

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023280.D
 Acq On : 27 Jul 2016 13:03
 Operator : UM/SJ
 Sample : PB92399BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Manual Integrations

sohil
 7/28/2016 4:58:06 PM

Quant Time: Jul 28 02:08:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	191349	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	832973	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	553574	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1292702	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1290122	20.00	ng	0.00
86) Perylene-d12	25.30	264	1319419	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	956587	85.34	ng	0.00
7) Phenol-d6	7.29	99	1365398	79.35	ng	0.00
23) Nitrobenzene-d5	9.31	82	1289072	75.68	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	498336	86.98	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2473894	83.64	ng	0.00
78) Terphenyl-d14	20.18	244	3122343	78.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	157080	32.68	ng	# 91
3) Pyridine	3.93	79	520033	30.91	ng	# 93
4) n-Nitrosodimethylamine	3.85	42	217932	28.67	ng	# 67
6) Aniline	7.45	93	811197	35.29	ng	97
8) 2-Chlorophenol	7.70	128	523190	41.84	ng	96
9) Benzaldehyde	7.26	77	106340	8.60	ng	92
10) Phenol	7.32	94	776856	42.78	ng	# 77
11) bis(2-Chloroethyl)ether	7.55	93	549387	35.60	ng	88
12) 1,3-Dichlorobenzene	8.02	146	541349	38.41	ng	# 91
13) 1,4-Dichlorobenzene	8.17	146	551131	38.33	ng	92
14) 1,2-Dichlorobenzene	8.49	146	532914	38.43	ng	94
15) Benzyl Alcohol	8.37	79	547807	47.30	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	786560	32.03	ng	89
17) 2-Methylphenol	8.58	107	512817	41.32	ng	# 86
18) Hexachloroethane	9.23	117	206944	34.55	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	495256	32.00	ng	99
20) 3+4-Methylphenols	8.91	107	715670	42.41	ng	89
22) Acetophenone	8.97	105	836679	38.47	ng	# 89
24) Nitrobenzene	9.35	77	716247	36.21	ng	# 85
25) Isophorone	9.88	82	1309148	37.21	ng	# 92
26) 2-Nitrophenol	10.08	139	299855	40.14	ng	# 69
27) 2,4-Dimethylphenol	10.13	122	549099	43.60	ng	# 82
28) bis(2-Chloroethoxy)methane	10.37	93	796429	40.35	ng	100
29) 2,4-Dichlorophenol	10.62	162	548067	44.95	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	541944	40.22	ng	99
31) Naphthalene	11.02	128	1580319	40.83	ng	96
32) Benzoic acid	10.27	122	322337	34.24	ng	# 86
33) 4-Chloroaniline	11.13	127	576180	32.22	ng	93
34) Hexachlorobutadiene	11.31	225	325538	36.87	ng	94
35) Caprolactam	11.91	113	217825m	42.02	ng	
36) 4-Chloro-3-methylphenol	12.26	107	638384	39.86	ng	92
37) 2-Methylnaphthalene	12.63	142	1178214m	41.06	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	599971	33.48	ng	97
40) Hexachlorocyclopentadiene	12.97	237	773259	91.05	ng	97

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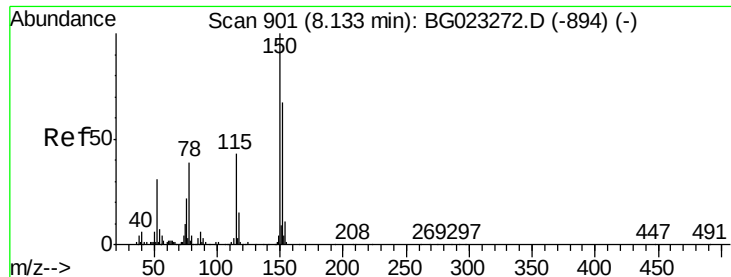
Manual Integrations

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	453672	43.10	nq	99
43) 2,4,5-Trichlorophenol	13.31	196	482578	43.21	nq	92
45) 1,1'-Biphenyl	13.64	154	1562661	40.47	nq	92
46) 2-Chloronaphthalene	13.68	162	1249515	40.39	nq	95
47) 2-Nitroaniline	13.89	65	502775	38.42	nq	# 84
48) Acenaphthylene	14.53	152	1964486	41.48	nq	95
49) Dimethylphthalate	14.25	163	1612348	39.47	nq	97
50) 2,6-Dinitrotoluene	14.38	165	387006	40.46	nq	# 79
51) Acenaphthene	14.87	154	1249761	40.68	nq	97
52) 3-Nitroaniline	14.72	138	382861	39.74	nq	# 79
53) 2,4-Dinitrophenol	14.92	184	475890	84.96	nq	# 85
54) Dibenzofuran	15.21	168	1910876	43.95	nq	95
55) 4-Nitrophenol	15.03	139	709380	84.88	nq	# 73
56) 2,4-Dinitrotoluene	15.17	165	558559	41.47	nq	92
57) Fluorene	15.86	166	1588699	41.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	446920	47.27	nq	92
59) Diethylphthalate	15.62	149	1660425	39.68	nq	96
60) 4-Chlorophenyl-phenylether	15.85	204	813723	39.16	nq	99
61) 4-Nitroaniline	15.89	138	448333	44.38	nq	# 60
62) Azobenzene	16.15	77	1854051	42.74	nq	89
64) 4,6-Dinitro-2-methylphenol	15.94	198	337986	40.71	nq	92
65) n-Nitrosodiphenylamine	16.06	169	1466201	42.48	nq	93
66) 4-Bromophenyl-phenylether	16.75	248	553967	42.38	nq	95
67) Hexachlorobenzene	16.87	284	565543	43.03	nq	98
68) Atrazine	17.02	200	560940	42.37	nq	96
69) Pentachlorophenol	17.22	266	704924	86.91	nq	98
70) Phenanthrene	17.61	178	2485740	43.96	nq	93
71) Anthracene	17.71	178	2547666	44.59	nq	93
72) Carbazole	17.98	167	2382465	45.53	nq	95
73) Di-n-butylphthalate	18.52	149	2596415	44.47	nq	97
74) Fluoranthene	19.62	202	2794194	43.30	nq	90
76) Benzidine	19.81	184	2353692	64.87	nq	94
77) Pyrene	19.99	202	2808827	38.36	nq	93
79) Butylbenzylphthalate	20.87	149	1317125	40.89	nq	97
80) Benzo(a)anthracene	21.87	228	2756478	40.81	nq	97
81) 3,3'-Dichlorobenzidine	21.79	252	898824	32.82	nq	# 94
82) Chrysene	21.94	228	2622965	40.19	nq	93
83) Bis(2-ethylhexyl)phthalate	21.76	149	1807753	40.11	nq	96
84) Di-n-octyl phthalate	23.03	149	2987679	40.52	nq	99
85) Indeno(1,2,3-cd)pyrene	29.20	276	3532583	46.41	nq	# 100
87) Benzo(b)fluoranthene	24.22	252	3014089	43.00	nq	# 95
88) Benzo(k)fluoranthene	24.29	252	2819341	40.24	nq	# 93
89) Benzo(a)pyrene	25.14	252	2890680	42.09	nq	# 93
90) Dibenzo(a,h)anthracene	29.27	278	2899914	44.63	nq	# 88
91) Benzo(g,h,i)perylene	30.43	276	2919940	42.69	nq	# 86

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:152 Resp: 191349

Ion Ratio Lower Upper

152 100

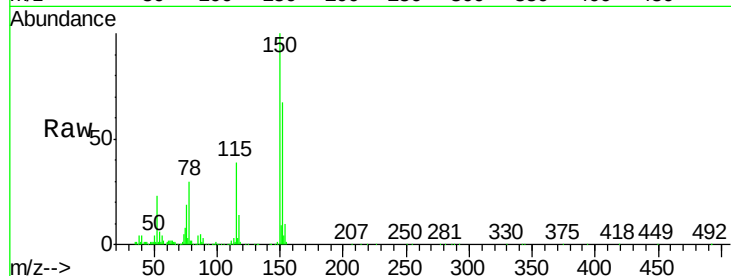
150 149.5 144.7 217.1

115 58.2 64.0 96.0#

Manual Integrations

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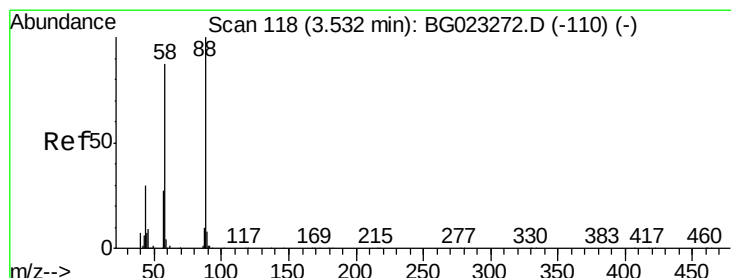
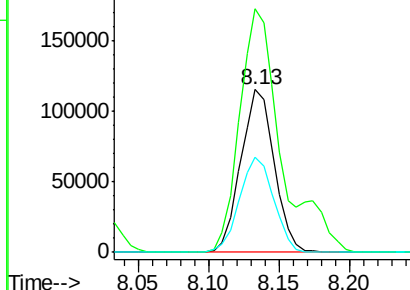
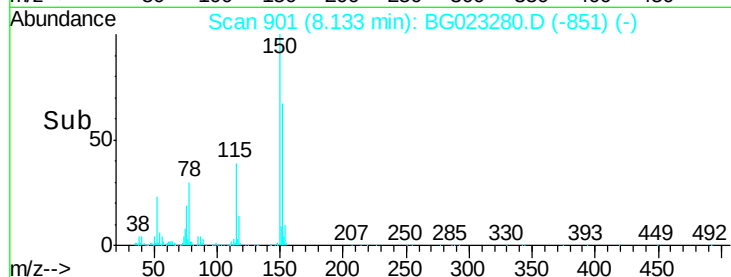
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.68 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

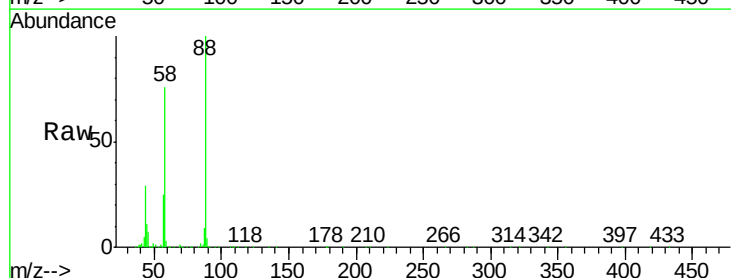
Tgt Ion: 88 Resp: 157080

Ion Ratio Lower Upper

88 100

58 79.2 60.4 90.6

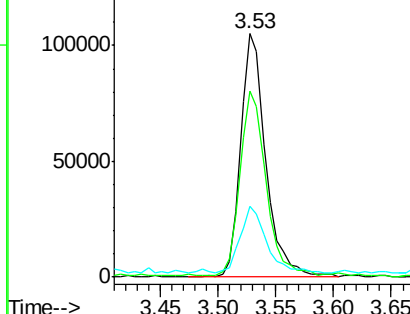
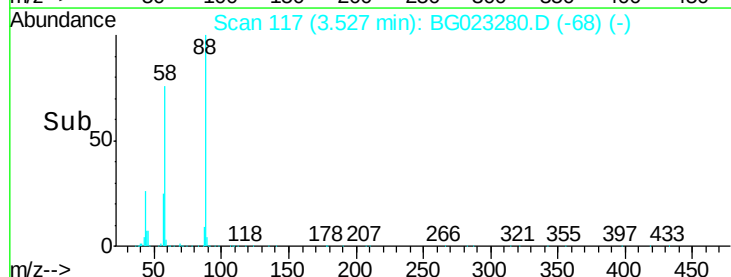
43 28.4 31.1 46.7#

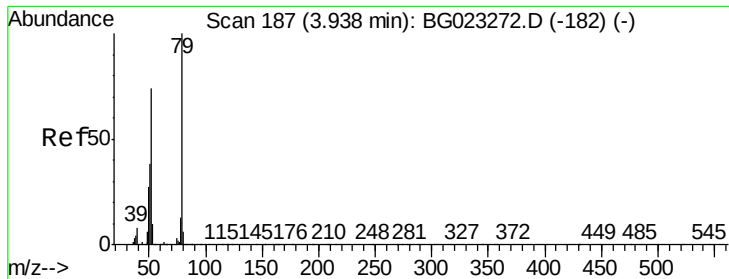


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.91 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.03 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

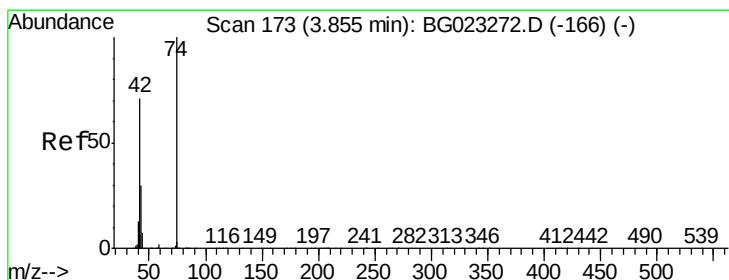
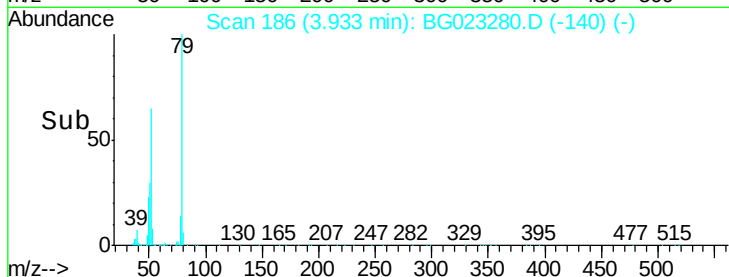
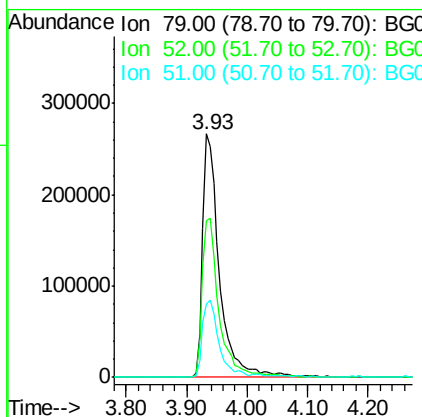
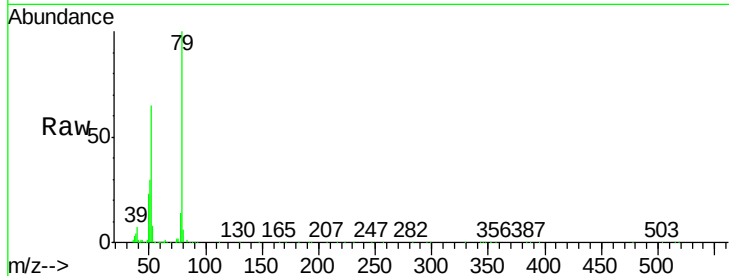
PB92399BS

Tot Ion:	79	Resp:	520033
Ion	Ratio	Lower	Upper
79	100		
52	64.5	51.8	77.8
51	30.0	32.7	49.1#

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 28.67 ng

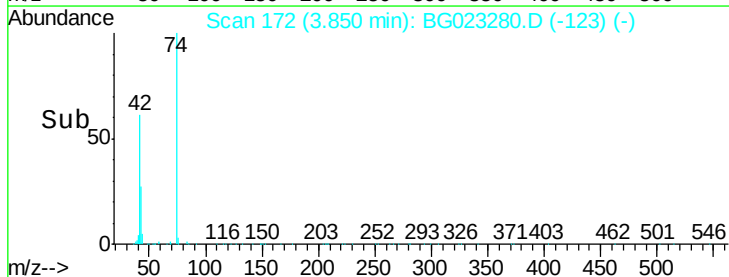
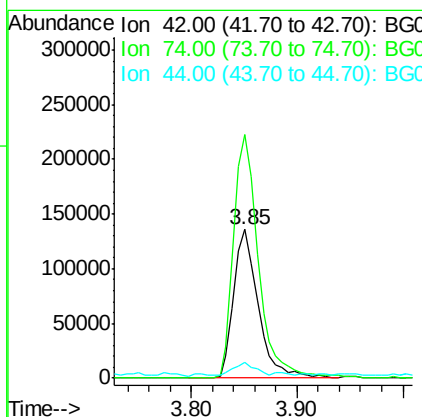
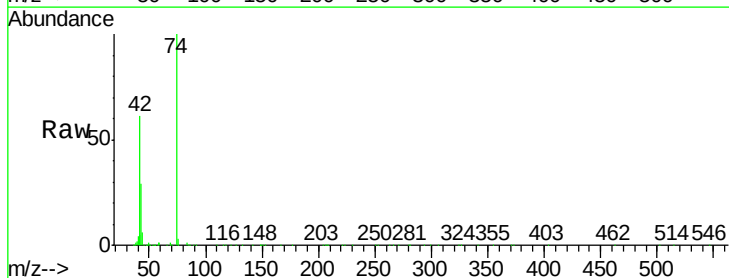
RT: 3.85 min Scan# 172

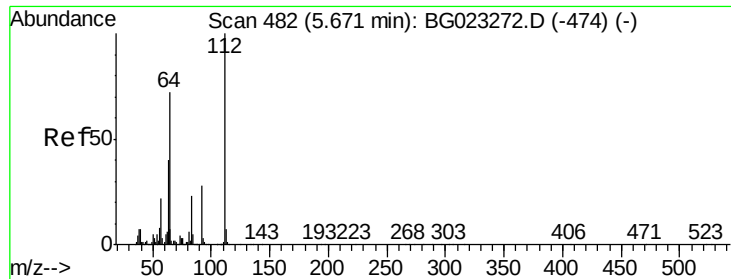
Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Tgt Ion:	42	Resp:	217932
Ion	Ratio	Lower	Upper
42	100		
74	164.0	100.6	150.8#
44	10.2	4.5	6.7#





#5

2-Fluorophenol

Concen: 85.34 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

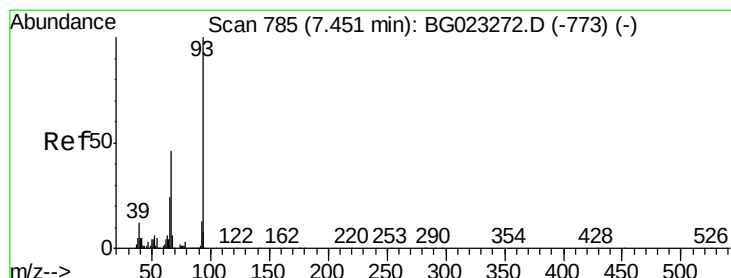
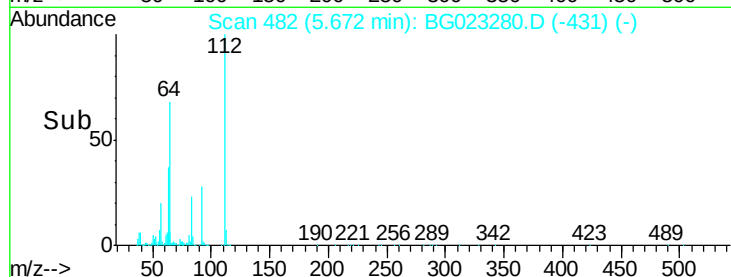
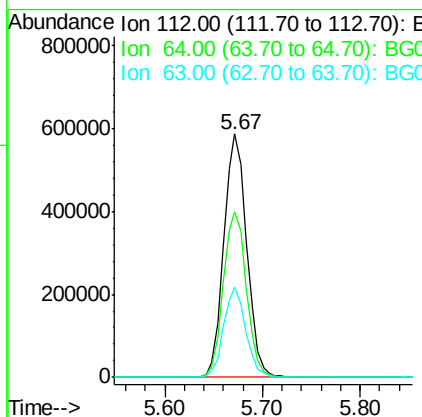
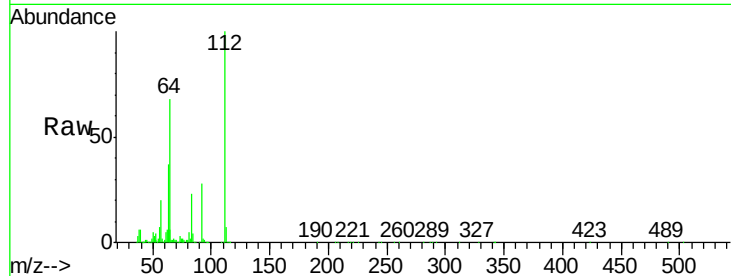
PB92399BS

Tot Ion:	112	Resp:	956587
Ion Ratio	Lower	Upper	
112	100		
64	67.8	59.0	88.4
63	37.0	37.8	56.8#

Manual Integrations

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#6

Aniline

Concen: 35.29 ng

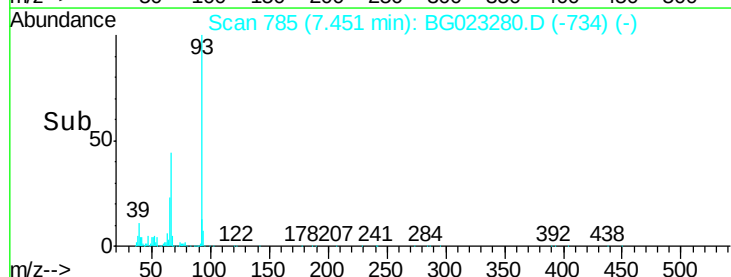
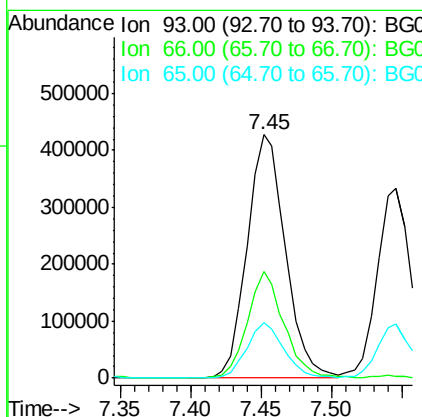
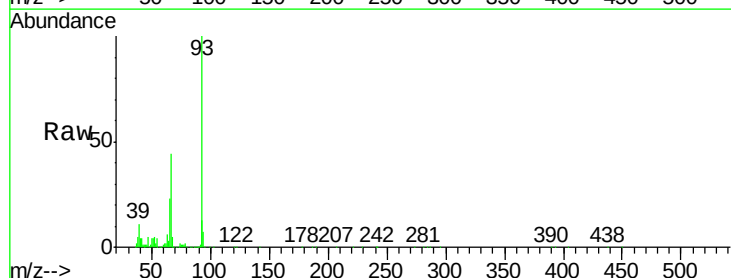
RT: 7.45 min Scan# 785

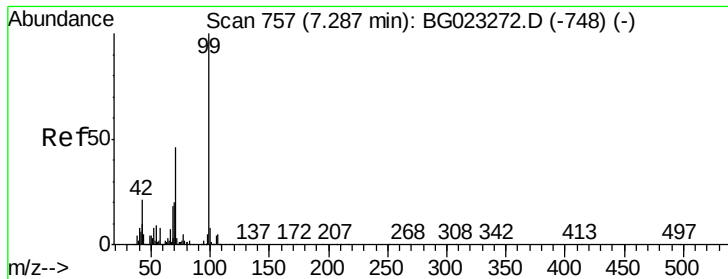
Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Tgt Ion:	93	Resp:	811197
Ion Ratio	Lower	Upper	
93	100		
66	43.9	37.5	56.3
65	22.8	17.9	26.9





#7

Phenol-d6

Concen: 79.35 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

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PB92399BS

Manual Integrations

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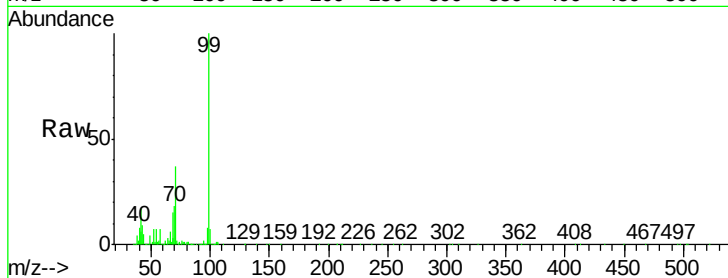
Tot Ion: 99 Resp: 1365398

Ion Ratio Lower Upper

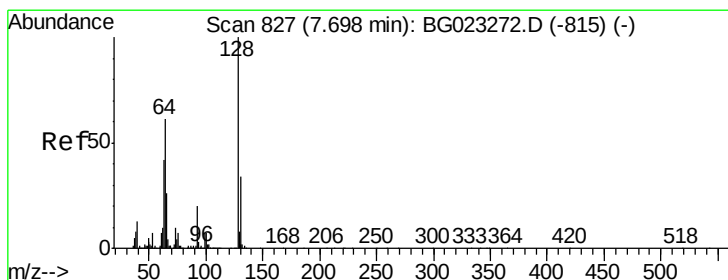
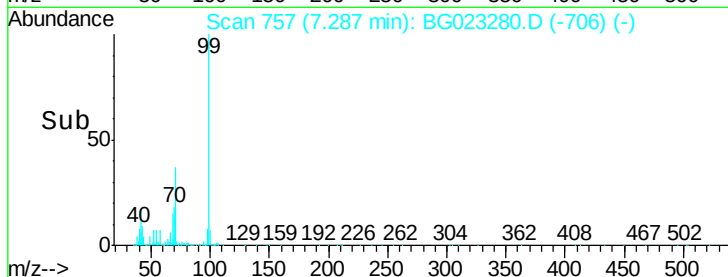
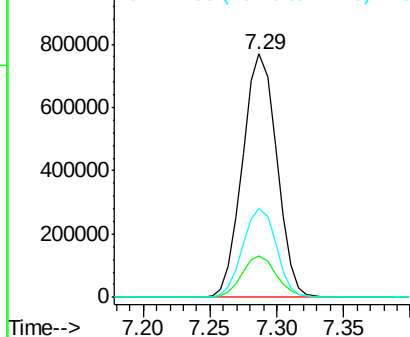
99 100

42 17.0 17.8 26.6#

71 36.7 41.5 62.3#



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: 41.84 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

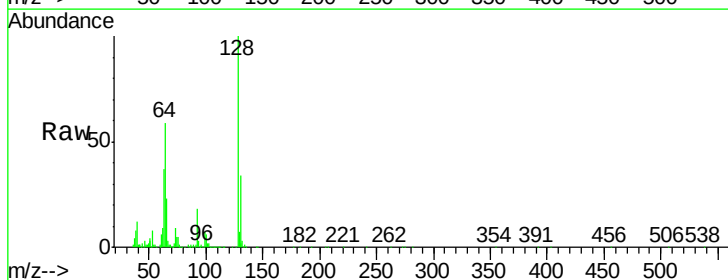
Tgt Ion: 128 Resp: 523190

Ion Ratio Lower Upper

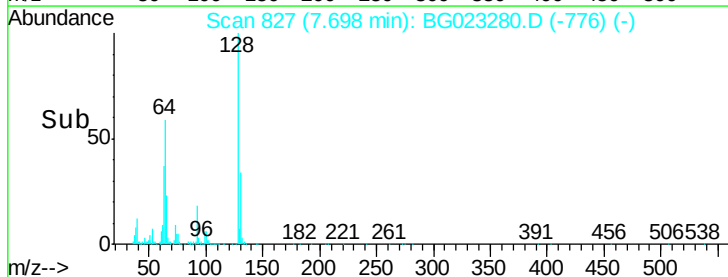
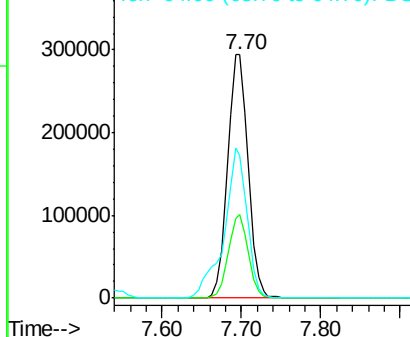
128 100

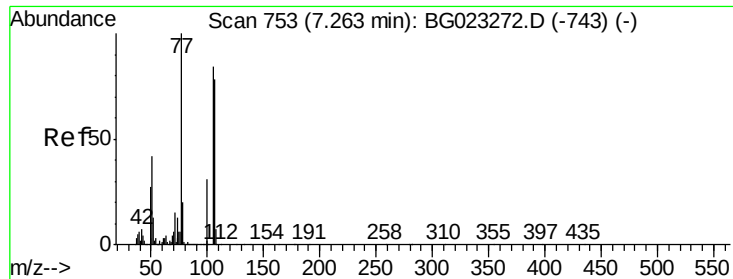
130 34.2 12.9 52.9

64 58.6 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: 8.60 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

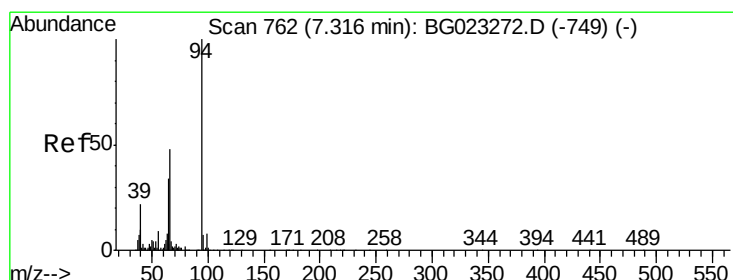
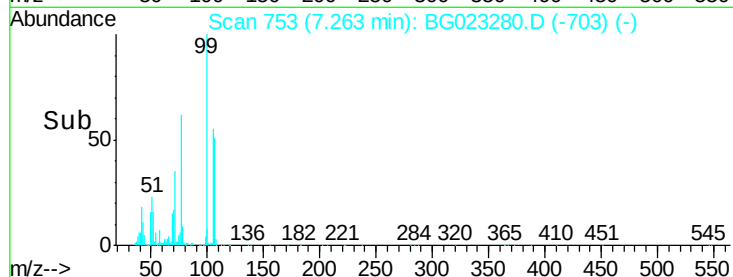
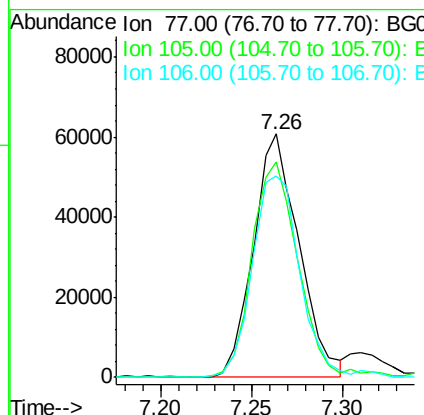
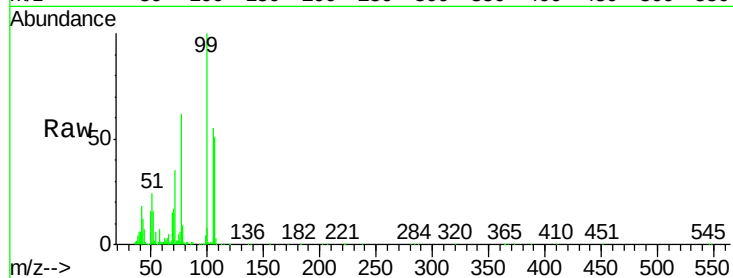
PB92399BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	88.4	58.7	98.7	
106	82.8	67.5	107.5	

