

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023226.D
 Acq On : 22 Jul 2016 22:04
 Operator : UM/SJ
 Sample : H4131-21MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:48:05 PM

Quant Time: Jul 23 00:10:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	126312	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	592513	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	417241	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	1006626	20.00	ng	0.02
75) Chrysene-d12	21.90	240	1040318	20.00	ng	0.02
86) Perylene-d12	25.30	264	965299	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	857289	111.00	ng	0.00
7) Phenol-d6	7.30	99	1244392	102.87	ng	0.00
23) Nitrobenzene-d5	9.32	82	987469	71.36	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	603257	80.45	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1840851	69.49	ng	0.02
78) Terphenyl-d14	20.18	244	2679606	79.82	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	79298	26.42	ng	# 72
3) Pyridine	3.95	79	229739	22.36	ng	97
4) n-Nitrosodimethylamine	3.86	42	155105	35.19	ng	# 94
6) Aniline	7.47	93	233385	13.92	ng	97
8) 2-Chlorophenol	7.70	128	312824	38.06	ng	96
9) Benzaldehyde	7.27	77	88355	10.93	ng	92
10) Phenol	7.33	94	449656	36.13	ng	89
11) bis(2-Chloroethyl)ether	7.56	93	344848	34.96	ng	91
12) 1,3-Dichlorobenzene	8.03	146	299490	29.77	ng	96
13) 1,4-Dichlorobenzene	8.18	146	303935	30.18	ng	98
14) 1,2-Dichlorobenzene	8.50	146	298063	29.77	ng	99
15) Benzyl Alcohol	8.38	79	391050	35.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	450739	37.41	ng	92
17) 2-Methylphenol	8.59	107	309103	38.15	ng	96
18) Hexachloroethane	9.24	117	126255	29.70	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	366579	33.62	ng	94
20) 3+4-Methylphenols	8.92	107	430165	38.07	ng	94
22) Acetophenone	8.97	105	580959	32.67	ng	# 95
24) Nitrobenzene	9.37	77	500603	34.05	ng	94
25) Isophorone	9.88	82	947520	34.05	ng	97
26) 2-Nitrophenol	10.08	139	194486	33.71	ng	91
27) 2,4-Dimethylphenol	10.13	122	344202	34.51	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	534168	34.41	ng	99
29) 2,4-Dichlorophenol	10.63	162	366528	34.46	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	358676	29.43	ng	95
31) Naphthalene	11.03	128	1005885	33.35	ng	98
32) Benzoic acid	10.27	122	229396	25.28	ng	97
33) 4-Chloroaniline	11.15	127	45838	3.11	ng	# 86
34) Hexachlorobutadiene	11.31	225	252219	25.53	ng	96
35) Caprolactam	11.92	113	117444m	26.84	ng	
36) 4-Chloro-3-methylphenol	12.26	107	468490	32.20	ng	95
37) 2-Methylnaphthalene	12.64	142	767286	32.19	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	446273	24.82	ng	97
40) Hexachlorocyclopentadiene	12.98	237	609184	58.85	ng	98

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023226.D
 Acq On : 22 Jul 2016 22:04
 Operator : UM/SJ
 Sample : H4131-21MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

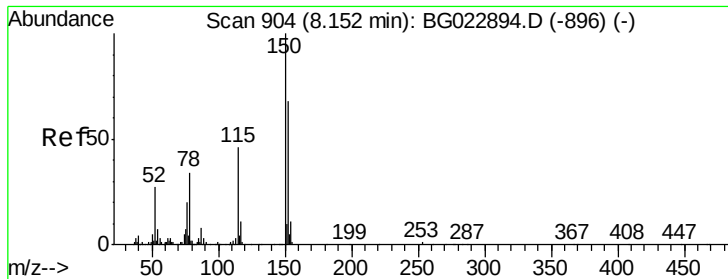
Manual Integrations
 APPROVED

sohil
 7/25/2016 6:48:05 PM

Quant Time: Jul 23 00:10:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	338824	32.79	ng	98
43) 2,4,5-Trichlorophenol	13.32	196	352845	33.25	ng	94
45) 1,1'-Biphenyl	13.64	154	1077819	34.43	ng	96
46) 2-Chloronaphthalene	13.69	162	891310	35.10	ng	97
47) 2-Nitroaniline	13.89	65	387118	35.73	ng	97
48) Acenaphthylene	14.54	152	1347411	35.37	ng	96
49) Dimethylphthalate	14.26	163	1199613	35.20	ng	98
50) 2,6-Dinitrotoluene	14.38	165	277077	36.17	ng	90
51) Acenaphthene	14.88	154	872433	35.05	ng	97
52) 3-Nitroaniline	14.72	138	75214	9.85	ng	97
53) 2,4-Dinitrophenol	14.93	184	362678	69.01	ng	94
54) Dibenzofuran	15.21	168	1402330	37.63	ng	99
55) 4-Nitrophenol	15.03	139	423990	66.22	ng	93
56) 2,4-Dinitrotoluene	15.18	165	402573	36.05	ng	95
57) Fluorene	15.86	166	1128342	35.18	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.44	232	357995	33.72	ng	97
59) Diethylphthalate	15.62	149	1260799	36.36	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	611476	31.31	ng	99
61) 4-Nitroaniline	15.89	138	228910	27.70	ng	# 80
62) Azobenzene	16.15	77	1425705	42.98	ng	94
64) 4,6-Dinitro-2-methylphenol	15.94	198	252659	33.77	ng	87
65) n-Nitrosodiphenylamine	16.07	169	984601	33.95	ng	97
66) 4-Bromophenyl-phenylether	16.75	248	411532	31.42	ng	98
67) Hexachlorobenzene	16.87	284	418676	29.40	ng	97
68) Atrazine	17.01	200	118930	9.24	ng	97
69) Pentachlorophenol	17.22	266	548003	59.43	ng	97
70) Phenanthrene	17.62	178	1856055	37.62	ng	97
71) Anthracene	17.71	178	1890311	37.84	ng	97
72) Carbazole	17.98	167	1561237	36.17	ng	99
73) Di-n-butylphthalate	18.52	149	2041303	42.53	ng	98
74) Fluoranthene	19.63	202	2156881	35.63	ng	98
77) Pyrene	19.99	202	2178931	37.27	ng	99
79) Butylbenzylphthalate	20.87	149	984233	42.51	ng	97
80) Benzo(a)anthracene	21.88	228	2144530	36.85	ng	97
81) 3,3'-Dichlorobenzidine	21.79	252	111462	4.36	ng	# 90
82) Chrysene	21.94	228	2012180	36.85	ng	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1347503	41.91	ng	# 98
84) Di-n-octyl phthalate	23.04	149	2284507	42.60	ng	99
85) Indeno(1,2,3-cd)pyrene	29.21	276	2316222	33.27	ng	# 100
87) Benzo(b)fluoranthene	24.22	252	2194441	39.40	ng	# 98
88) Benzo(k)fluoranthene	24.29	252	2096468	39.67	ng	# 98
89) Benzo(a)pyrene	25.15	252	2066676	38.71	ng	# 97
90) Dibenzo(a,h)anthracene	29.28	278	1975784	37.29	ng	# 94
91) Benzo(g,h,i)perylene	30.43	276	1884679	35.52	ng	# 92

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



#1

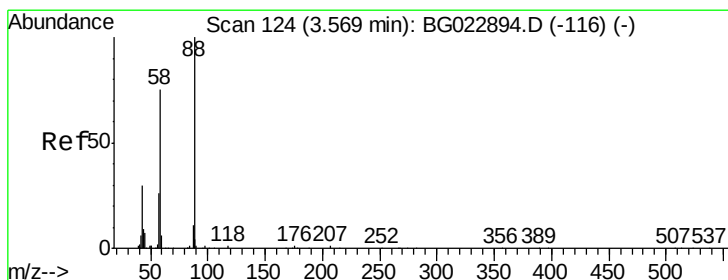
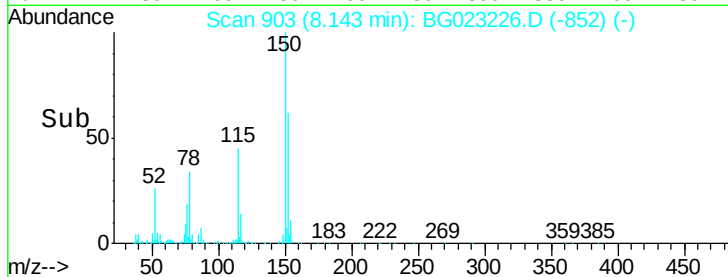
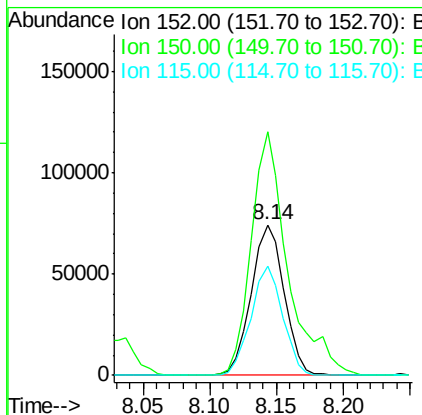
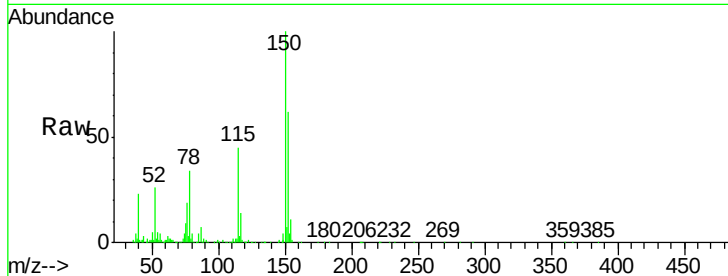
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.5	144.7	217.1
115	72.2	64.0	96.0

Manual Integrations
APPROVED

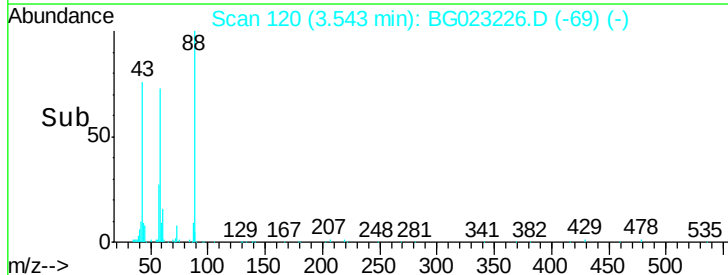
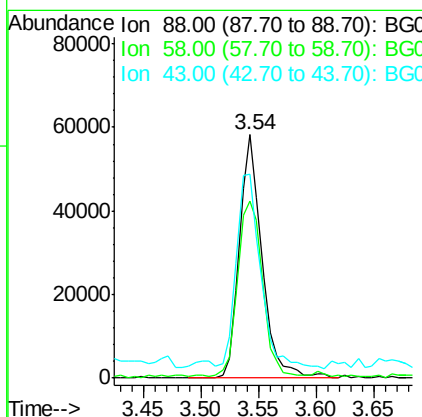
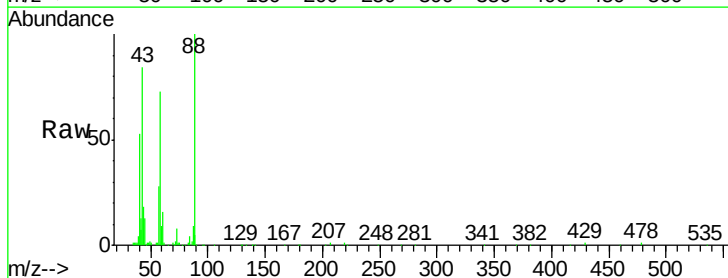
sohil
7/25/2016 6:48:05 PM

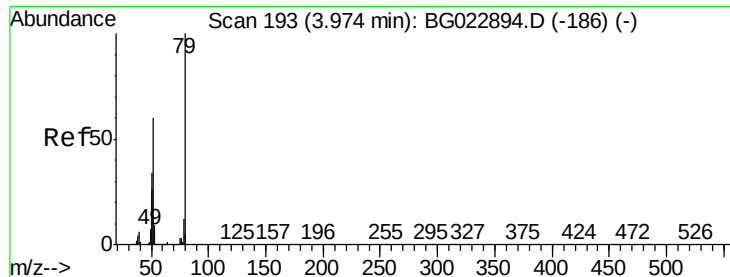


#2

1,4-Dioxane
Concen: 26.42 ng
RT: 3.54 min Scan# 120
Delta R.T. -0.00 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	60.4	90.6
43	86.7	31.1	46.7





