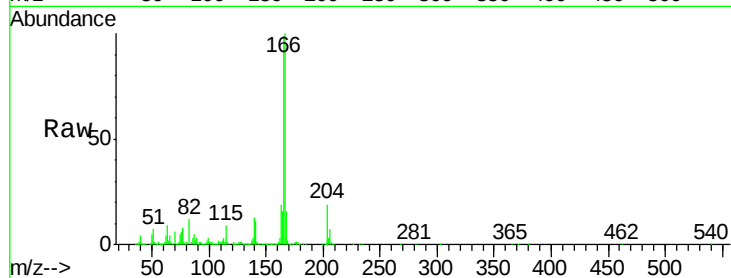
#57
Fluorene
 Concen: 40.52 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleID :
 PB92224BSD

Tot Ion:166 Resp: 1254685
 Ion Ratio Lower Upper
 166 100
 165 98.9 81.0 121.6
 167 15.9 12.0 18.0

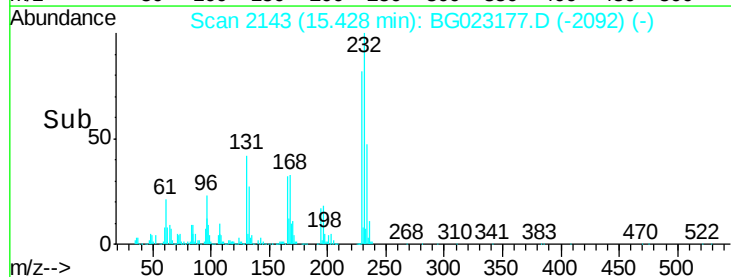
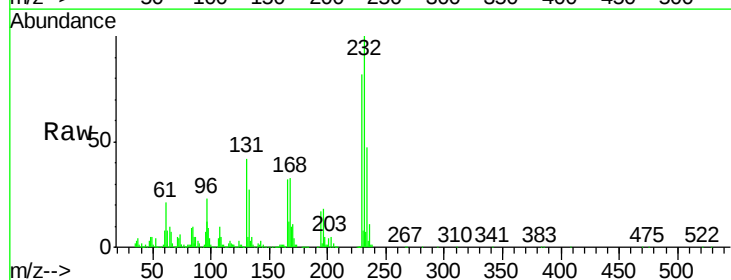
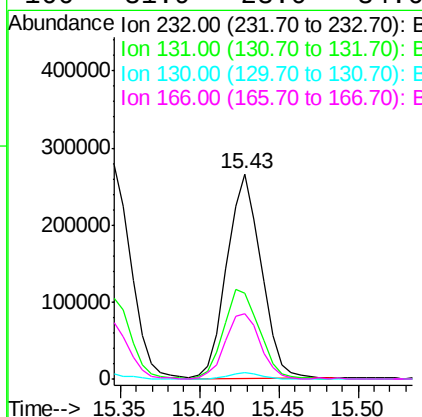
Manual Integrations

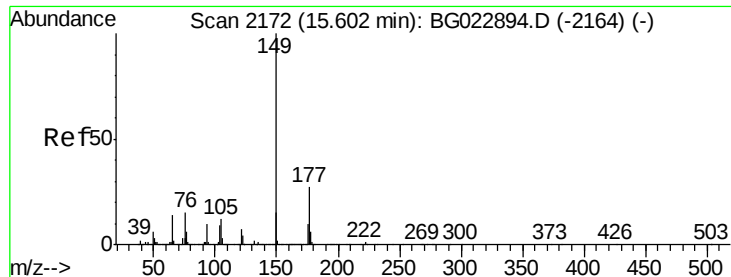
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.07 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion:232 Resp: 400512
 Ion Ratio Lower Upper
 232 100
 131 44.6 32.7 49.1
 130 2.9 2.6 3.8
 166 31.9 23.0 34.6





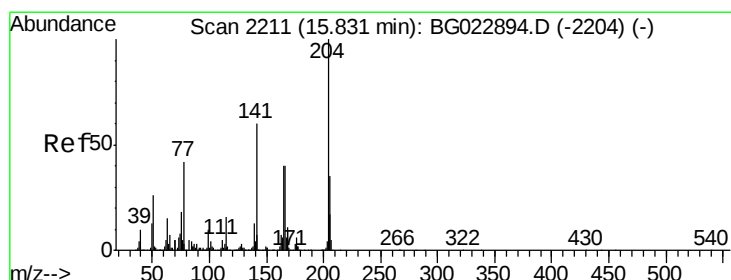
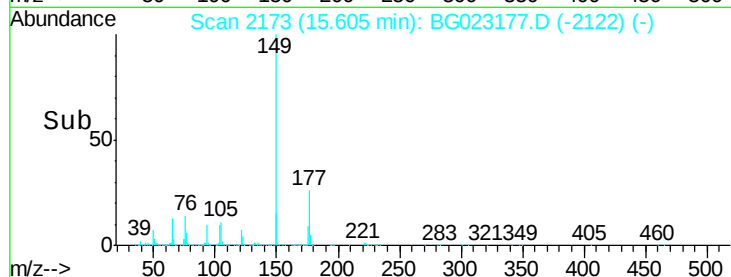
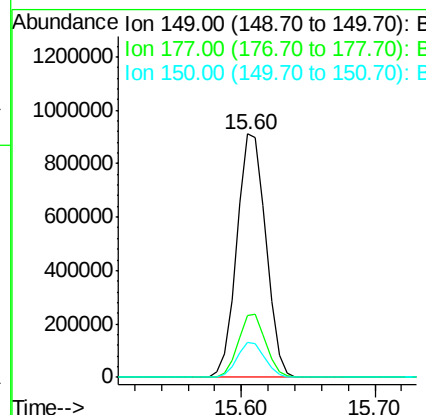
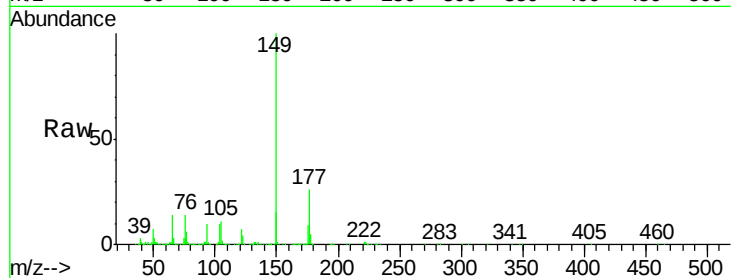
#59
Diethylphthalate
Concen: 41.03 ng
RT: 15.60 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.6	19.2	28.8
150	14.5	10.6	16.0

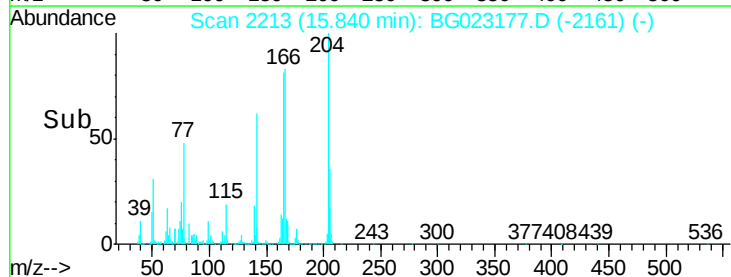
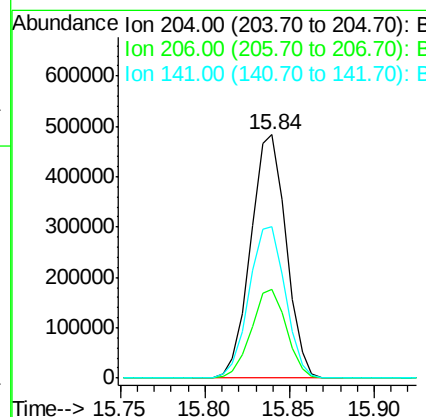
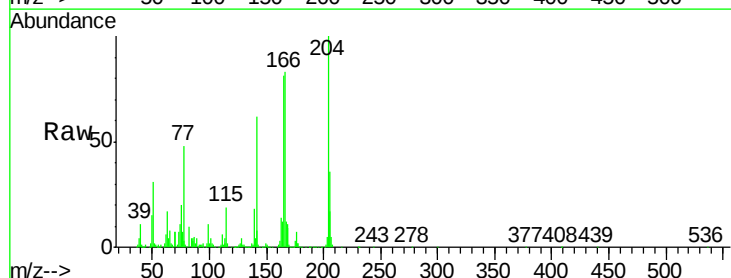
Manual Integrations

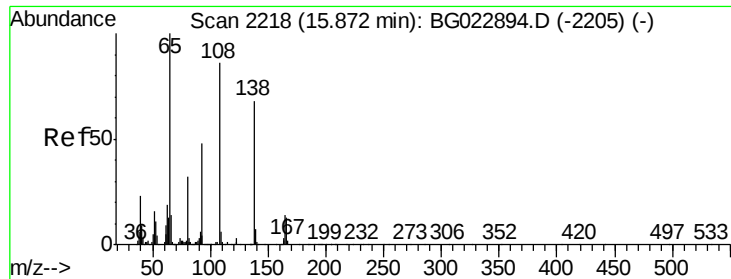
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#60
4-Chlorophenyl-phenylether
Concen: 37.48 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.5	28.5	42.7
141	62.3	51.4	77.0





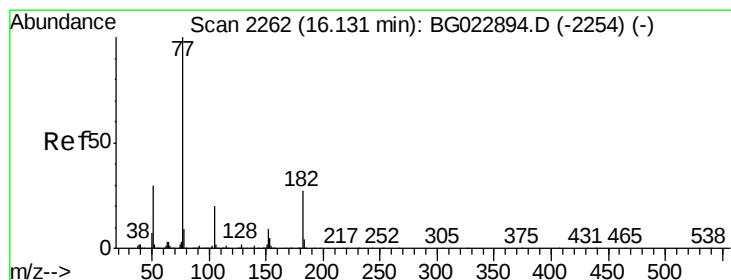
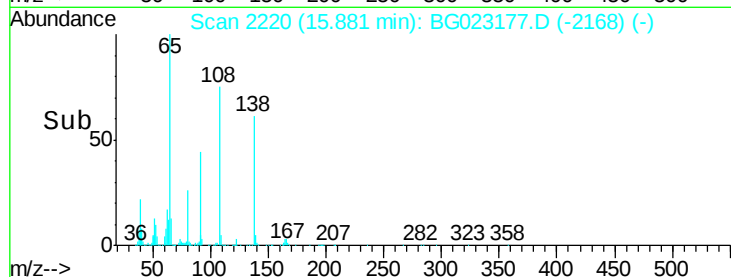
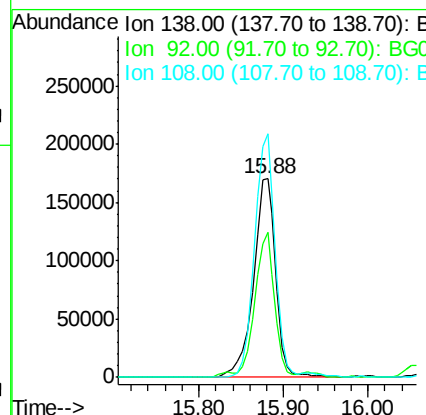
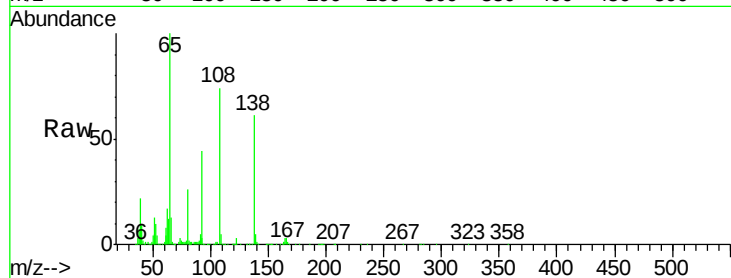
#61
4-Nitroaniline
Concen: 39.51 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	73.2	54.1	94.1
108	122.6	133.9	173.9#