Manual Integrations

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#10

Phenol

Concen: 42.78 ng

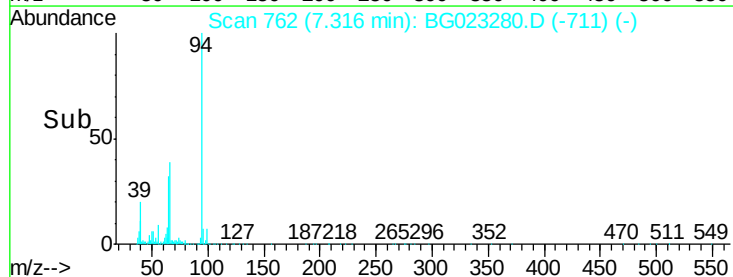
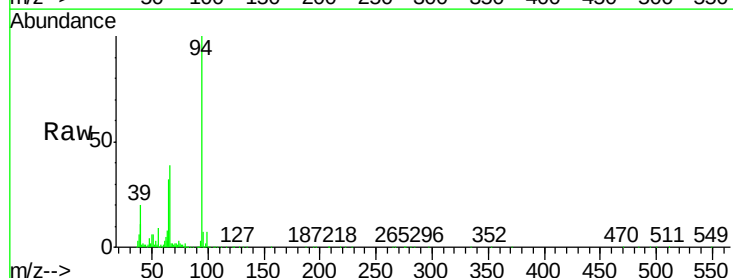
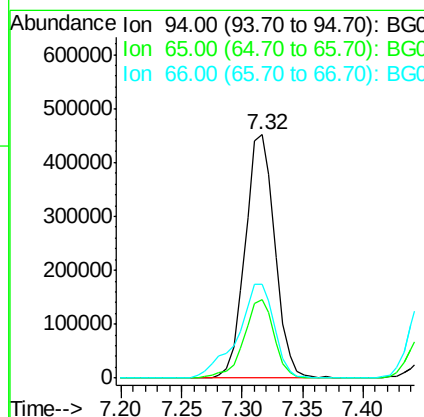
RT: 7.32 min Scan# 762

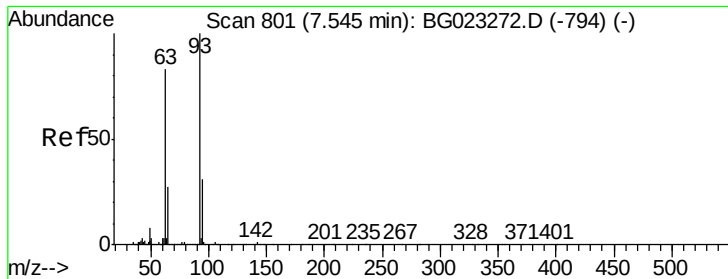
Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	32.3	18.1	58.1	
66	38.6	42.1	82.1	





#11

bis(2-Chloroethyl)ether

Concen: 35.60 ng

RT: 7.55 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampled :

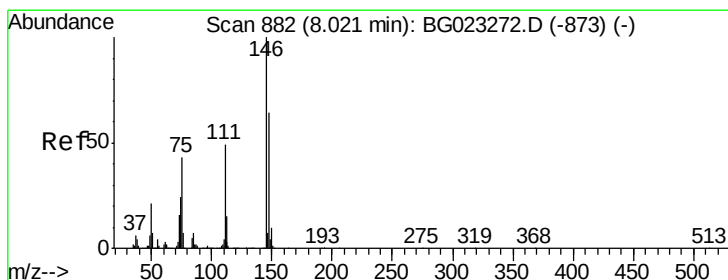
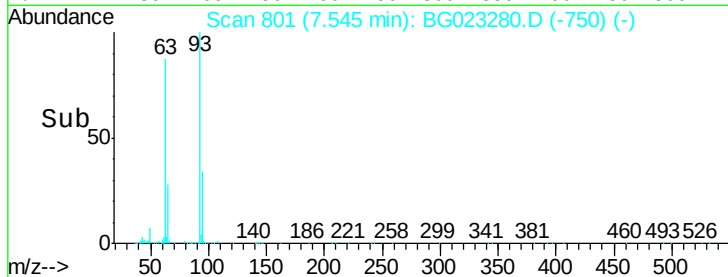
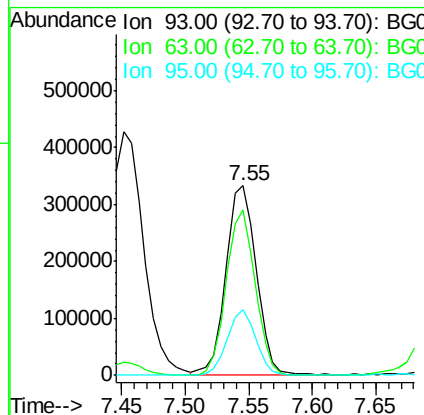
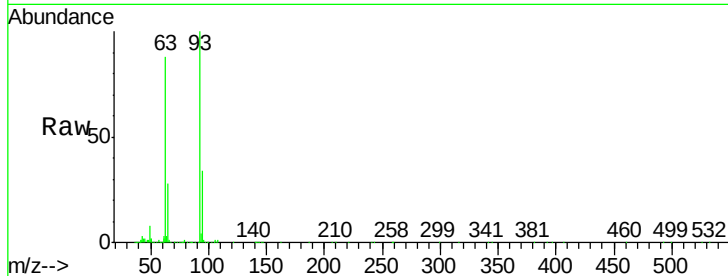
PB92399BS

Tot Ion:	93	Resp:	549387
Ion	Ratio	Lower	Upper
93	100		
63	87.5	55.0	95.0
95	34.3	11.0	51.0

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 38.41 ng

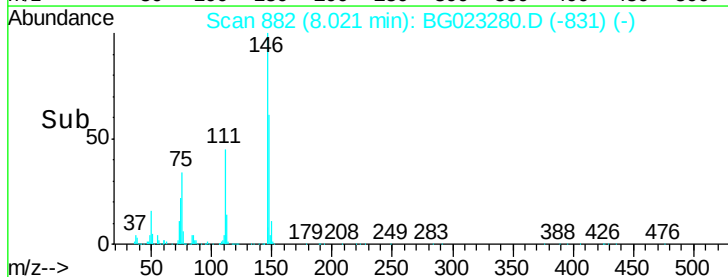
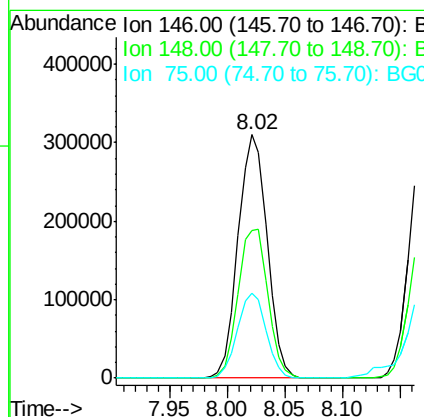
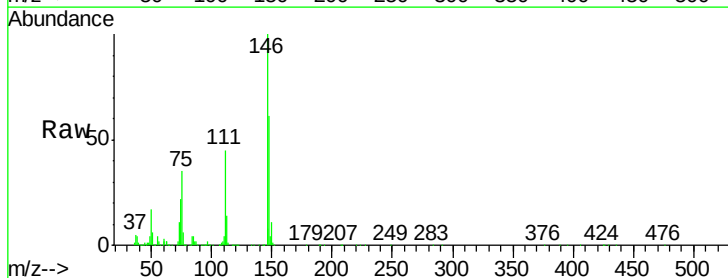
RT: 8.02 min Scan# 882

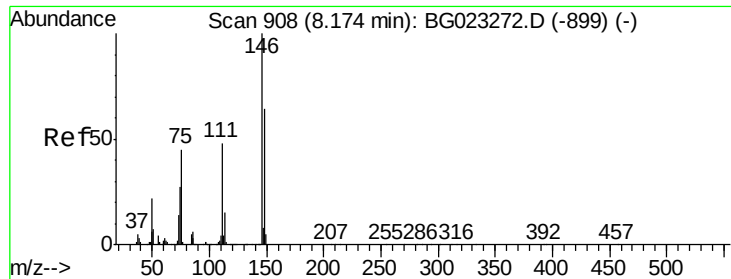
Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Tgt Ion:	146	Resp:	541349
Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.3	75.5
75	34.6	37.0	55.6#





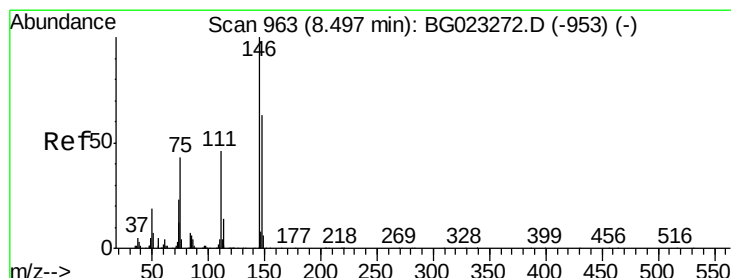
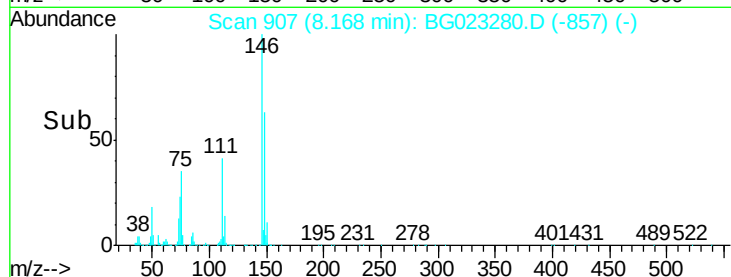
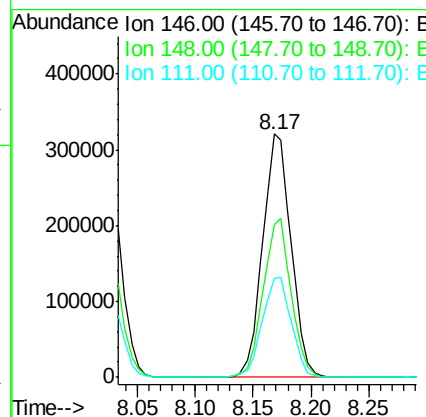
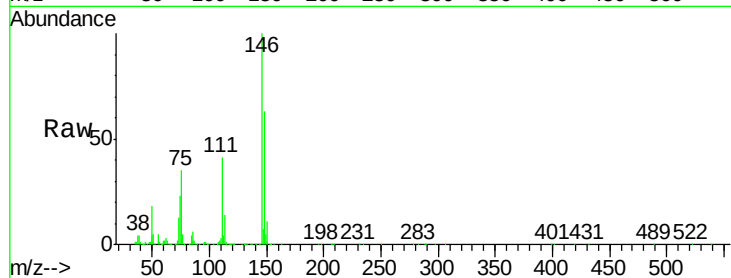
#13
1,4-Dichlorobenzene
Concen: 38.33 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	54.5	81.7
111	40.7	37.8	56.8

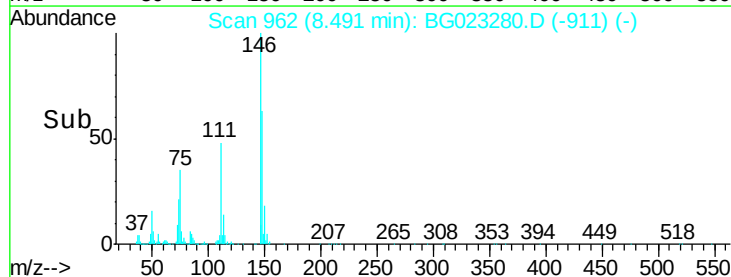
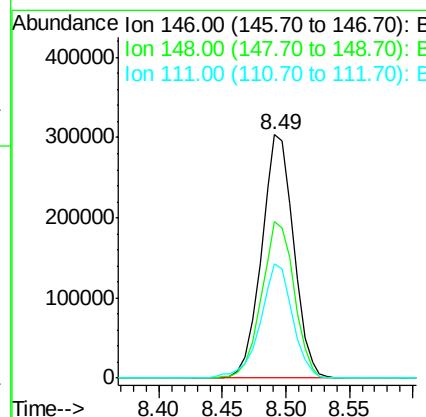
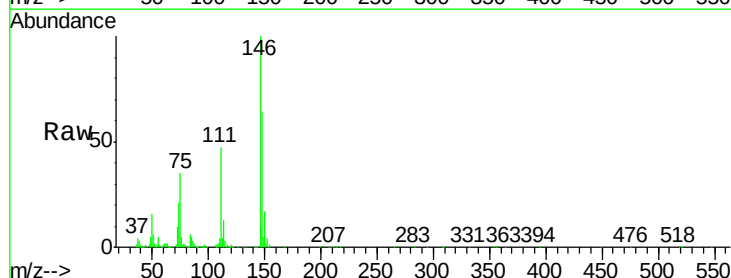
Manual Integrations

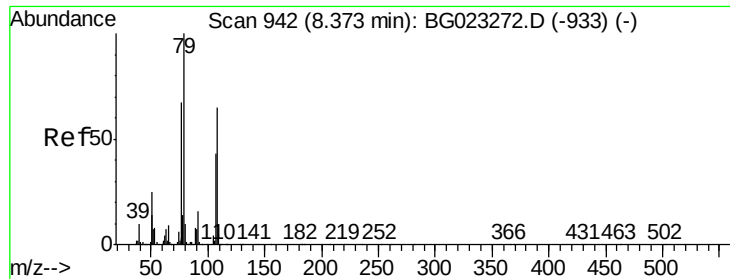
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#14
1,2-Dichlorobenzene
Concen: 38.43 ng
RT: 8.49 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.9	79.3
111	46.7	43.5	65.3





#15

Benzyl Alcohol

Concen: 47.30 ng

RT: 8.37 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion: 79 Resp: 547807

Ion Ratio Lower Upper

79 100

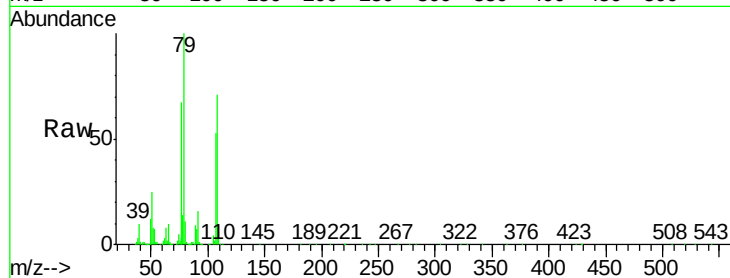
108 70.6 46.5 69.7#

77 67.5 52.3 78.5

Manual Integrations

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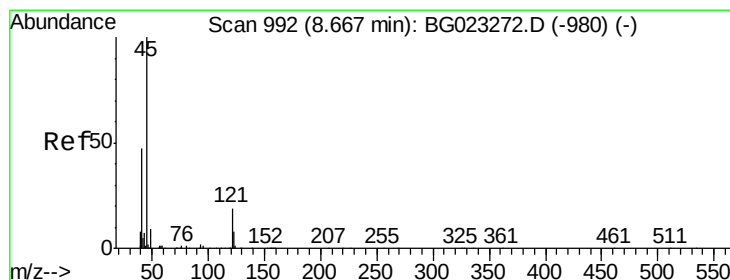
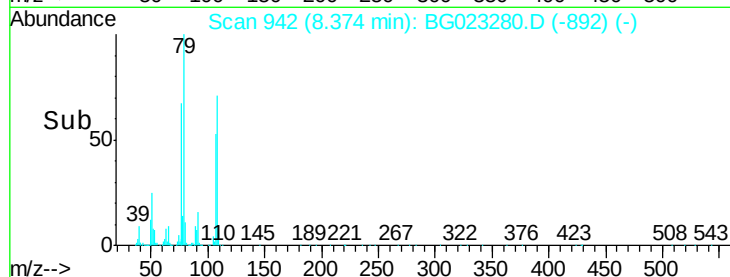
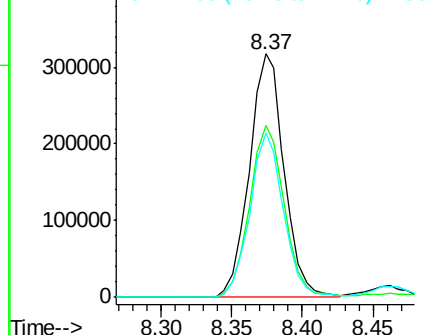
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Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.03 ng

RT: 8.67 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

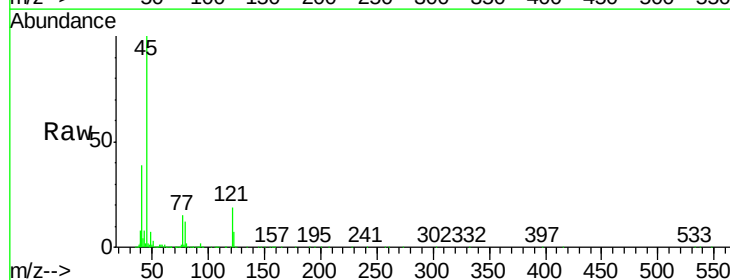
Tgt Ion: 45 Resp: 786560

Ion Ratio Lower Upper

45 100

77 15.0 0.6 40.6

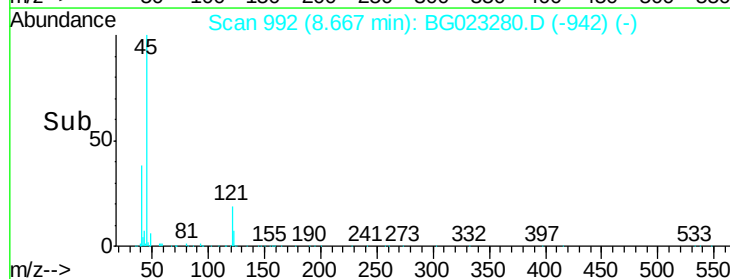
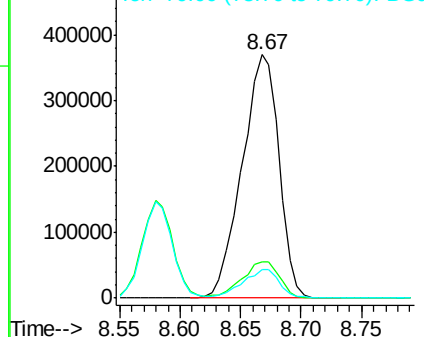
79 11.9 0.0 36.2

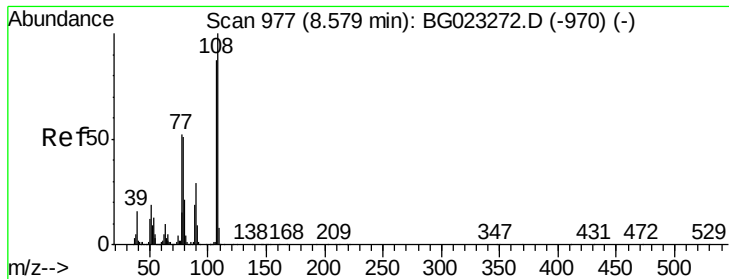


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.32 ng

RT: 8.58 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

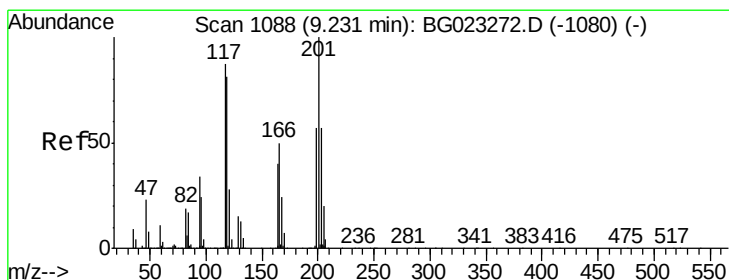
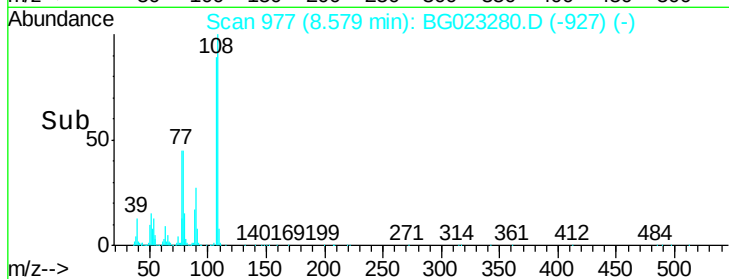
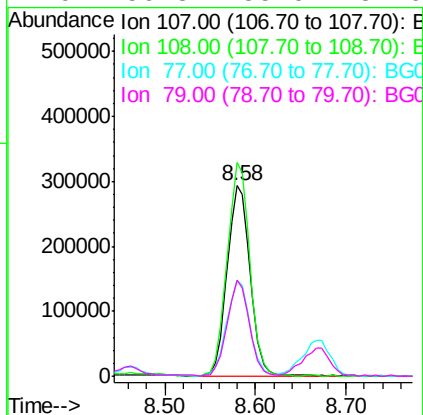
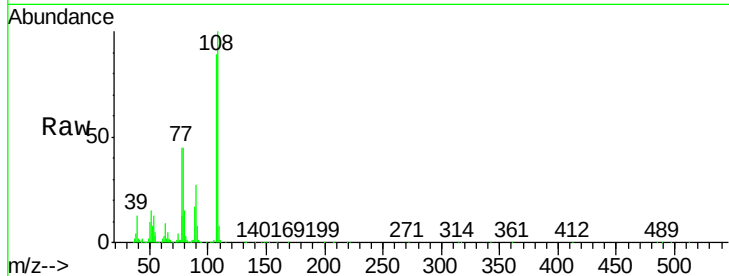
PB92399BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	92.0	138.0
77	50.3	55.8	83.6#
79	50.3	55.0	82.6#

Manual Integrations

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#18

Hexachloroethane

Concen: 34.55 ng

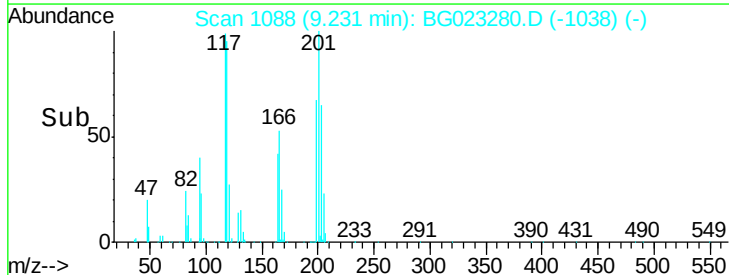
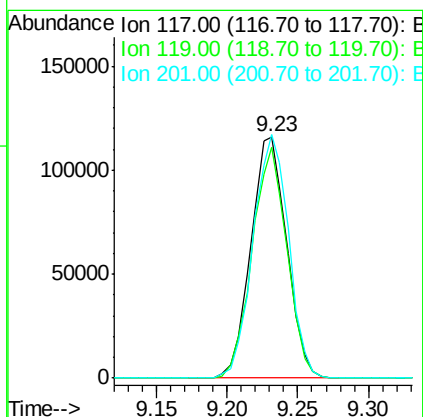
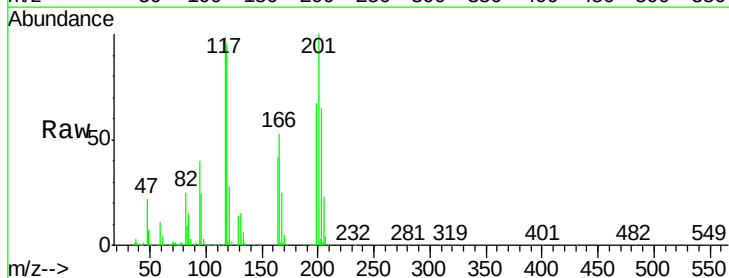
RT: 9.23 min Scan# 1088

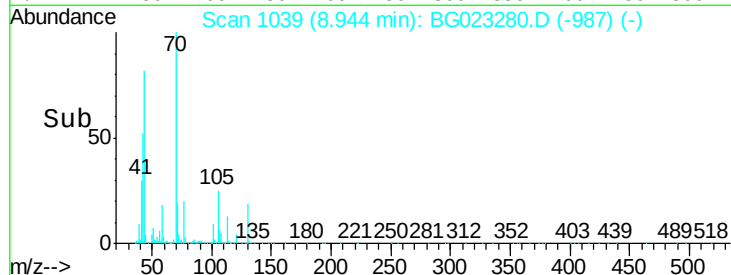
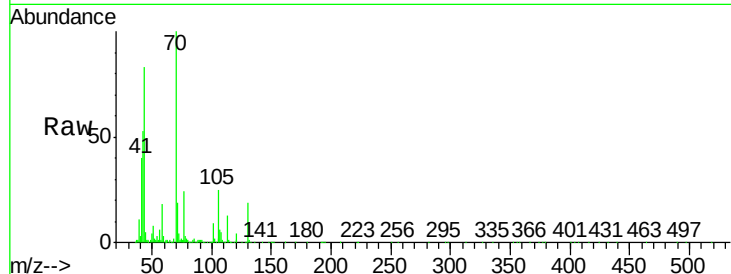
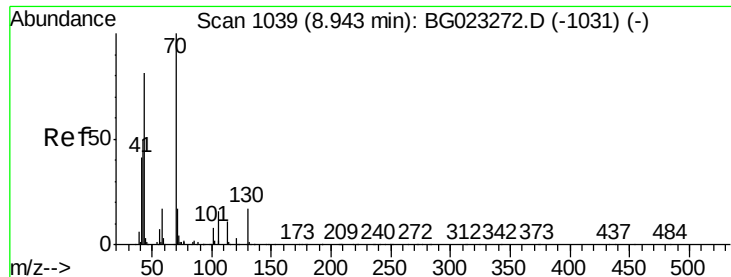
Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

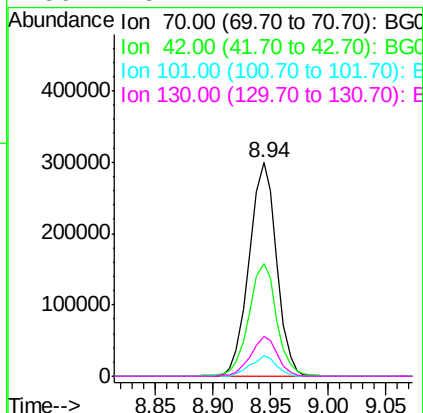
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	73.7	110.5
201	100.8	88.7	133.1





#19
n-Nitroso-di-n-propylamine
Concen: 32.00 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

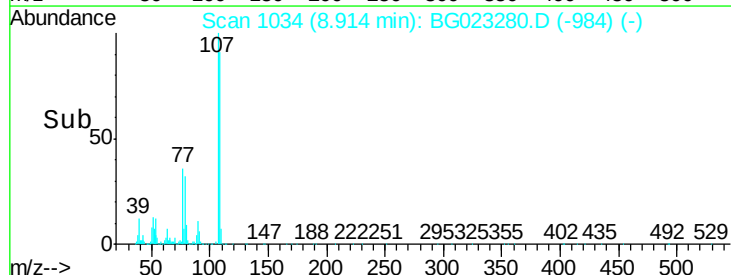
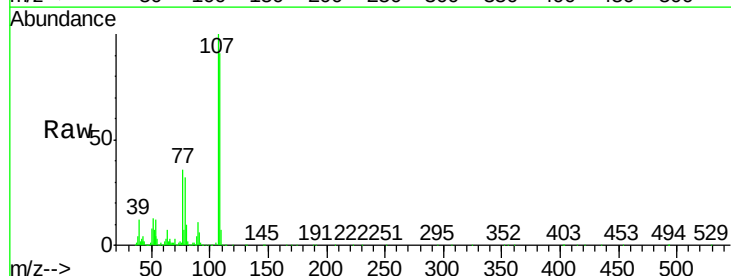
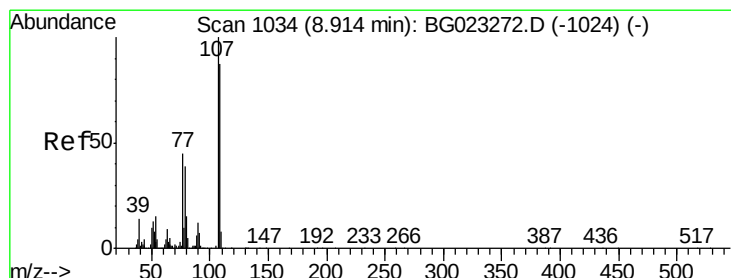
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.5	42.1	63.1	
101	9.4	7.2	10.8	
130	18.7	14.2	21.2	



Instrument :
BNA_G
ClientSampleId :
PB92399BS

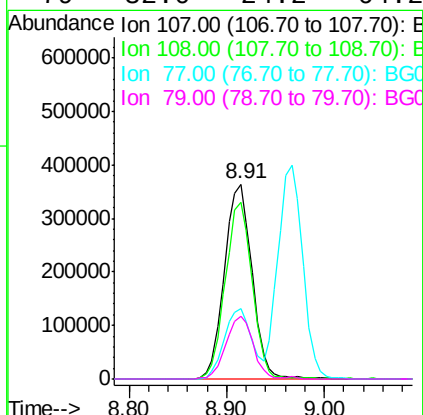
Manual Integrations

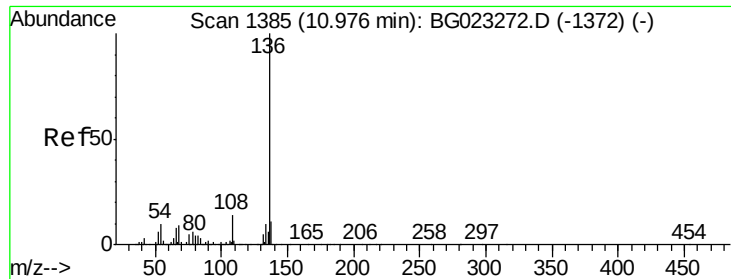
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#20
3+4-Methylphenols
Concen: 42.41 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	72.5	112.5	
77	36.0	30.1	70.1	
79	32.0	24.2	64.2	





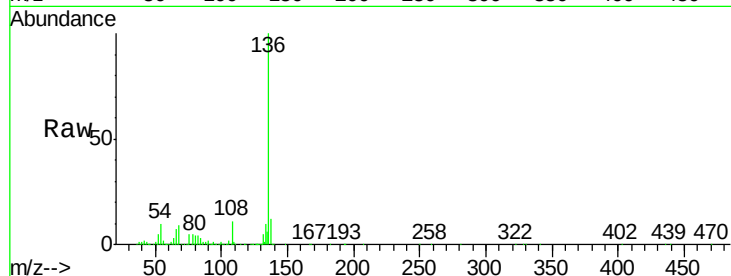
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