#3

Pyridine

Concen: 22.36 ng

RT: 3.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

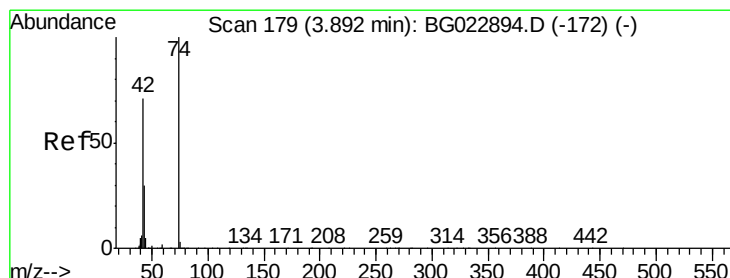
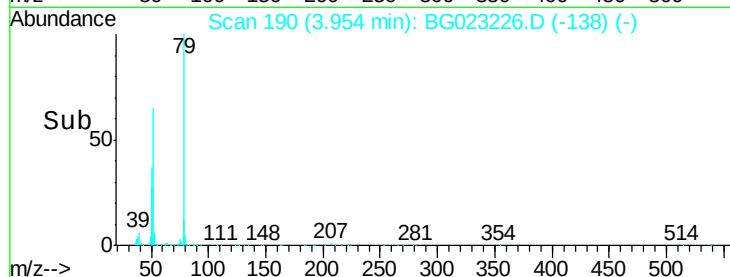
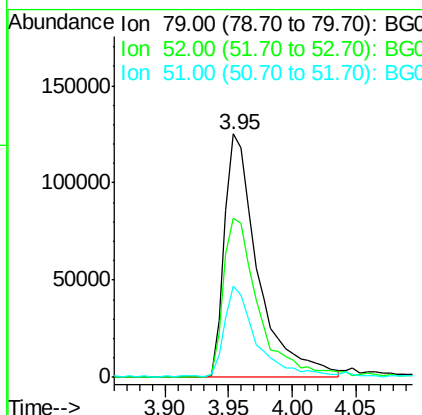
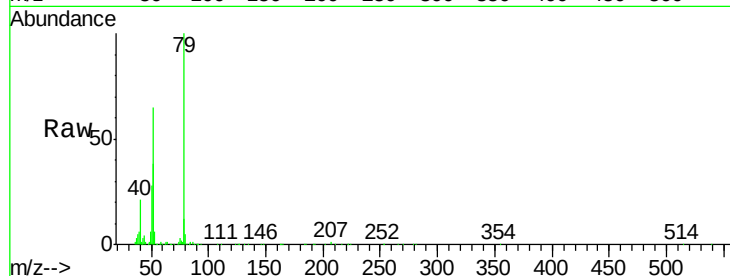
ClientSampleId :

D-2MSD

Tgt Ion:	79	Resp:	229739
Ion	Ratio	Lower	Upper
79	100		
52	65.4	51.8	77.8
51	37.6	32.7	49.1

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM



#4

n-Nitrosodimethylamine

Concen: 35.19 ng

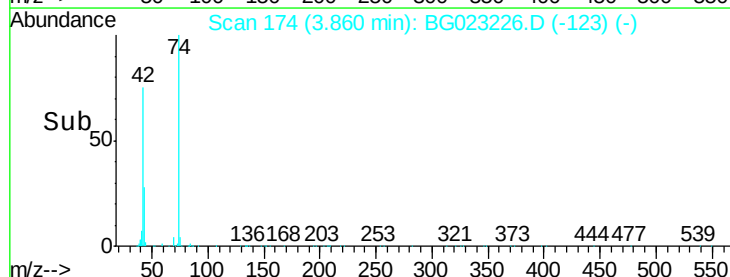
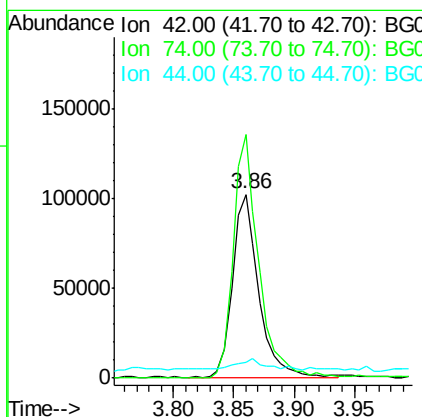
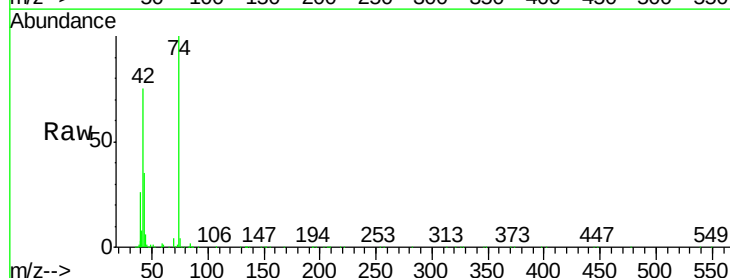
RT: 3.86 min Scan# 174

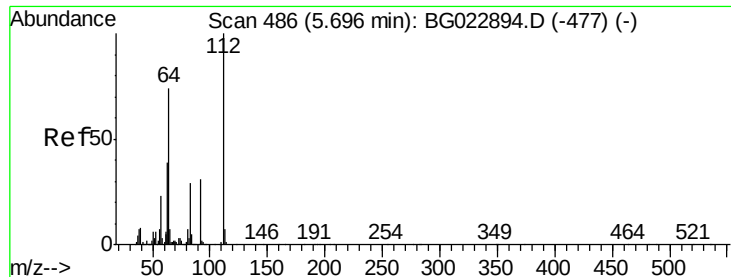
Delta R.T. -0.00 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion:	42	Resp:	155105
Ion	Ratio	Lower	Upper
42	100		
74	132.5	100.6	150.8
44	8.5	4.5	6.7#





#5

2-Fluorophenol

Concen: 111.00 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

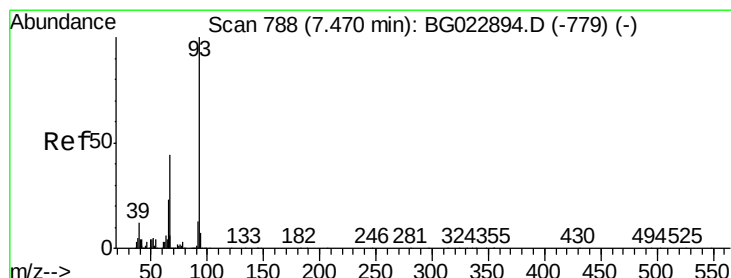
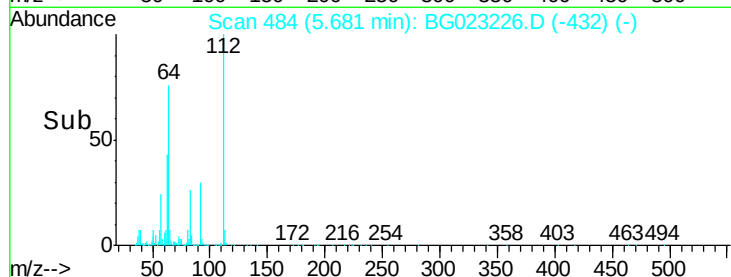
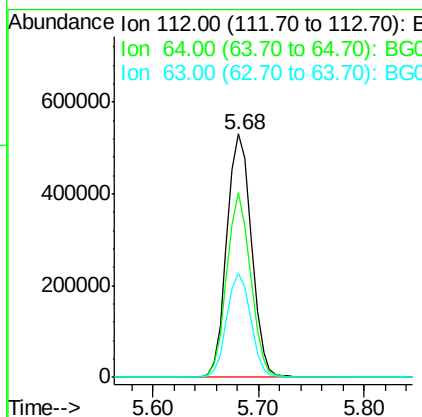
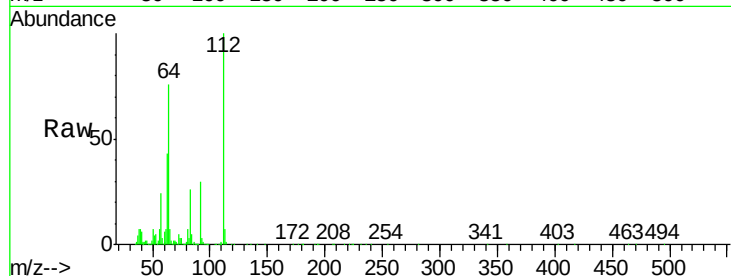
ClientSampleId :

D-2MSD

Tgt Ion:	112	Resp:	857289
Ion Ratio	Lower	Upper	
112	100		
64	75.9	59.0	88.4
63	42.5	37.8	56.8

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM



#6

Aniline

Concen: 13.92 ng

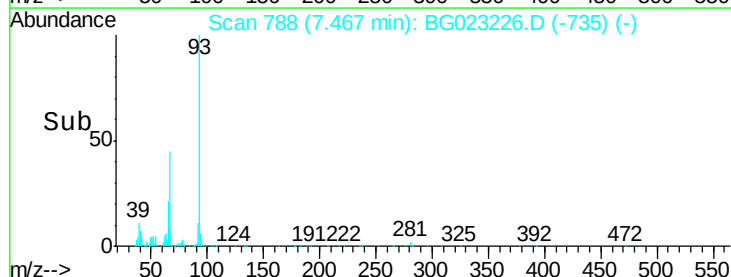
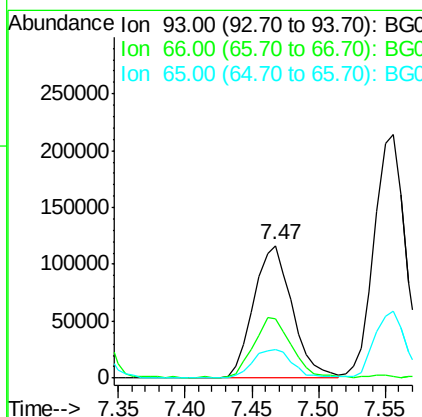
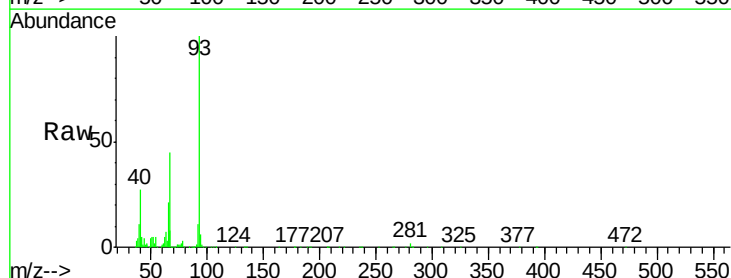
RT: 7.47 min Scan# 788

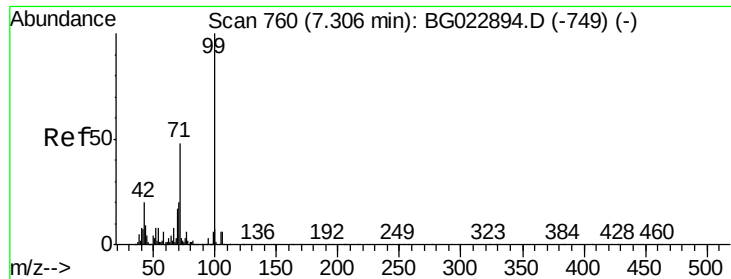
Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion:	93	Resp:	233385
Ion Ratio	Lower	Upper	
93	100		
66	44.8	37.5	56.3
65	21.3	17.9	26.9





#7

Phenol-d6

Concen: 102.87 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

ClientSampleId :

D-2MSD

Tgt Ion: 99 Resp: 1244392

Ion Ratio Lower Upper

99 100

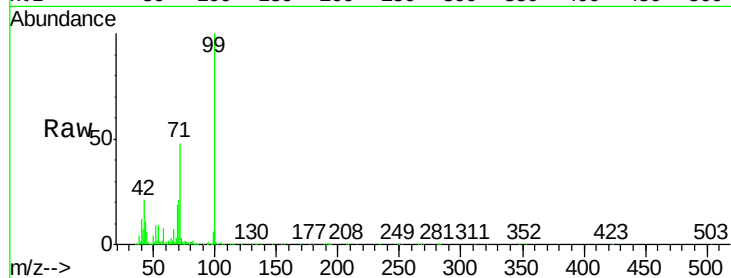
42 21.3 17.8 26.6

71 48.3 41.5 62.3

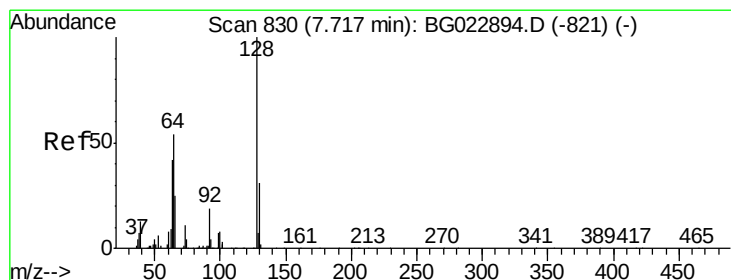
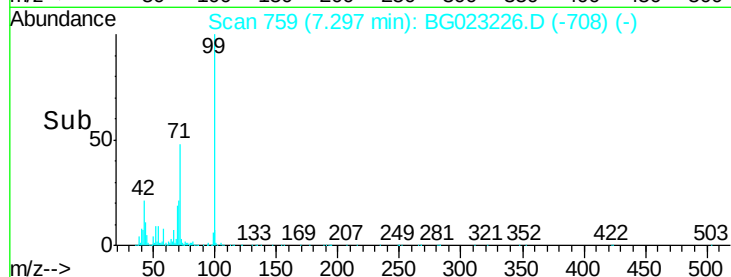
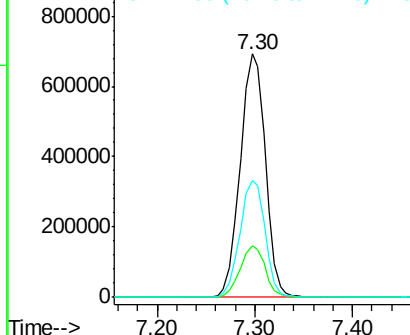
Manual Integrations
APPROVED