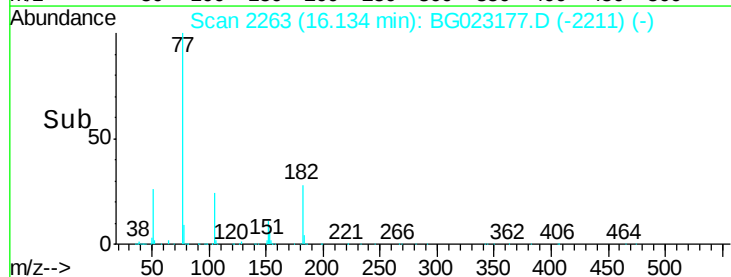
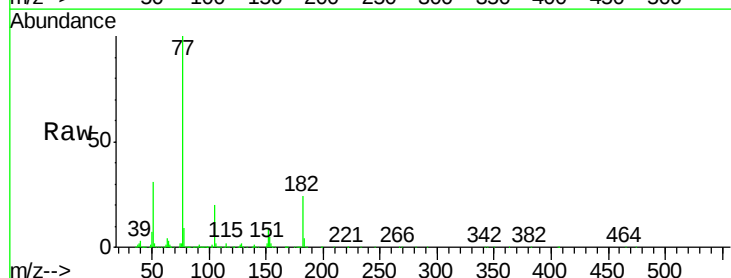
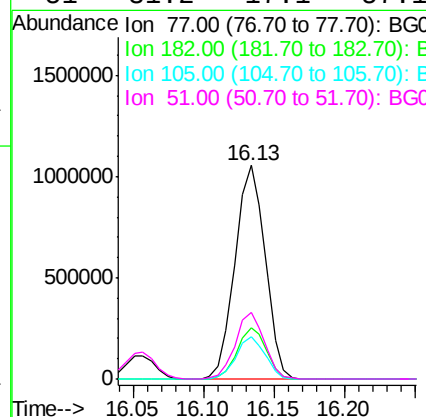
Manual Integrations

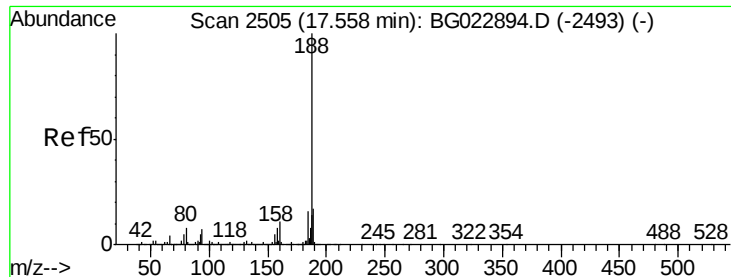
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#62
Azobenzene
Concen: 48.97 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	3.5	43.5
105	20.1	0.0	38.5
51	31.2	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

PB92224BSD

Tot Ion:188 Resp: 969526

Ion Ratio Lower Upper

188 100

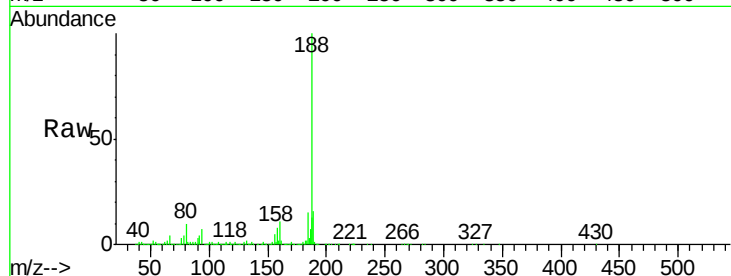
94 7.5 5.2 7.8

80 10.2 7.2 10.8

Manual Integrations

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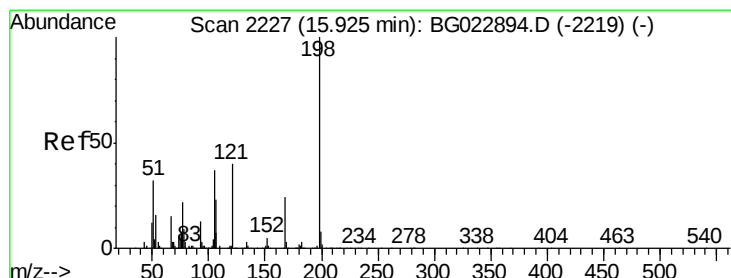
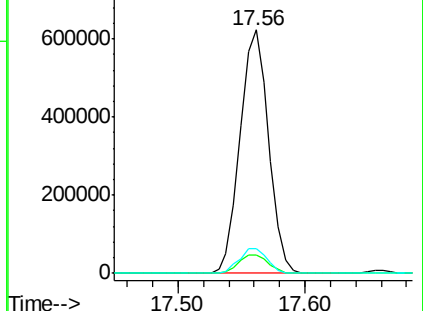
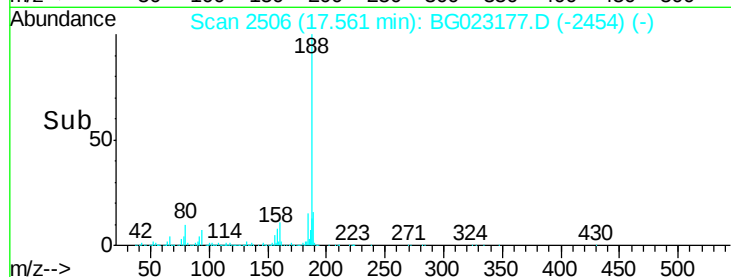
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.89 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

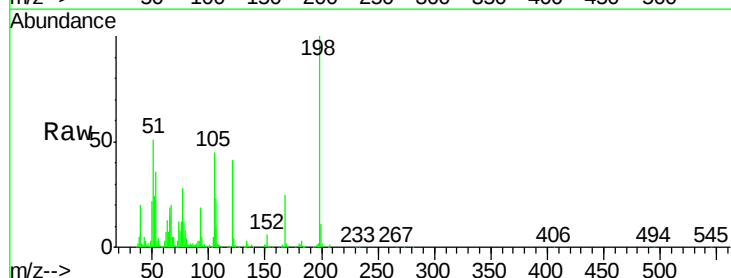
Tgt Ion:198 Resp: 272991

Ion Ratio Lower Upper

198 100

51 51.4 26.0 66.0

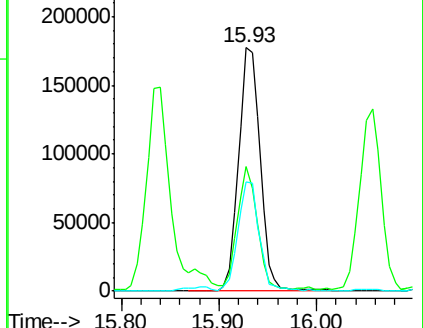
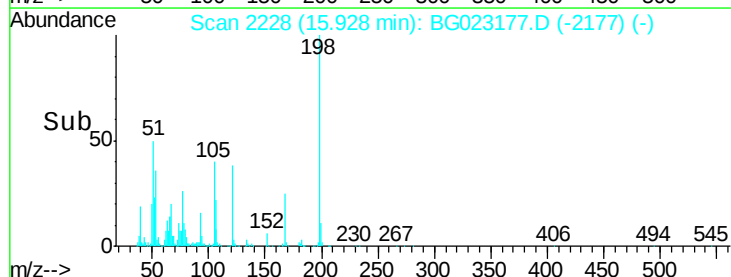
105 44.6 20.1 60.1

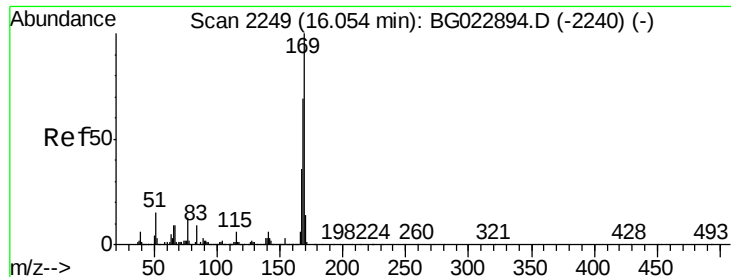


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





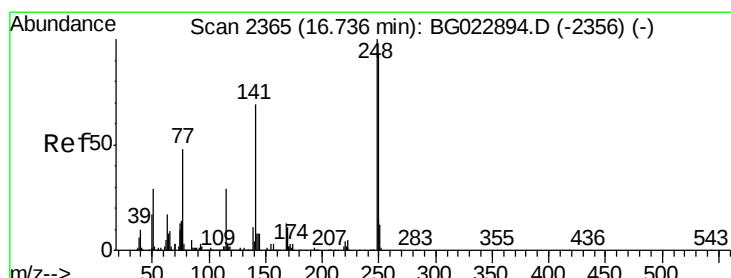
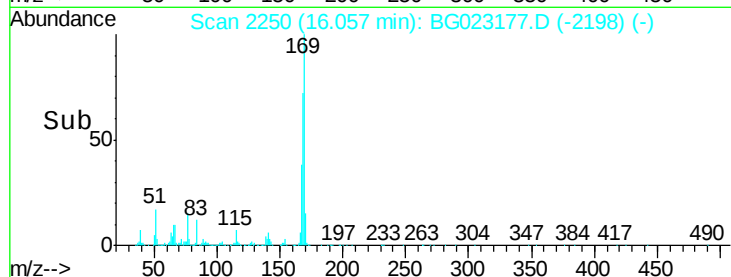
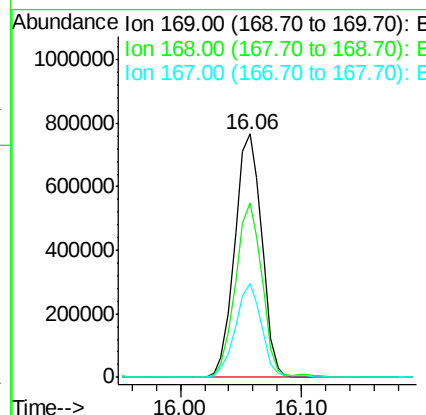
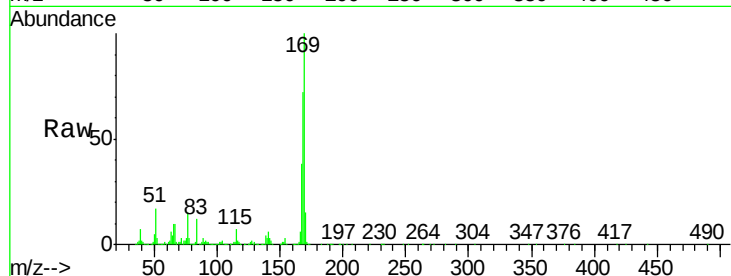
#65
n-Nitrosodiphenylamine
Concen: 42.71 ng
RT: 16.06 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion:169 Resp: 1193093
Ion Ratio Lower Upper
169 100
168 71.6 55.0 82.4
167 38.4 27.4 41.0