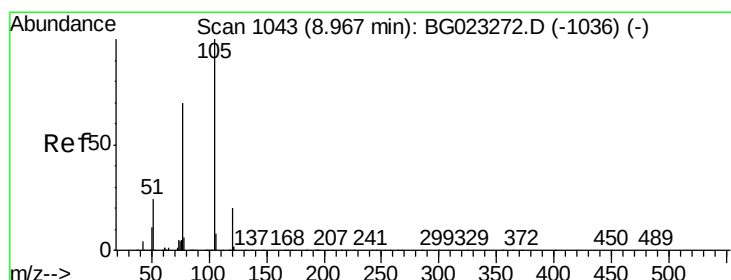
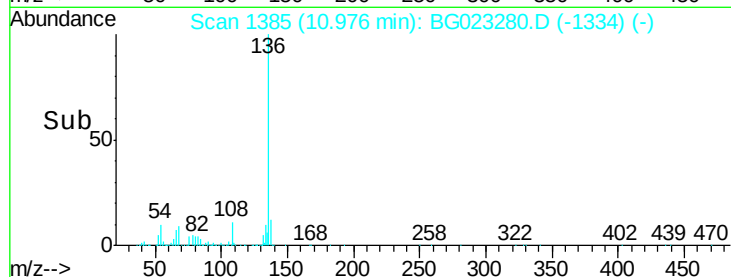
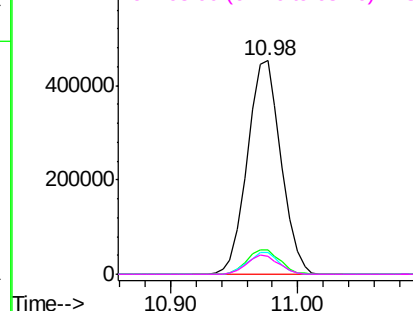
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		832973		
137	11.5	9.6	14.4		
54	10.1	7.3	10.9		
68	8.6	5.3	7.9#		

Manual Integrations

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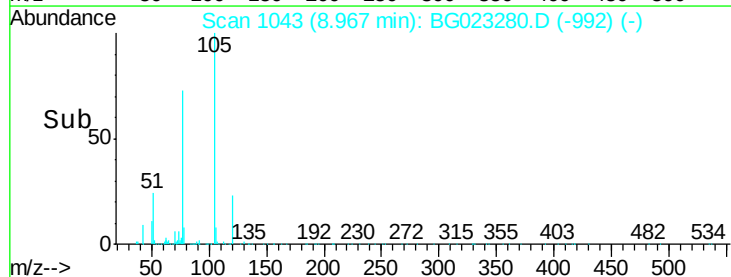
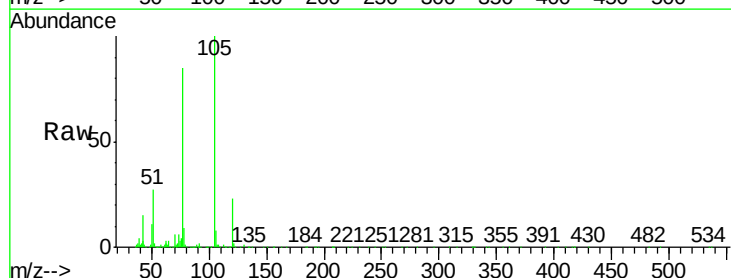
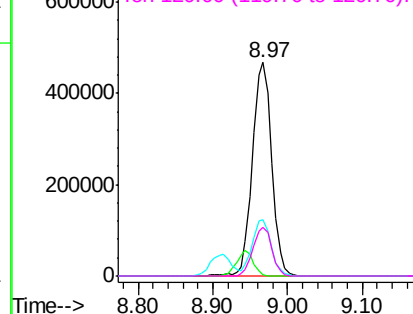
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

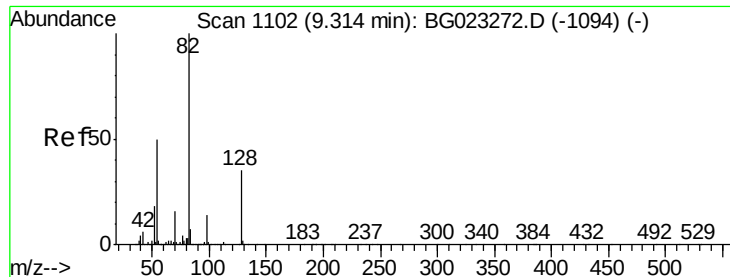


#22
Acetophenone
Concen: 38.47 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		836679		
71	0.8	2.6	3.8#		
51	26.5	27.1	40.7#		
120	22.6	15.1	22.7		

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





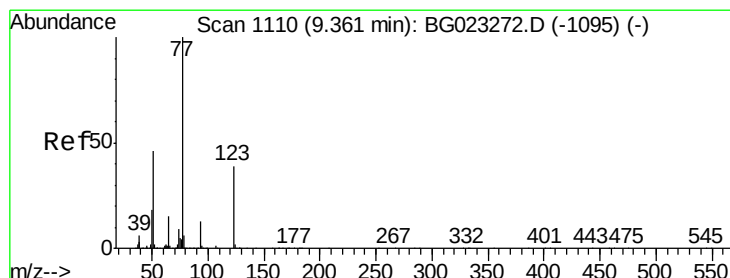
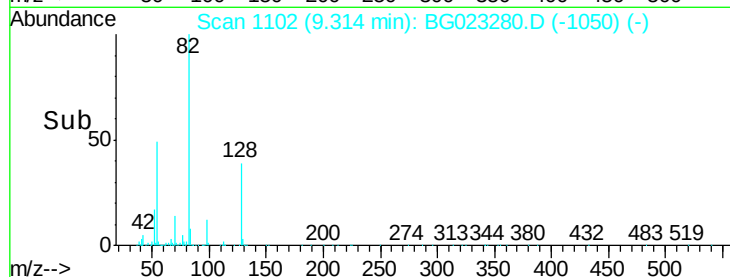
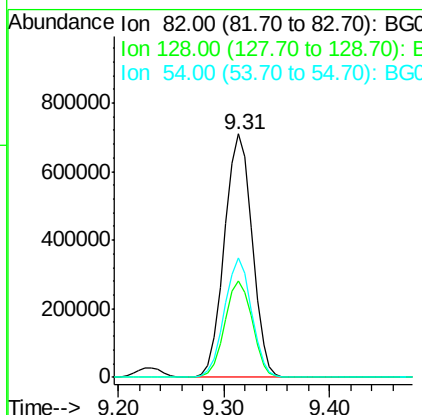
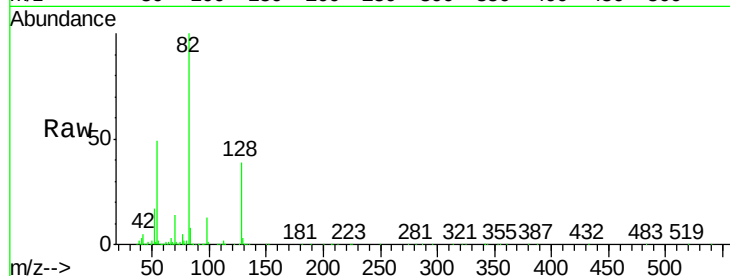
#23
 Nitrobenzene-d5
 Concen: 75.68 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Tot Ion	82	Resp	1289072
Ion Ratio	Lower	Upper	
82	100		
128	39.5	24.4	36.6#
54	49.1	41.4	62.0

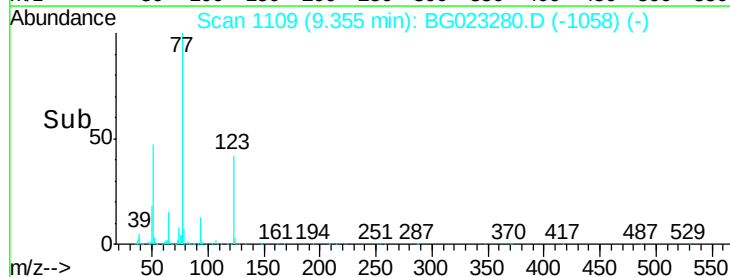
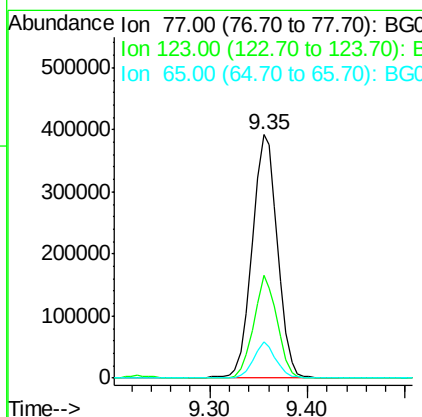
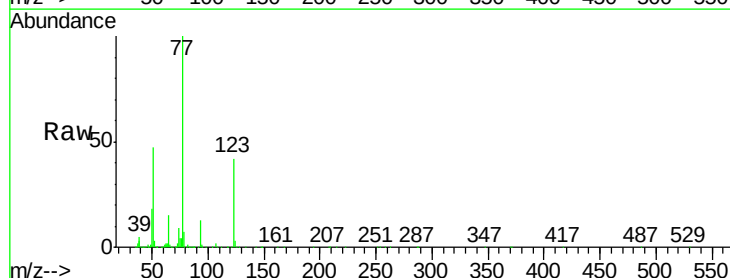
Manual Integrations

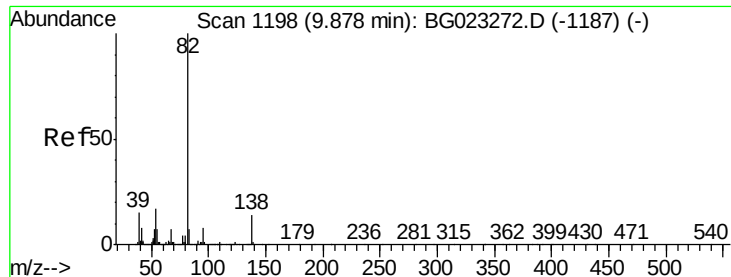
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#24
 Nitrobenzene
 Concen: 36.21 ng
 RT: 9.35 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion	77	Resp	716247
Ion Ratio	Lower	Upper	
77	100		
123	42.4	25.0	37.6#
65	14.8	13.4	20.0





#25

Isophorone

Concen: 37.21 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion: 82 Resp: 1309148

Ion Ratio Lower Upper

82 100

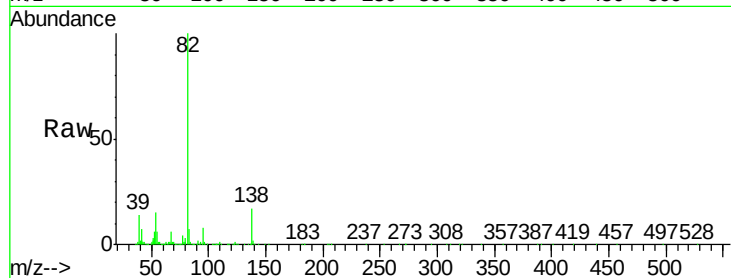
95 7.8 8.2 12.2#

138 17.0 10.7 16.1#

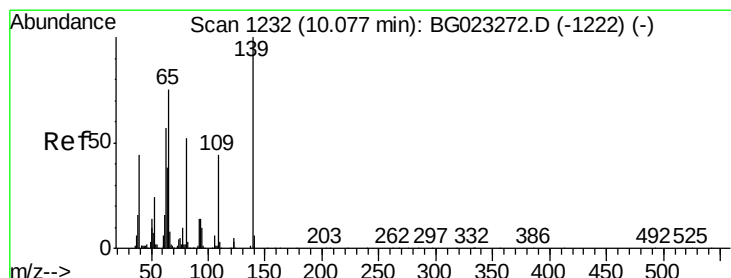
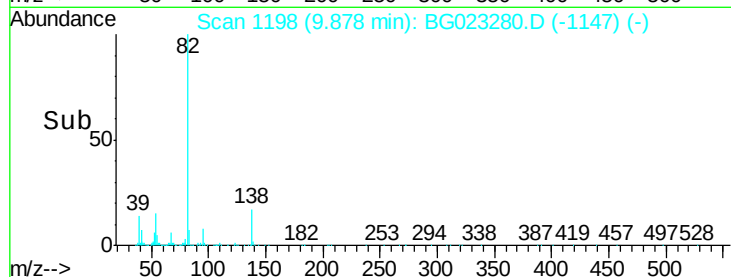
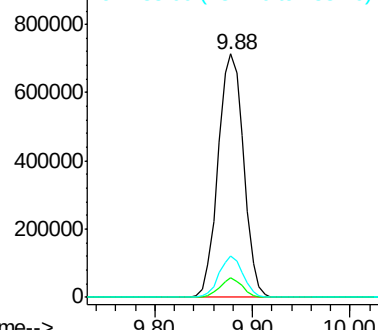
Manual Integrations

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.14 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

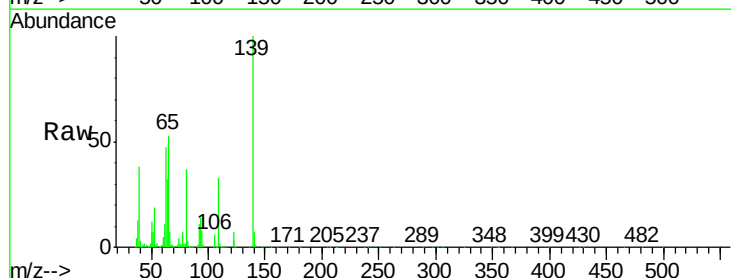
Tgt Ion: 139 Resp: 299855

Ion Ratio Lower Upper

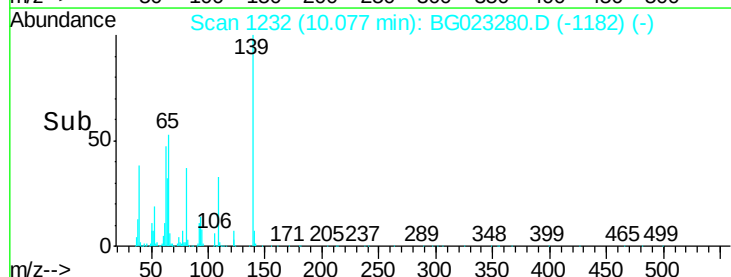
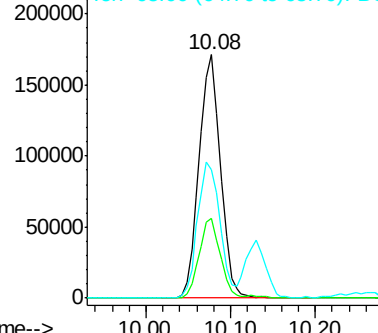
139 100

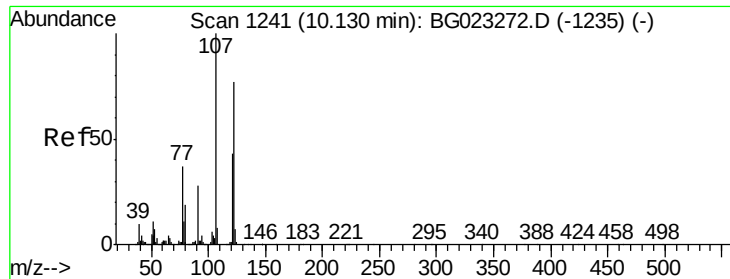
109 32.7 43.5 65.3#

65 53.0 64.3 96.5#



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





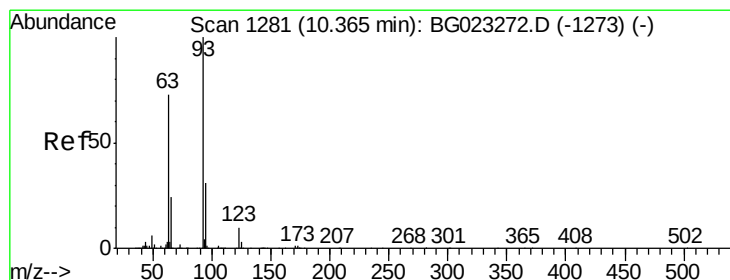
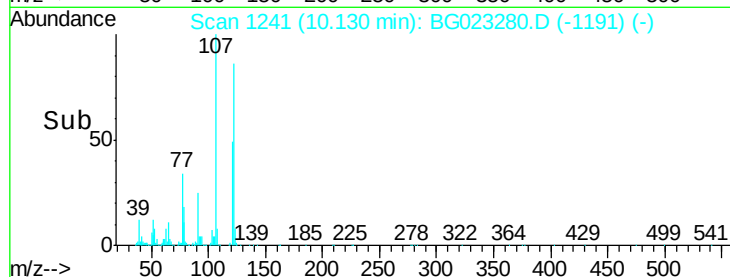
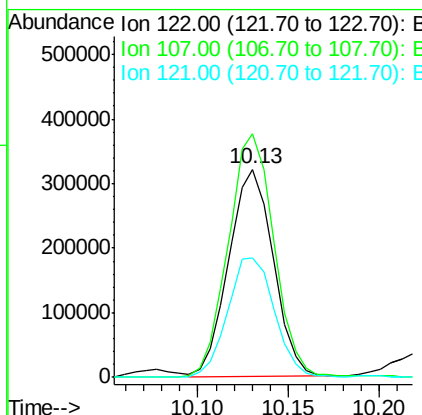
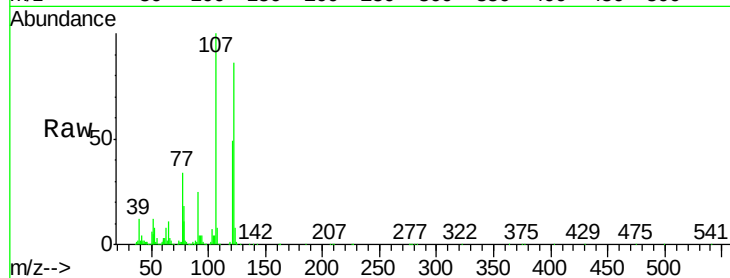
#27
 2,4-Dimethylphenol
 Concen: 43.60 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampled :
 PB92399BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	117.0	175.4#
121	57.6	50.1	75.1

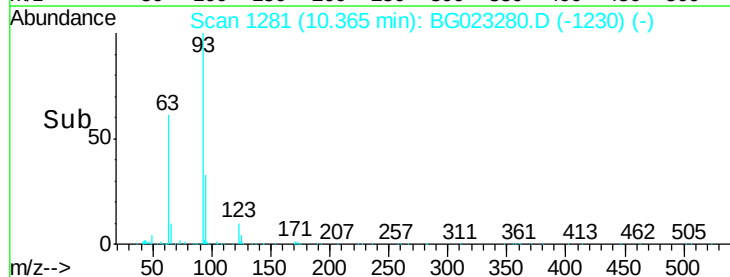
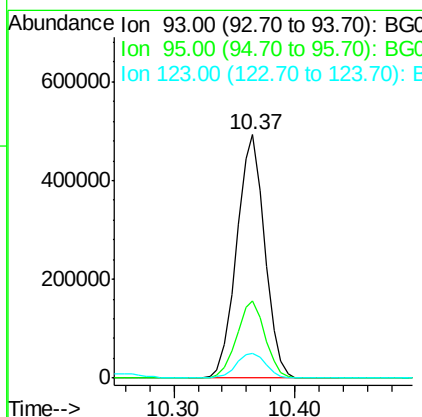
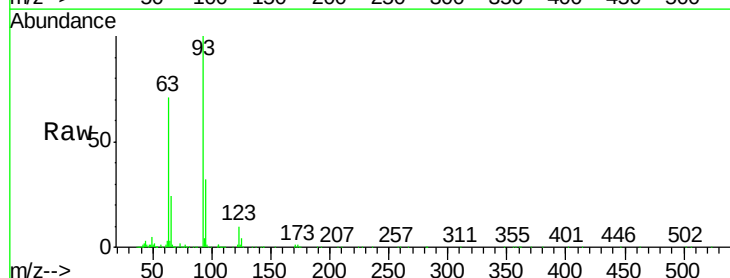
Manual Integrations

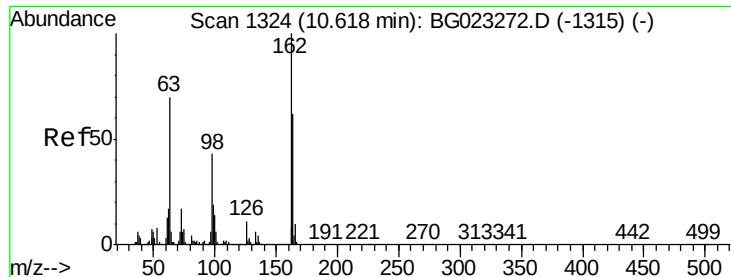
sohil
 7/28/2016 4:58:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.35 ng
 RT: 10.37 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.4	38.2
123	10.3	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 44.95 ng

RT: 10.62 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:162 Resp: 548067

Ion Ratio Lower Upper

162 100

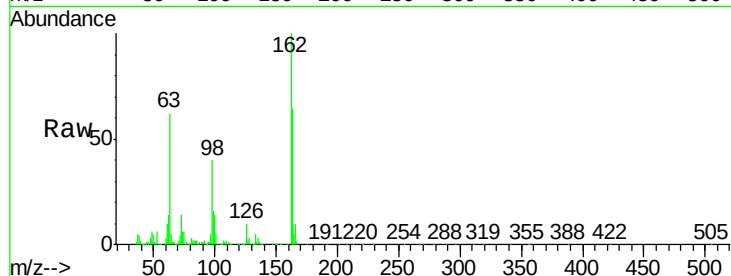
164 64.1 44.3 84.3

98 40.5 19.5 59.5

Manual Integrations

sohil

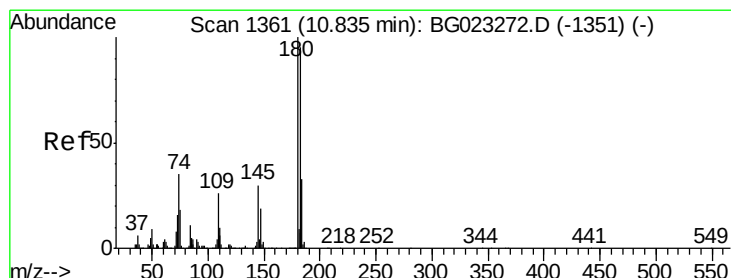
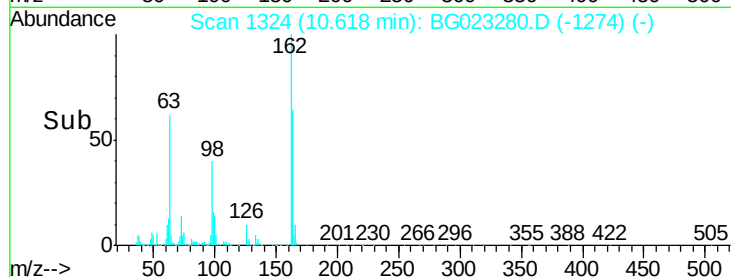
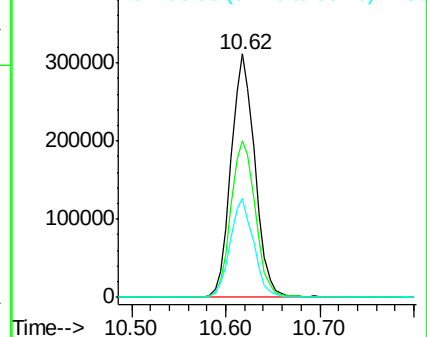
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.22 ng

RT: 10.84 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

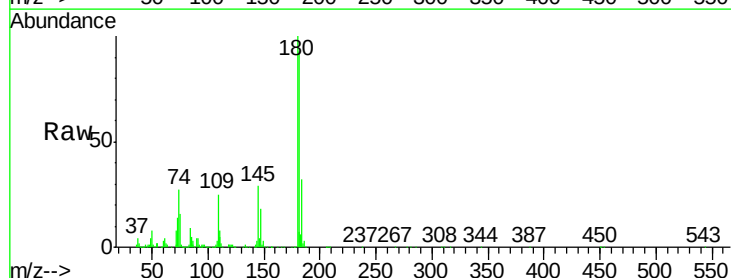
Tgt Ion:180 Resp: 541944

Ion Ratio Lower Upper

180 100

182 93.1 73.8 110.8

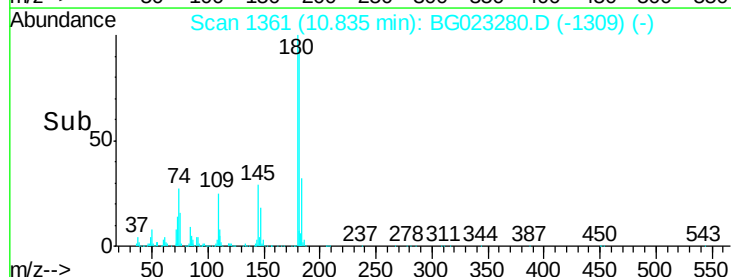
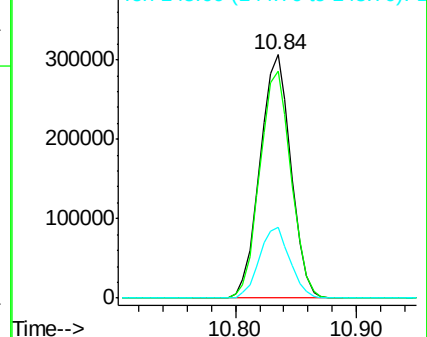
145 29.1 24.4 36.6

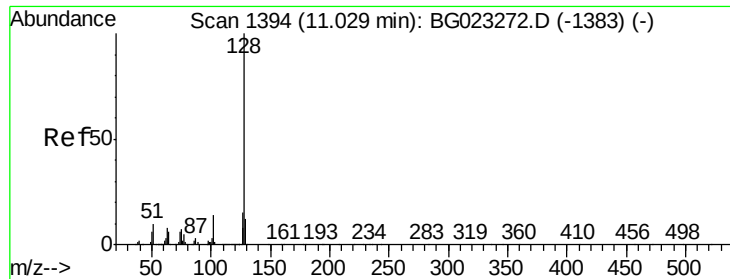


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





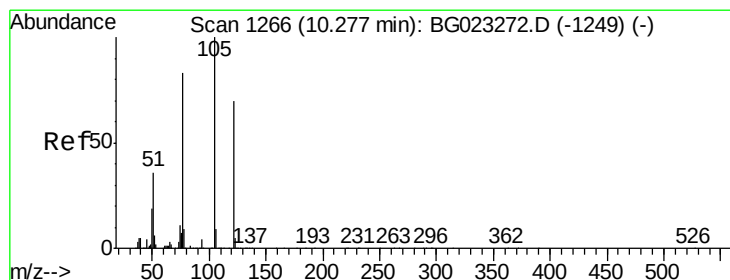
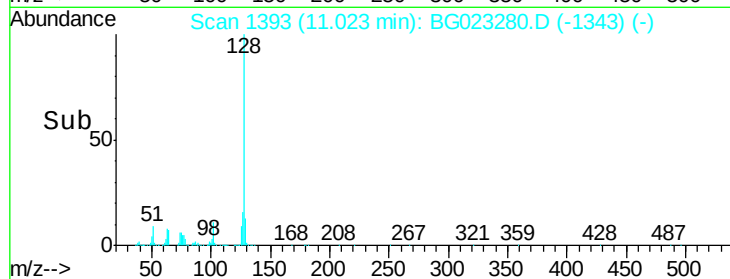
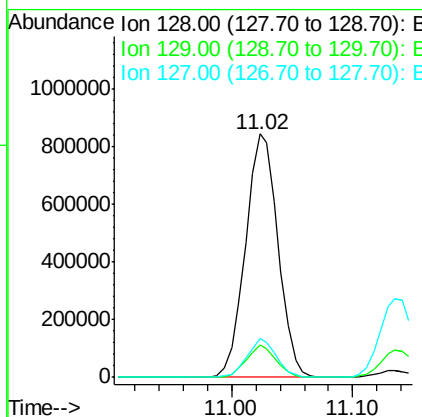
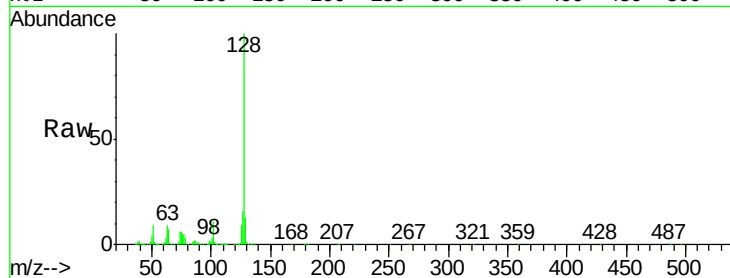
#31
Naphthalene
Concen: 40.83 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampled :
PB92399BS

Tot Ion:128 Resp: 1580319
Ion Ratio Lower Upper
128 100
129 13.1 9.4 14.0
127 15.7 11.3 16.9

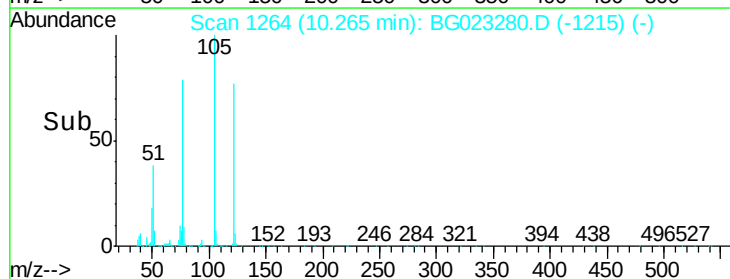
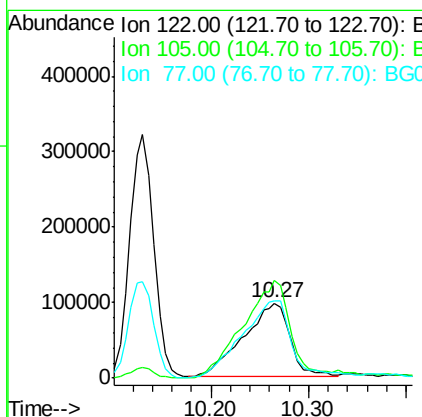
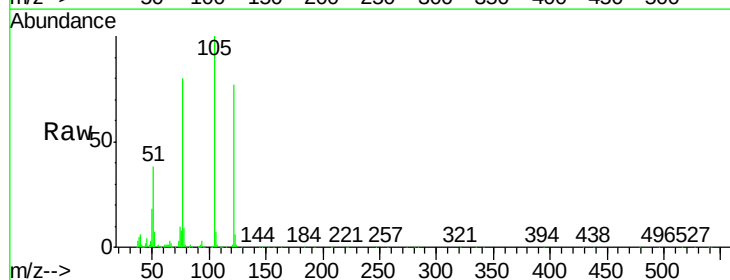
Manual Integrations

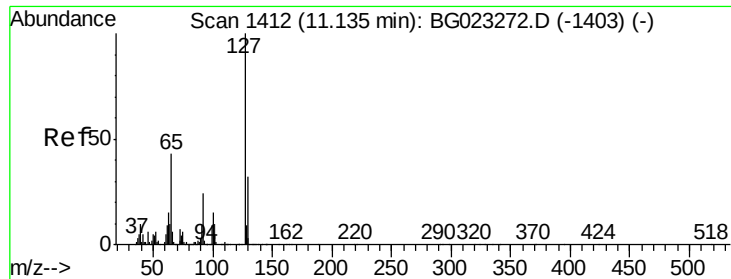
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#32
Benzoic acid
Concen: 34.24 ng
RT: 10.27 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion:122 Resp: 322337
Ion Ratio Lower Upper
122 100
105 130.2 117.2 157.2
77 103.8 109.2 149.2#