sohil

7/25/2016 6:48:05 PM



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: 38.06 ng

RT: 7.70 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

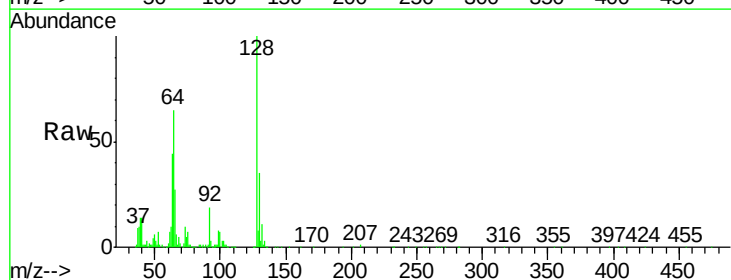
Tgt Ion: 128 Resp: 312824

Ion Ratio Lower Upper

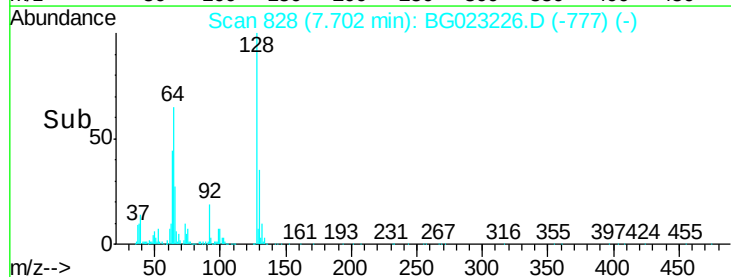
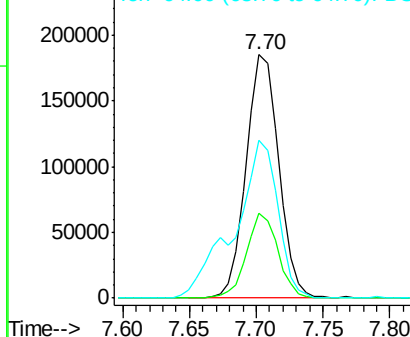
128 100

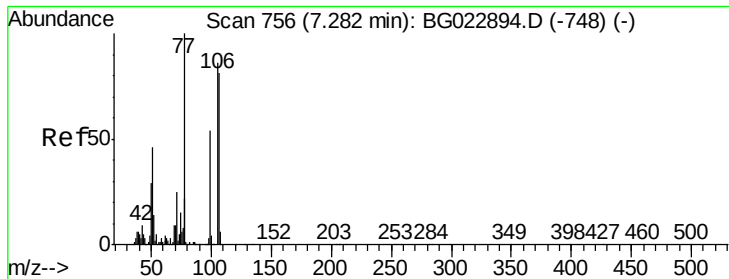
130 34.9 12.9 52.9

64 65.0 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: 10.93 ng

RT: 7.27 min Scan# 755

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

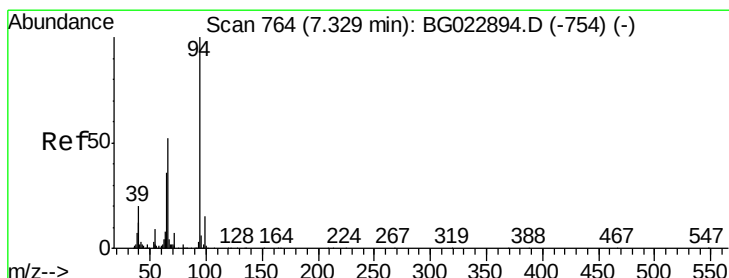
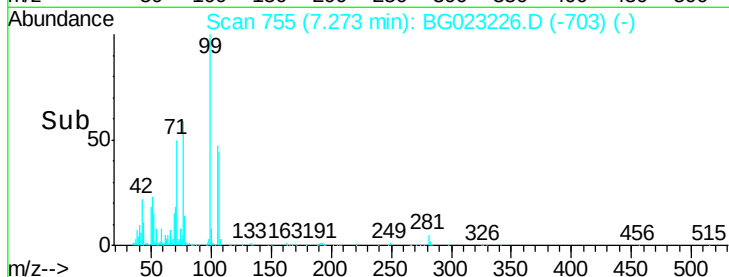
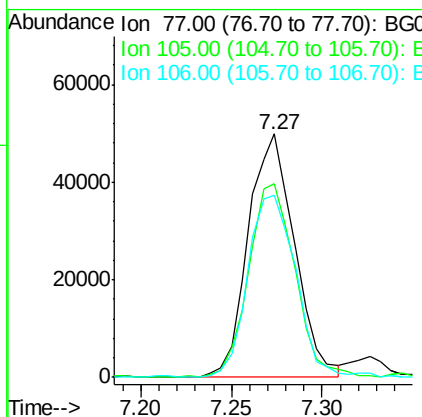
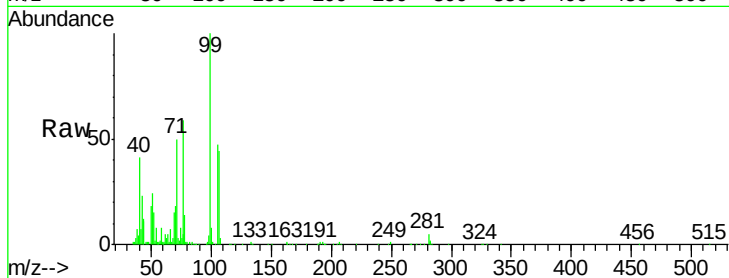
ClientSampleId :

D-2MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	79.7	58.7	98.7
106	74.9	67.5	107.5

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM



#10

Phenol

Concen: 36.13 ng

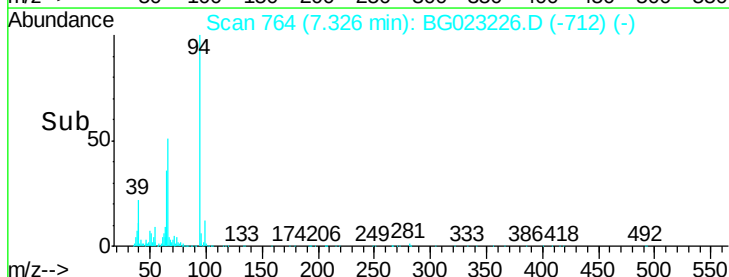
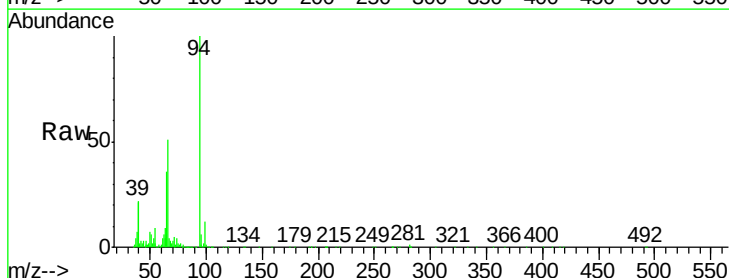
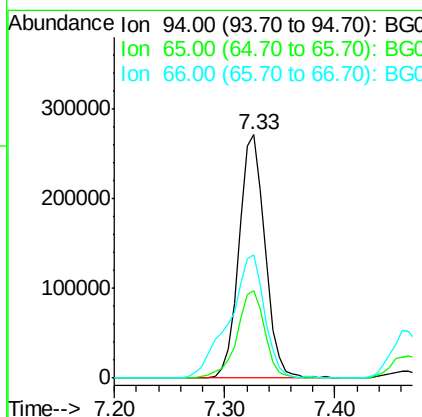
RT: 7.33 min Scan# 764

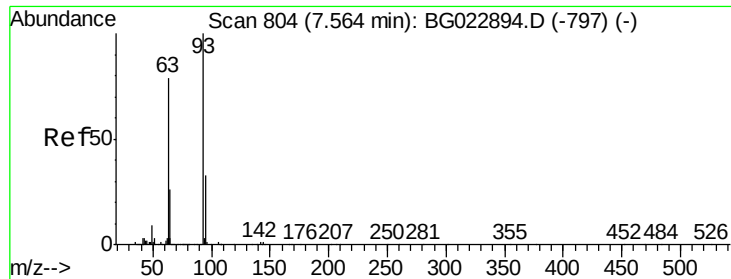
Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.9	18.1	58.1
66	50.5	42.1	82.1





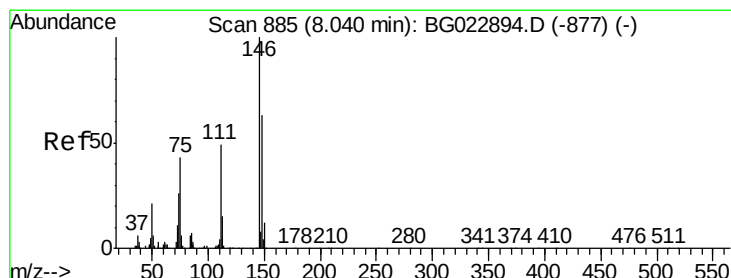
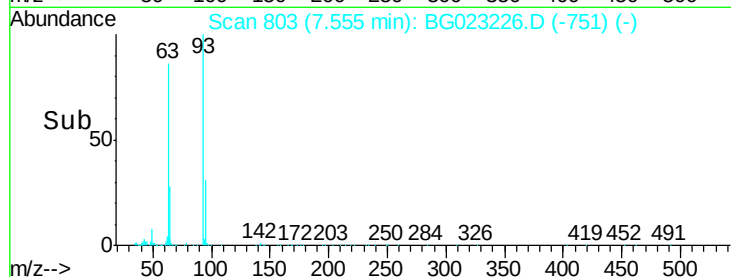
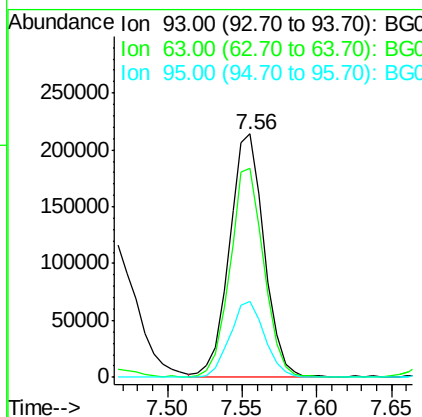
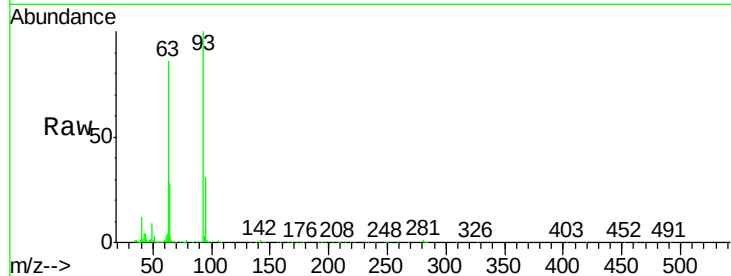
#11
bis(2-Chloroethyl)ether
Concen: 34.96 ng
RT: 7.56 min Scan# 803
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampled :
D-2MSD

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	85.7	55.0	95.0
95	31.3	11.0	51.0

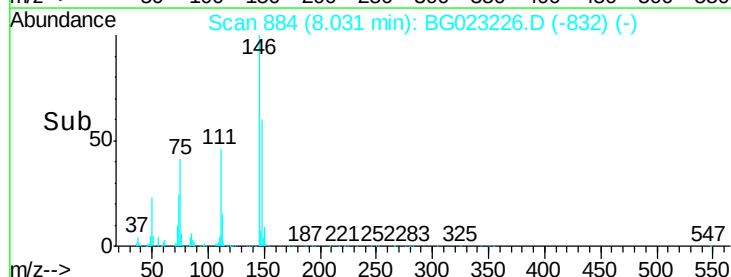
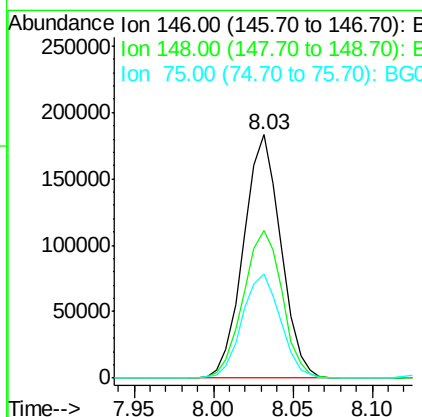
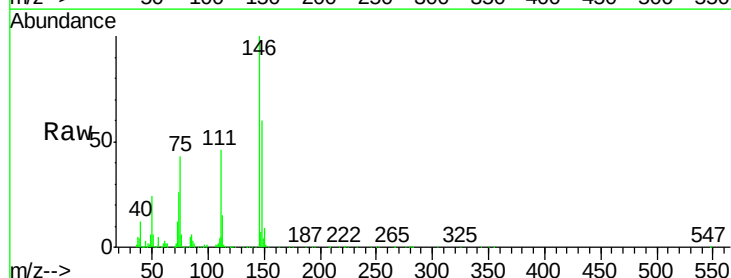
Manual Integrations
APPROVED