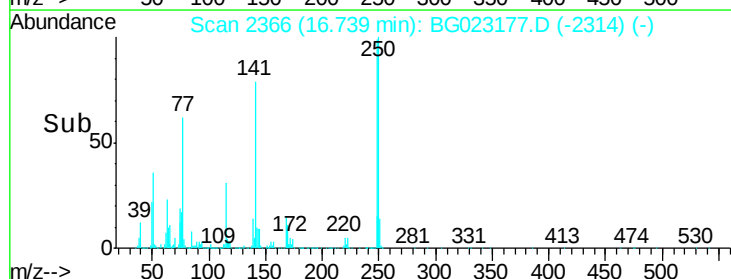
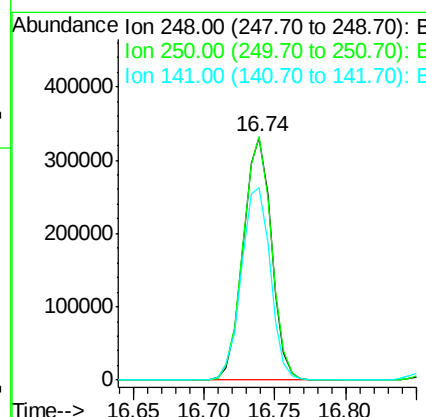
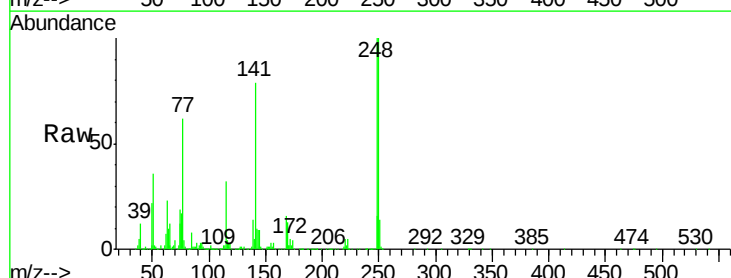
Manual Integrations

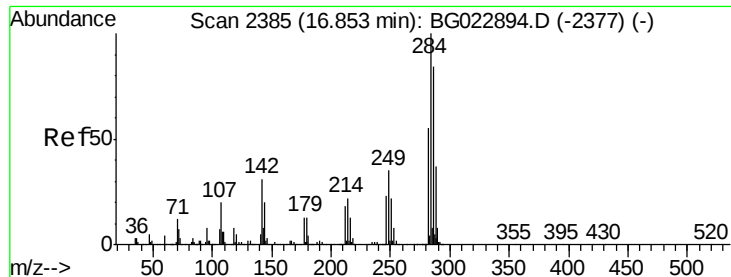
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#66
4-Bromophenyl-phenylether
Concen: 36.71 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion:248 Resp: 463077
Ion Ratio Lower Upper
248 100
250 100.2 77.8 116.8
141 79.5 65.7 98.5





#67

Hexachlorobenzene

Concen: 35.77 ng

RT: 16.86 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

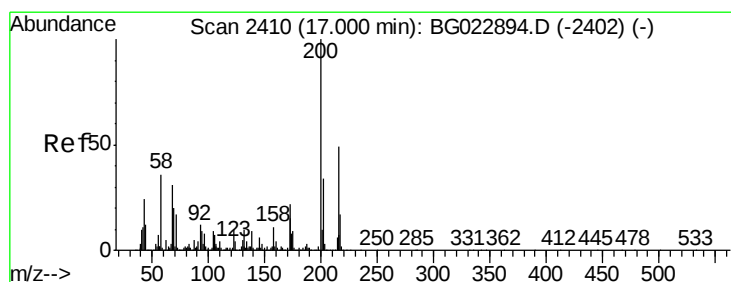
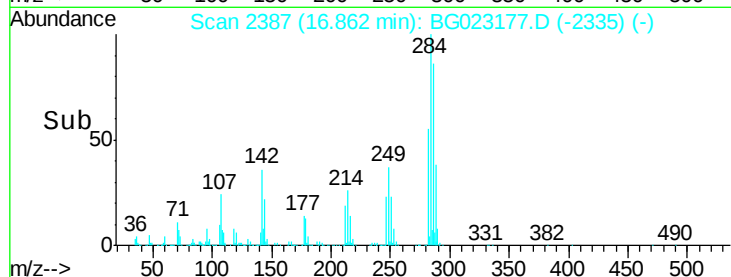
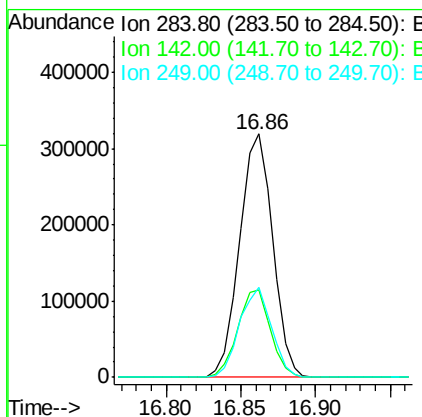
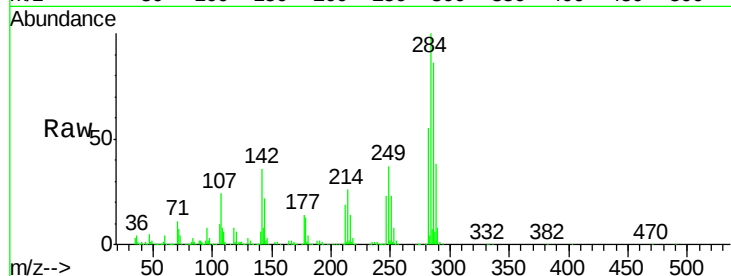
PB92224BSD

Tot Ion:	284	Resp:	490650
Ion Ratio		Lower	Upper
284	100		
142	36.0	26.8	40.2
249	36.7	28.9	43.3

Manual Integrations

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#68

Atrazine

Concen: 39.64 ng

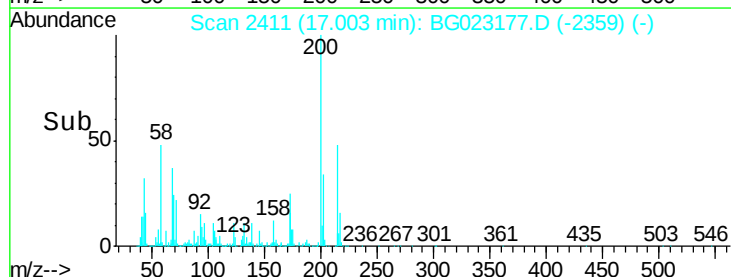
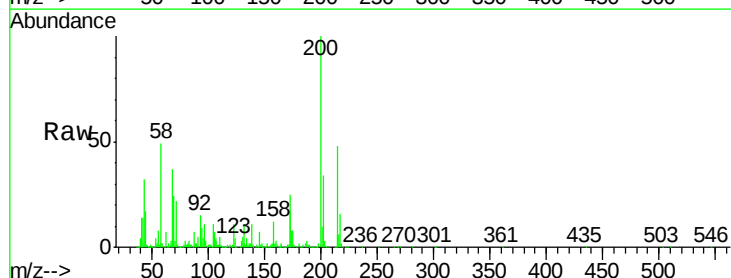
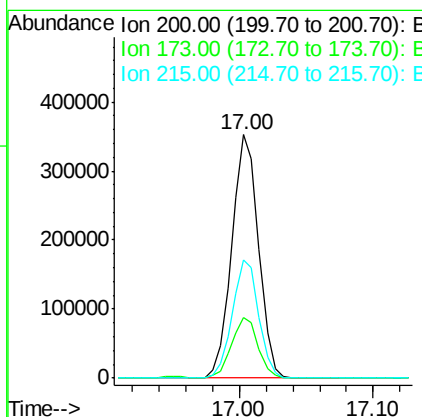
RT: 17.00 min Scan# 2411

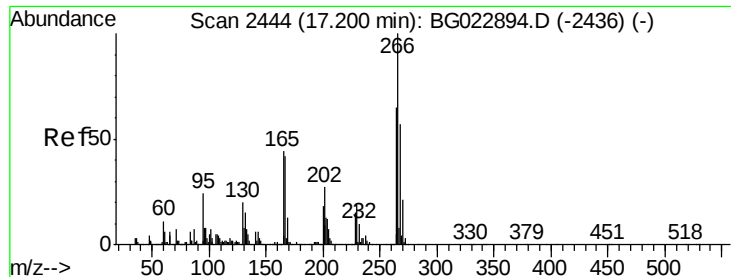
Delta R.T. 0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tgt Ion:	200	Resp:	491171
Ion Ratio		Lower	Upper
200	100		
173	24.9	1.6	41.6
215	48.3	28.7	68.7





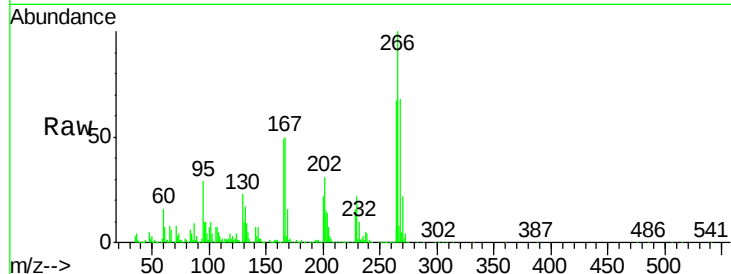
#69
 Pentachlorophenol
 Concen: 67.24 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	51.9	77.9
264	66.7	50.6	75.8

Manual Integrations

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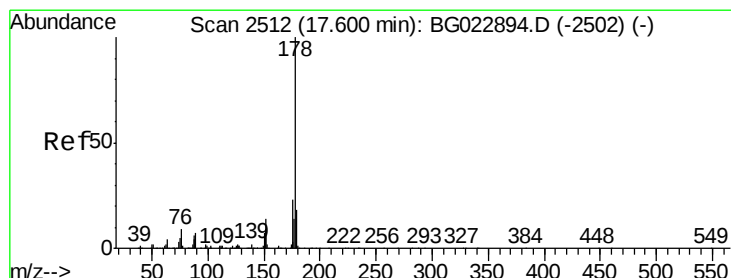
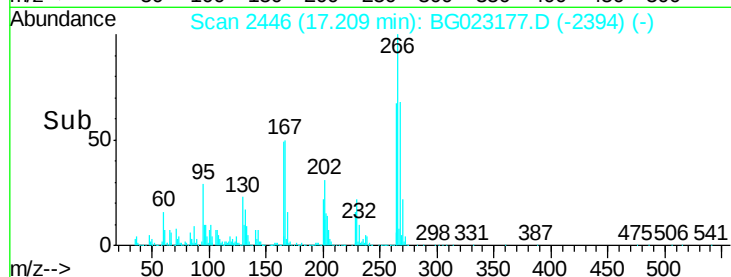
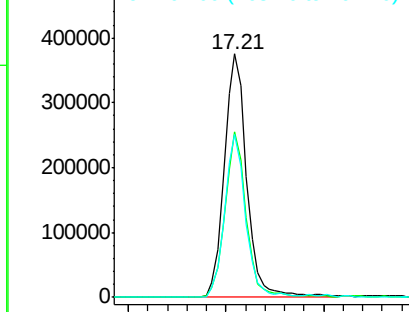