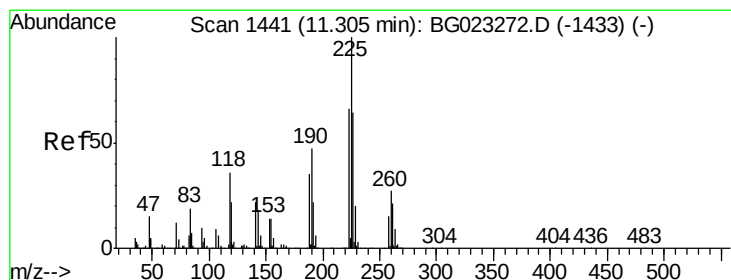
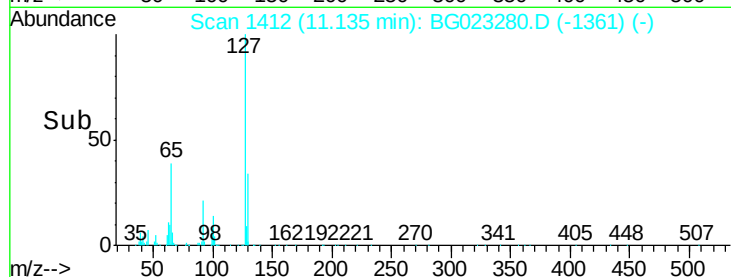
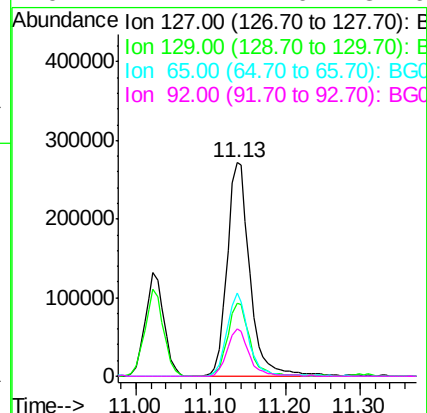
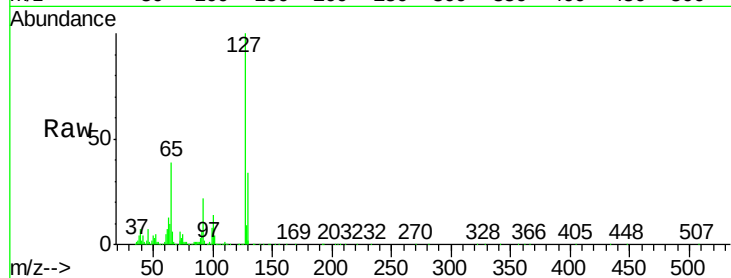
#33
4-Chloroaniline
Concen: 32.22 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.3	27.9	41.9		
65	38.8	36.8	55.2		
92	22.4	21.0	31.6		

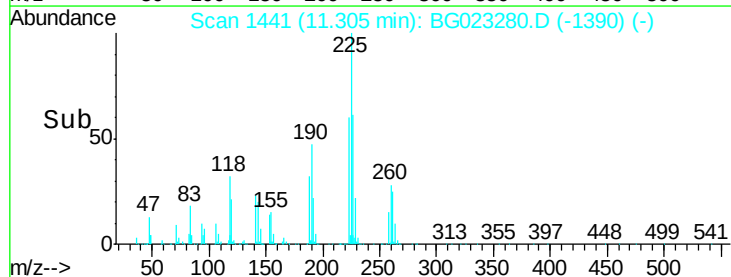
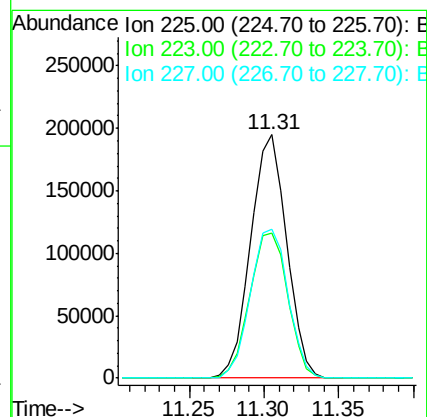
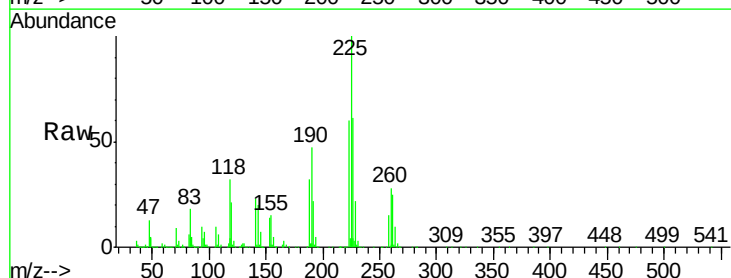
Manual Integrations

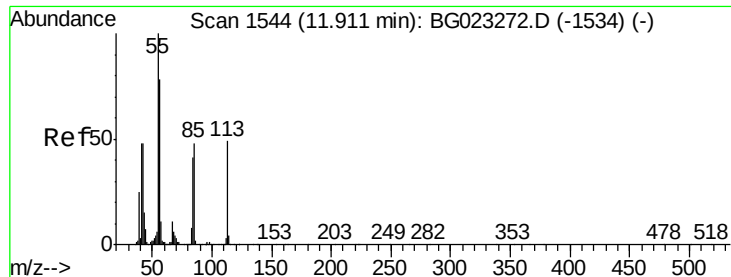
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#34
Hexachlorobutadiene
Concen: 36.87 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.7	49.6	74.4		
227	61.2	54.5	81.7		





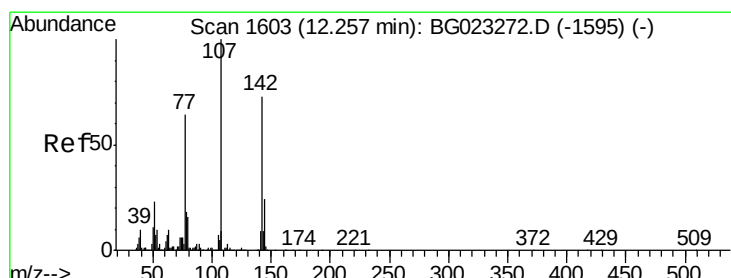
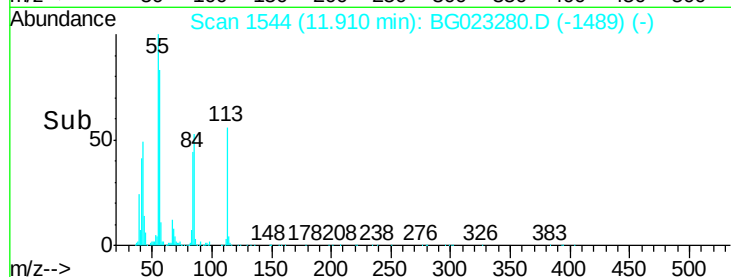
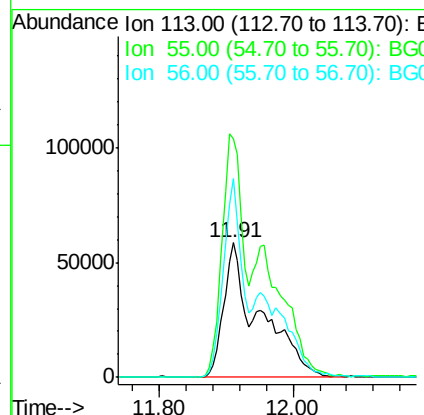
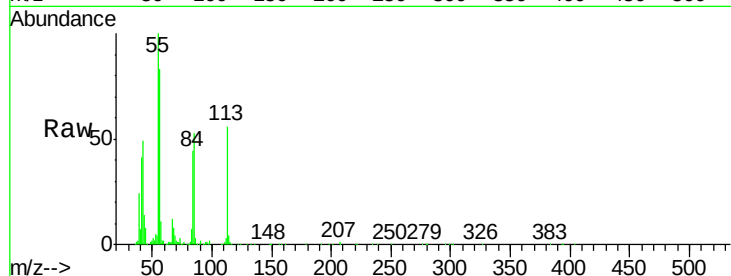
#35
Caprolactam
Concen: 42.02 ng/ml
RT: 11.91 min Scan# 1544
Delta R.T. 0.02 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.3	154.5	194.5
56	147.8	125.1	165.1

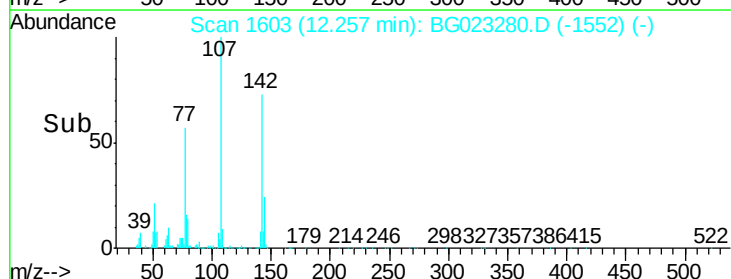
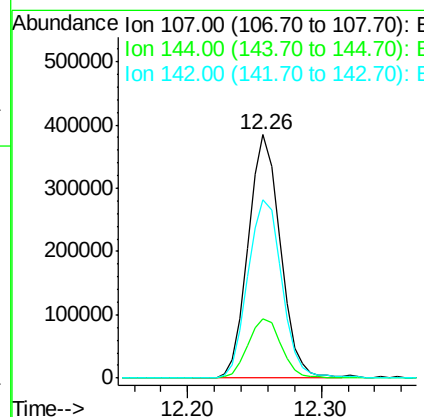
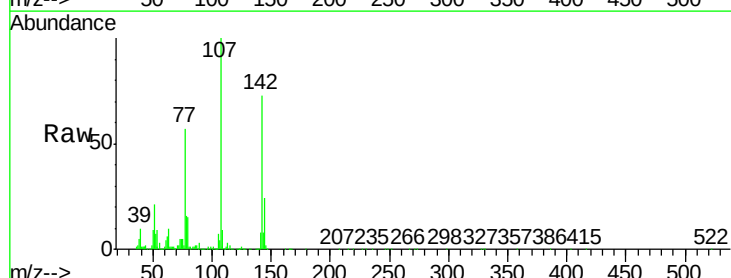
Manual Integrations

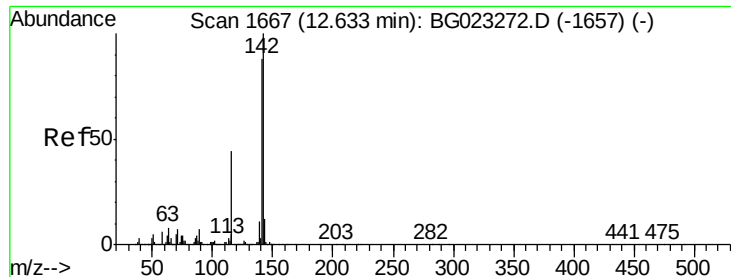
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#36
4-Chloro-3-methylphenol
Concen: 39.86 ng/ml
RT: 12.26 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	17.0	25.6
142	73.4	53.0	79.6





#37

2-Methylnaphthalene

Concen: 41.06 ng/ml

RT: 12.63 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:142 Resp: 1178214

Ion Ratio Lower Upper

142 100

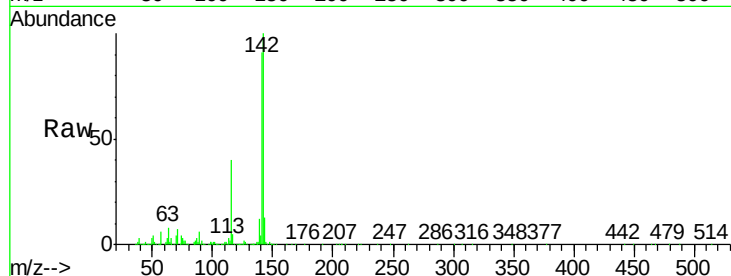
141 91.4 70.2 105.2

115 40.2 41.7 62.5#

Manual Integrations

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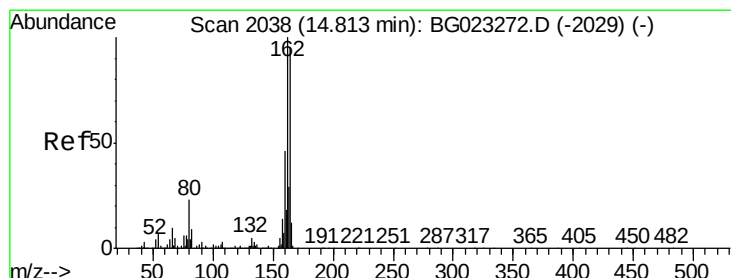
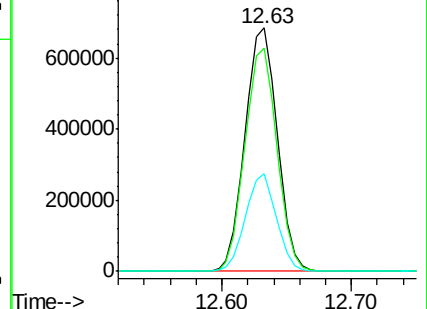
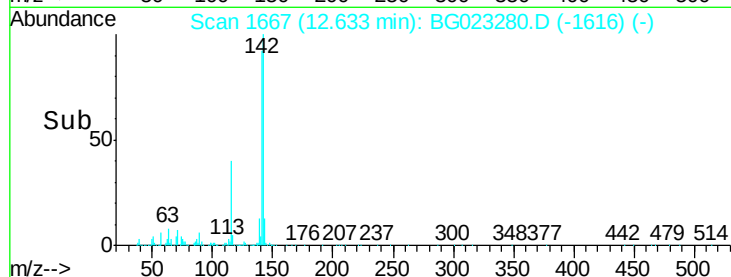
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng/ml

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

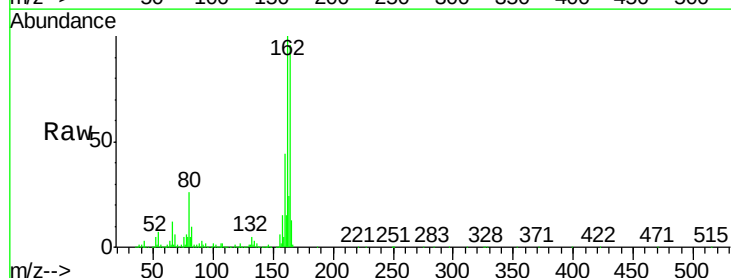
Tgt Ion:164 Resp: 553574

Ion Ratio Lower Upper

164 100

162 104.1 87.7 131.5

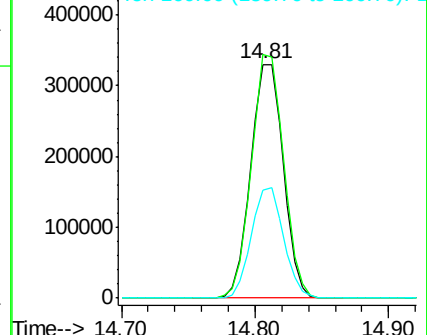
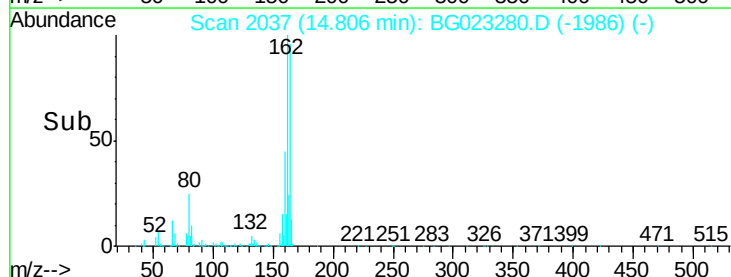
160 46.3 37.2 55.8

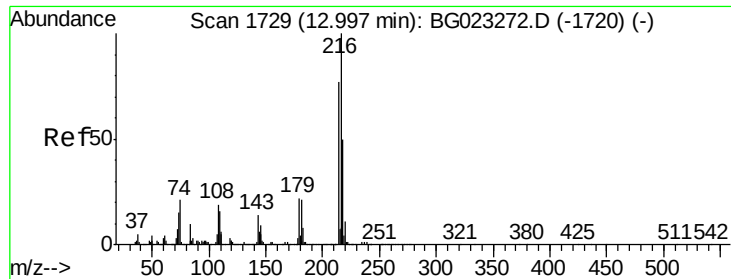


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





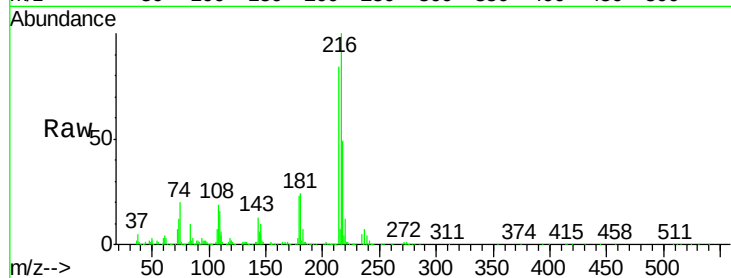
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.48 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

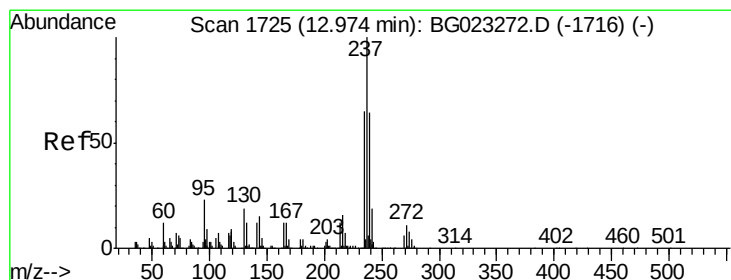
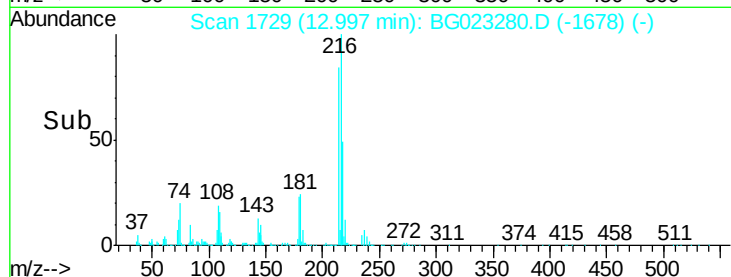
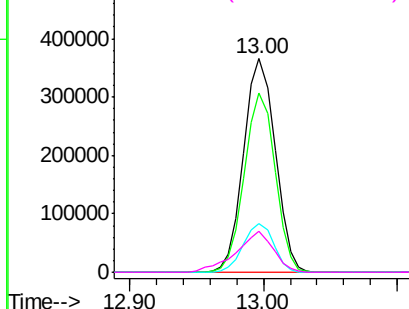
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		599971		
214	81.4	62.9	94.3		
179	22.0	17.2	25.8		
108	22.6	16.3	24.5		

Manual Integrations

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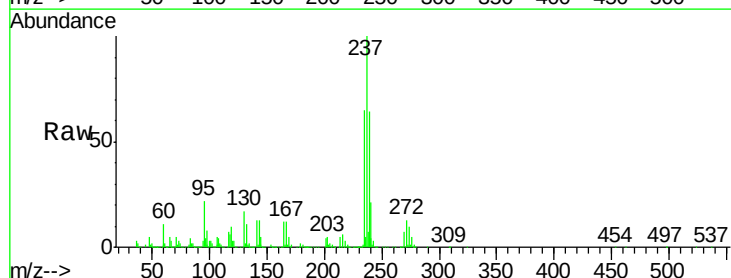


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

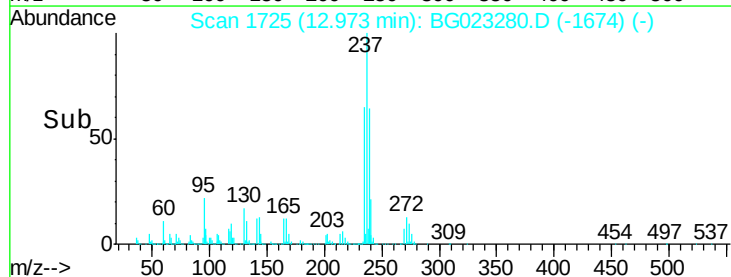
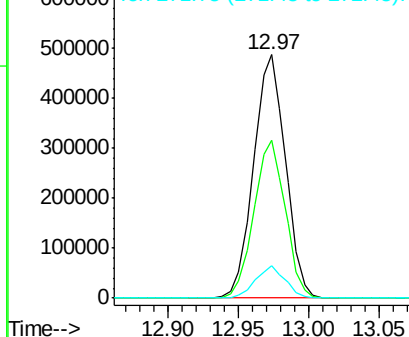


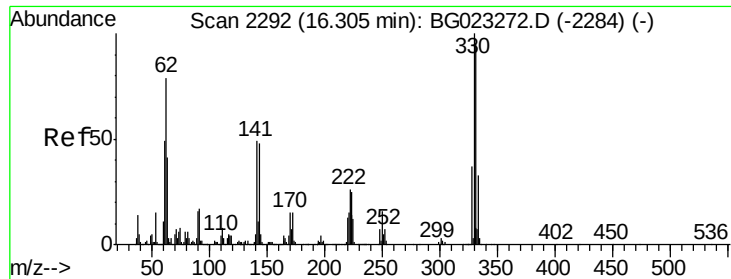
#40
 Hexachlorocyclopentadiene
 Concen: 91.05 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		773259		
235	64.8	43.1	83.1		
272	13.1	0.0	30.9		



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





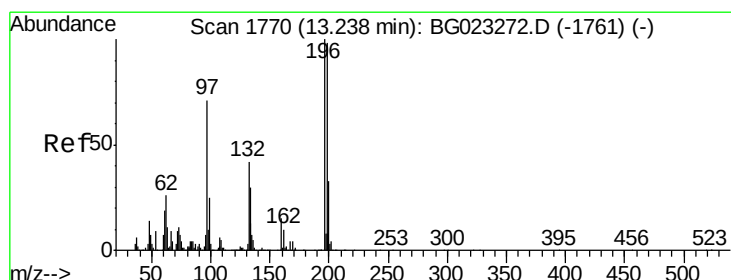
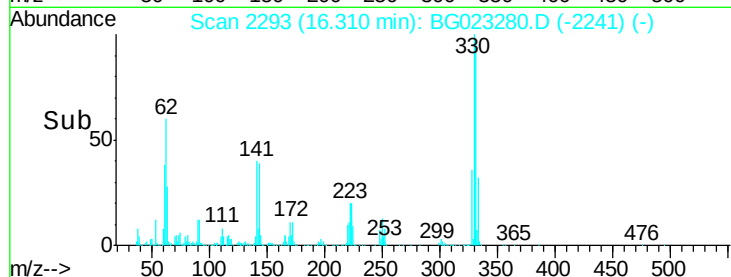
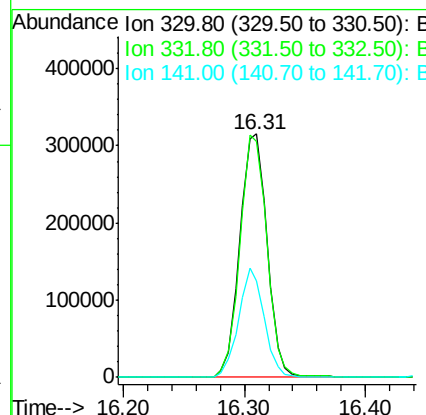
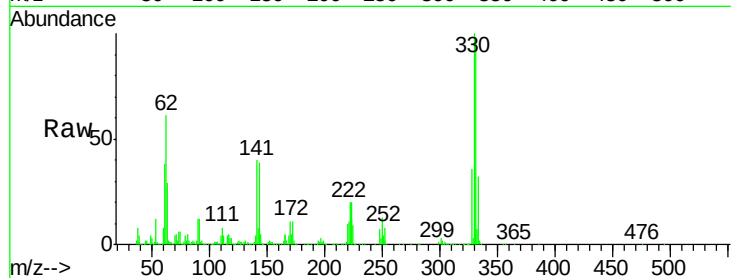
#41
 2,4,6-Tribromophenol
 Concen: 86.98 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.2
141	42.0	31.7	47.5

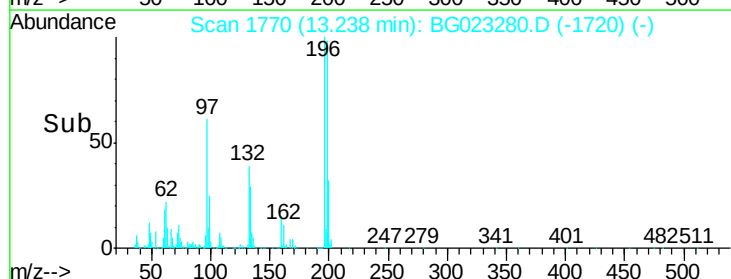
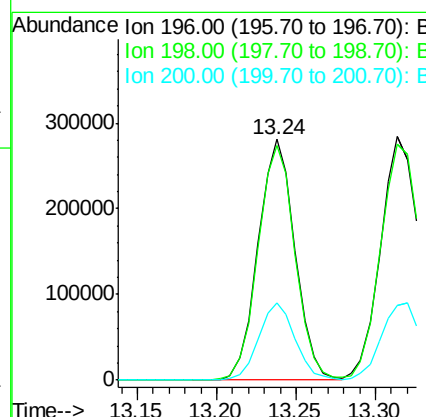
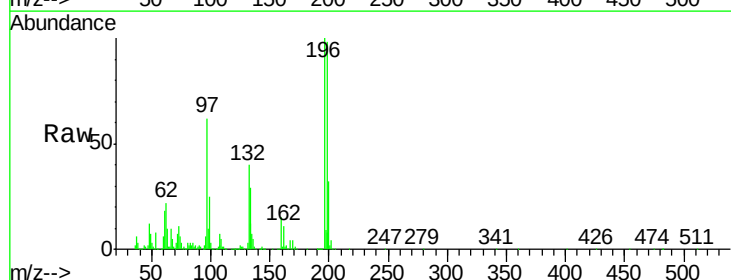
Manual Integrations

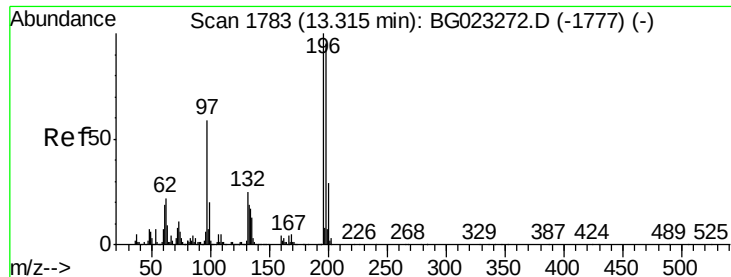
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#42
 2,4,6-Trichlorophenol
 Concen: 43.10 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	78.2	117.2
200	31.9	27.0	40.4





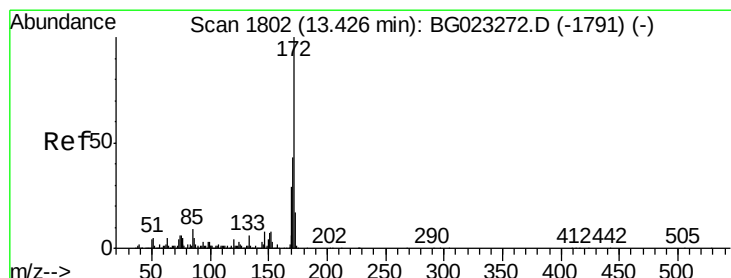
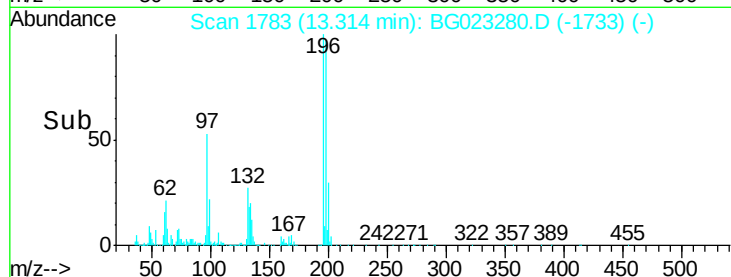
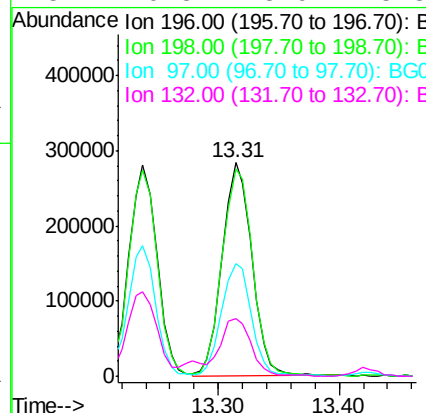
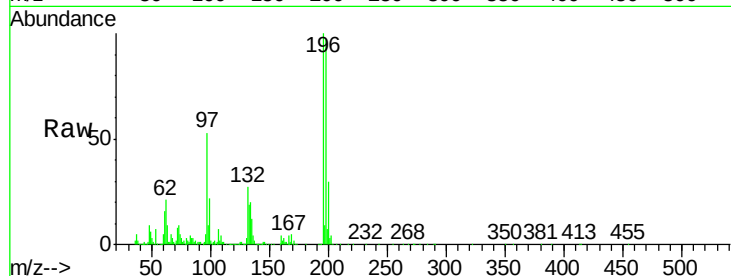
#43
2,4,5-Trichlorophenol
Concen: 43.21 ng
RT: 13.31 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		482578		
198	96.9	85.7	128.5		
97	52.9	45.5	68.3		
132	26.8	18.9	28.3		

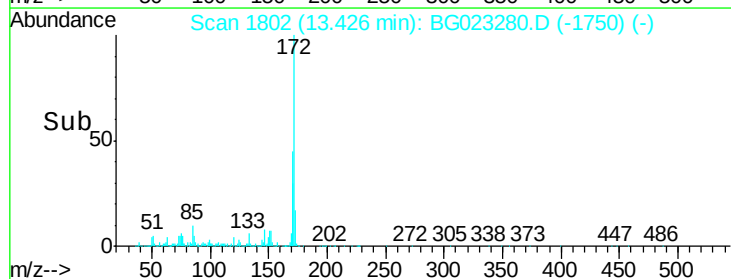
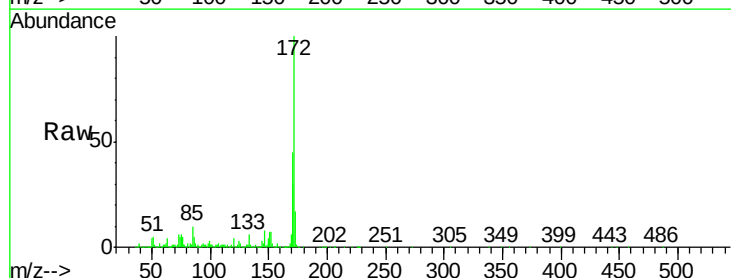
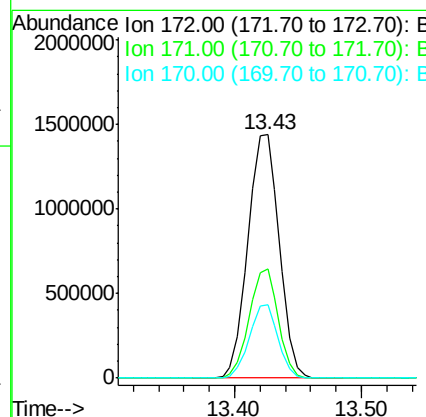
Manual Integrations