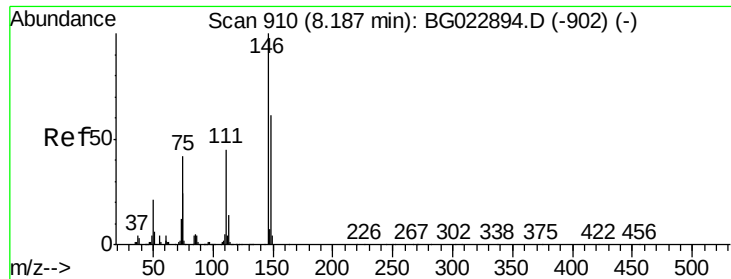
sohil
7/25/2016 6:48:05 PM



#12
1,3-Dichlorobenzene
Concen: 29.77 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	60.5	50.3	75.5
75	42.5	37.0	55.6





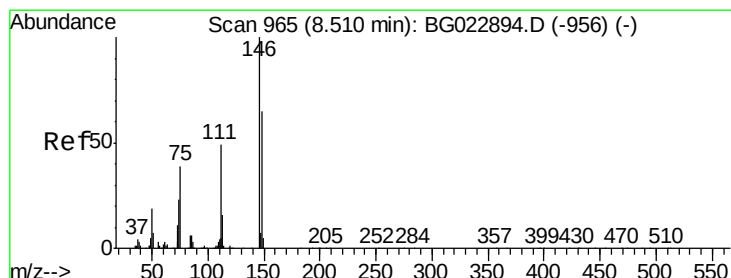
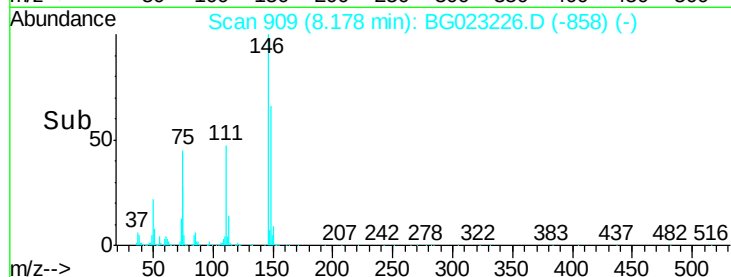
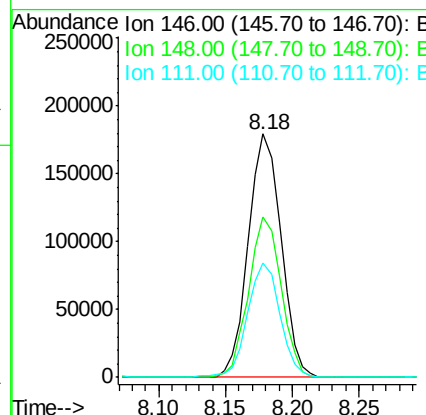
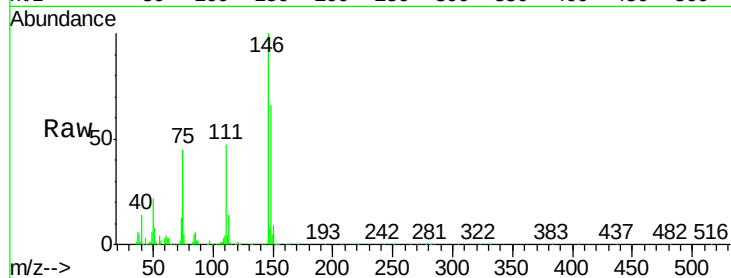
#13
1,4-Dichlorobenzene
Concen: 30.18 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	54.5	81.7
111	46.9	37.8	56.8

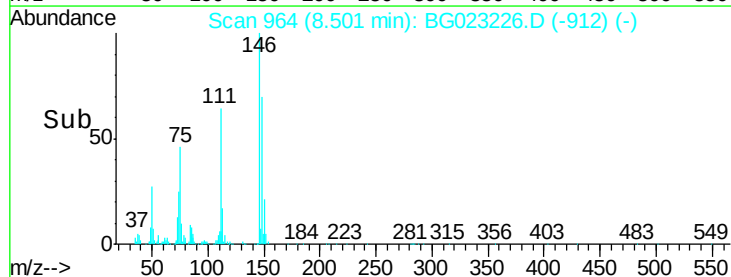
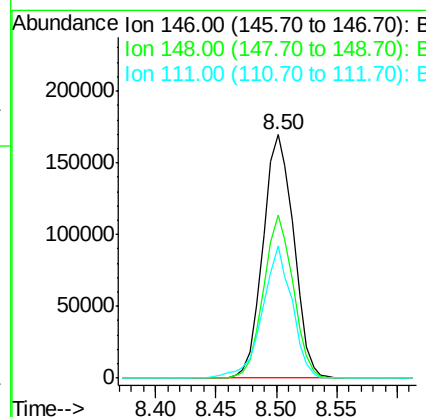
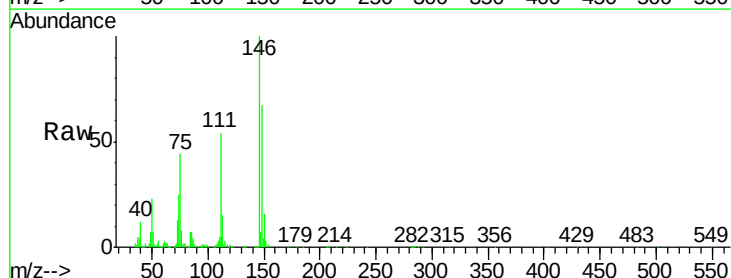
Manual Integrations
APPROVED

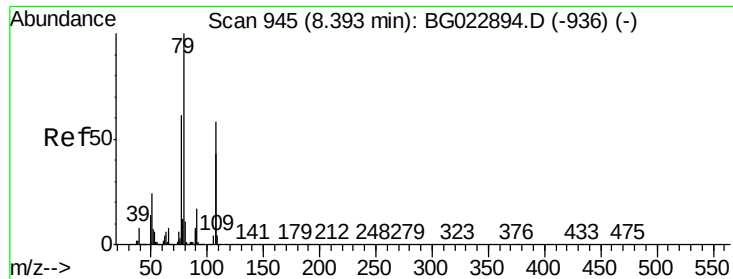
sohil
7/25/2016 6:48:05 PM



#14
1,2-Dichlorobenzene
Concen: 29.77 ng
RT: 8.50 min Scan# 964
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.9	79.3
111	54.3	43.5	65.3





#15

Benzyl Alcohol

Concen: 35.30 ng

RT: 8.38 min Scan# 944

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

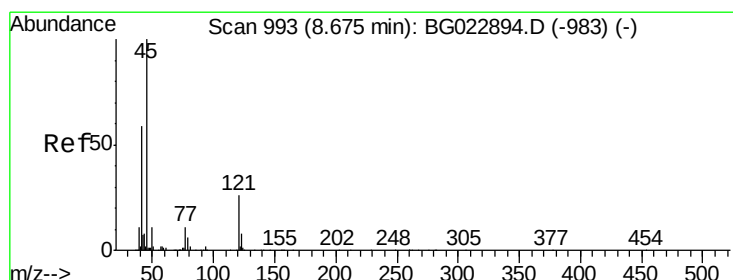
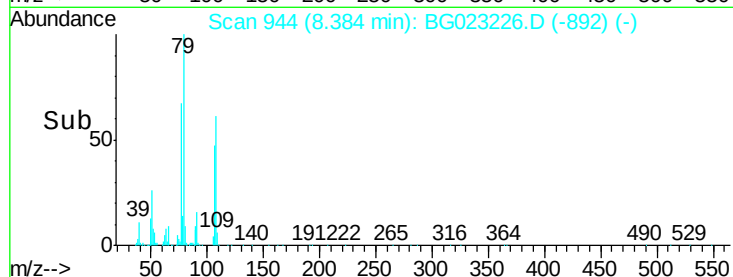
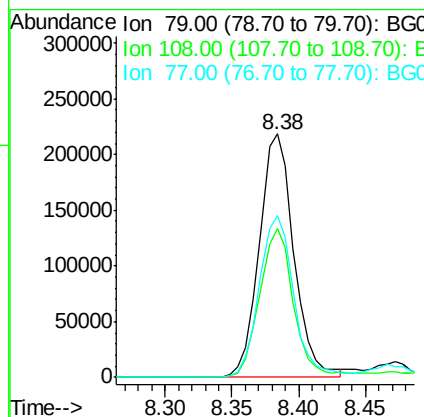
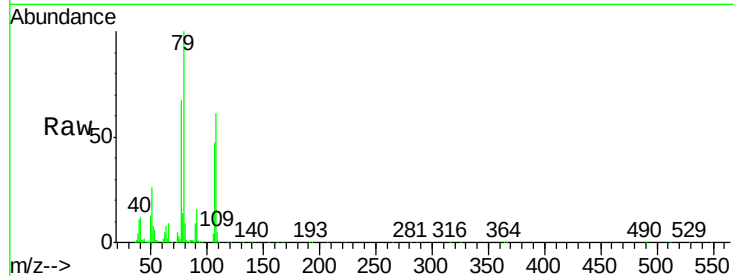
ClientSampled :

D-2MSD

Tgt Ion:	79	Resp:	391050
Ion	Ratio	Lower	Upper
79	100		
108	61.3	46.5	69.7
77	66.6	52.3	78.5

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.41 ng

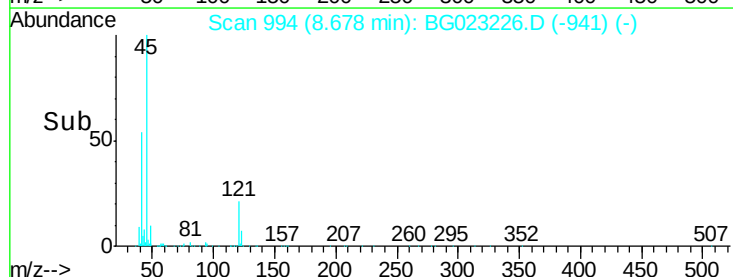
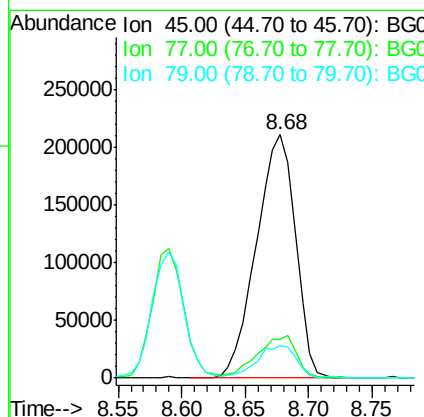
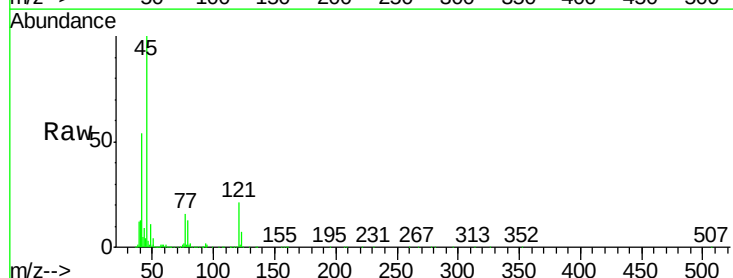
RT: 8.68 min Scan# 994

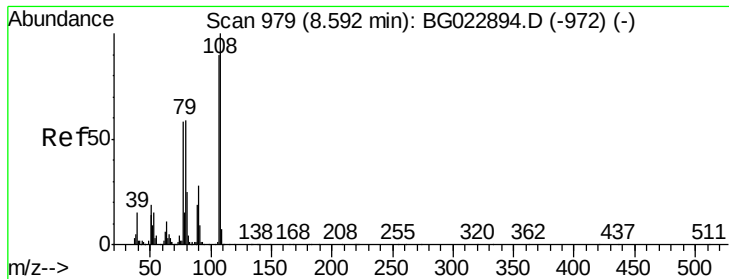
Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion:	45	Resp:	450739
Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.6	40.6
79	13.4	0.0	36.2