Abundance

Ion 265.70 (265.40 to 266.40): E

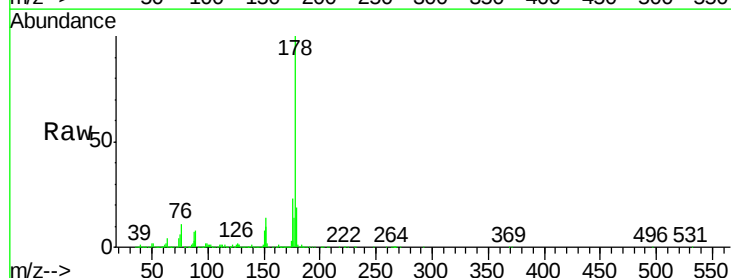
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.10 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.5	16.8	25.2
179	19.3	14.3	21.5

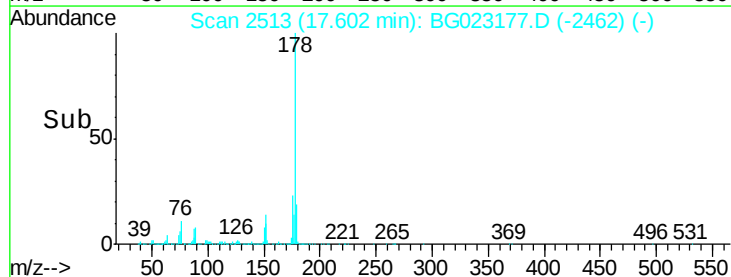
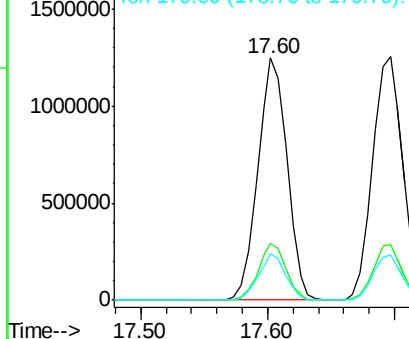


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.89 ng

RT: 17.70 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

PB92224BSD

Tot Ion:178 Resp: 2063608

Ion Ratio Lower Upper

178 100

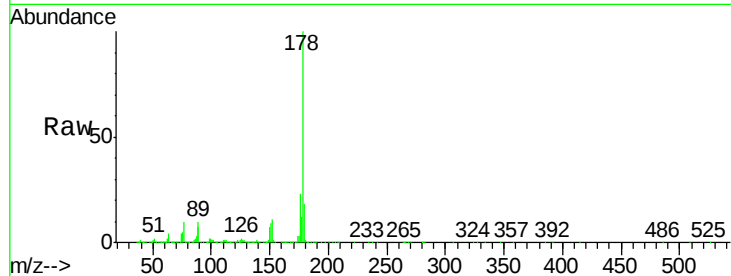
176 22.6 17.3 25.9

179 18.5 14.0 21.0

Manual Integrations

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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.70

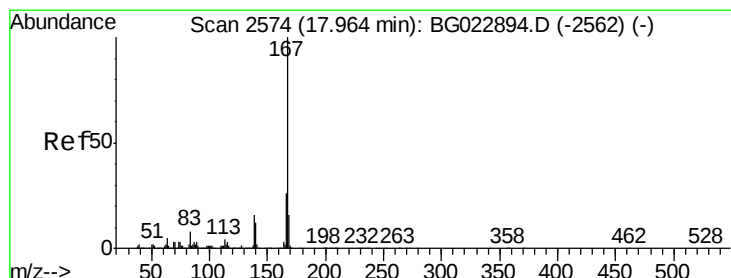
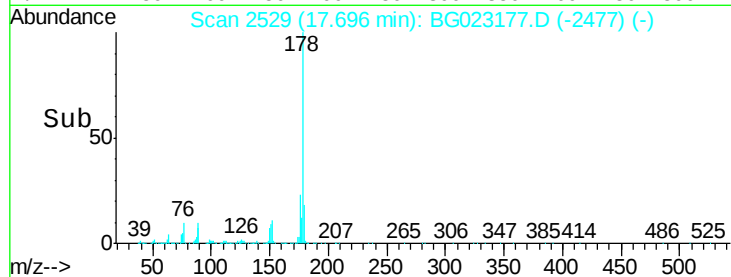
1500000

1000000

500000

0

Time--> 17.60 17.70 17.80



#72

Carbazole

Concen: 44.04 ng

RT: 17.97 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

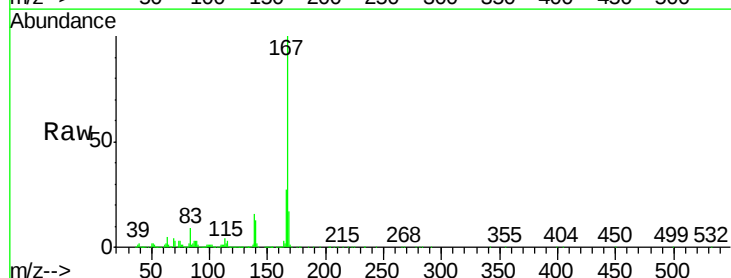
Tgt Ion:167 Resp: 1830683

Ion Ratio Lower Upper

167 100

166 26.6 20.7 31.1

139 15.8 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.97

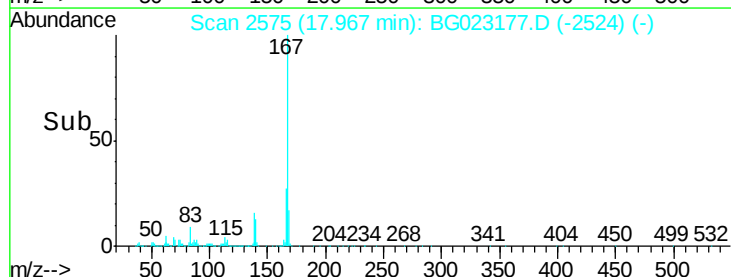
1500000

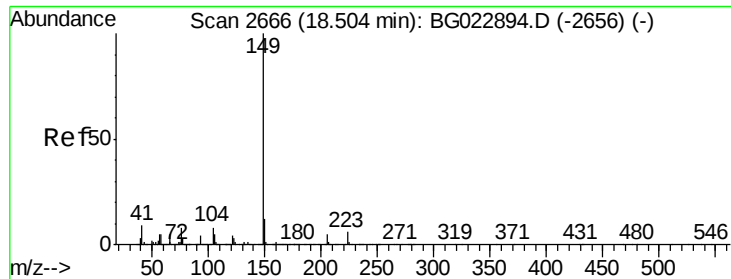
1000000

500000

0

Time--> 17.90 17.95 18.00 18.05





#73

Di-n-butylphthalate

Concen: 46.59 ng

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

PB92224BSD

Tot Ion:149 Resp: 2153900

Ion Ratio Lower Upper

149 100

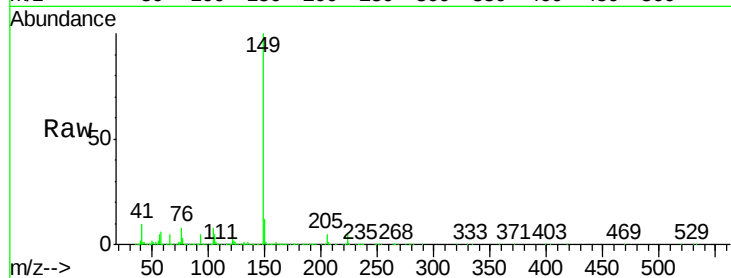
150 12.1 9.1 13.7

104 8.2 6.9 10.3

Manual Integrations

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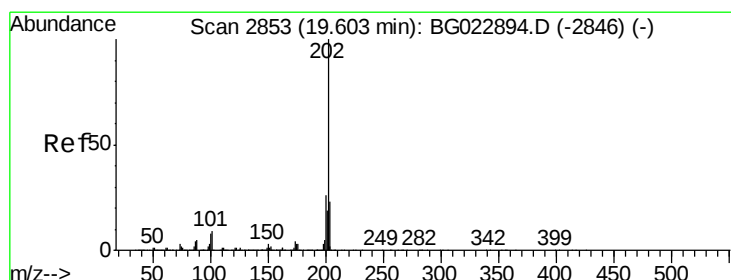
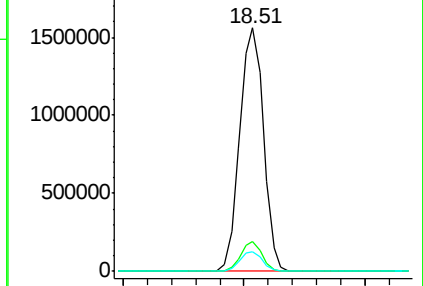
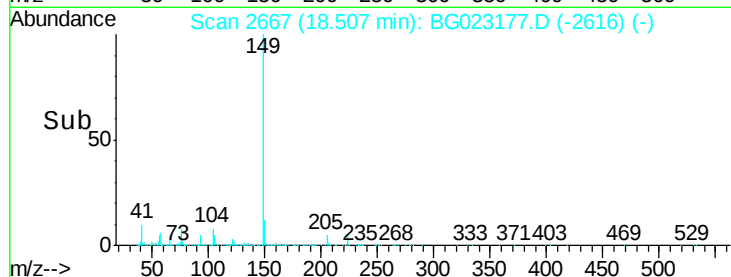
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.84 ng

RT: 19.61 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

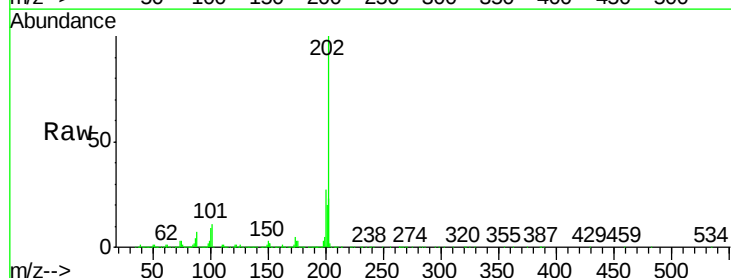
Tgt Ion:202 Resp: 2264730

Ion Ratio Lower Upper

202 100

101 10.9 0.0 27.4

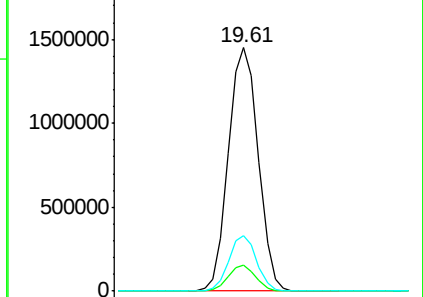
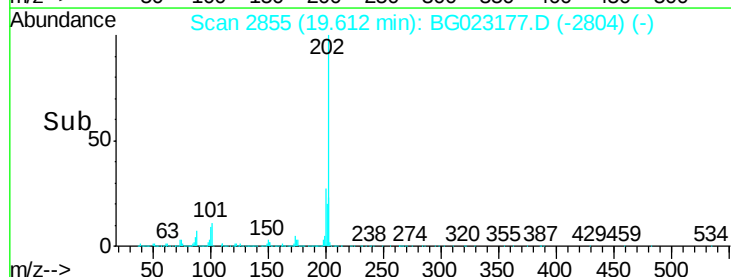
203 22.8 1.7 41.7