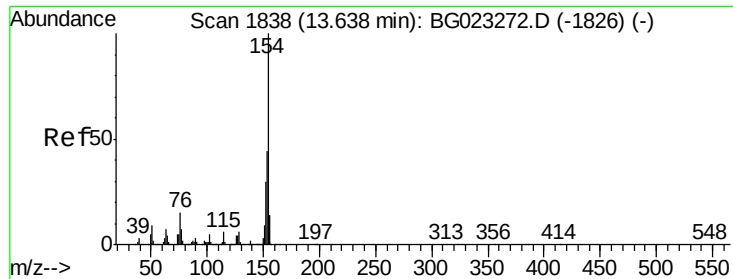
sohil
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#44
2-Fluorobiphenyl
Concen: 83.64 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2473894		
171	45.0	31.6	47.4		
170	30.2	21.3	31.9		





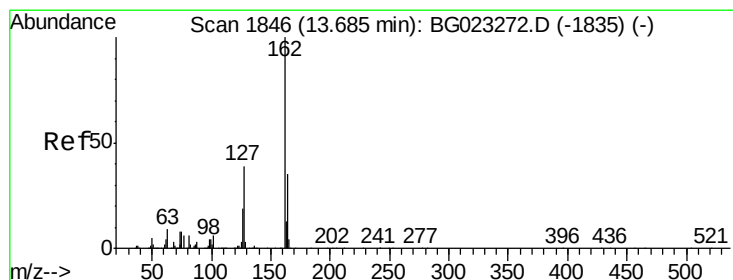
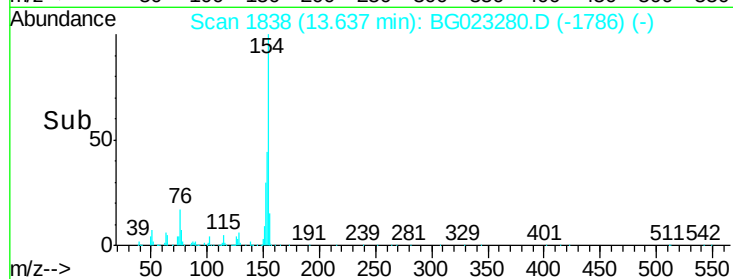
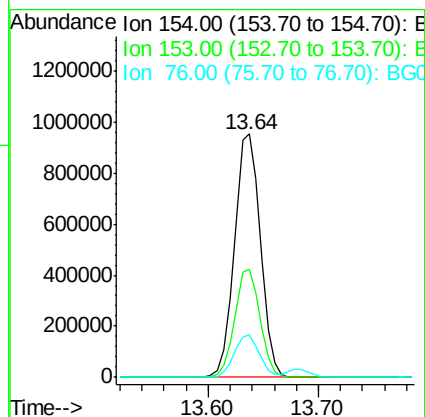
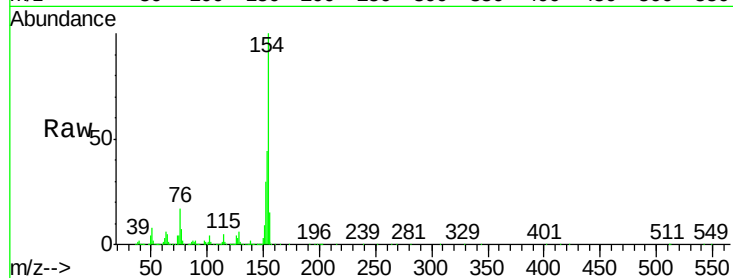
#45
 1,1'-Biphenyl
 Concen: 40.47 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.1	20.2	60.2
76	17.4	0.0	32.9

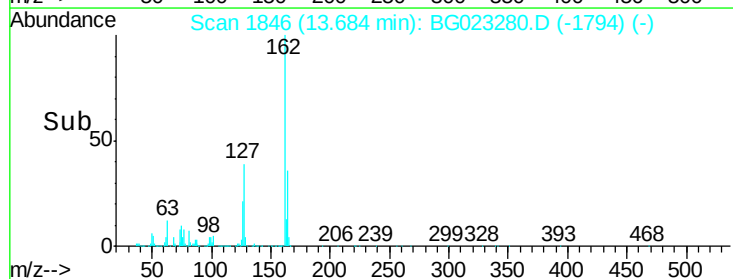
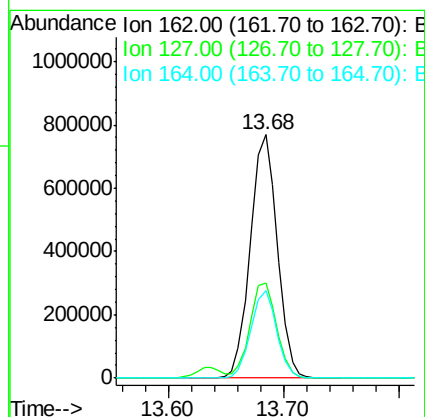
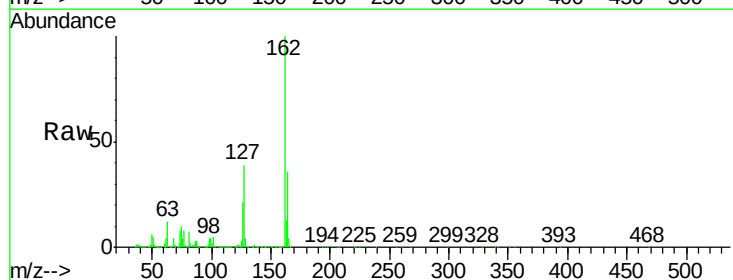
Manual Integrations

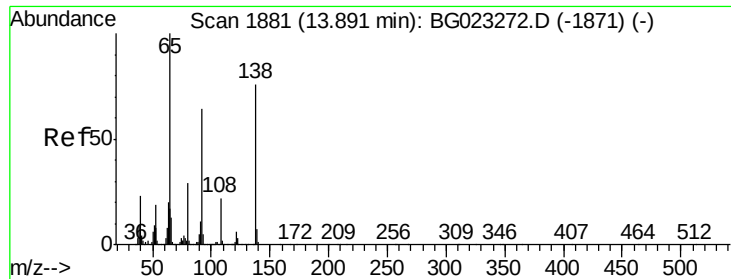
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#46
 2-Chloronaphthalene
 Concen: 40.39 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.4	48.6
164	35.8	25.2	37.8





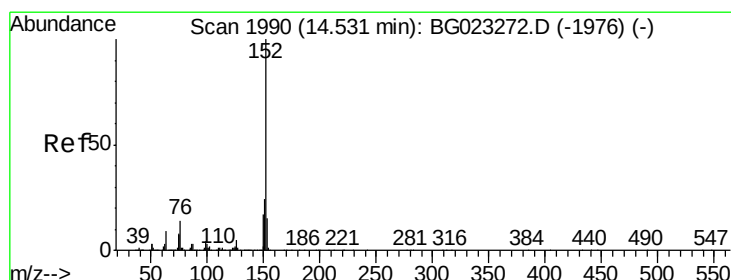
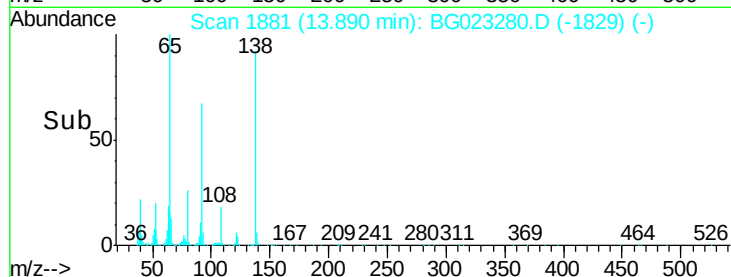
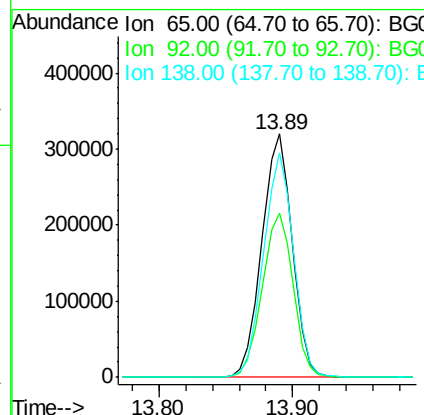
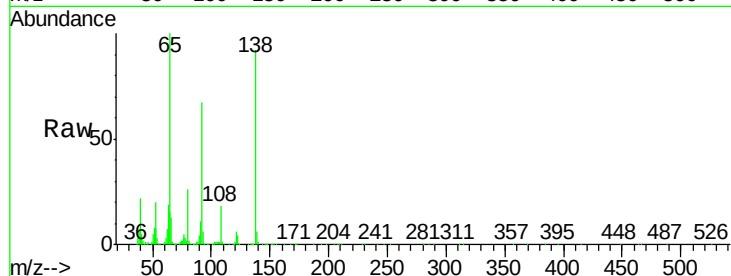
#47
2-Nitroaniline
Concen: 38.42 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.5	49.4	74.0
138	92.1	58.0	87.0

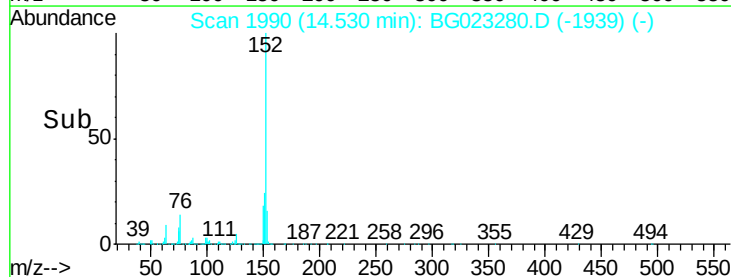
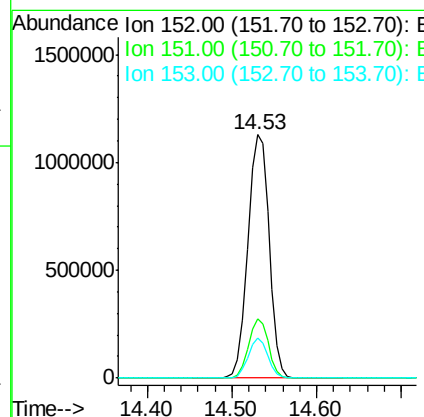
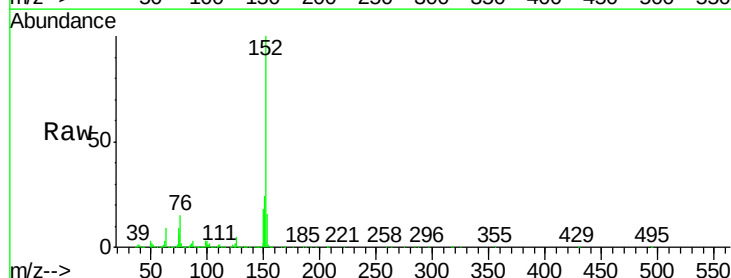
Manual Integrations

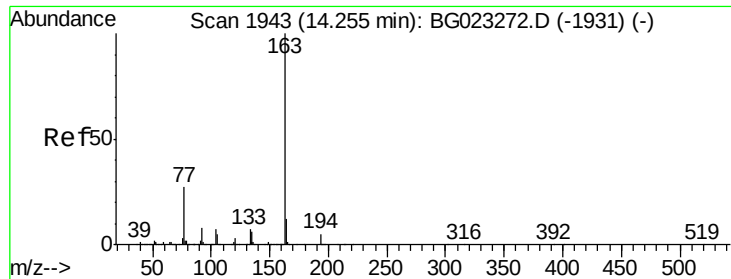
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#48
Acenaphthylene
Concen: 41.48 ng
RT: 14.53 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.2	17.6	26.4
153	16.3	11.4	17.2





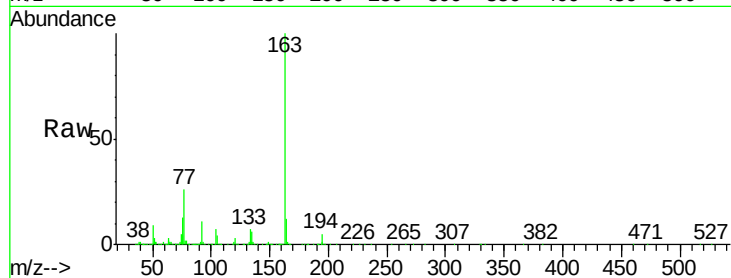
#49
Dimethylphthalate
Concen: 39.47 ng
RT: 14.25 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

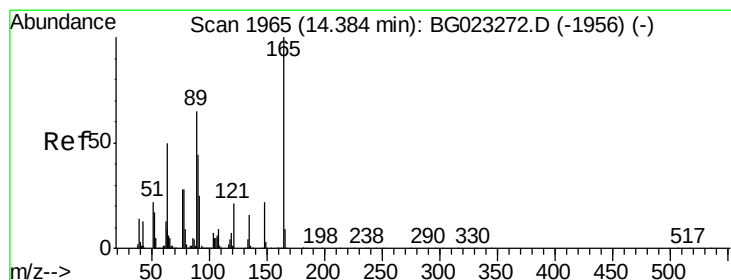
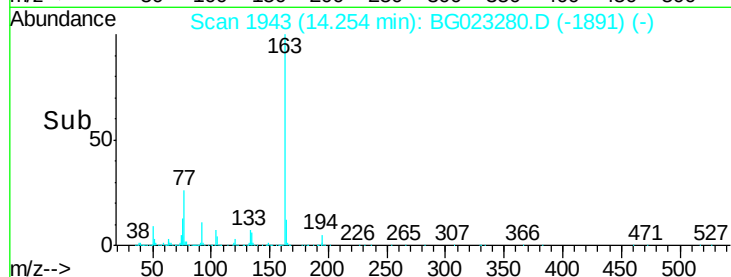
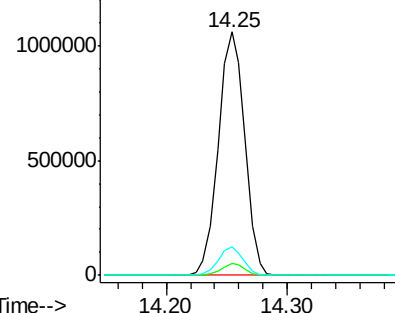
Tot Ion:163 Resp: 1612348
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 11.5 8.1 12.1

Manual Integrations

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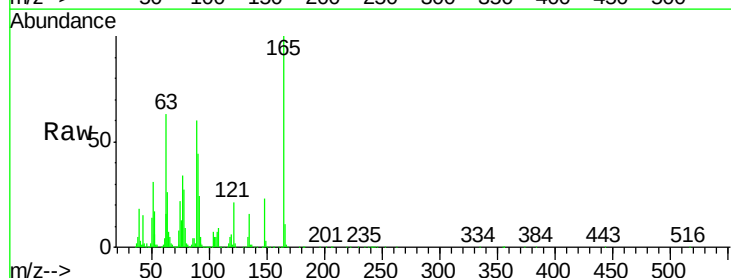


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

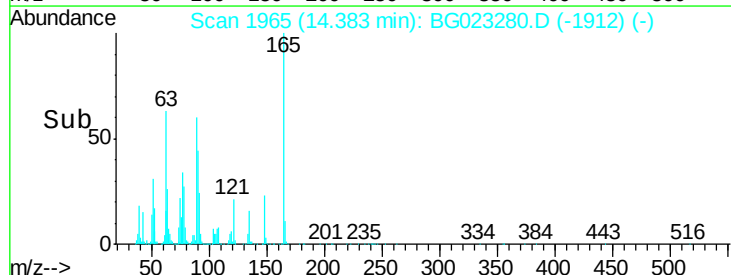
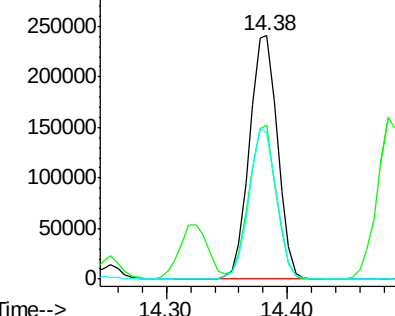


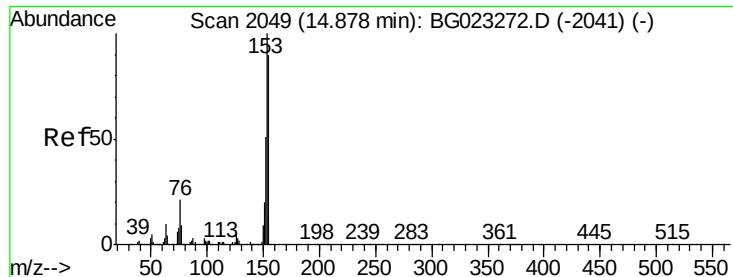
#50
2,6-Dinitrotoluene
Concen: 40.46 ng
RT: 14.38 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion:165 Resp: 387006
Ion Ratio Lower Upper
165 100
63 63.1 64.3 96.5#
89 60.3 64.3 96.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.68 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:154 Resp: 1249761

Ion Ratio Lower Upper

154 100

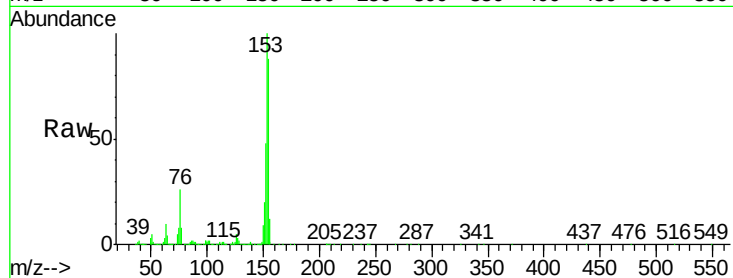
153 113.3 87.5 131.3

152 54.3 42.7 64.1

Manual Integrations

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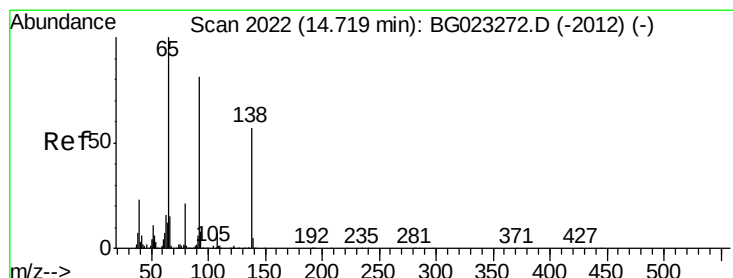
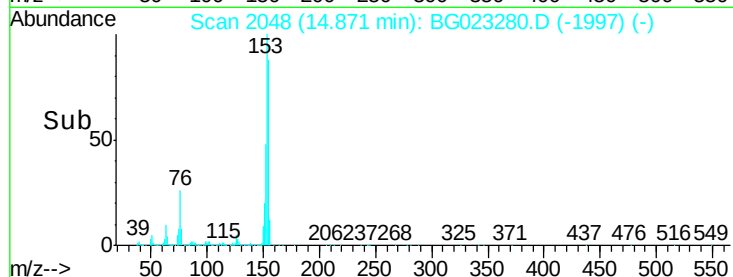
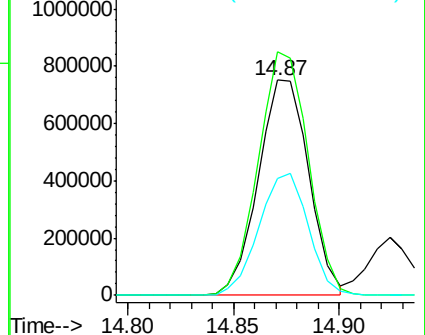
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.74 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

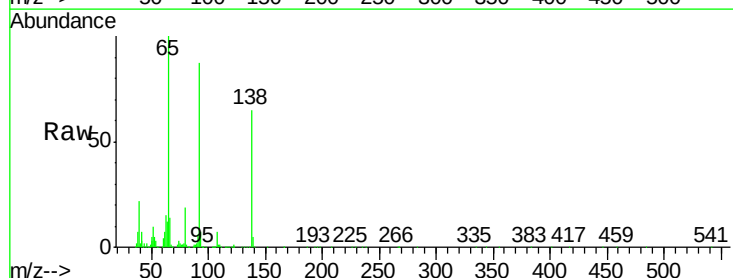
Tgt Ion:138 Resp: 382861

Ion Ratio Lower Upper

138 100

108 11.3 11.7 17.5#

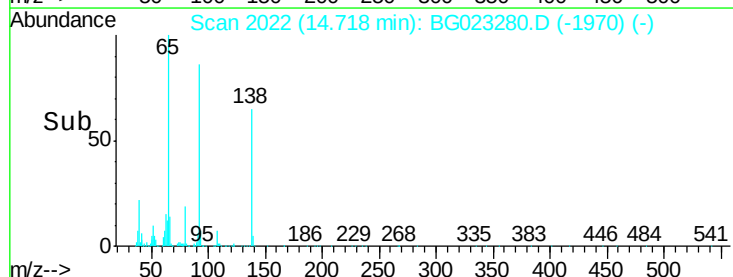
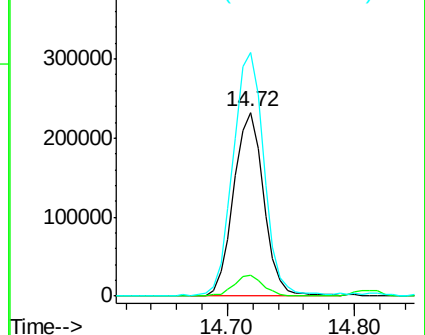
92 132.6 129.7 194.5

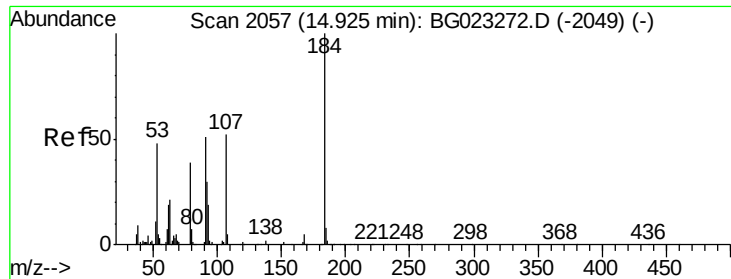


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





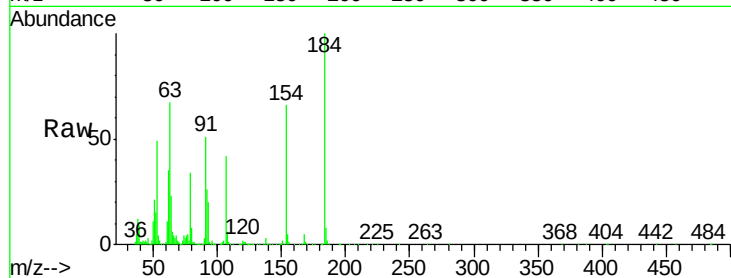
#53
2,4-Dinitrophenol
Concen: 84.96 ng
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampled :
PB92399BS

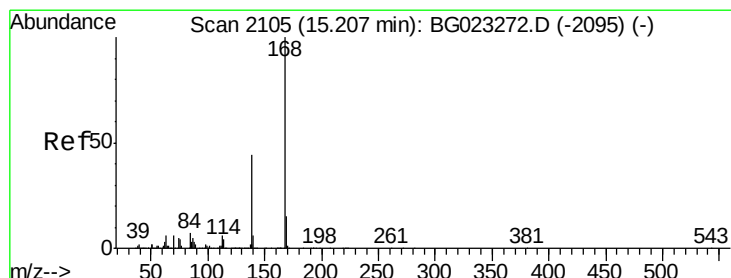
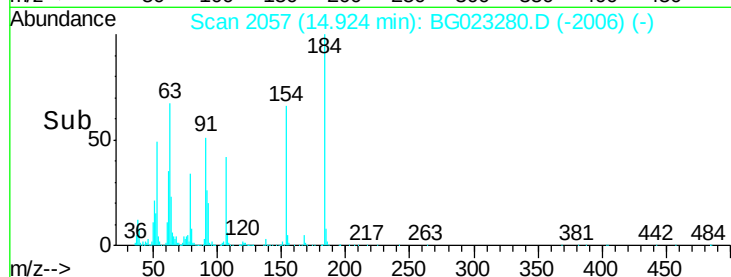
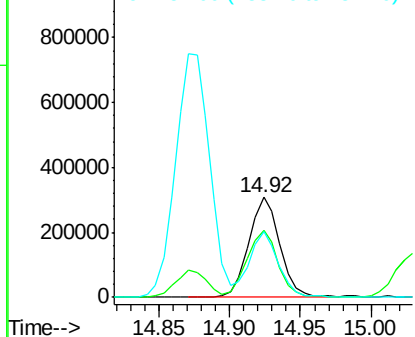
Tot Ion	Ratio	Lower	Upper
184	100		
63	67.2	59.6	89.4
154	65.5	67.4	101.0

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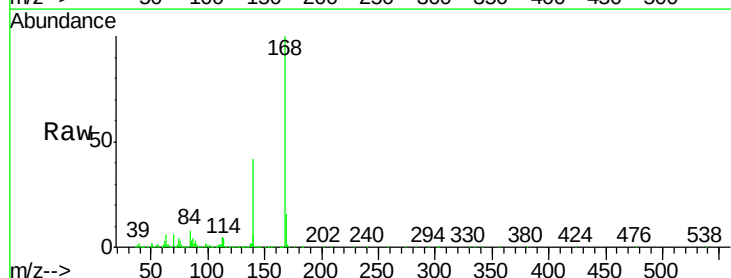


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

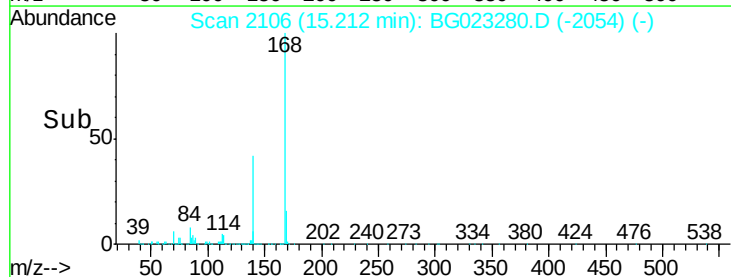
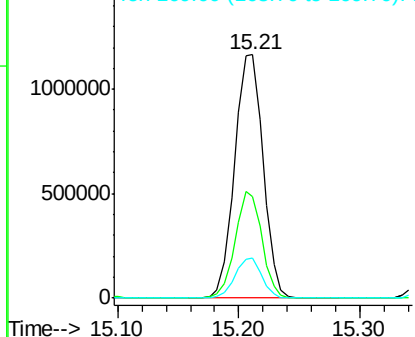


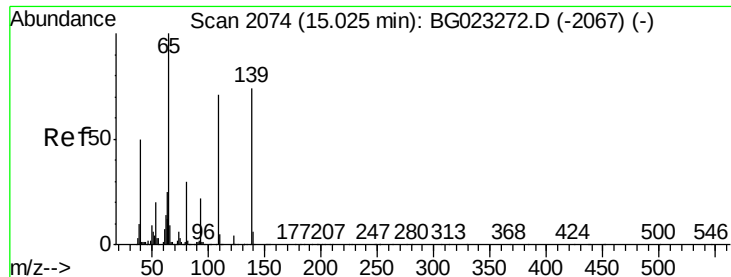
#54
Dibenzofuran
Concen: 43.95 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	36.4	54.6
169	16.3	11.9	17.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





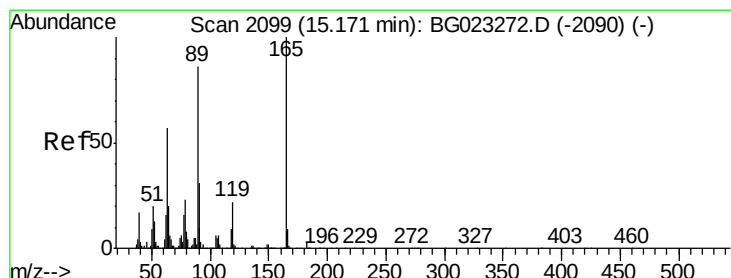
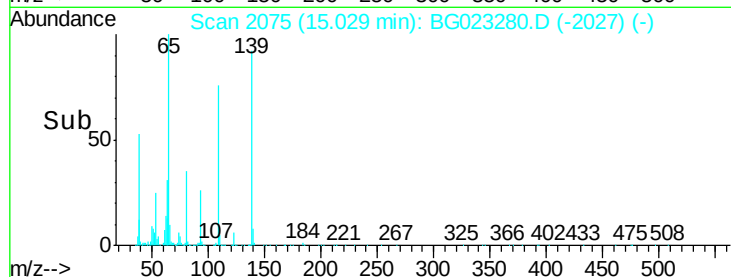
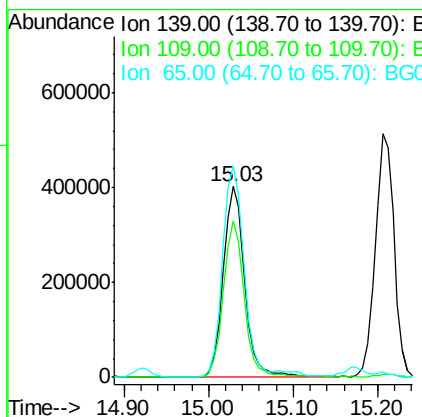
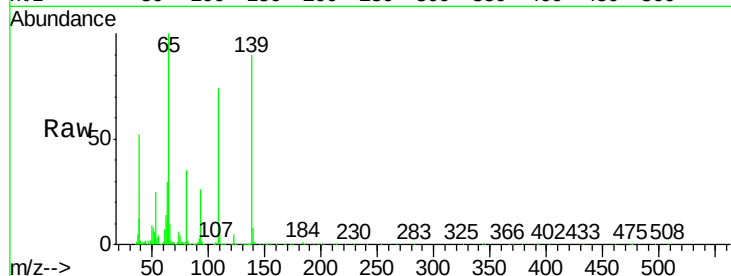
#55
4-Nitrophenol
Concen: 84.88 ng
RT: 15.03 min Scan# 2075
Delta R.T. -0.02 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	82.2	103.0	143.0#
65	110.8	112.7	152.7#

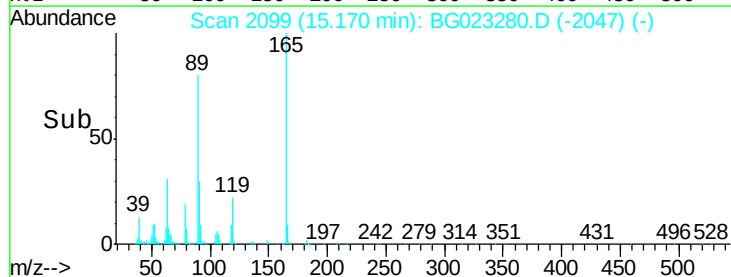
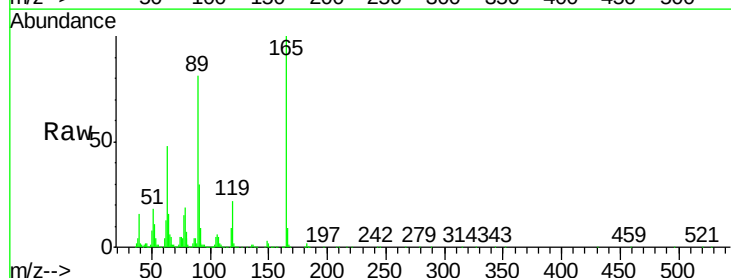
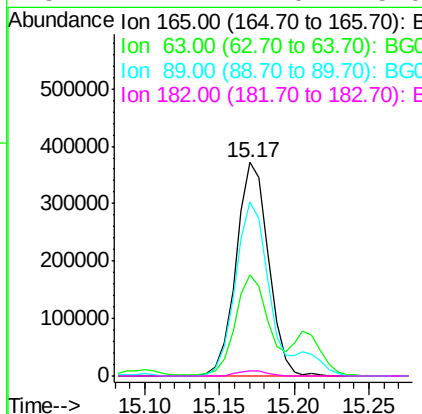
Manual Integrations