#17

2-Methylphenol

Concen: 38.15 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

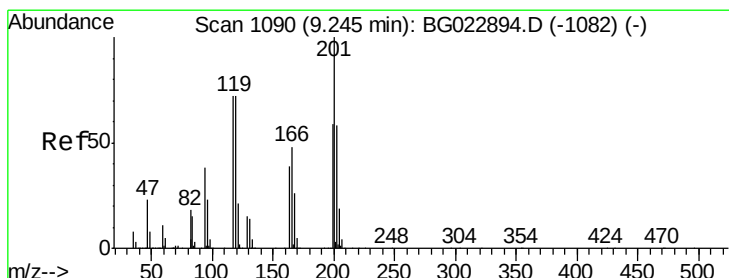
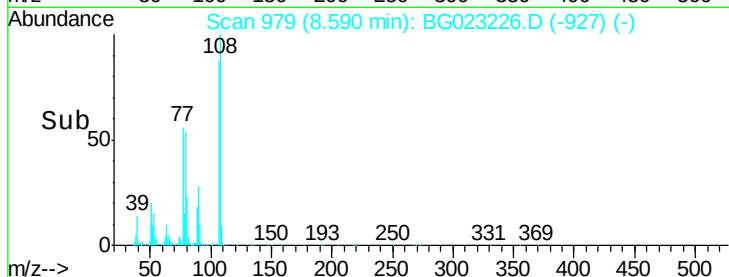
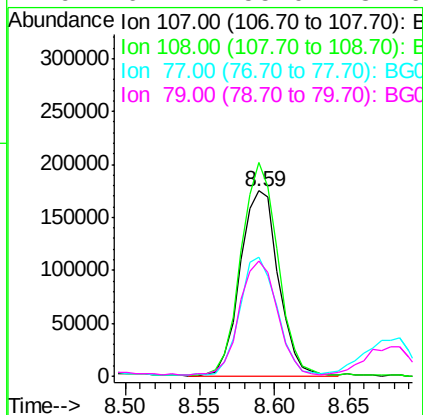
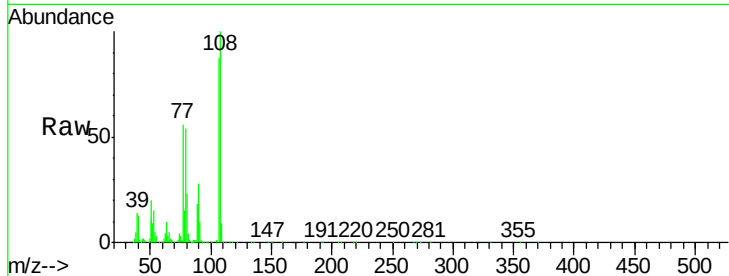
ClientSampleId :

D-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	309103		
108	115.4	92.0	138.0	
77	64.6	55.8	83.6	
79	62.2	55.0	82.6	

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM



#18

Hexachloroethane

Concen: 29.70 ng

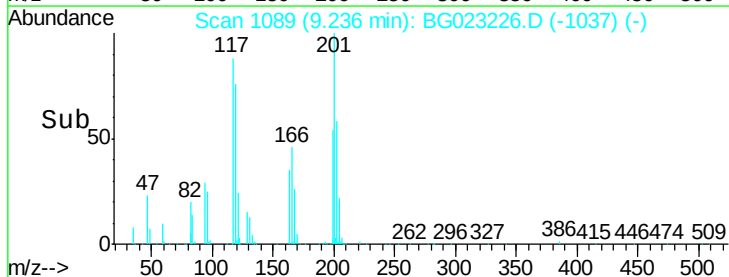
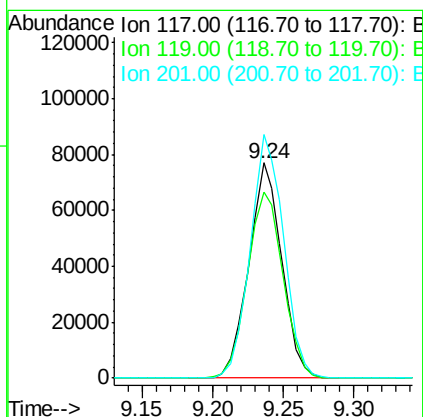
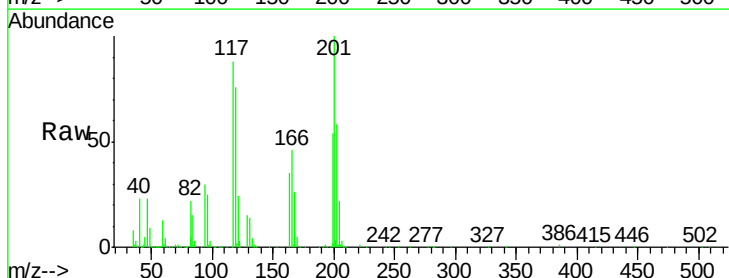
RT: 9.24 min Scan# 1089

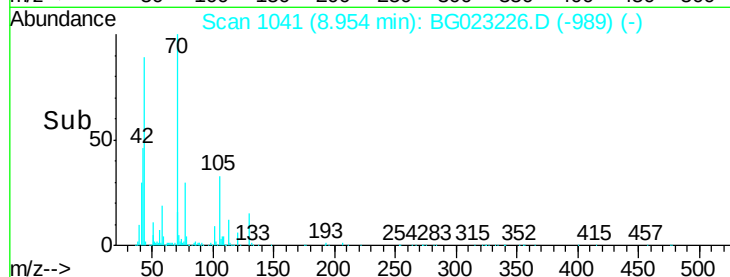
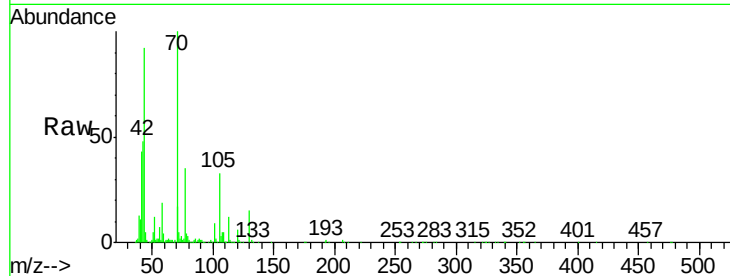
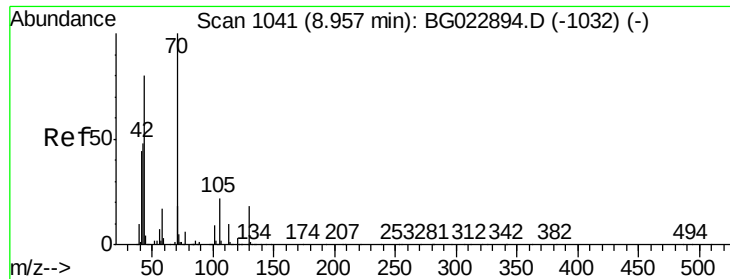
Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	126255		
119	86.3	73.7	110.5	
201	113.2	88.7	133.1	





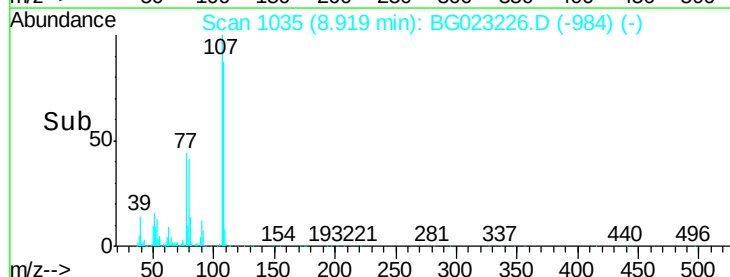
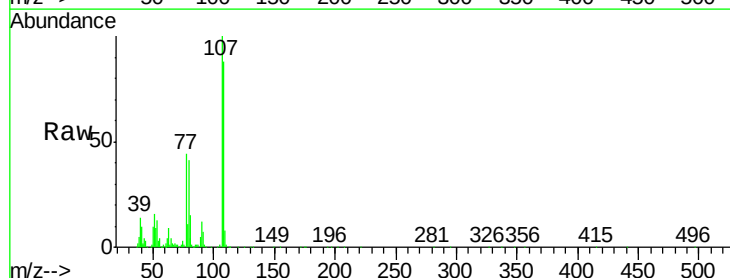
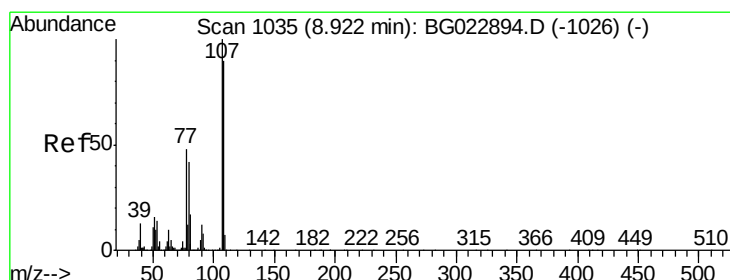
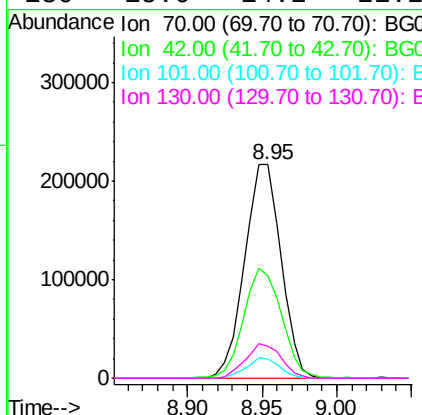
#19
n-Nitroso-di-n-propylamine
Concen: 33.62 ng
RT: 8.95 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.2	42.1	63.1	
101	8.9	7.2	10.8	
130	15.0	14.2	21.2	

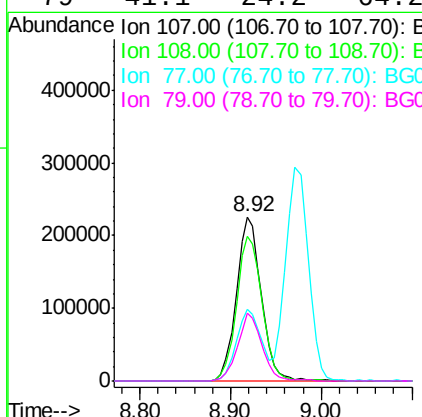
Manual Integrations
APPROVED

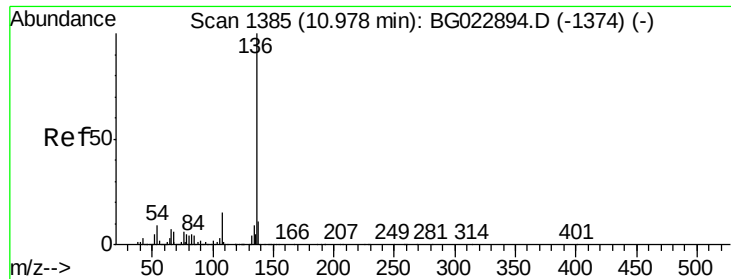
sohil
7/25/2016 6:48:05 PM



#20
3+4-Methylphenols
Concen: 38.07 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	72.5	112.5	
77	44.0	30.1	70.1	
79	41.1	24.2	64.2	





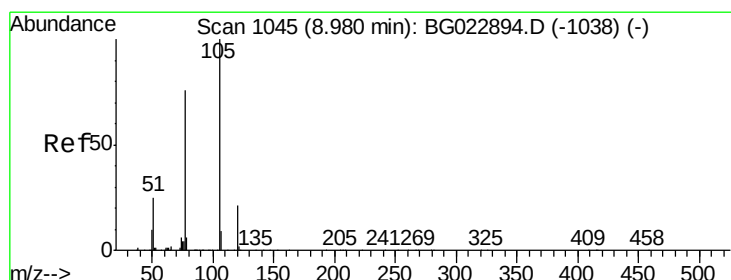
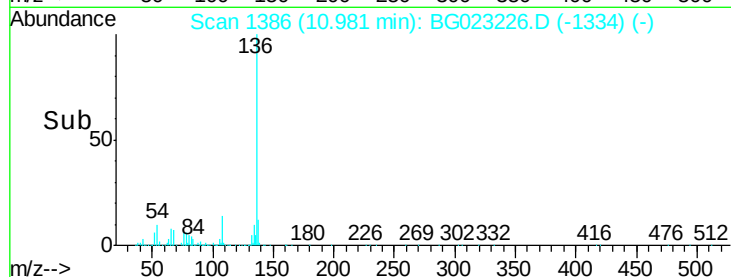
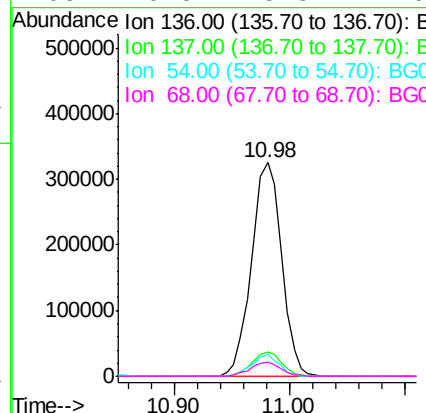
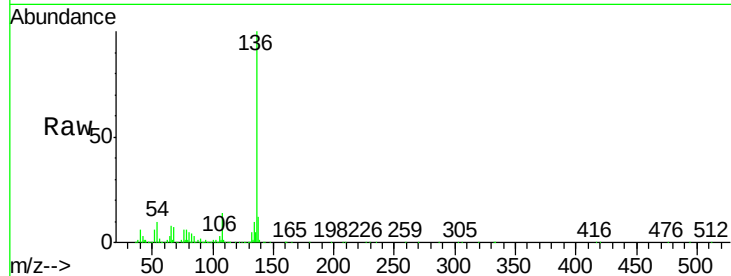
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	592513		
137	11.7	9.6	14.4	
54	10.0	7.3	10.9	
68	6.8	5.3	7.9	