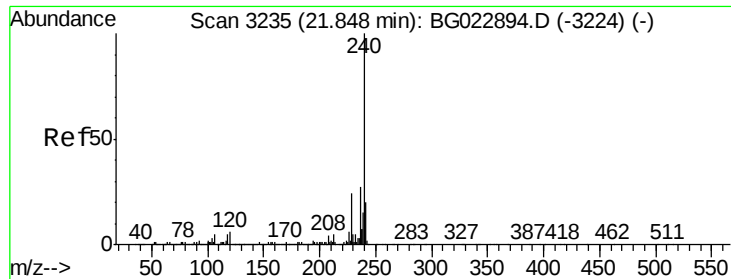


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

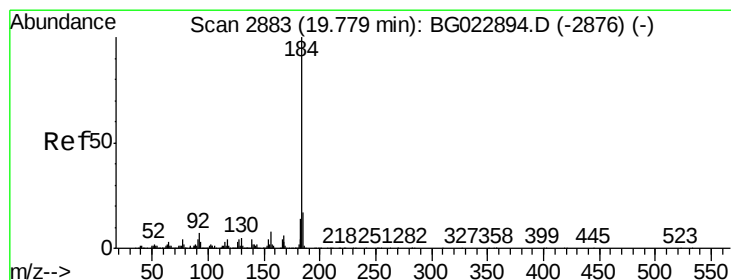
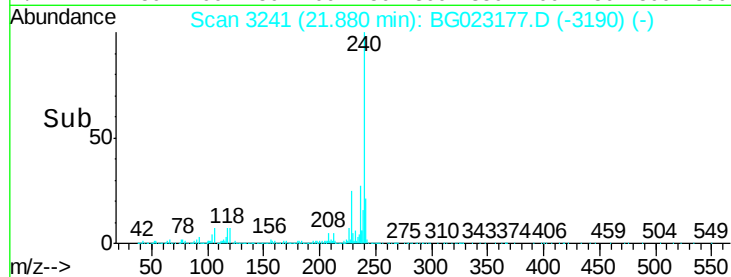
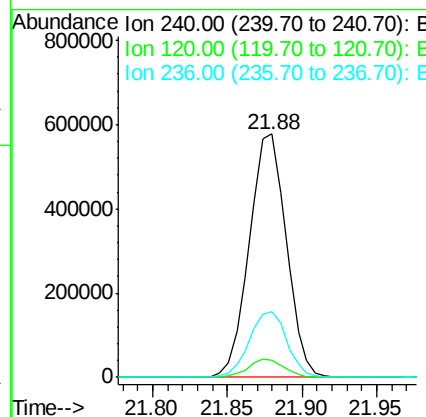
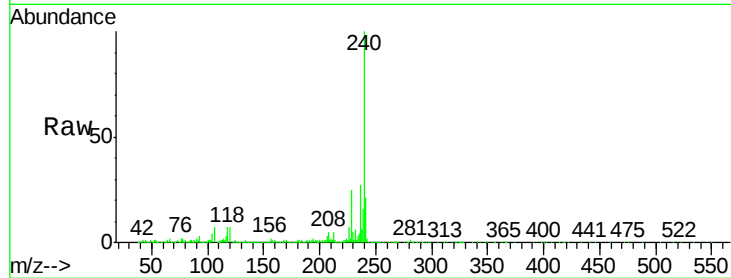
PB92224BSD

Tot Ion:	240	Resp:	988991
Ion Ratio	Lower	Upper	
240	100		
120	6.9	4.1	6.1#
236	26.9	21.1	31.7

Manual Integrations

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#76

Benzidine

Concen: 40.48 ng

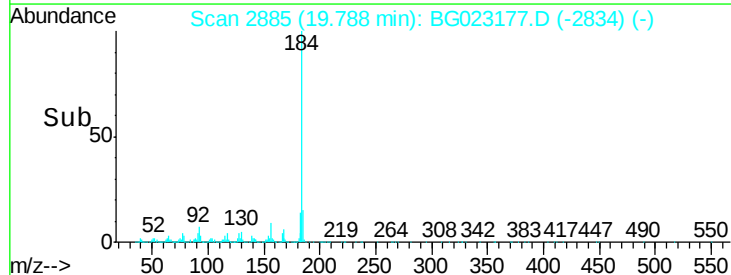
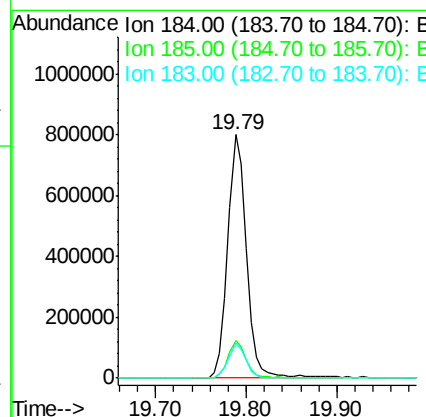
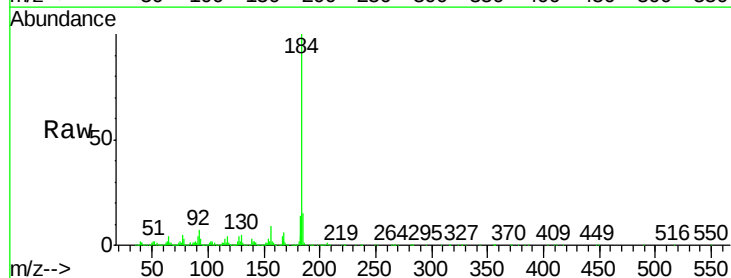
RT: 19.79 min Scan# 2885

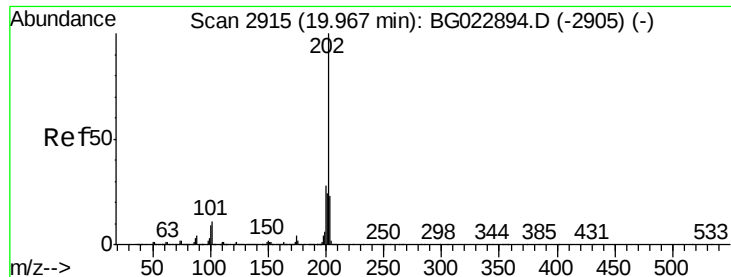
Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tgt Ion:	184	Resp:	1147797
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	19.0
183	14.3	10.7	16.1





#77

Pvrene

Concen: 40.90 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

PB92224BSD

Tot Ion:202 Resp: 2272809

Ion Ratio Lower Upper

202 100

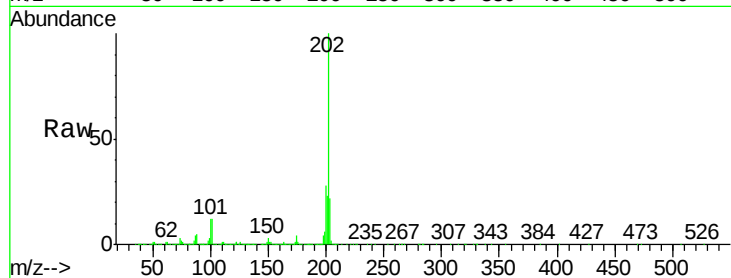
200 27.6 21.2 31.8

203 22.5 16.8 25.2

Manual Integrations

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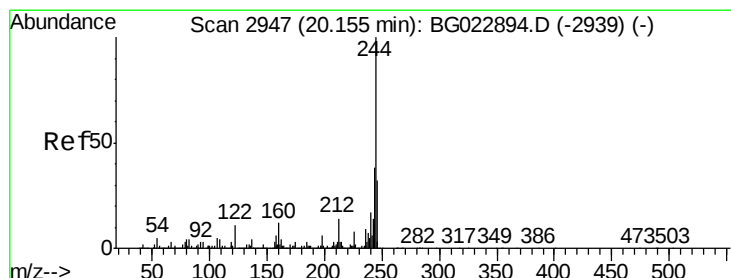
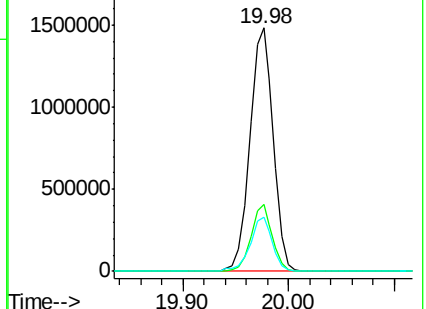
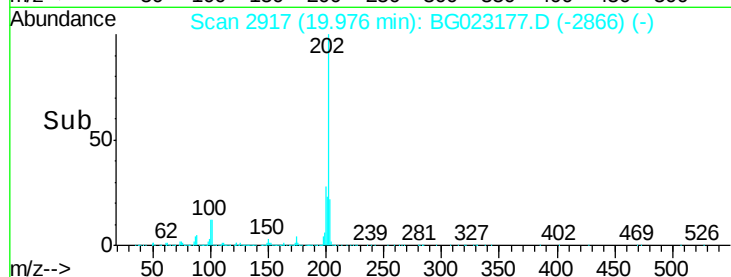
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.56 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

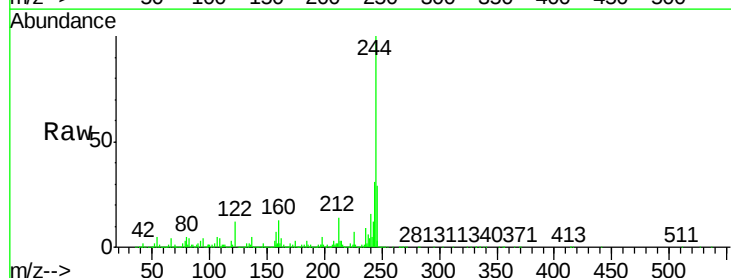
Tgt Ion:244 Resp: 2736373

Ion Ratio Lower Upper

244 100

212 14.2 10.8 16.2

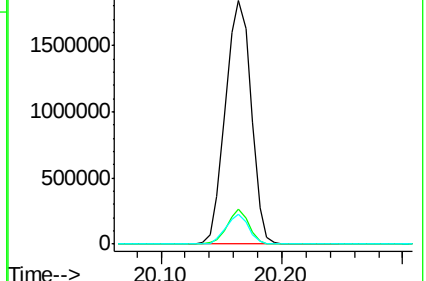
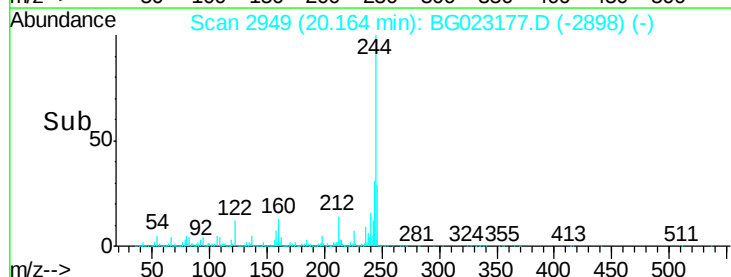
122 12.4 8.0 12.0#