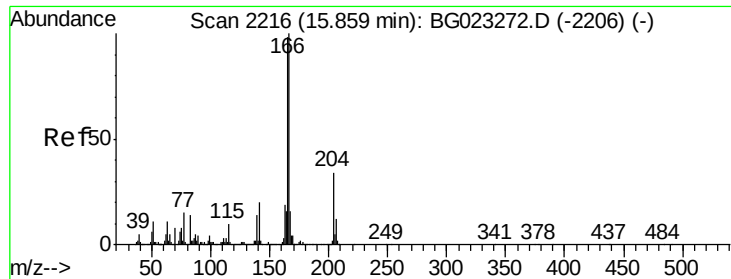
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#56
2,4-Dinitrotoluene
Concen: 41.47 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.6	45.8	68.6
89	81.2	68.6	102.8
182	2.2	2.0	3.0





#57

Fluorene

Concen: 41.39 ng

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:166 Resp: 1588699

Ion Ratio Lower Upper

166 100

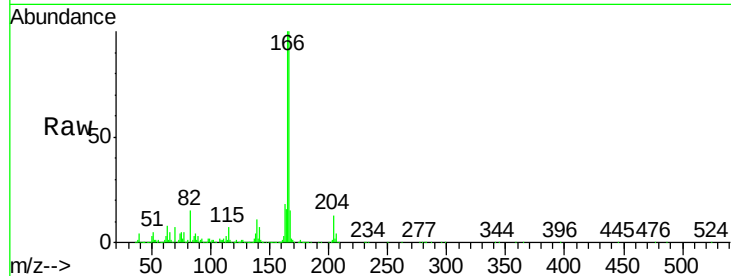
165 99.9 81.0 121.6

167 14.7 12.0 18.0

Manual Integrations

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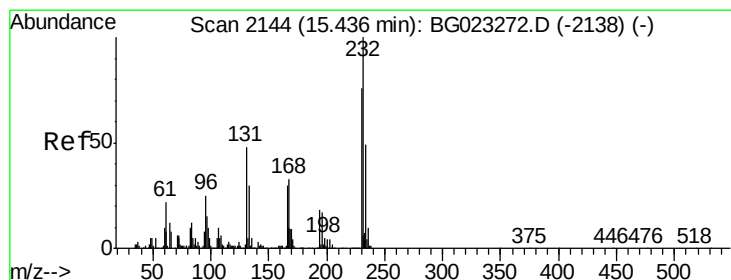
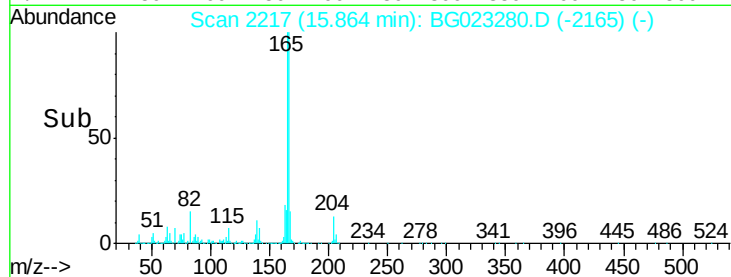
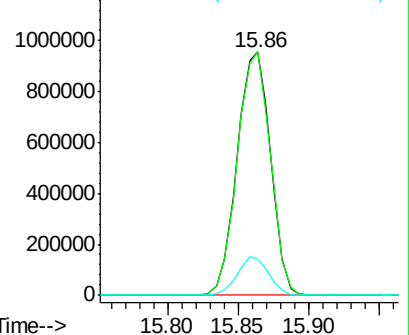
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.27 ng

RT: 15.43 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Tgt Ion:232 Resp: 446920

Ion Ratio Lower Upper

232 100

131 47.1 32.7 49.1

130 2.8 2.6 3.8

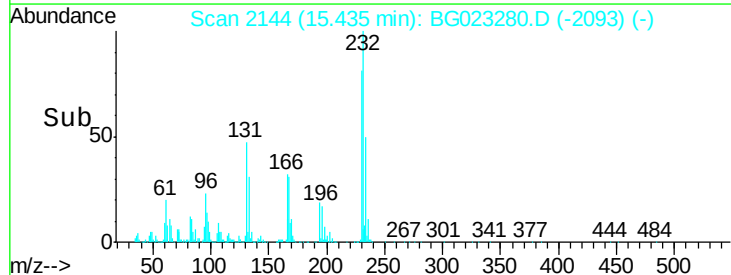
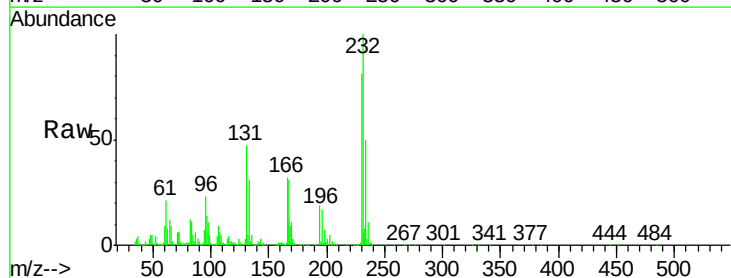
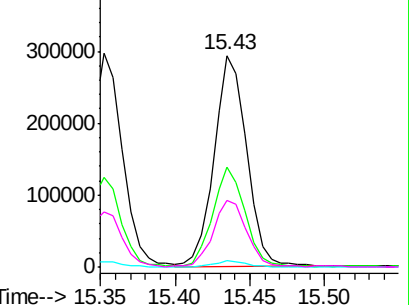
166 32.2 23.0 34.6

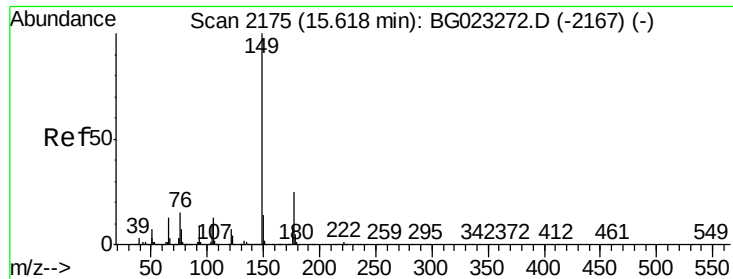
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





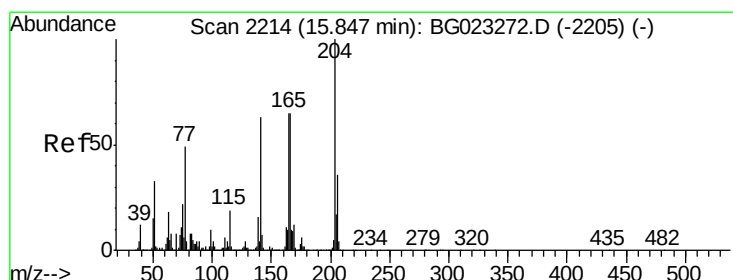
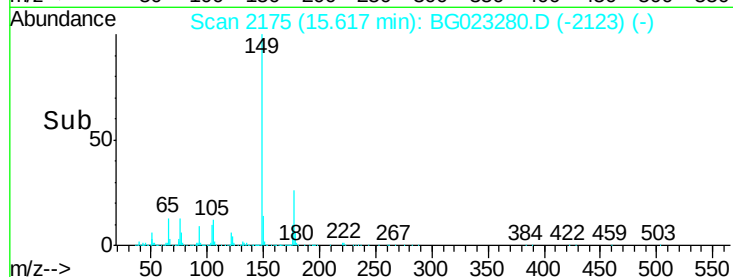
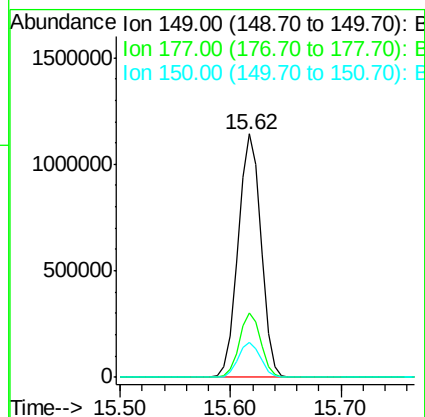
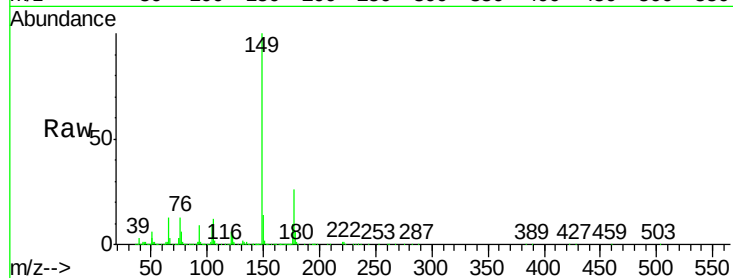
#59
Diethylphthalate
Concen: 39.68 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.5	19.2	28.8
150	14.4	10.6	16.0

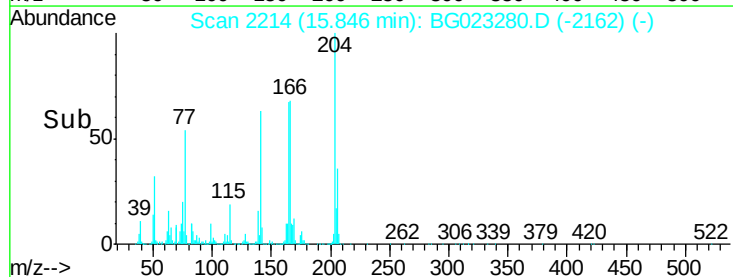
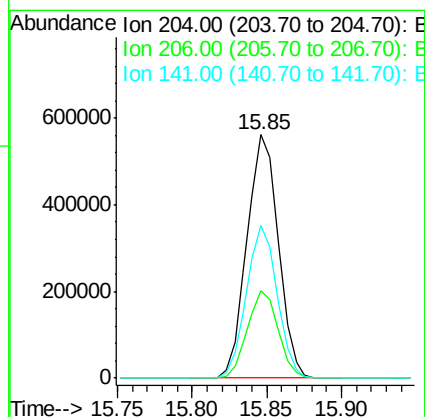
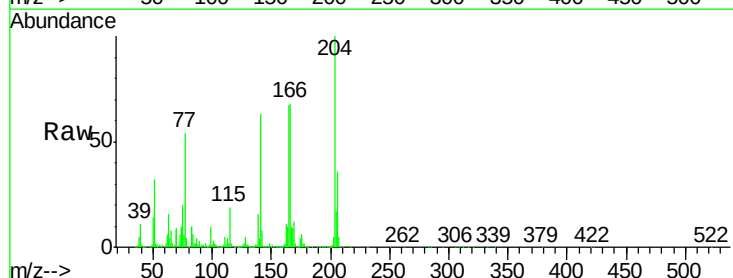
Manual Integrations

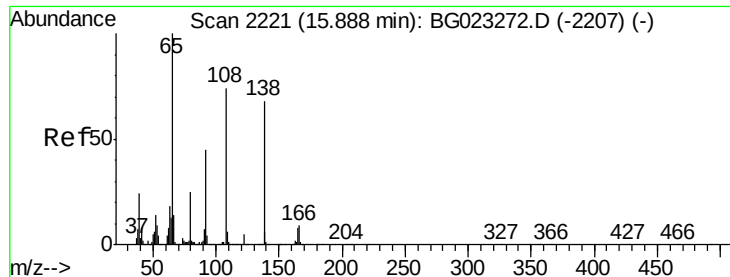
sohil
7/28/2016 4:58:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.16 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.5	42.7
141	62.7	51.4	77.0





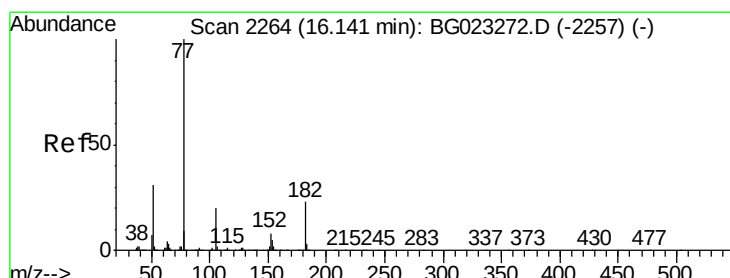
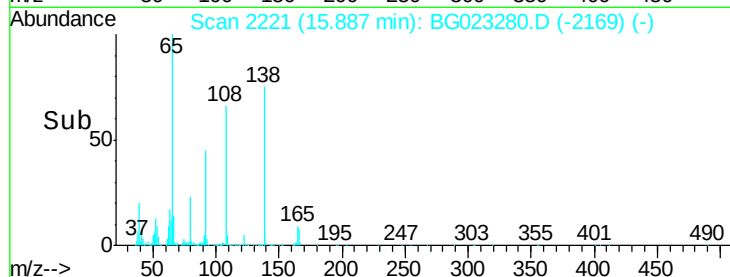
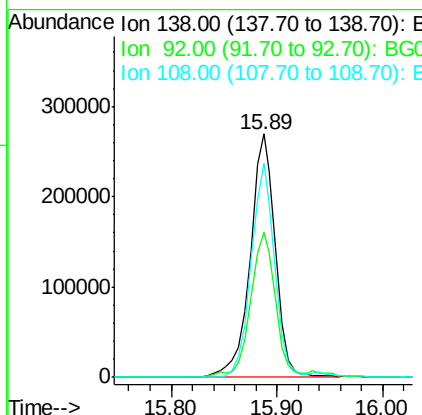
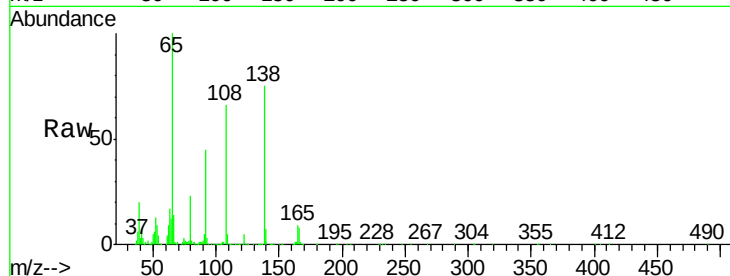
#61
4-Nitroaniline
Concen: 44.38 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.8	54.1	94.1
108	88.0	133.9	173.9#

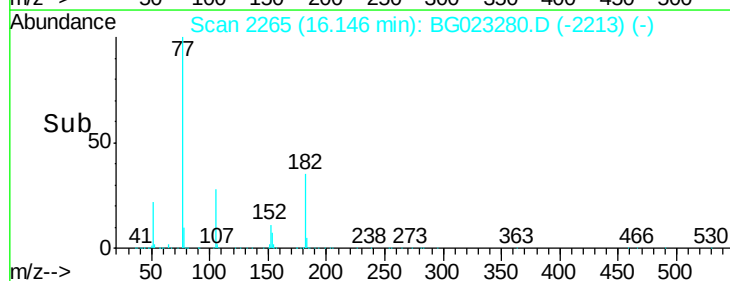
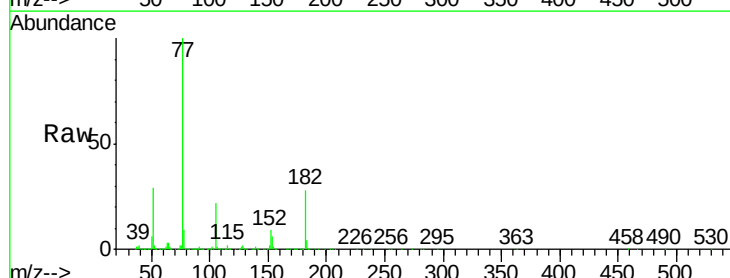
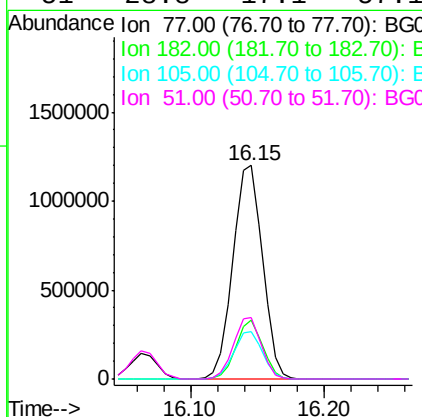
Manual Integrations

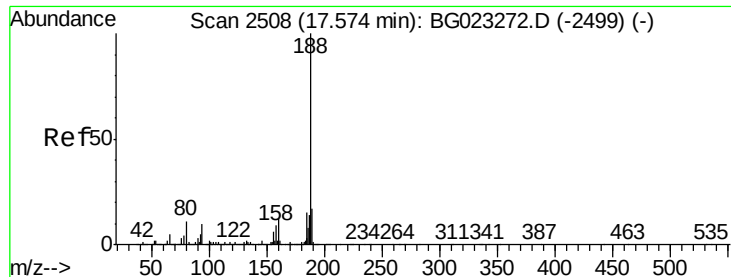
sohil
7/28/2016 4:58:06 PM



#62
Azobenzene
Concen: 42.74 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	3.5	43.5
105	22.5	0.0	38.5
51	28.8	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:188 Resp: 1292702

Ion Ratio Lower Upper

188 100

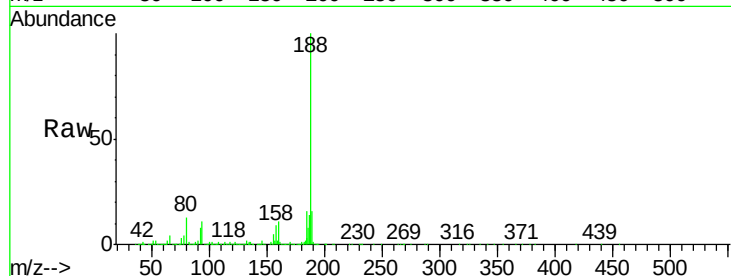
94 10.7 5.2 7.8#

80 13.3 7.2 10.8#

Manual Integrations

sohil

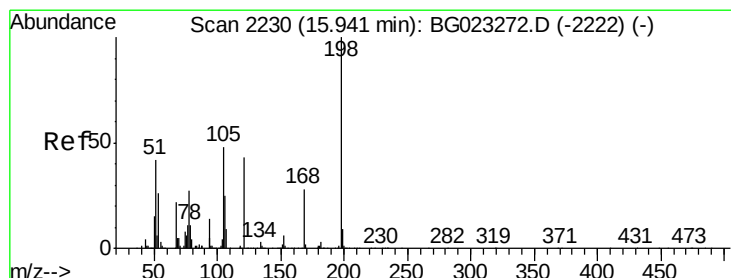
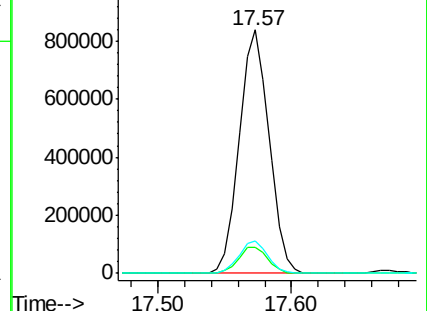
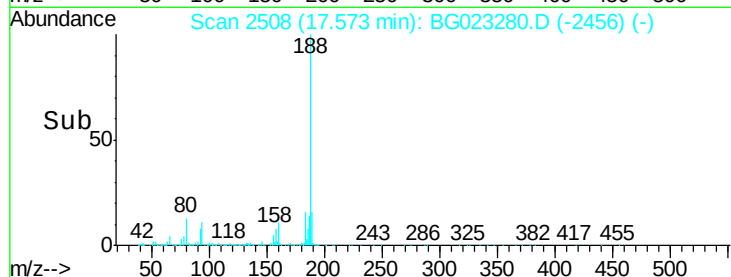
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG023280.D (-2456) (-)

Ion 80.00 (79.70 to 80.70): BG023280.D (-2456) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 40.71 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

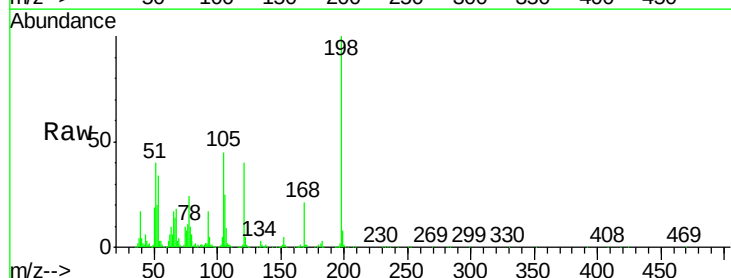
Tgt Ion:198 Resp: 337986

Ion Ratio Lower Upper

198 100

51 40.2 26.0 66.0

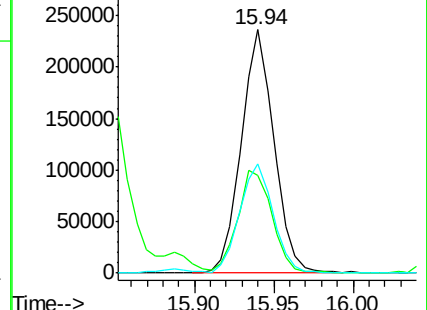
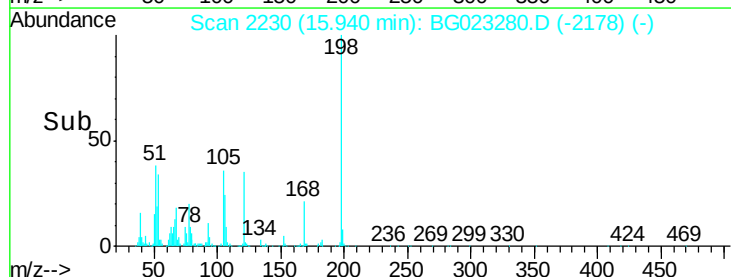
105 44.6 20.1 60.1

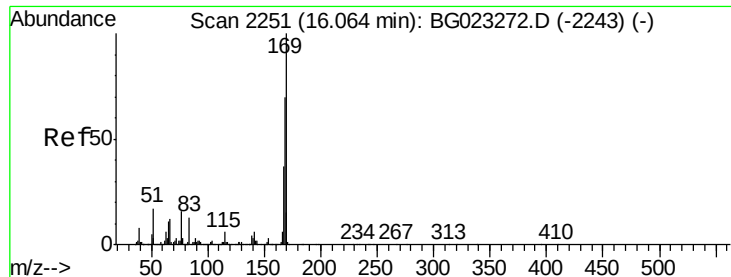


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG023280.D (-2178) (-)

Ion 105.00 (104.70 to 105.70): BG023280.D (-2178) (-)





#65

n-Nitrosodiphenylamine

Concen: 42.48 ng

RT: 16.06 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:169 Resp: 1466201

Ion Ratio Lower Upper

169 100

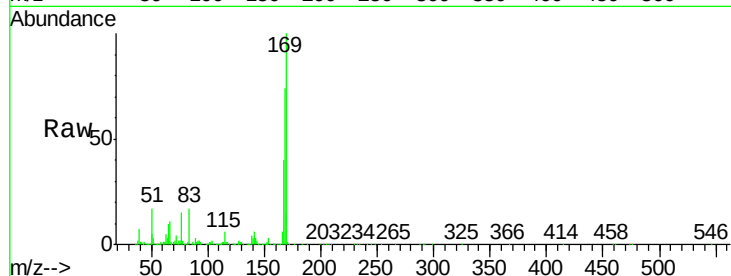
168 73.9 55.0 82.4

167 39.5 27.4 41.0

Manual Integrations

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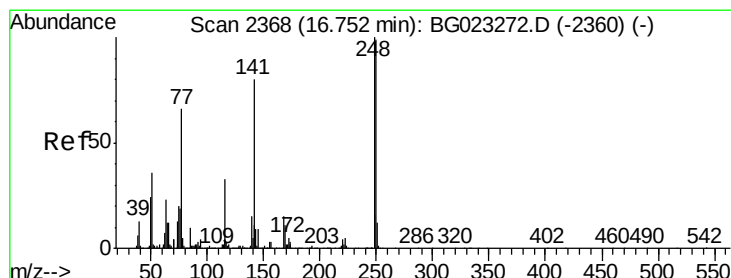
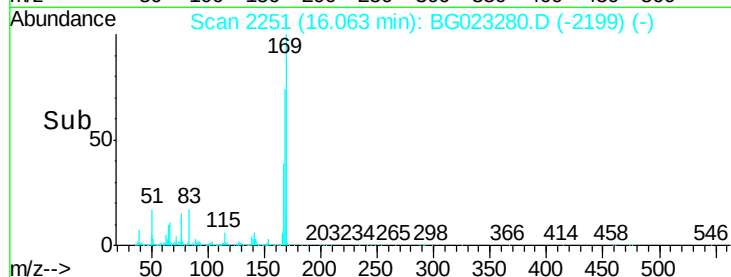
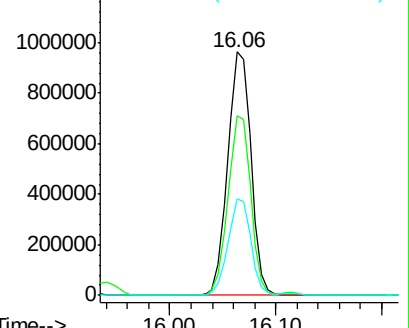
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.38 ng

RT: 16.75 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

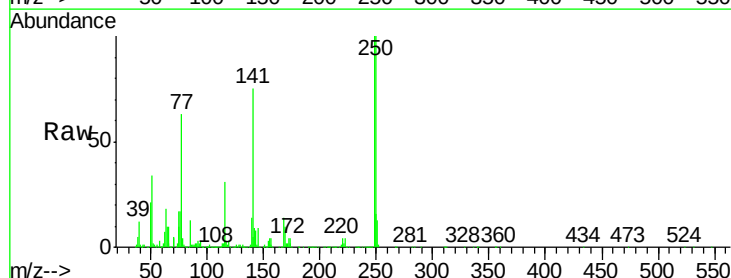
Tgt Ion:248 Resp: 553967

Ion Ratio Lower Upper

248 100

250 100.2 77.8 116.8

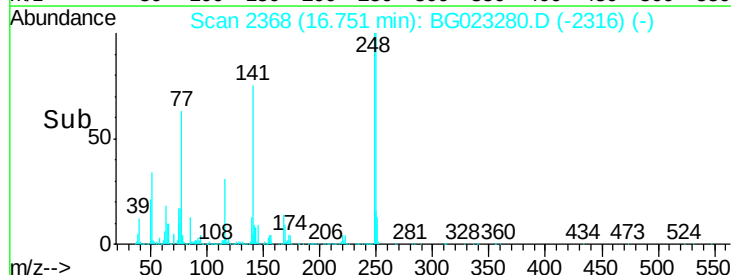
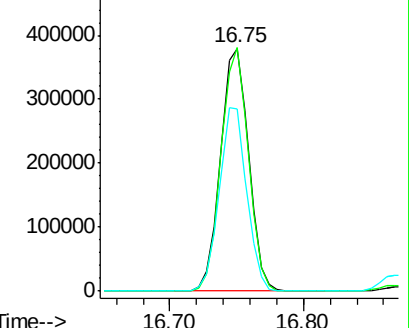
141 75.0 65.7 98.5

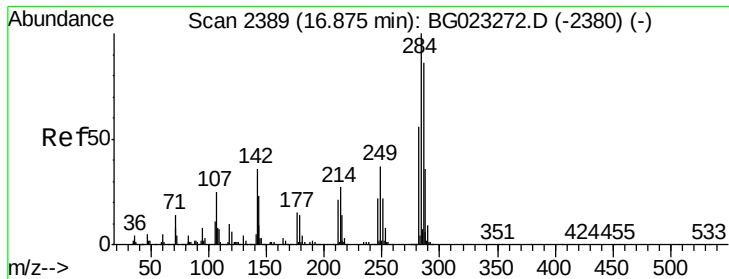


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.03 ng

RT: 16.87 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

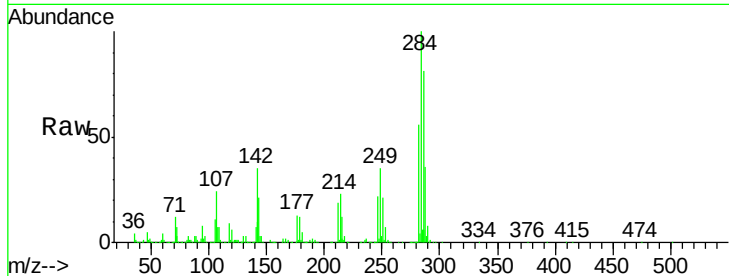
PB92399BS

Tot Ion:	284	Resp:	565543
Ion Ratio	Lower	Upper	
284	100		
142	35.0	26.8	40.2
249	34.9	28.9	43.3

Manual Integrations

sohil

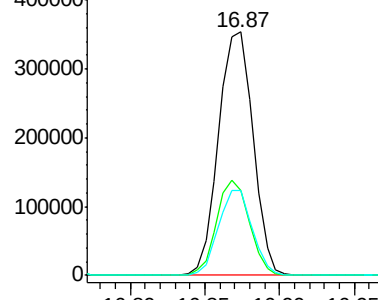
7/28/2016 4:58:06 PM



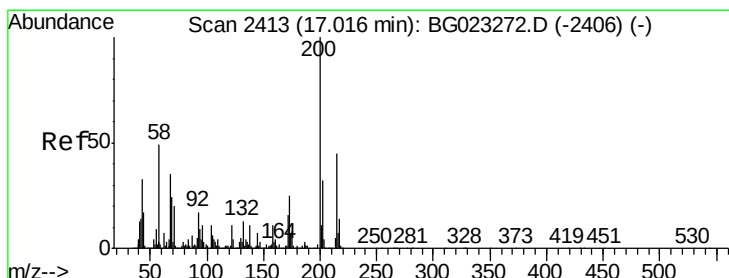
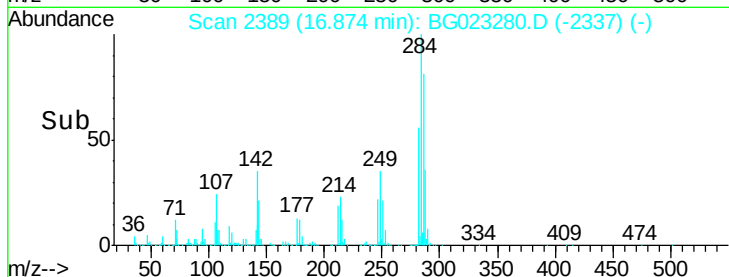
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 42.37 ng

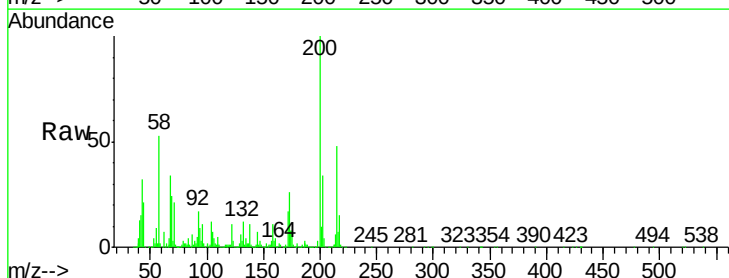
RT: 17.02 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