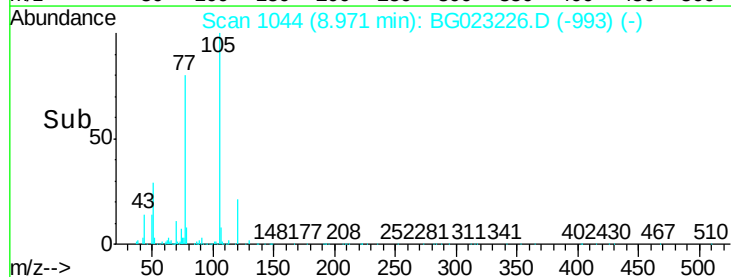
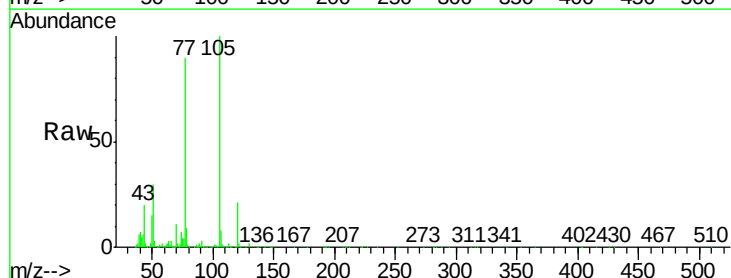
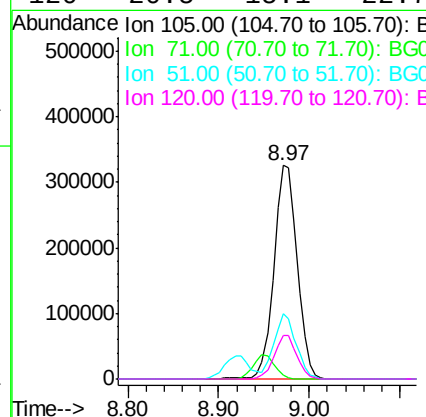
Manual Integrations
APPROVED

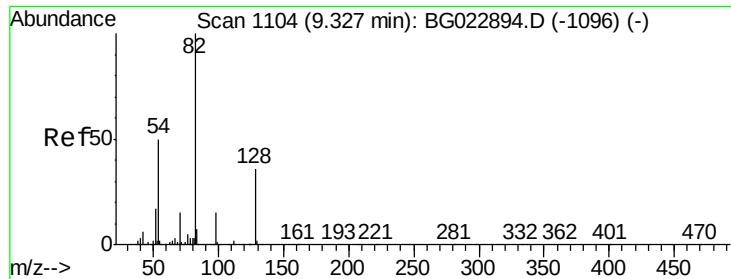
sohil
7/25/2016 6:48:05 PM



#22
Acetophenone
Concen: 32.67 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580959		
71	1.5	2.6	3.8#	
51	30.4	27.1	40.7	
120	20.5	15.1	22.7	





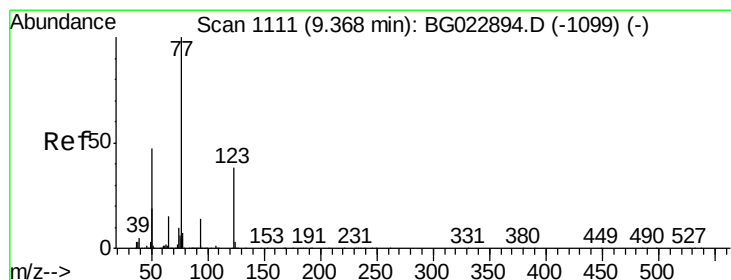
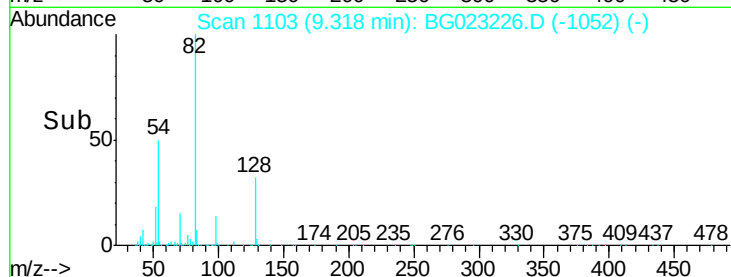
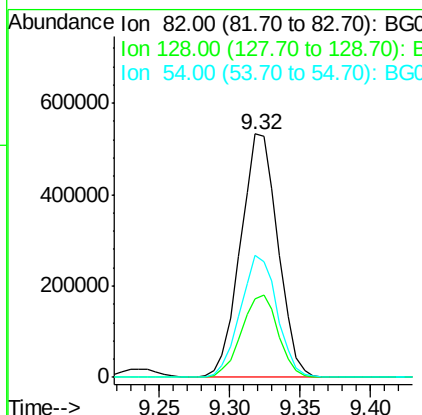
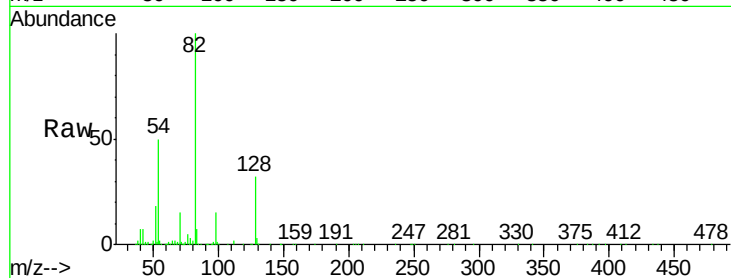
#23
 Nitrobenzene-d5
 Concen: 71.36 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.1	24.4	36.6
54	50.3	41.4	62.0

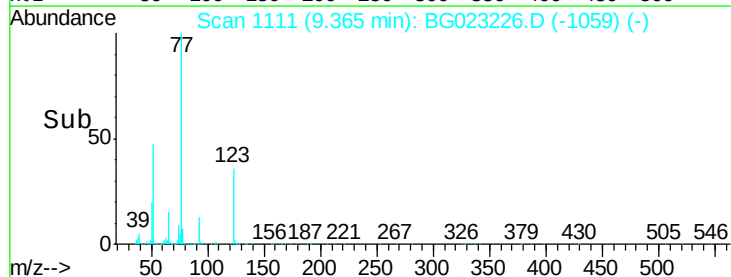
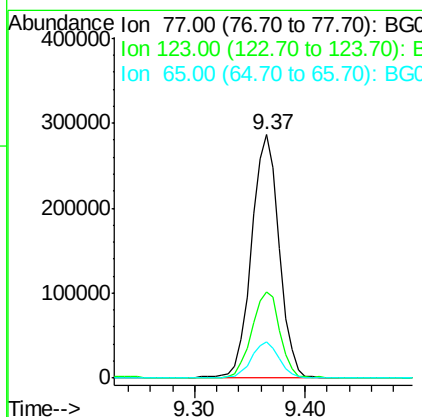
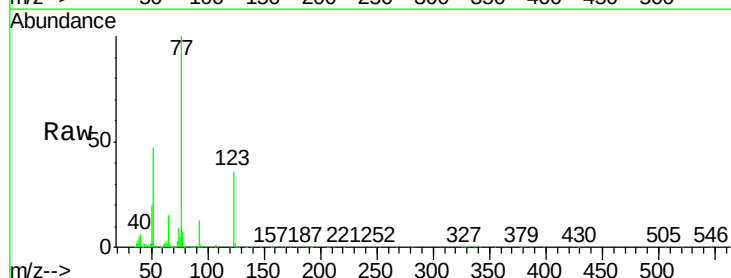
Manual Integrations
 APPROVED

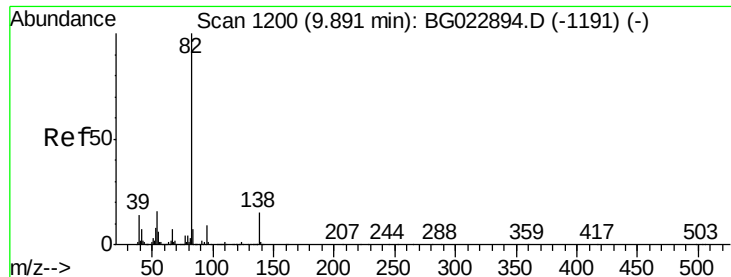
sohil
 7/25/2016 6:48:05 PM



#24
 Nitrobenzene
 Concen: 34.05 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.5	25.0	37.6
65	14.9	13.4	20.0





#25

Isophorone

Concen: 34.05 ng

RT: 9.88 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

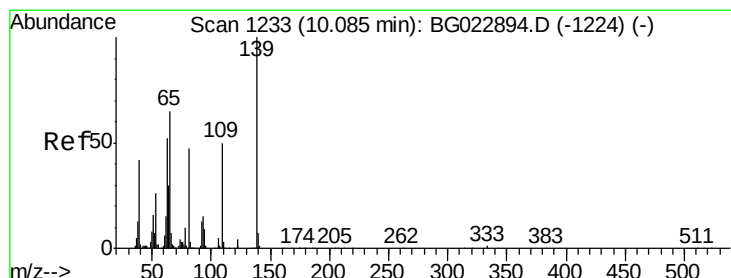
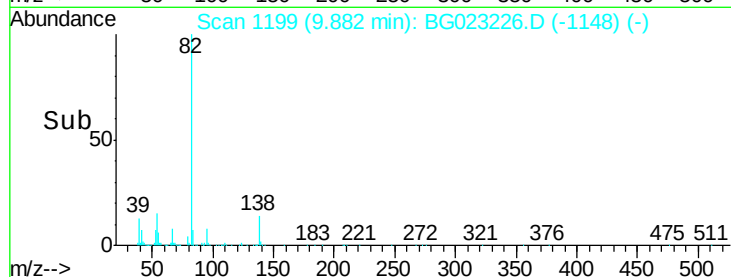
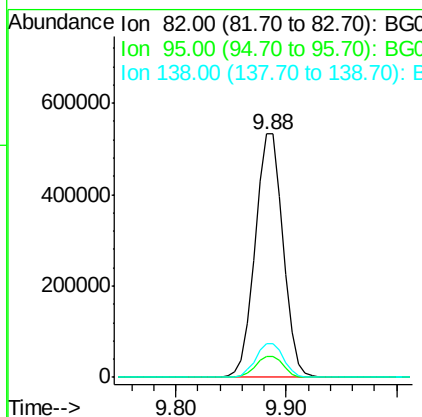
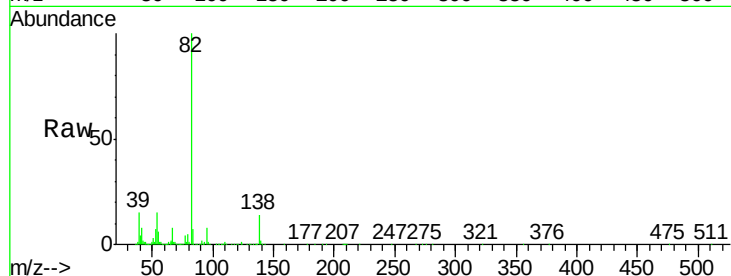
ClientSampleId :

D-2MSD

Tgt Ion:	82	Resp:	947520
Ion Ratio		Lower	Upper
82	100		
95	8.4	8.2	12.2
138	14.1	10.7	16.1

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM



#26

2-Nitrophenol

Concen: 33.71 ng

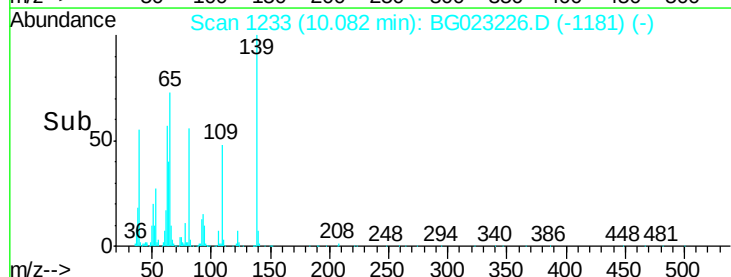
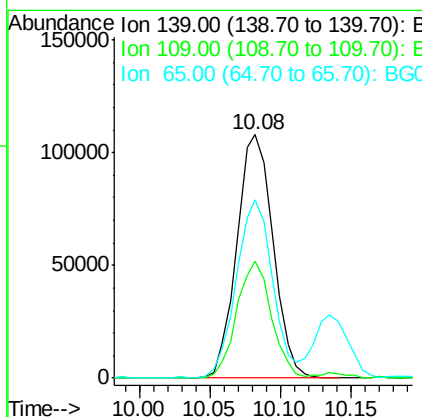
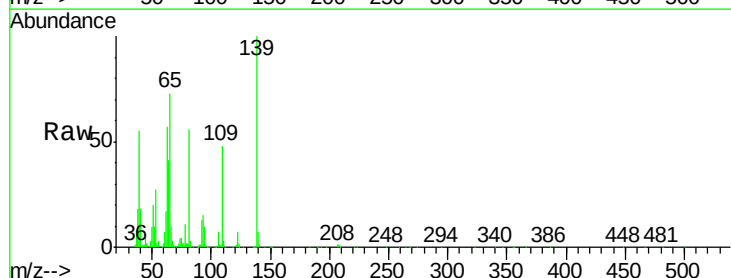
RT: 10.08 min Scan# 1233