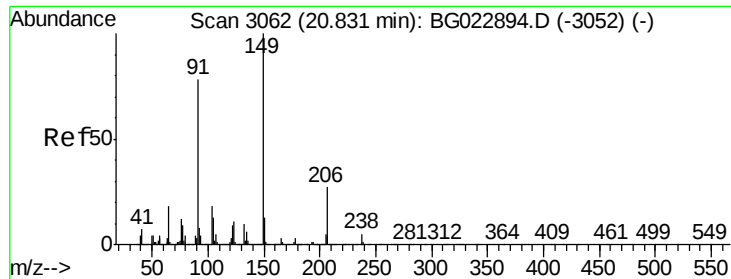


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





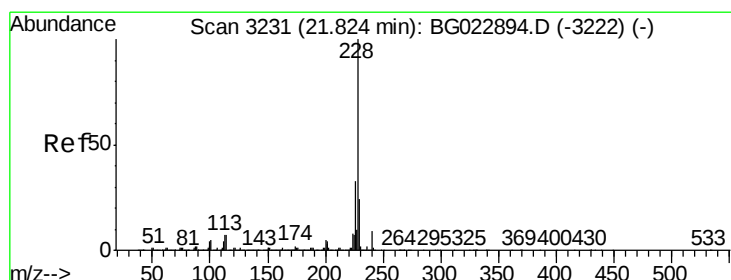
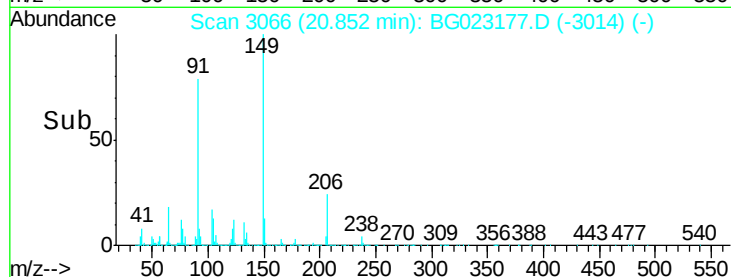
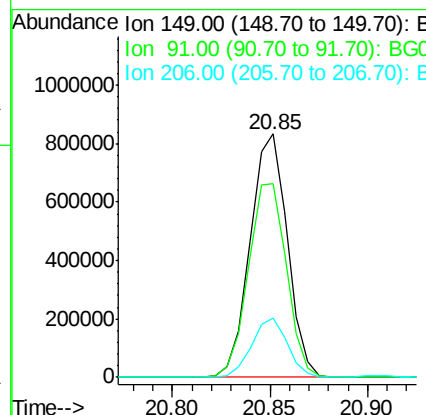
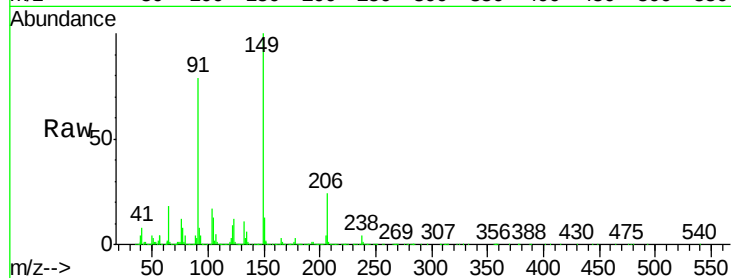
#79
Butylbenzylphthalate
Concen: 49.81 ng
RT: 20.85 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion:149 Resp: 1096580
Ion Ratio Lower Upper
149 100
91 79.4 68.1 102.1
206 24.4 19.8 29.6

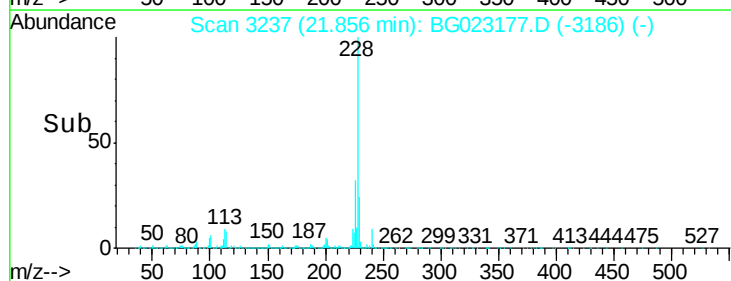
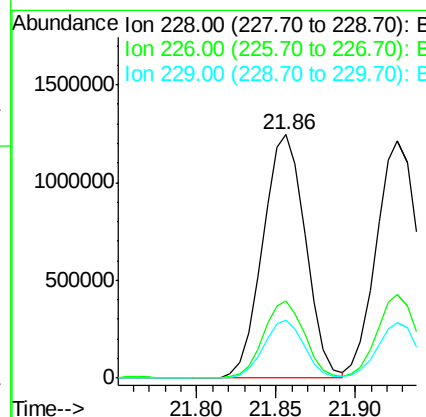
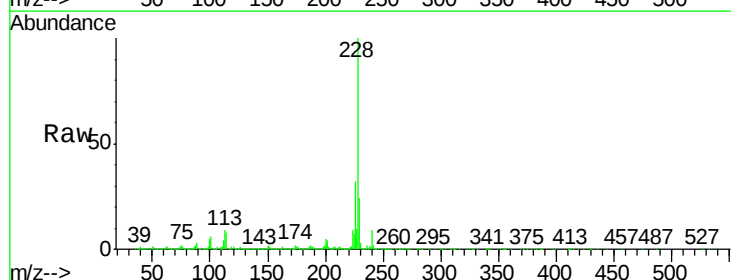
Manual Integrations

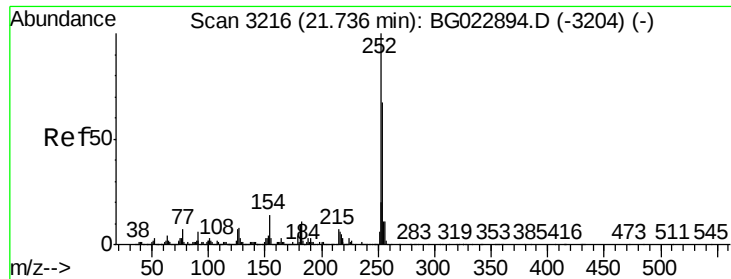
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#80
Benzo(a)anthracene
Concen: 42.14 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion:228 Resp: 2331542
Ion Ratio Lower Upper
228 100
226 31.8 25.3 37.9
229 23.9 19.9 29.9





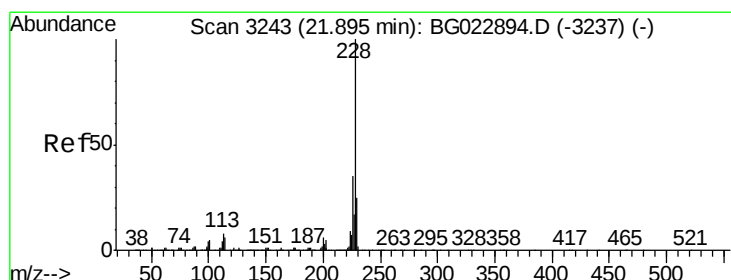
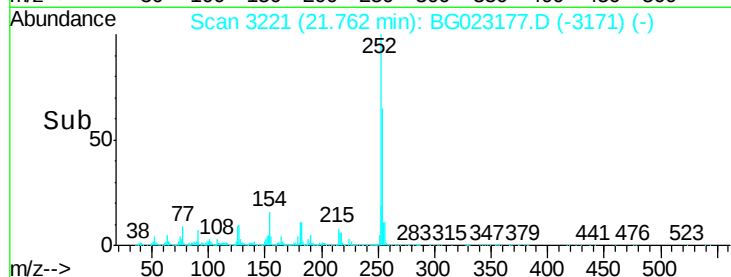
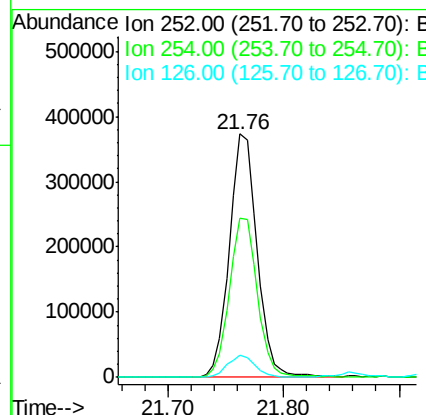
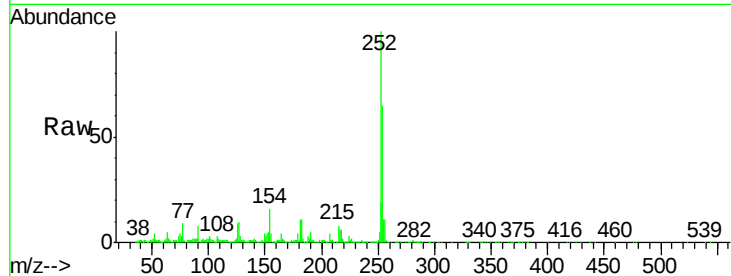
#81
 3,3'-Dichlorobenzidine
 Concen: 25.66 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	9.3	5.3	7.9

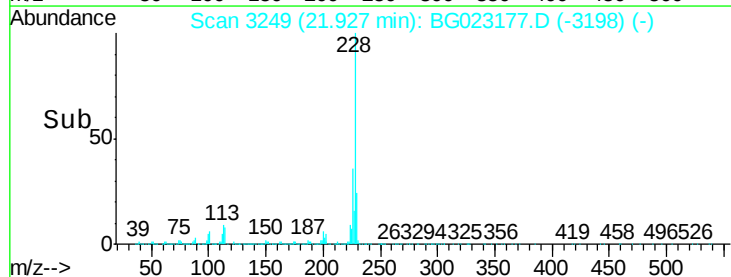
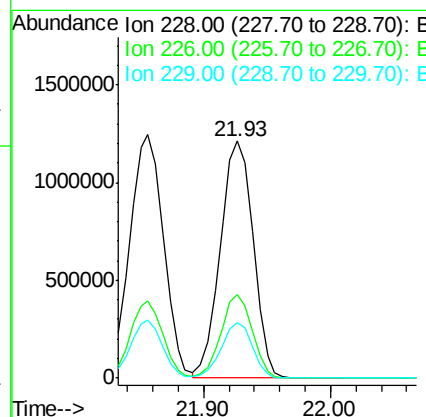
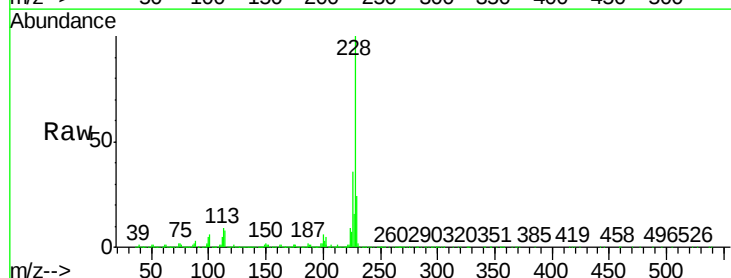
Manual Integrations

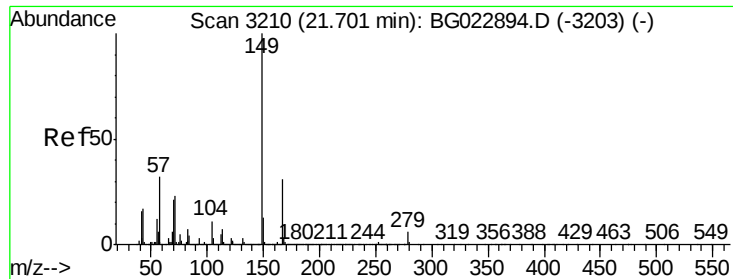
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#82
 Chrysene
 Concen: 41.93 ng
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	26.7	40.1
229	23.7	17.4	26.2