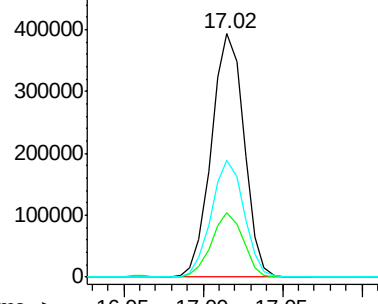
Tgt Ion:	200	Resp:	560940
Ion Ratio	Lower	Upper	
200	100		
173	26.4	1.6	41.6
215	48.2	28.7	68.7



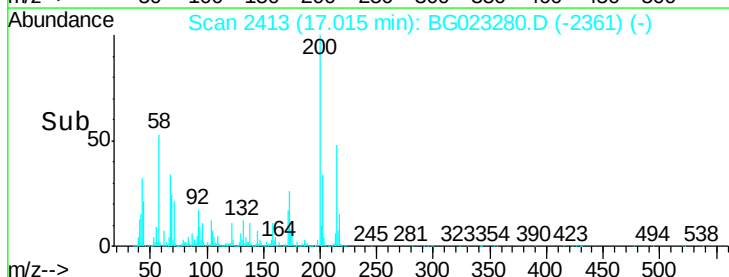
Abundance Ion 200.00 (199.70 to 200.70): E

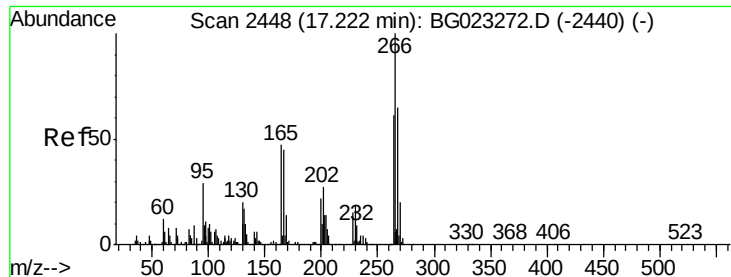
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->





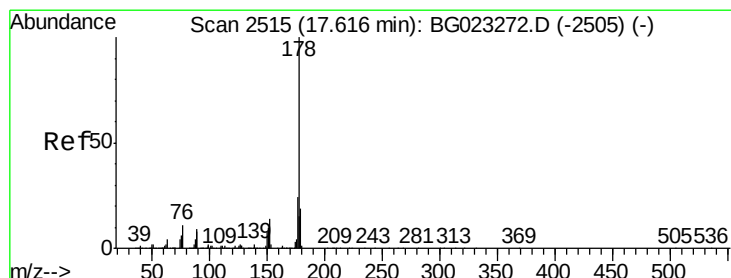
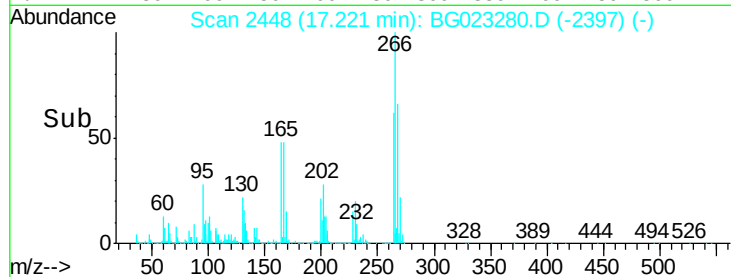
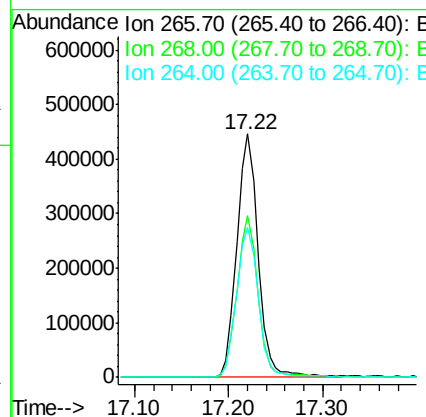
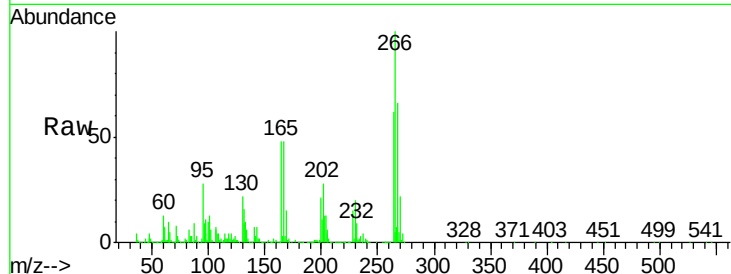
#69
 Pentachlorophenol
 Concen: 86.91 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	61.7	50.6	75.8

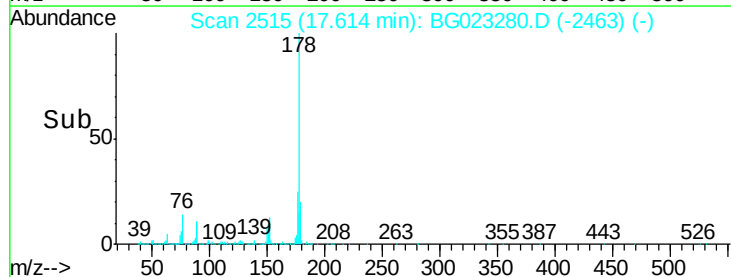
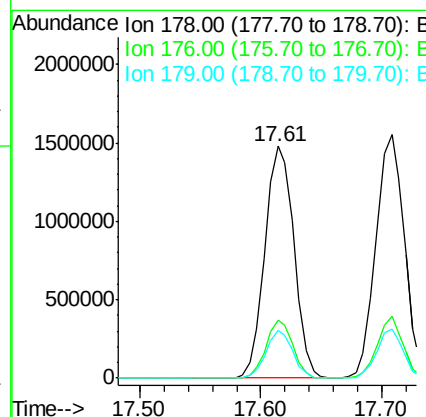
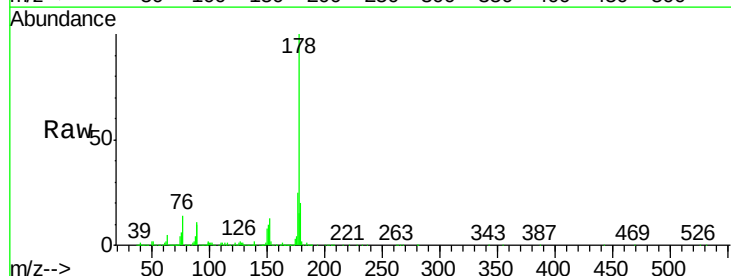
Manual Integrations

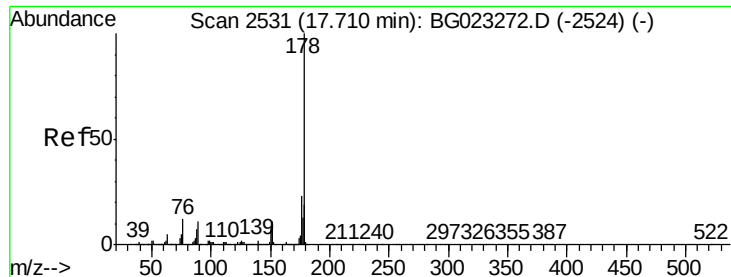
sohil
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#70
 Phenanthrene
 Concen: 43.96 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.8	16.8	25.2
179	20.4	14.3	21.5





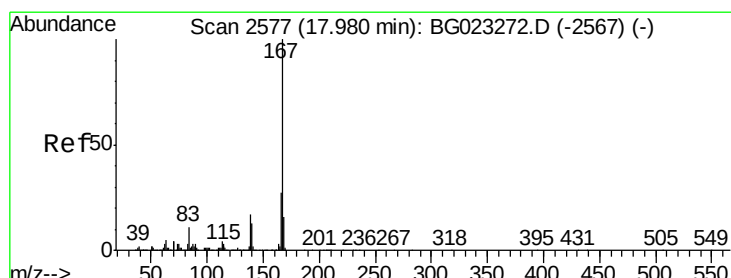
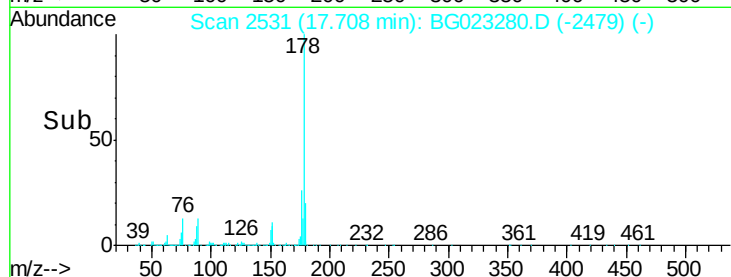
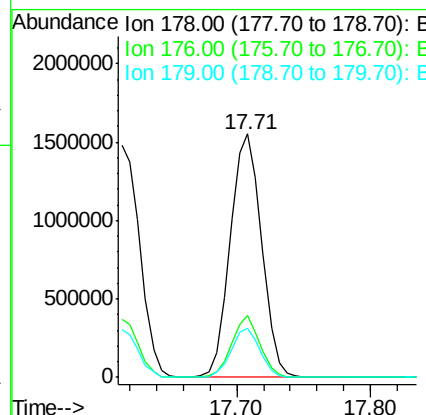
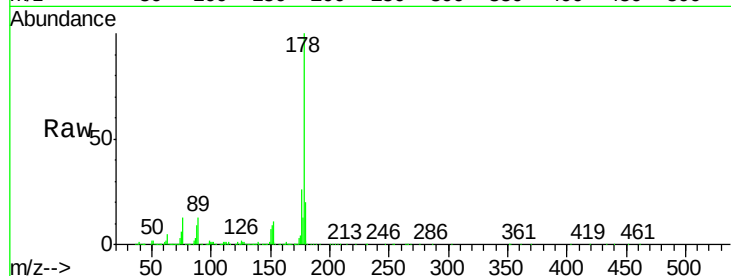
#71
 Anthracene
 Concen: 44.59 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Tot Ion:178 Resp: 2547666
 Ion Ratio Lower Upper
 178 100
 176 25.5 17.3 25.9
 179 20.0 14.0 21.0

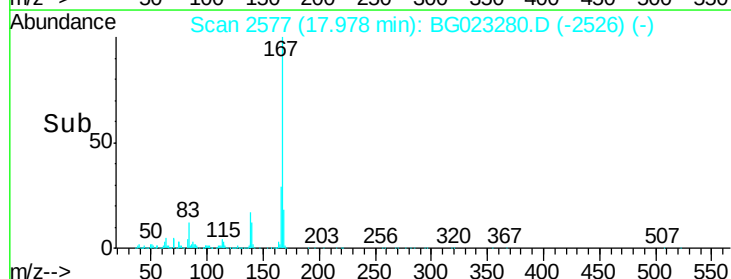
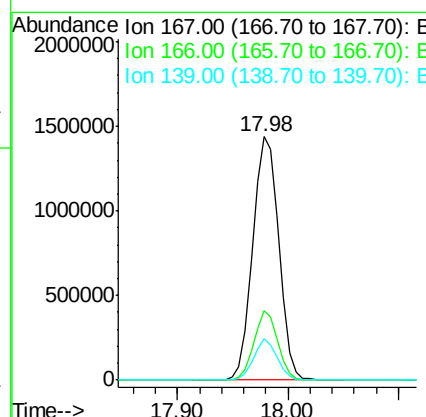
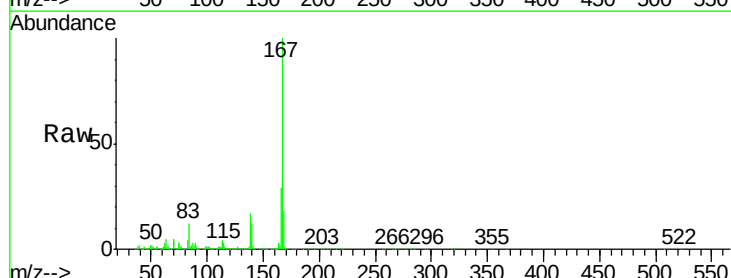
Manual Integrations

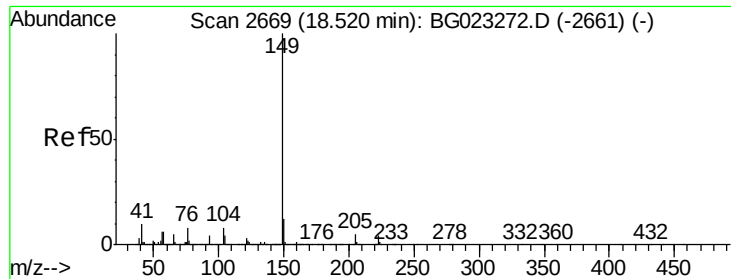
sohil
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#72
 Carbazole
 Concen: 45.53 ng
 RT: 17.98 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion:167 Resp: 2382465
 Ion Ratio Lower Upper
 167 100
 166 28.6 20.7 31.1
 139 17.0 11.9 17.9





#73

Di-n-butylphthalate

Concen: 44.47 ng

RT: 18.52 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:149 Resp: 2596415

Ion Ratio Lower Upper

149 100

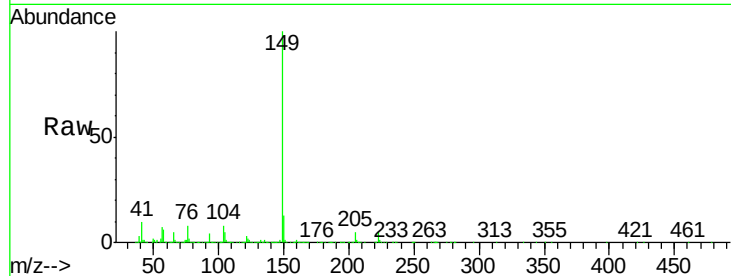
150 13.1 9.1 13.7

104 8.0 6.9 10.3

Manual Integrations

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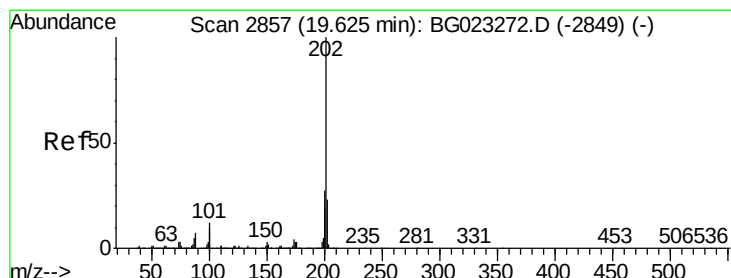
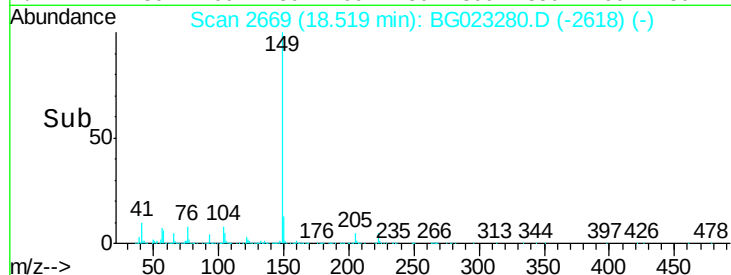
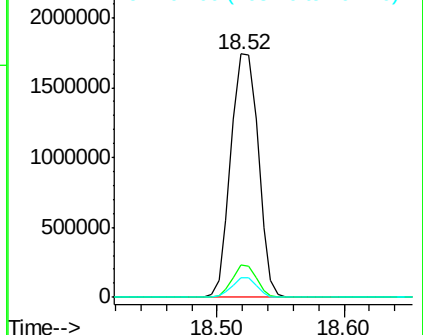
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.30 ng

RT: 19.62 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

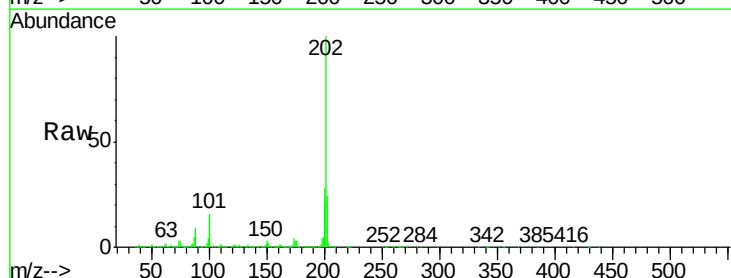
Tgt Ion:202 Resp: 2794194

Ion Ratio Lower Upper

202 100

101 16.2 0.0 27.4

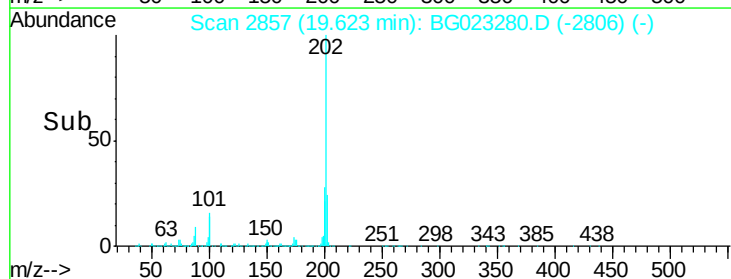
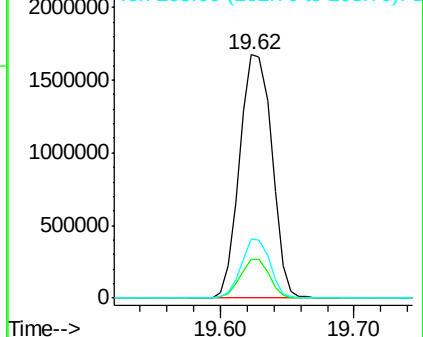
203 24.2 1.7 41.7

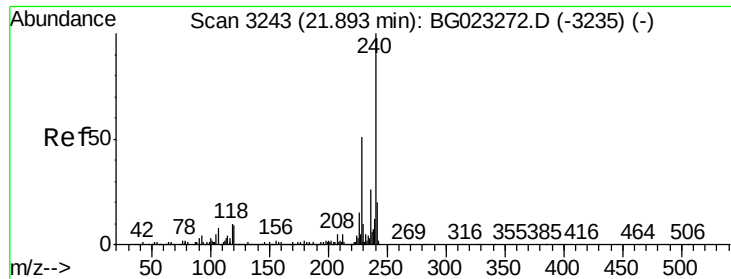


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampled :

PB92399BS

Tot Ion:240 Resp: 1290122

Ion Ratio Lower Upper

240 100

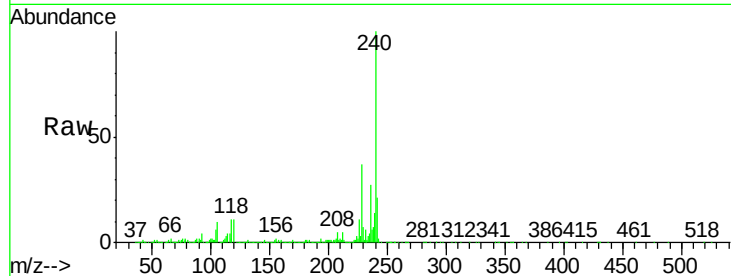
120 11.4 4.1 6.1#

236 27.4 21.1 31.7

Manual Integrations

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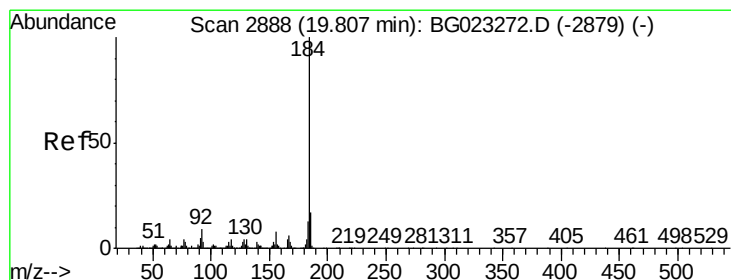
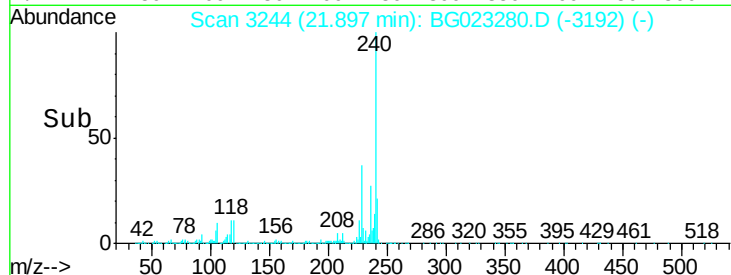
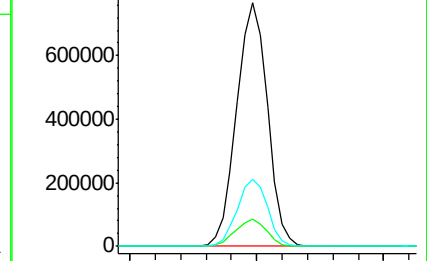
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 64.87 ng

RT: 19.81 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

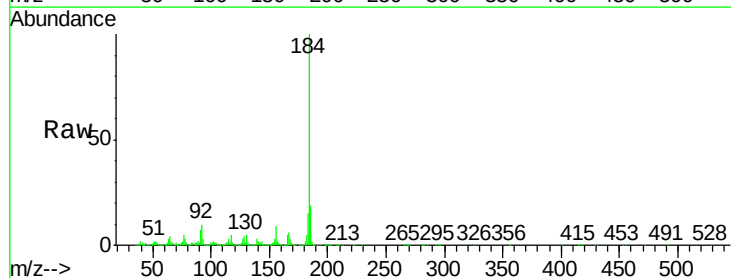
Tgt Ion:184 Resp: 2353692

Ion Ratio Lower Upper

184 100

185 18.6 12.6 19.0

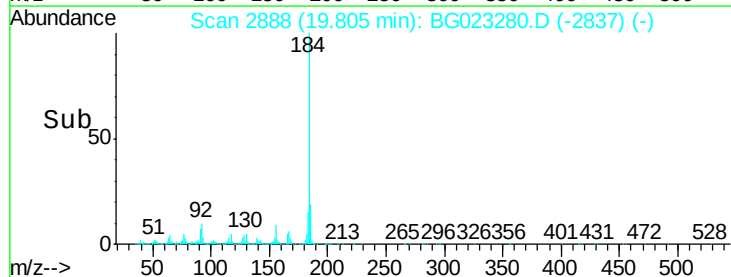
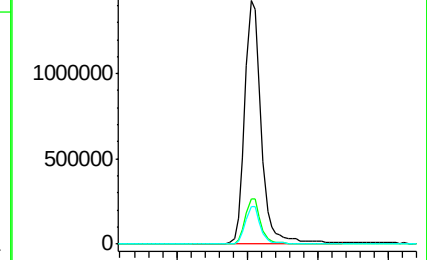
183 15.3 10.7 16.1

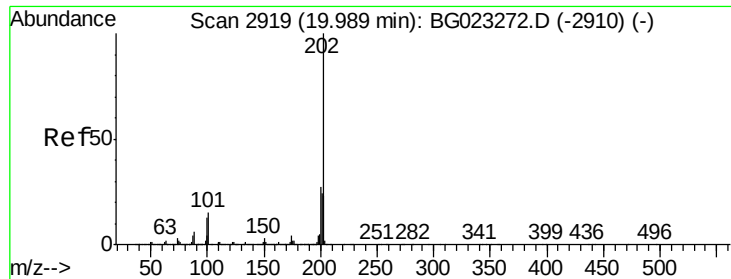


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





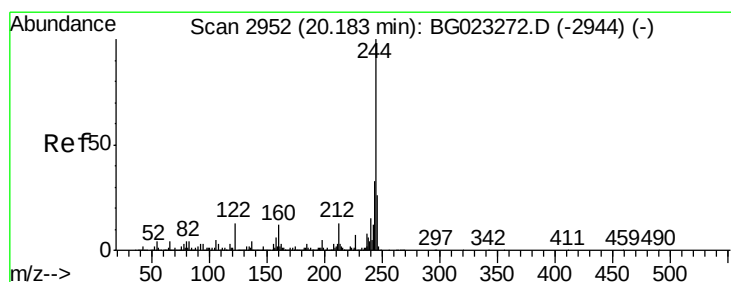
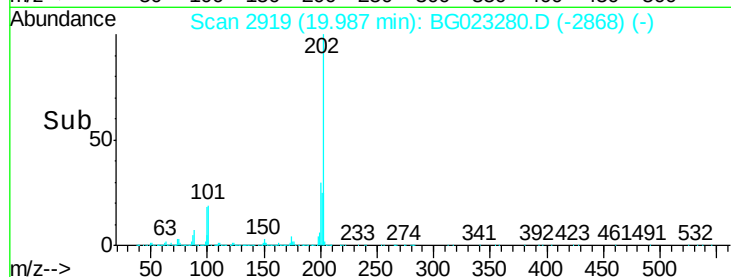
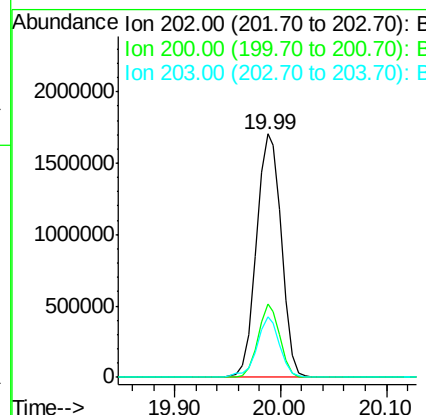
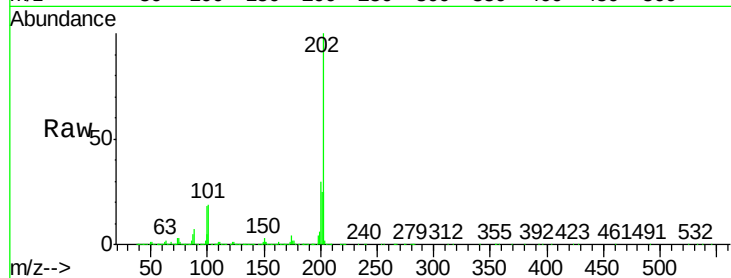
#77
Pvrene
Concen: 38.36 ng
RT: 19.99 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	30.0	21.2	31.8
203	24.7	16.8	25.2

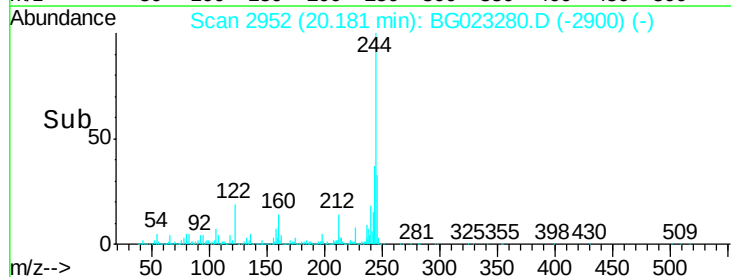
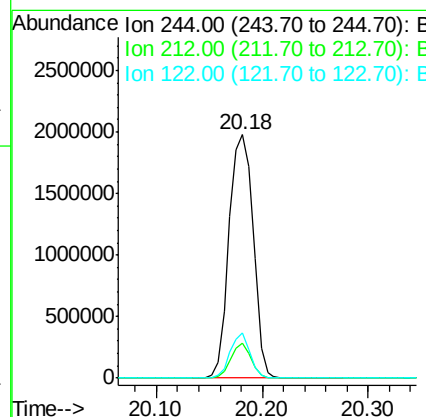
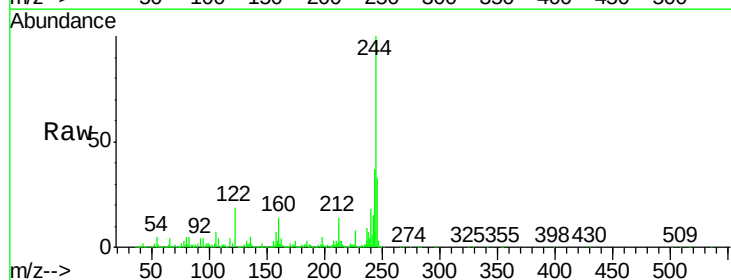
Manual Integrations

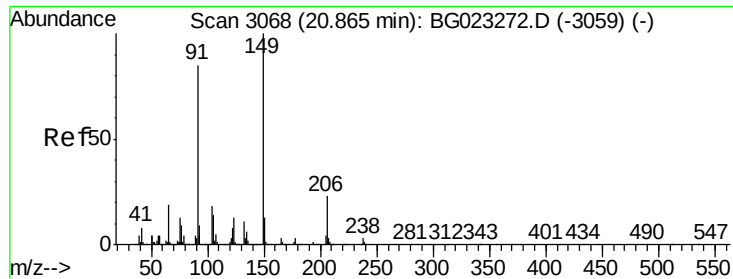
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#78
Terphenyl-d14
Concen: 78.67 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	14.4	10.8	16.2
122	18.5	8.0	12.0





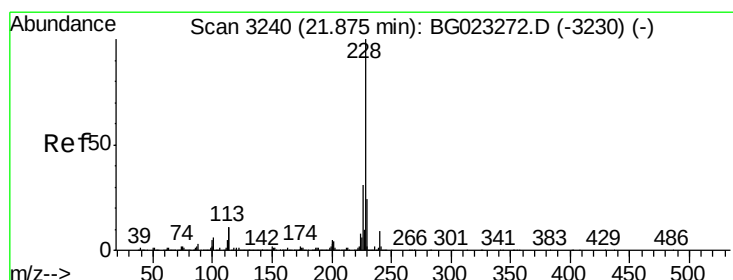
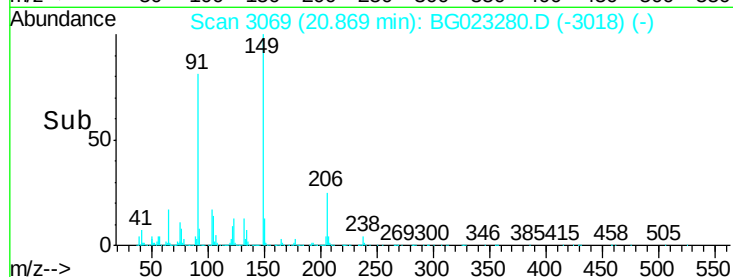
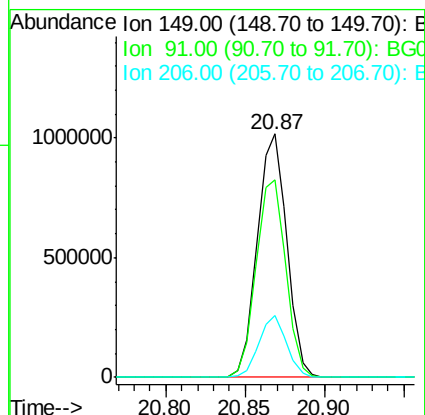
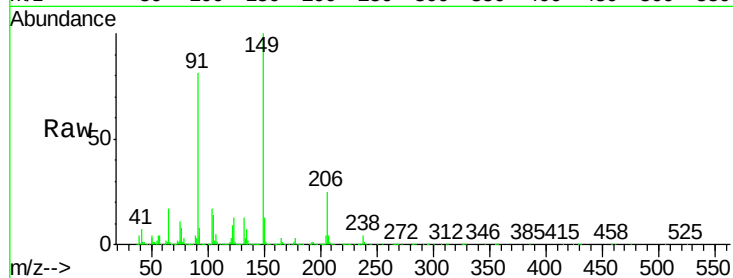
#79
Butylbenzylphthalate
Concen: 40.89 ng
RT: 20.87 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion:149 Resp: 1317125
Ion Ratio Lower Upper
149 100
91 81.3 68.1 102.1
206 25.3 19.8 29.6