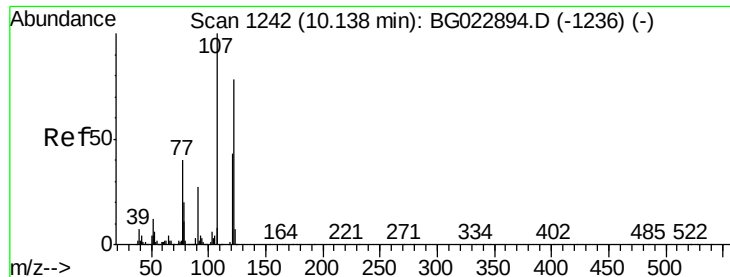
Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion:	139	Resp:	194486
Ion Ratio		Lower	Upper
139	100		
109	47.8	43.5	65.3
65	73.1	64.3	96.5





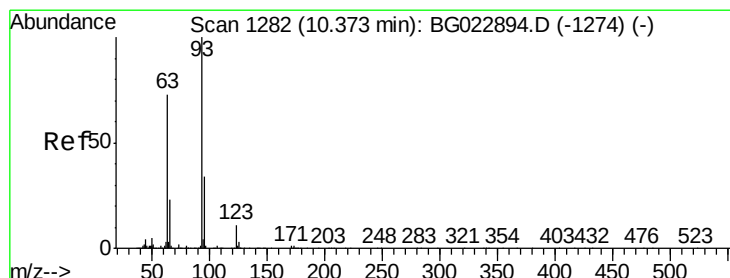
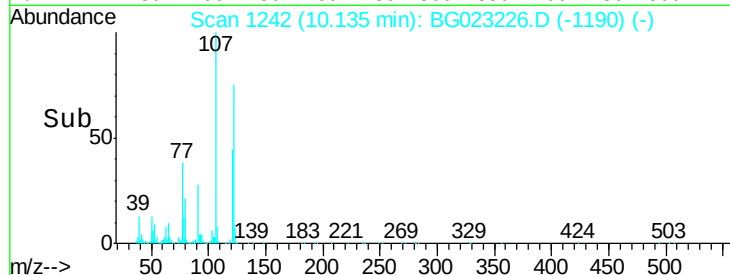
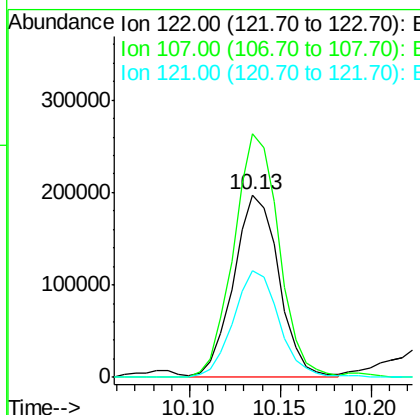
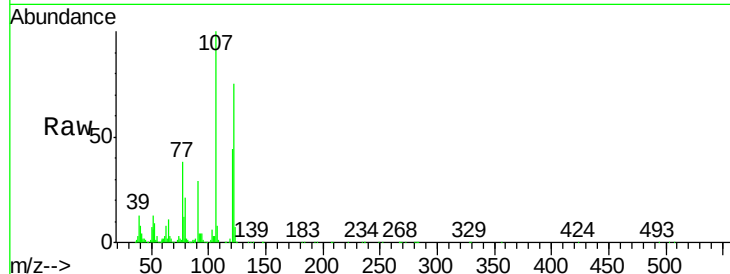
#27
 2,4-Dimethylphenol
 Concen: 34.51 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.6	117.0	175.4
121	58.6	50.1	75.1

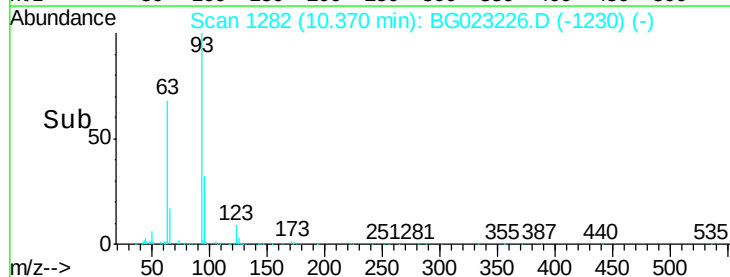
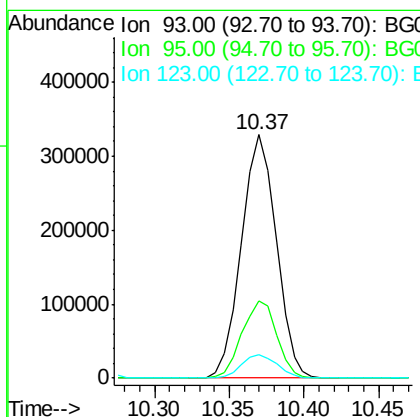
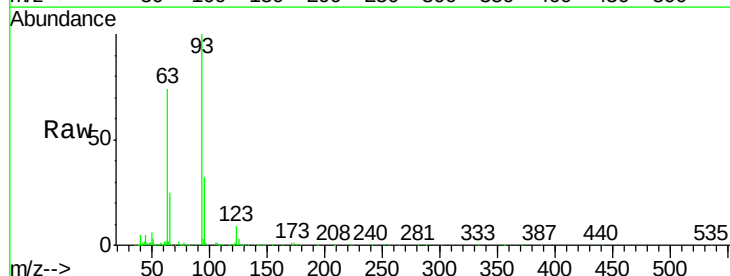
Manual Integrations
 APPROVED

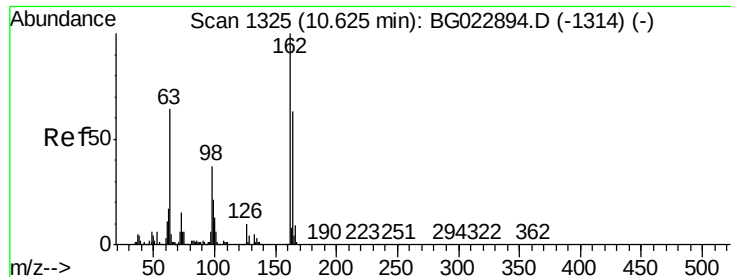
sohil
 7/25/2016 6:48:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.41 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.2
123	9.4	8.2	12.2





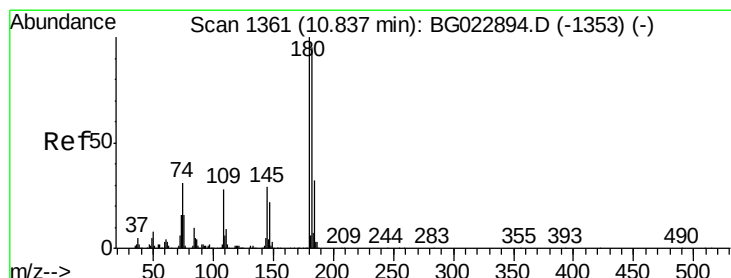
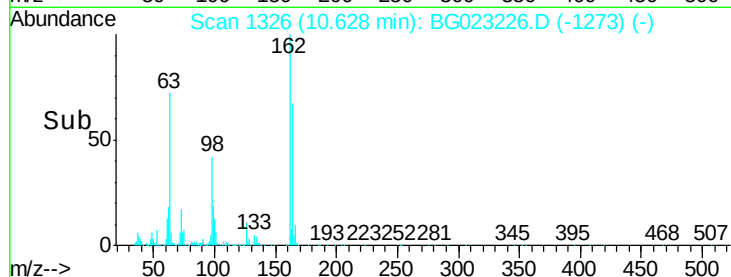
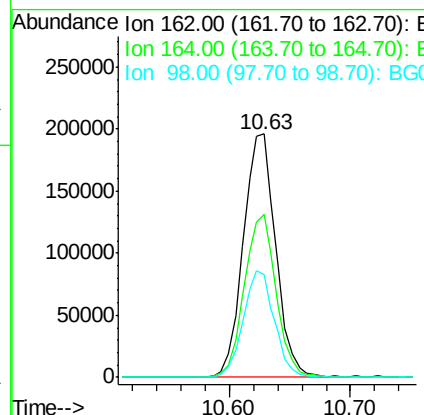
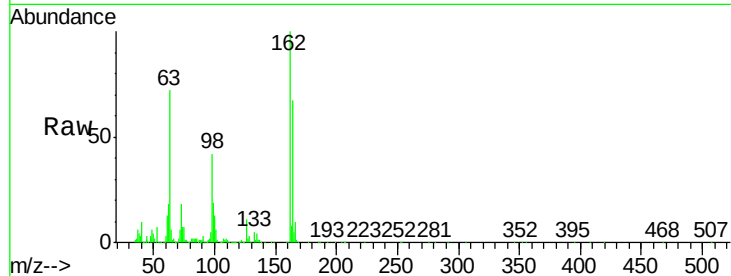
#29
2,4-Dichlorophenol
Concen: 34.46 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampled :
D-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.2	44.3	84.3
98	42.4	19.5	59.5

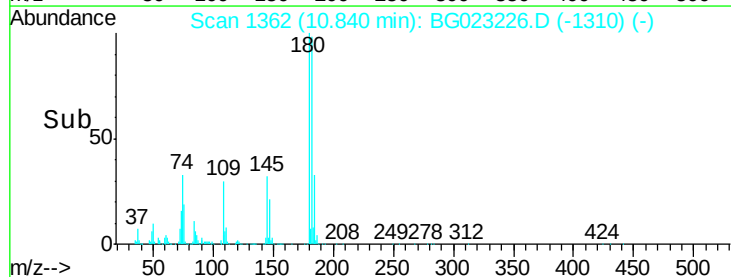
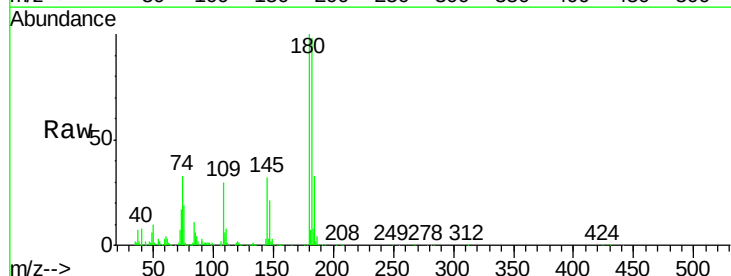
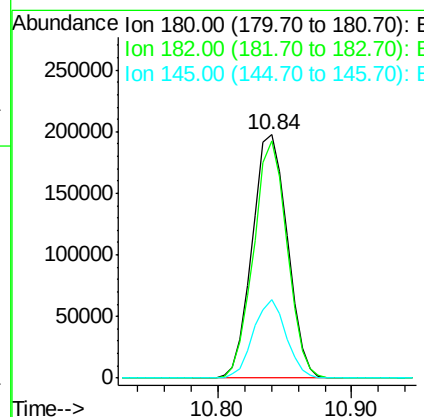
Manual Integrations
APPROVED

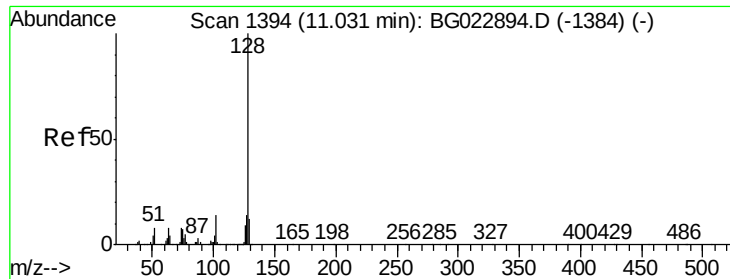
sohil
7/25/2016 6:48:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 29.43 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.5	73.8	110.8
145	32.2	24.4	36.6





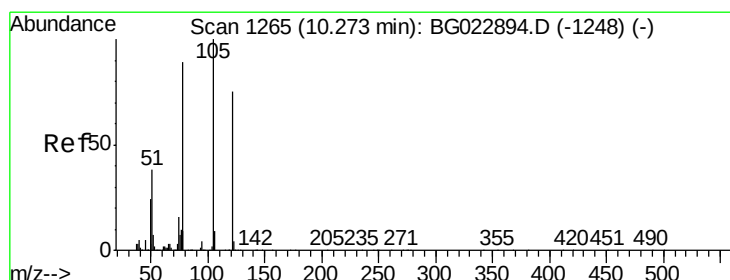
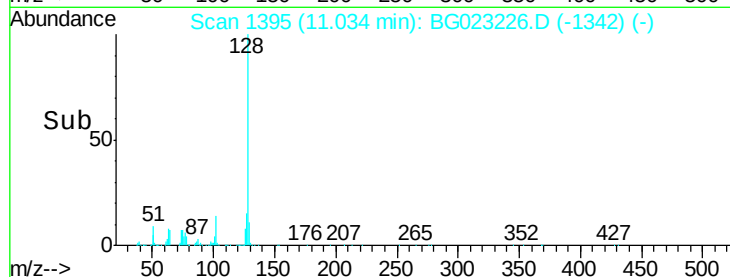
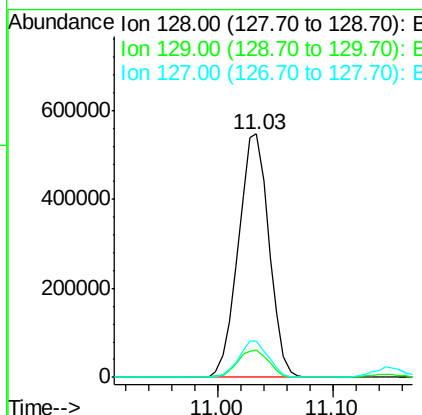
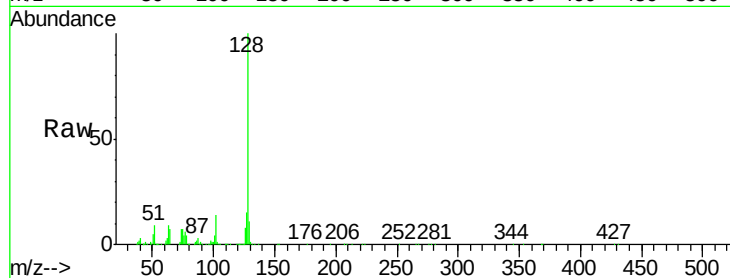
#31
Naphthalene
Concen: 33.35 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	14.8	11.3	16.9