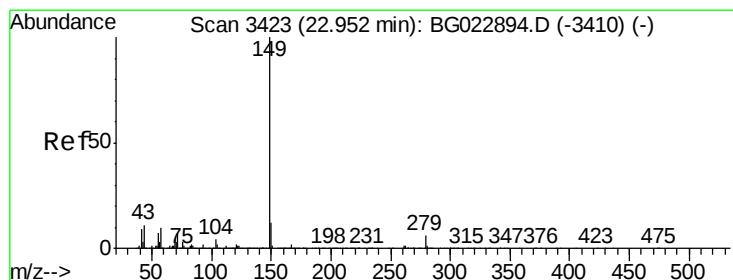
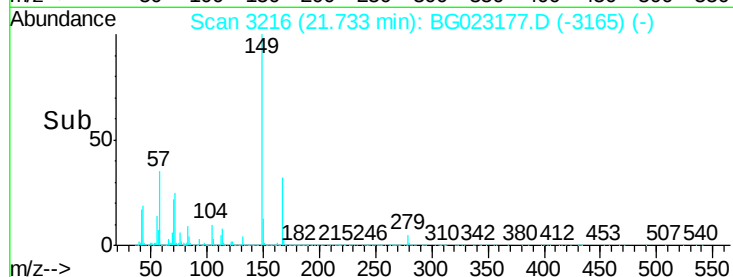
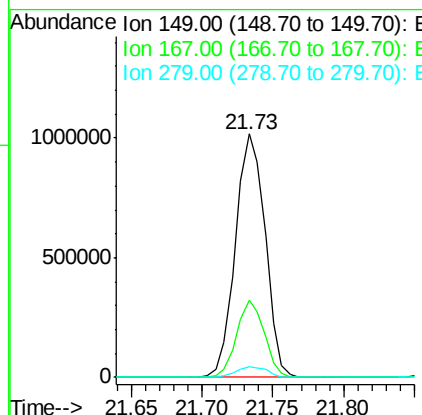
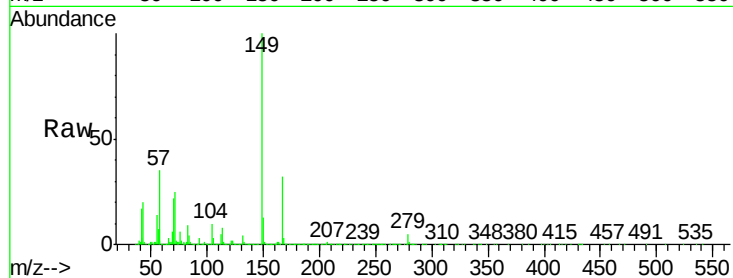
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.78 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.5	24.0	36.0
279	4.6	4.8	7.2

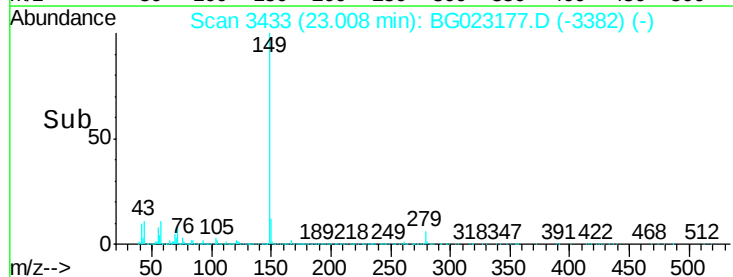
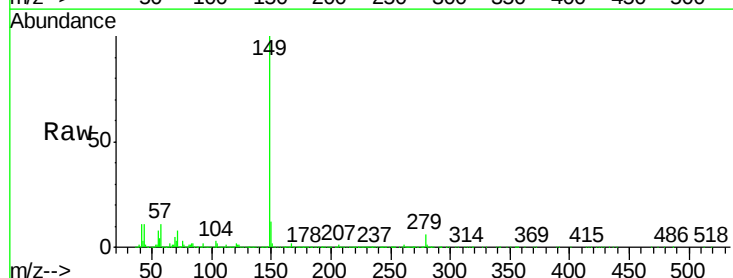
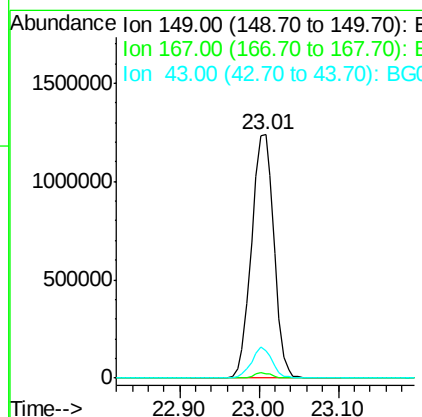
Manual Integrations

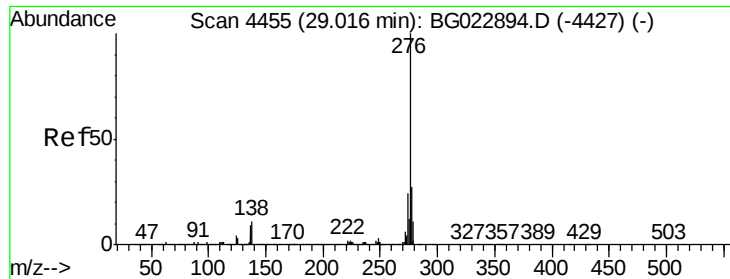
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#84
 Di-n-octyl phthalate
 Concen: 47.77 ng
 RT: 23.01 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	11.3	8.8	13.2





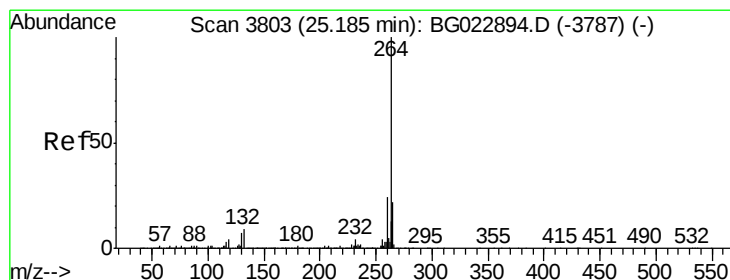
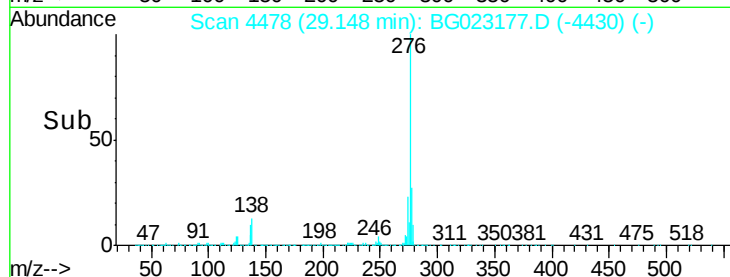
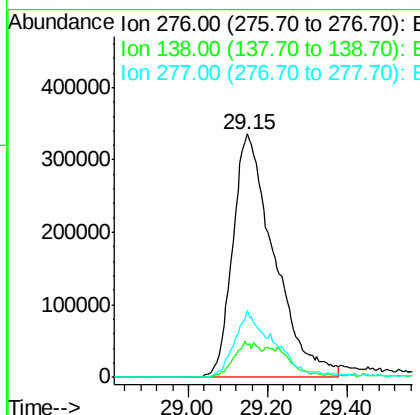
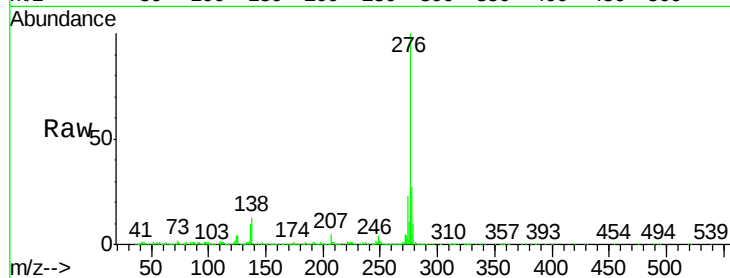
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.80 ng
RT: 29.15 min Scan# 4478
Delta R.T. -0.02 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion:276 Resp: 2435693
Ion Ratio Lower Upper
276 100
138 6.3 0.0 0.0#
277 25.6 0.0 0.0#

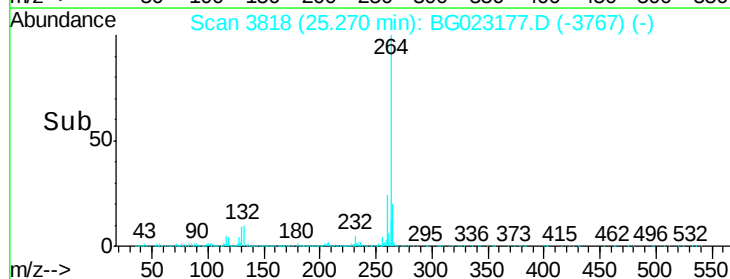
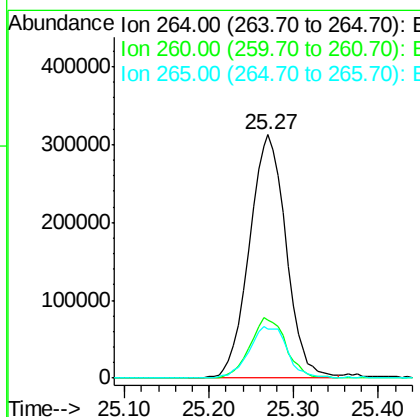
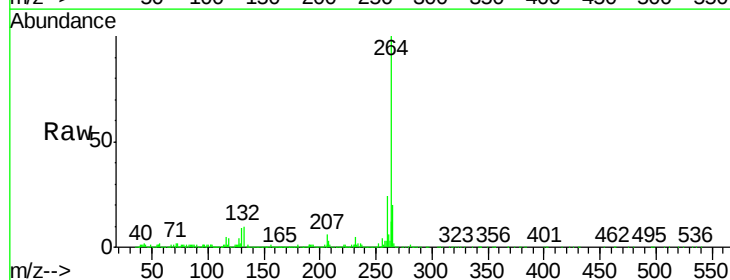
Manual Integrations

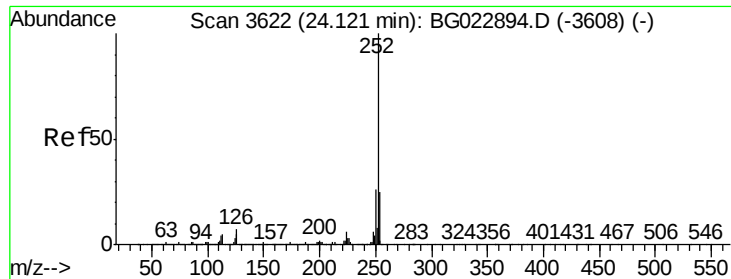
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3818
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion:264 Resp: 947347
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 20.0 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 43.80 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Instrument :

BNA_G

ClientSampleId :