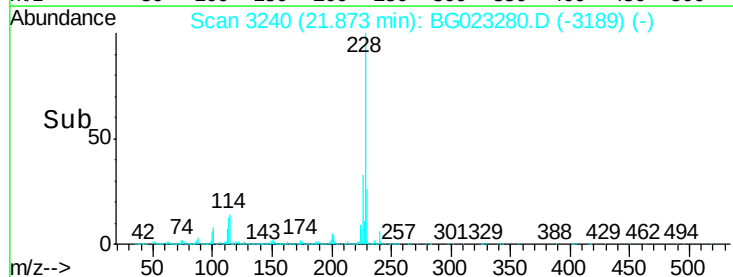
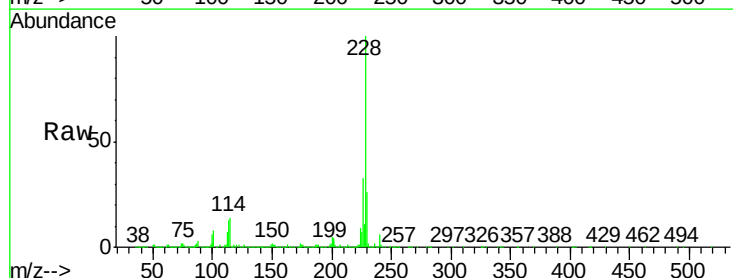
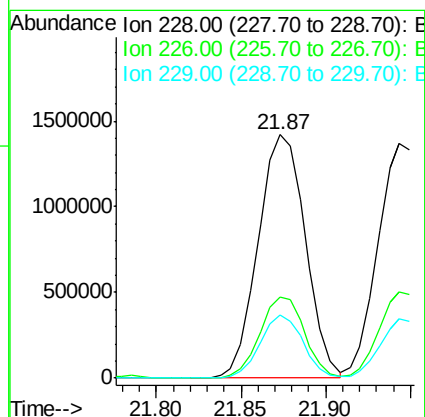
Manual Integrations

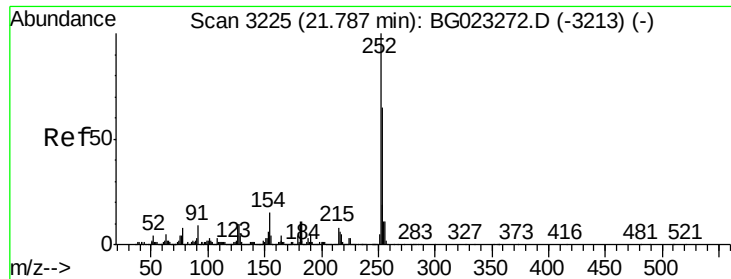
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#80
Benzo(a)anthracene
Concen: 40.81 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion:228 Resp: 2756478
Ion Ratio Lower Upper
228 100
226 33.5 25.3 37.9
229 25.9 19.9 29.9





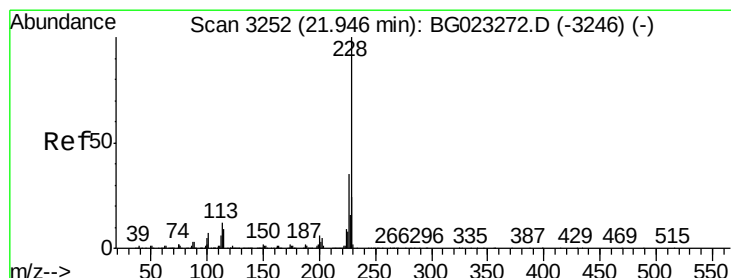
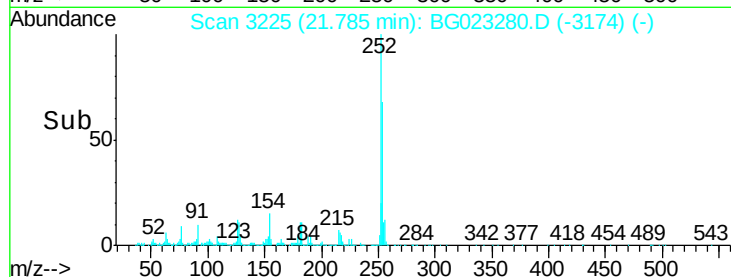
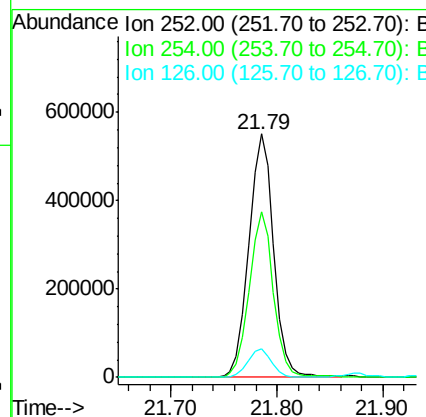
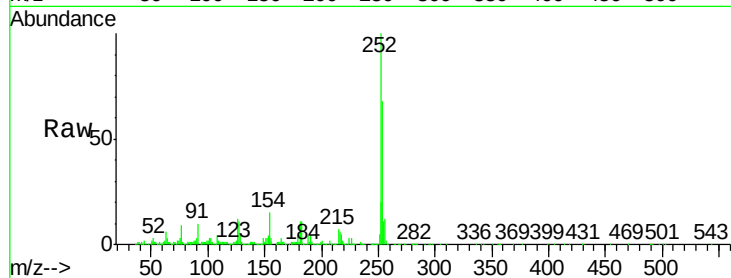
#81
 3,3'-Dichlorobenzidine
 Concen: 32.82 ng
 RT: 21.79 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.9	51.2	76.8
126	11.8	5.3	7.9

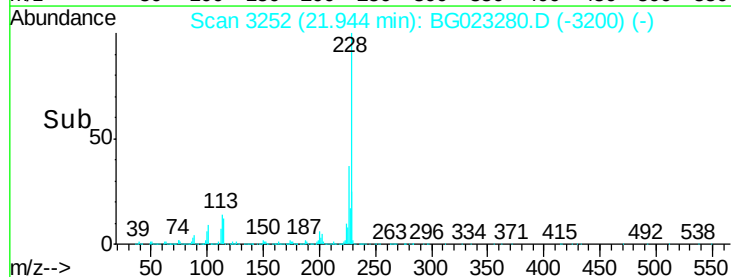
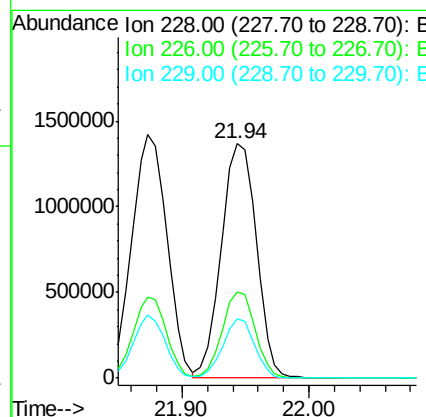
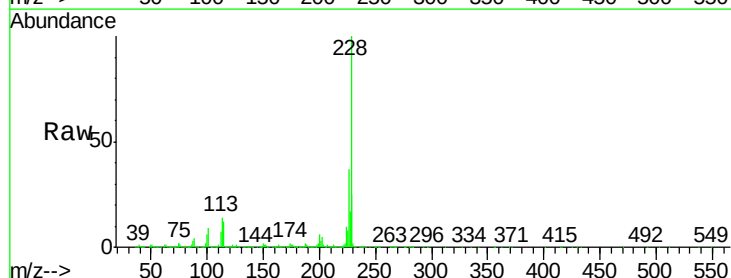
Manual Integrations

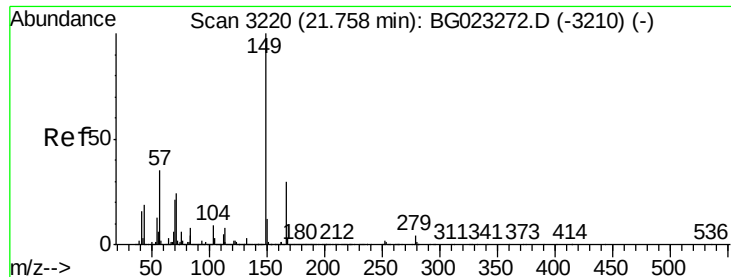
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#82
 Chrysene
 Concen: 40.19 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.8	26.7	40.1
229	25.3	17.4	26.2





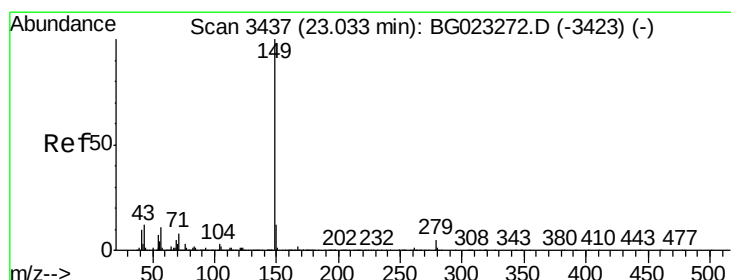
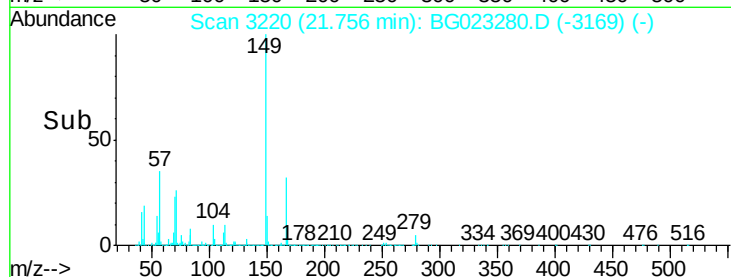
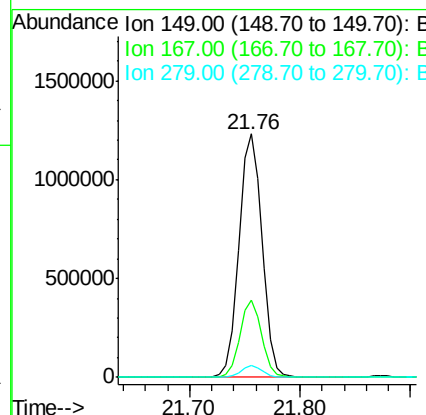
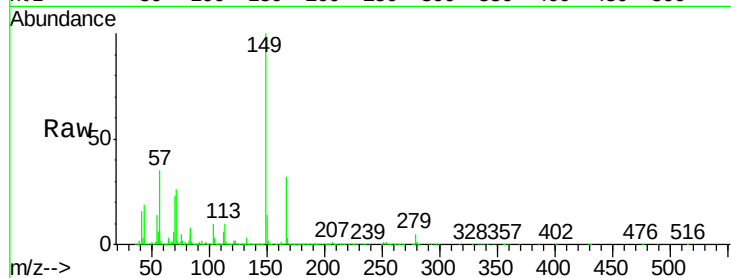
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.11 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Tot Ion:149 Resp: 1807753
 Ion Ratio Lower Upper
 149 100
 167 32.0 24.0 36.0
 279 4.9 4.8 7.2

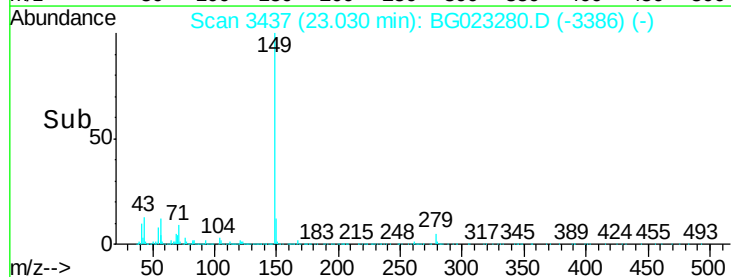
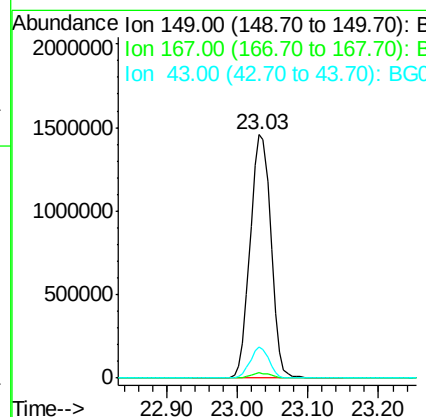
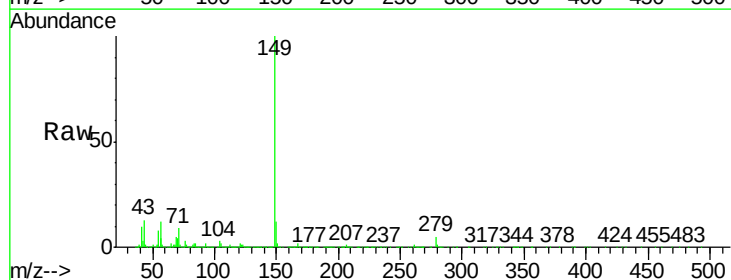
Manual Integrations

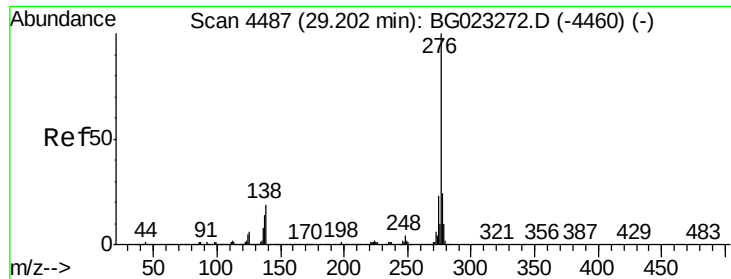
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#84
 Di-n-octyl phthalate
 Concen: 40.52 ng
 RT: 23.03 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Tgt Ion:149 Resp: 2987679
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 11.4 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.41 ng

RT: 29.20 min Scan# 4488

Delta R.T. 0.01 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

Instrument :

BNA_G

ClientSampleId :

PB92399BS

Tot Ion:276 Resp: 3532583

Ion Ratio Lower Upper

276 100

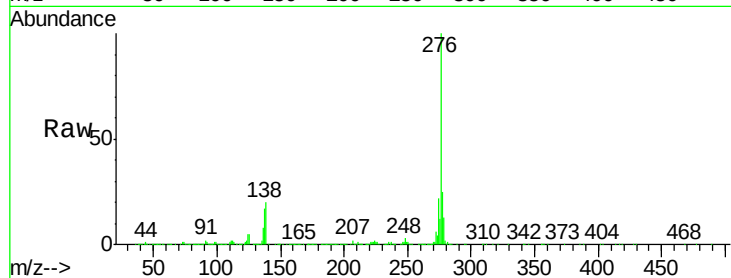
138 18.4 0.0 0.0#

277 26.5 0.0 0.0#

Manual Integrations

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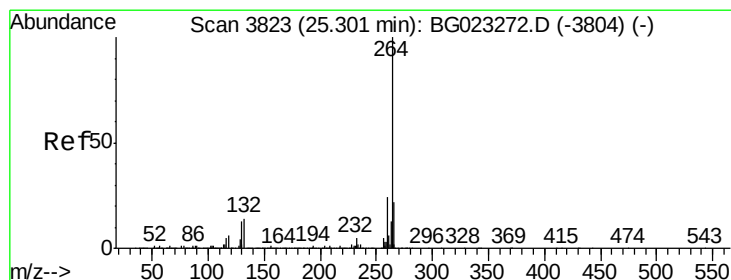
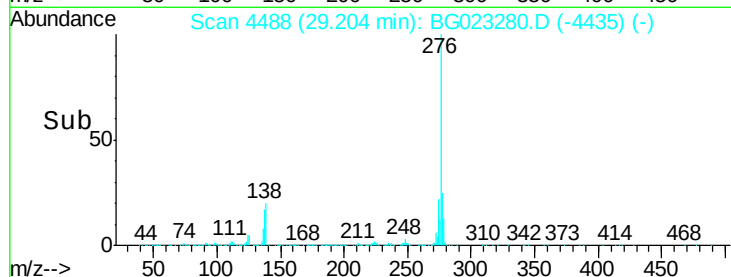
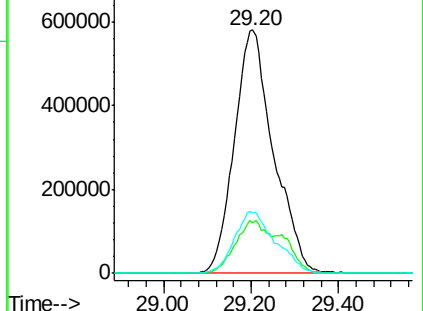
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BG023280.D

Acq: 27 Jul 2016 13:03

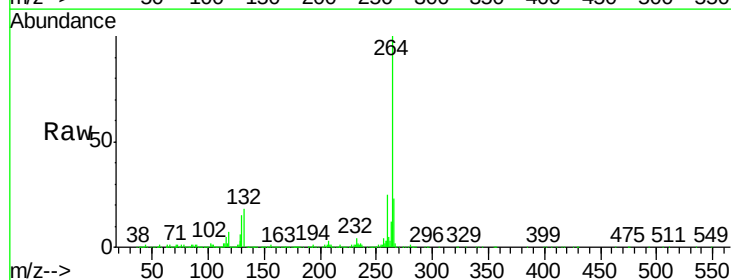
Tgt Ion:264 Resp: 1319419

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

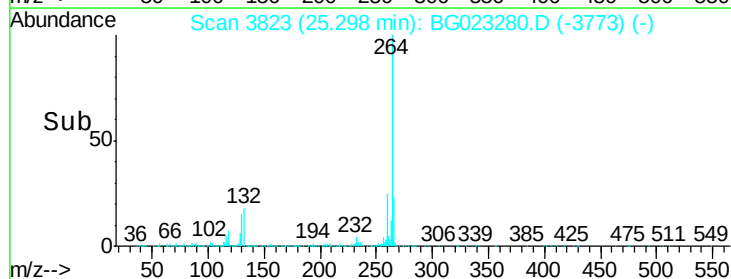
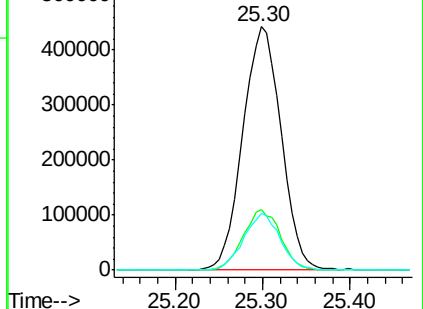
265 23.4 18.9 28.3

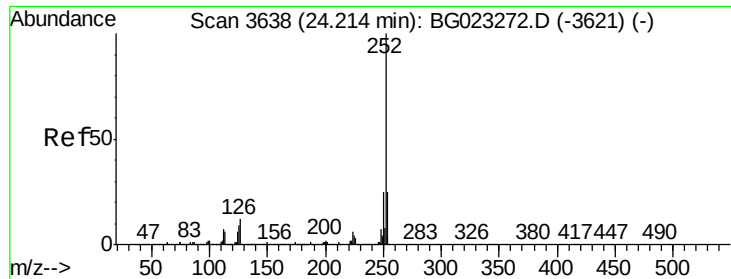


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





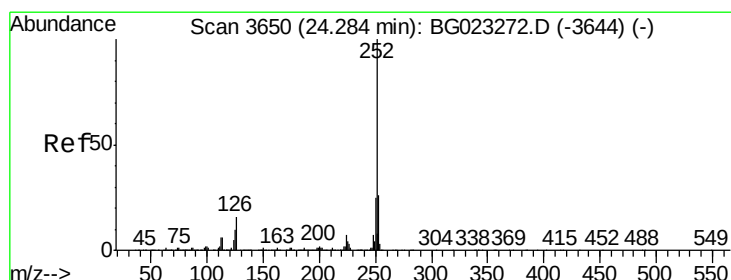
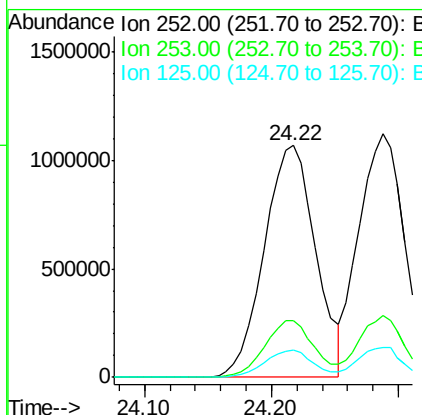
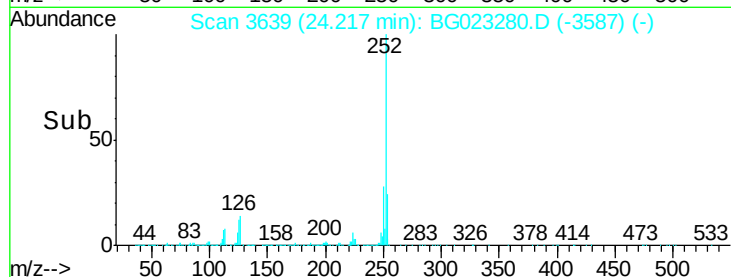
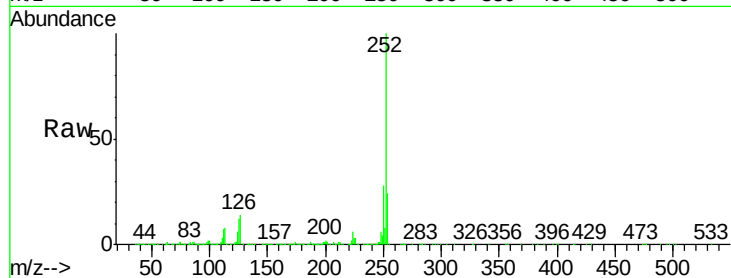
#87
Benzo(b)fluoranthene
Concen: 43.00 ng
RT: 24.22 min Scan# 3639
Delta R.T. 0.01 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion:252 Resp: 3014089
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 12.0 3.9 5.9#

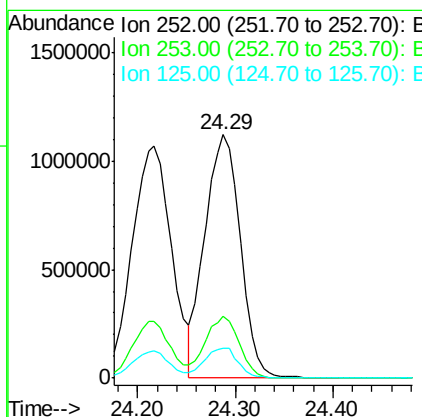
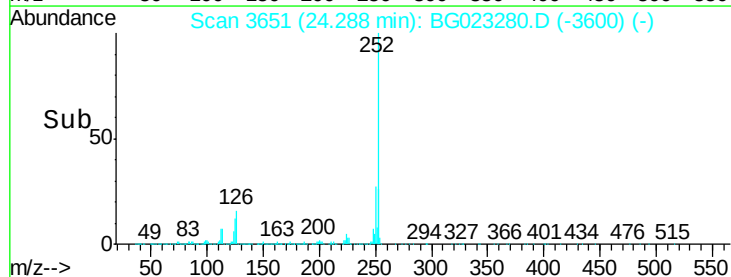
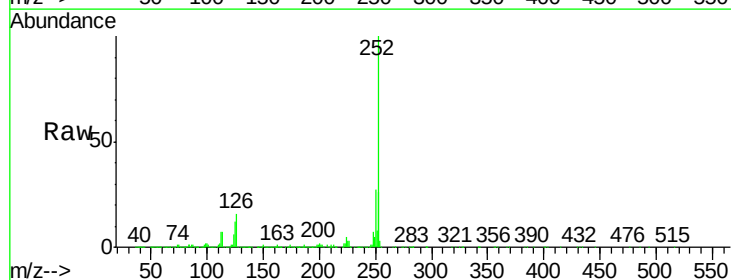
Manual Integrations

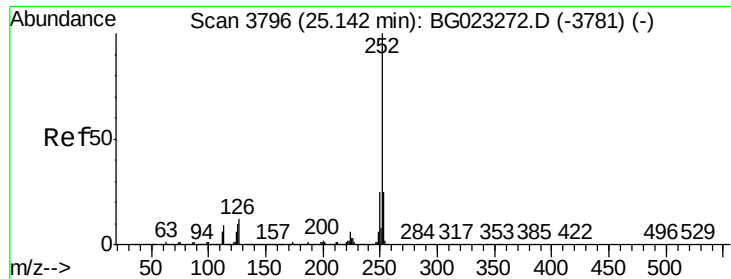
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#88
Benzo(k)fluoranthene
Concen: 40.24 ng
RT: 24.29 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion:252 Resp: 2819341
Ion Ratio Lower Upper
252 100
253 25.5 18.8 28.2
125 12.1 3.2 4.8#





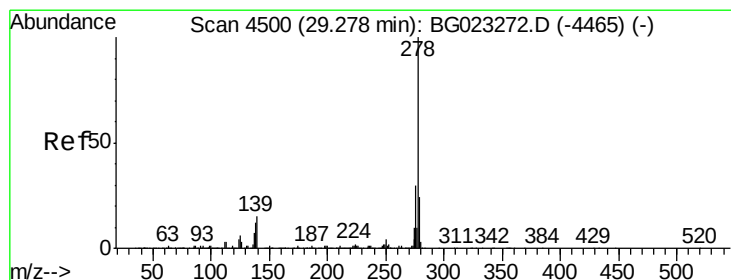
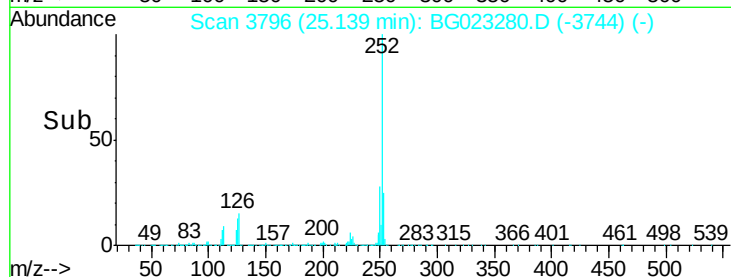
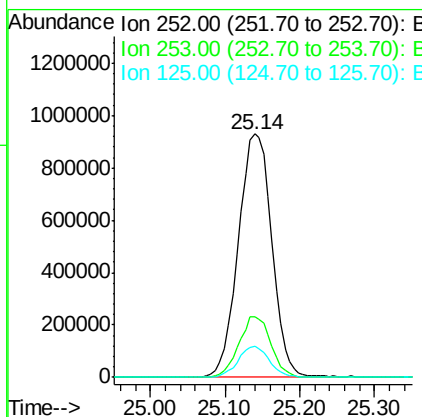
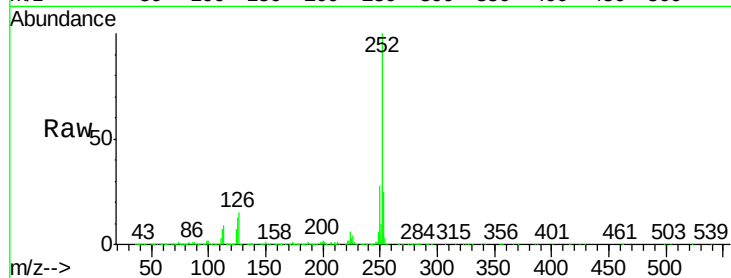
#89
Benzo(a)pyrene
Concen: 42.09 ng
RT: 25.14 min Scan# 3796
Delta R.T. 0.01 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Instrument :
BNA_G
ClientSampleId :
PB92399BS

Tot Ion:252 Resp: 2890680
Ion Ratio Lower Upper
252 100
253 24.9 18.7 28.1
125 12.7 3.9 5.9#

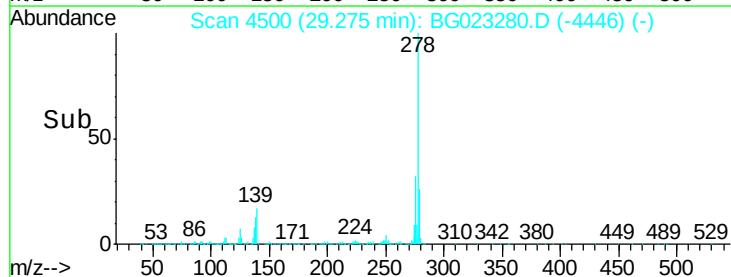
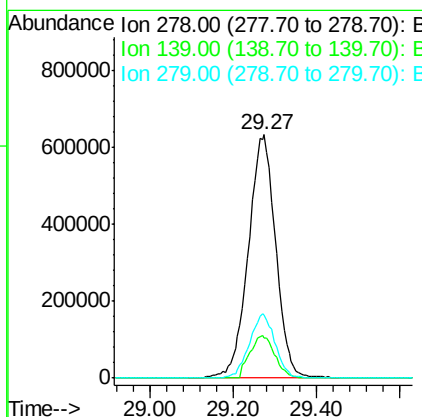
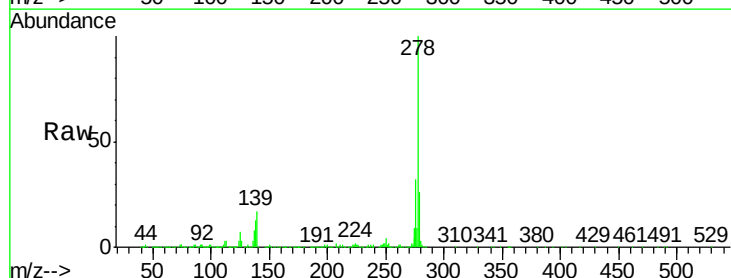
Manual Integrations

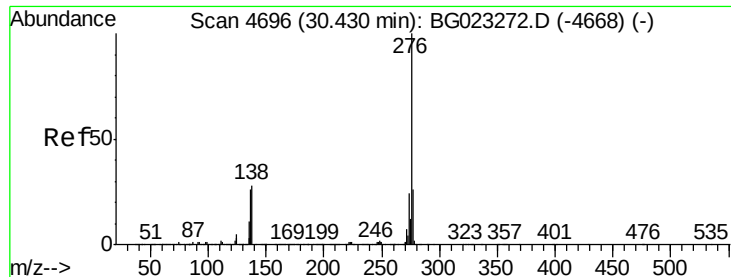
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#90
Dibenzo(a,h)anthracene
Concen: 44.63 ng
RT: 29.27 min Scan# 4500
Delta R.T. 0.02 min
Lab File: BG023280.D
Acq: 27 Jul 2016 13:03

Tgt Ion:278 Resp: 2899914
Ion Ratio Lower Upper
278 100
139 16.5 4.7 7.1#
279 26.1 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 42.69 ng
 RT: 30.43 min Scan# 4696
 Delta R.T. 0.01 min
 Lab File: BG023280.D
 Acq: 27 Jul 2016 13:03

Instrument :
 BNA_G
 ClientSampleId :
 PB92399BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	27.8
138	23.9	6.8	10.2

Manual Integrations

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