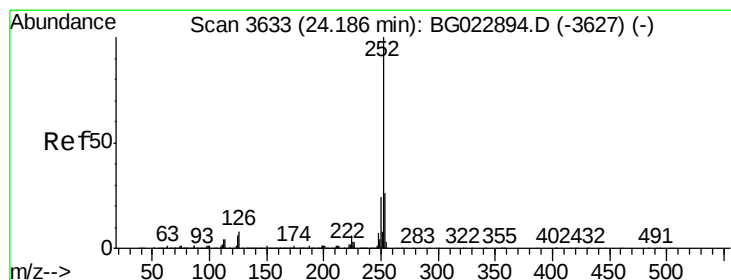
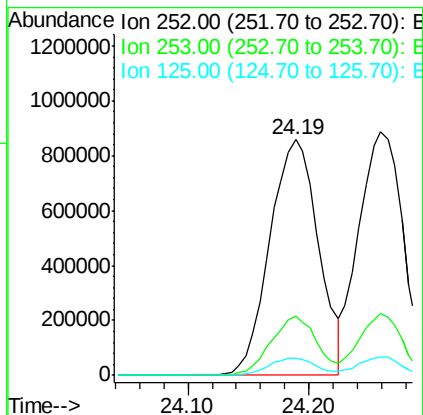
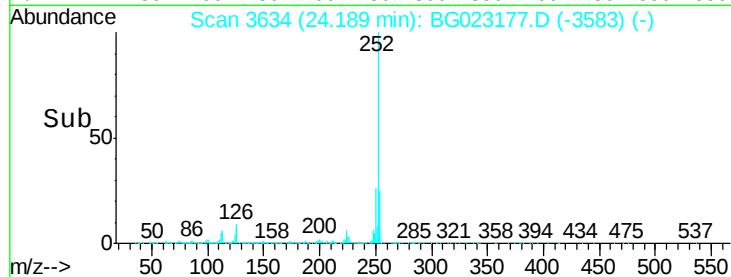
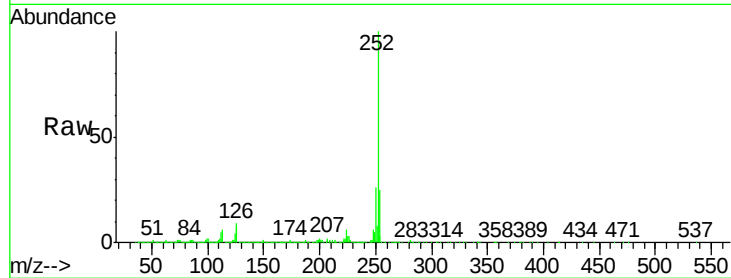
PB92224BSD

Tot Ion:	252	Resp:	2394092
Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.9	28.3
125	7.5	3.9	5.9#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 43.50 ng

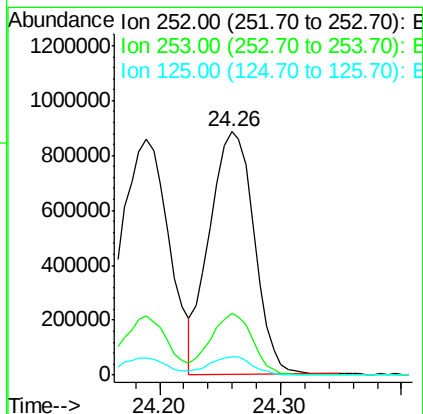
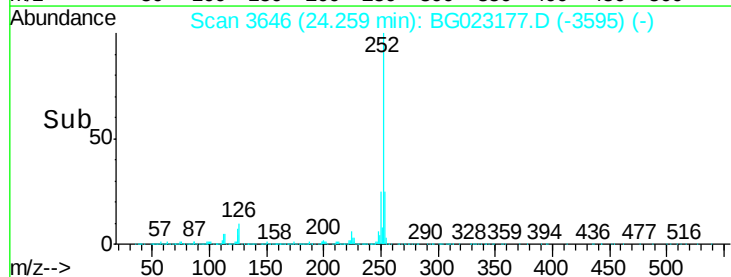
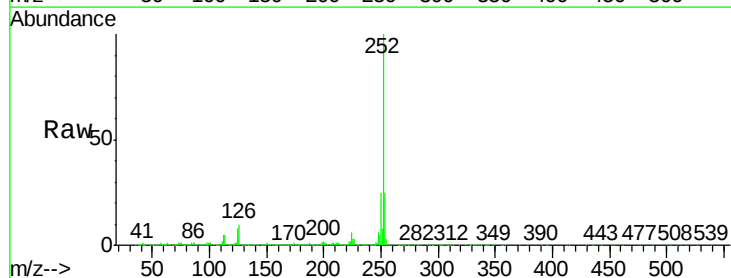
RT: 24.26 min Scan# 3646

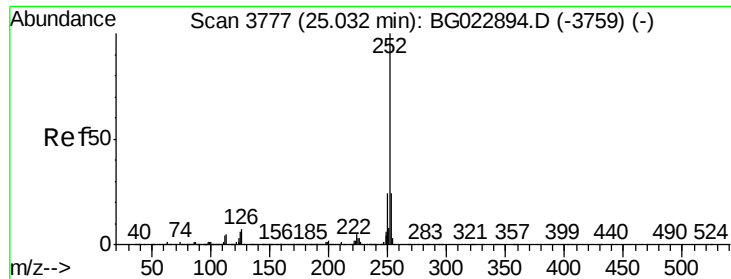
Delta R.T. -0.00 min

Lab File: BG023177.D

Acq: 19 Jul 2016 15:27

Tgt Ion:	252	Resp:	2256073
Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.8	28.2
125	7.5	3.2	4.8#





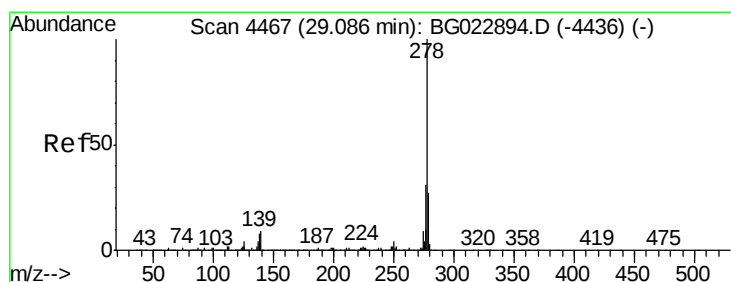
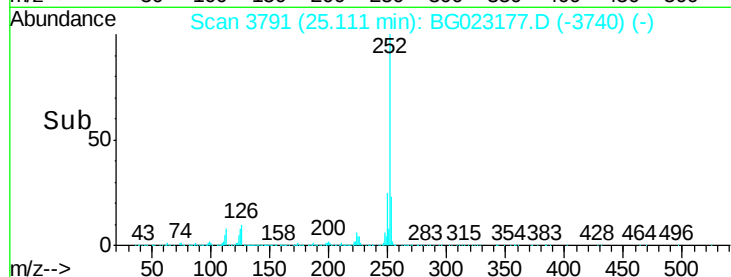
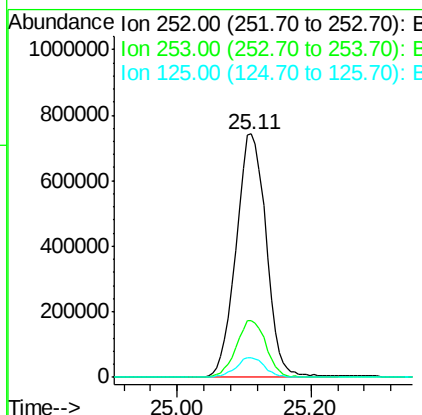
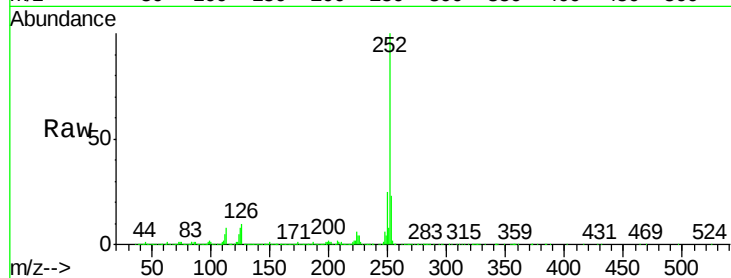
#89
Benzo(a)pyrene
Concen: 44.31 ng
RT: 25.11 min Scan# 3791
Delta R.T. -0.00 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Instrument :
BNA_G
ClientSampleId :
PB92224BSD

Tot Ion:252 Resp: 2321690
Ion Ratio Lower Upper
252 100
253 23.5 18.7 28.1
125 7.8 3.9 5.9#

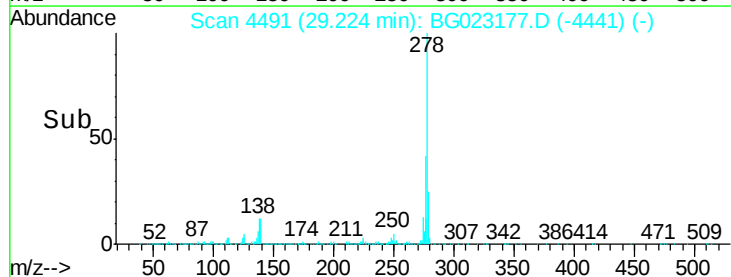
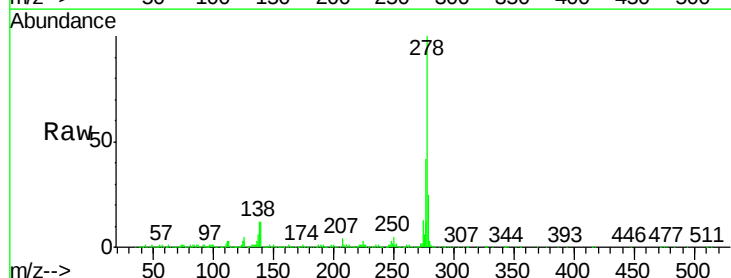
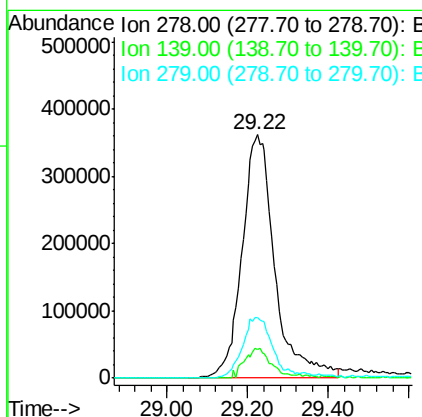
Manual Integrations

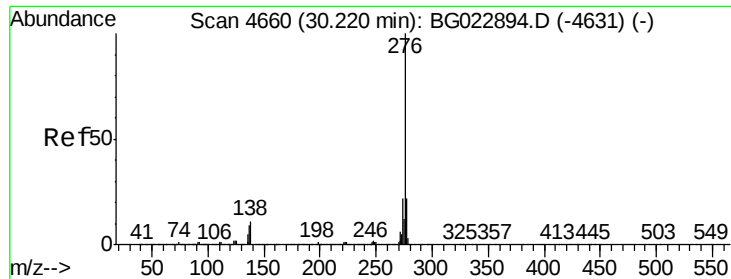
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#90
Dibenzo(a,h)anthracene
Concen: 39.51 ng
RT: 29.22 min Scan# 4491
Delta R.T. -0.01 min
Lab File: BG023177.D
Acq: 19 Jul 2016 15:27

Tgt Ion:278 Resp: 2054625
Ion Ratio Lower Upper
278 100
139 11.8 4.7 7.1#
279 25.0 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 36.09 ng
 RT: 30.38 min Scan# 4687
 Delta R.T. -0.01 min
 Lab File: BG023177.D
 Acq: 19 Jul 2016 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB92224BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	27.8
138	16.2	6.8	10.2

Manual Integrations

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