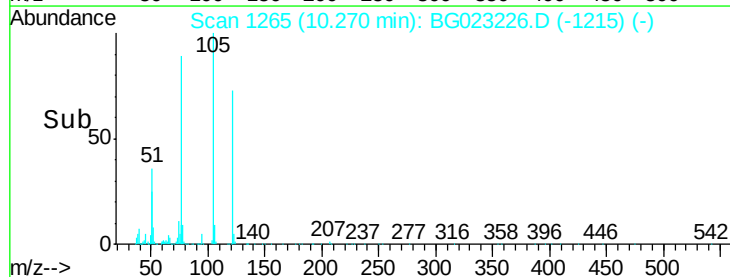
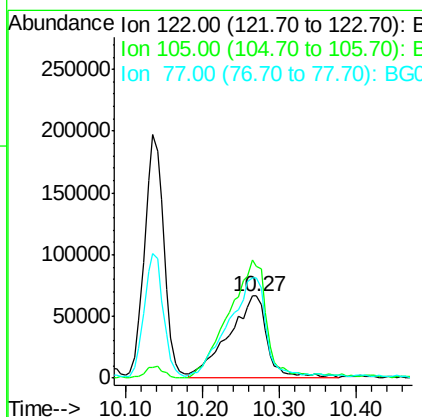
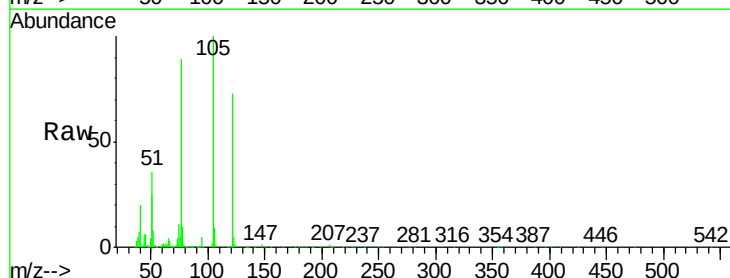
Manual Integrations
APPROVED

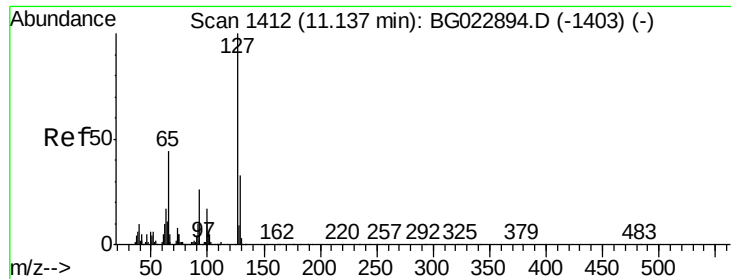
sohil
7/25/2016 6:48:05 PM



#32
Benzoic acid
Concen: 25.28 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.9	117.2	157.2
77	122.0	109.2	149.2





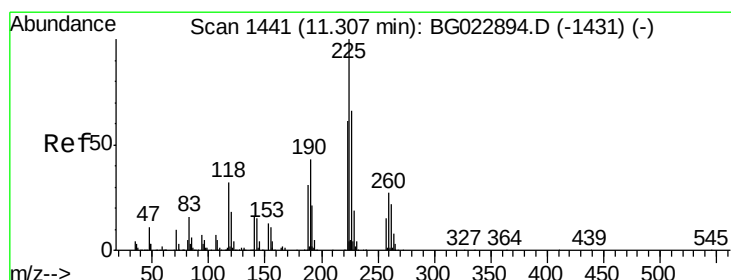
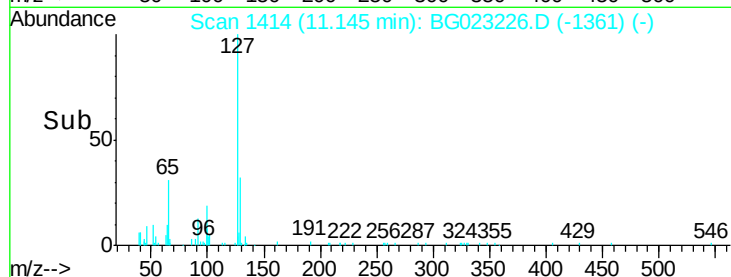
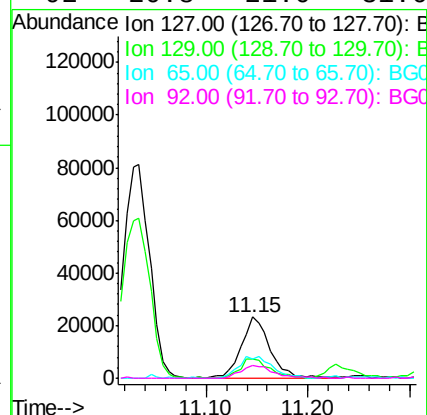
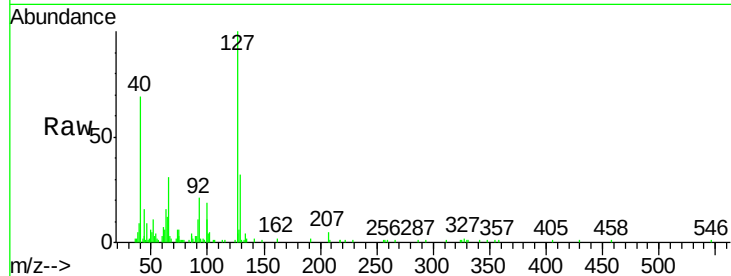
#33
4-Chloroaniline
Concen: 3.11 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	45838		
129	31.6	27.9	41.9	
65	31.0	36.8	55.2#	
92	20.8	21.0	31.6#	

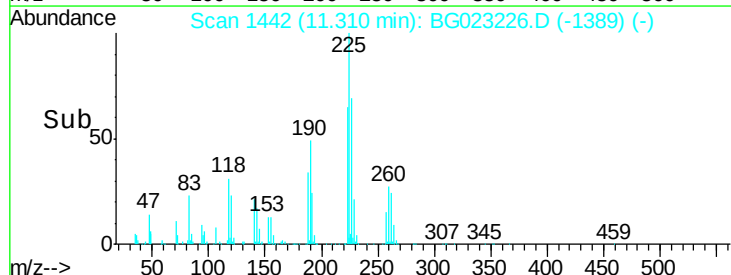
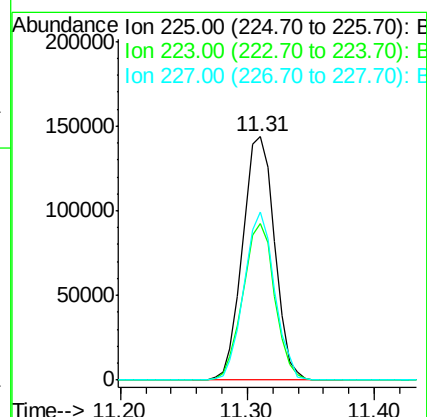
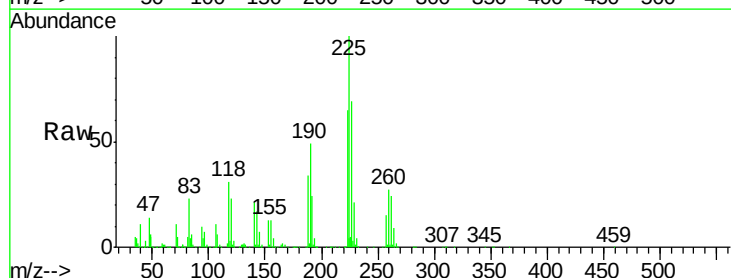
Manual Integrations
APPROVED

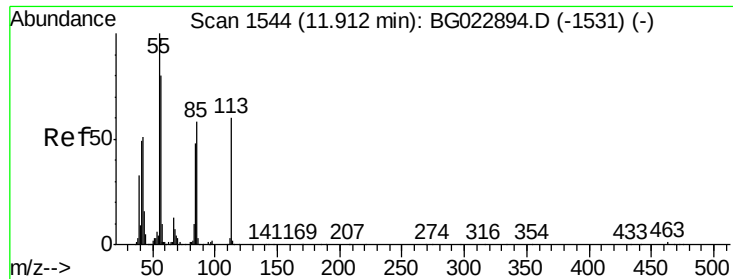
sohil
7/25/2016 6:48:05 PM



#34
Hexachlorobutadiene
Concen: 25.53 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	252219		
223	64.5	49.6	74.4	
227	72.4	54.5	81.7	





#35

Caprolactam

Concen: 26.84 ng m

RT: 11.92 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

ClientSampleId :

D-2MSD

Tgt Ion: 113 Resp: 117444

Ion Ratio Lower Upper

113 100

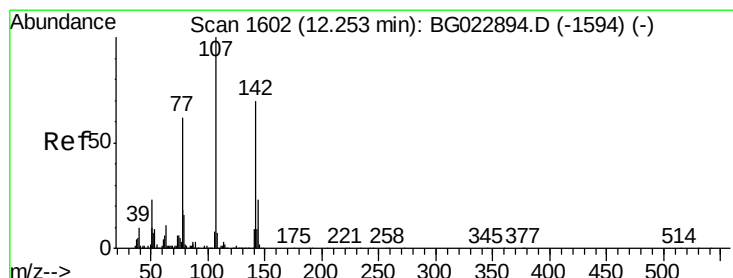
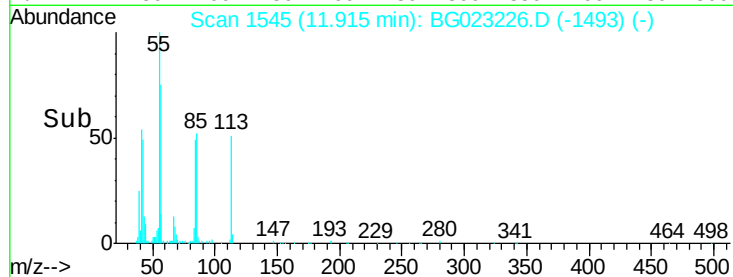
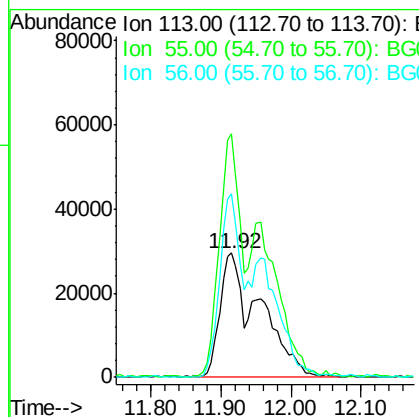
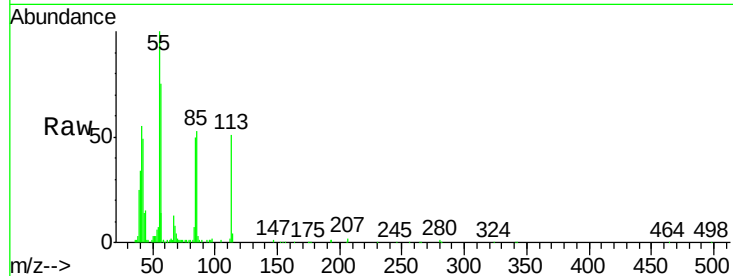
55 196.1 154.5 194.5#

56 148.0 125.1 165.1

Manual Integrations
APPROVED

sohil

7/25/2016 6:48:05 PM



#36

4-Chloro-3-methylphenol

Concen: 32.20 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

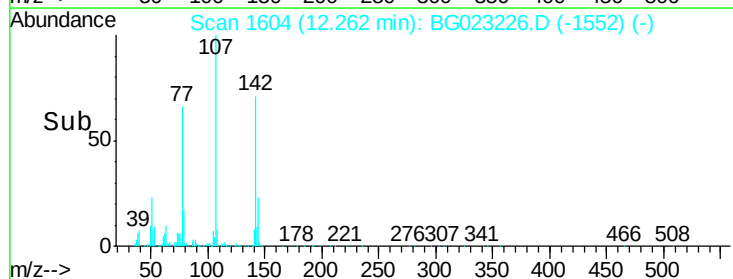
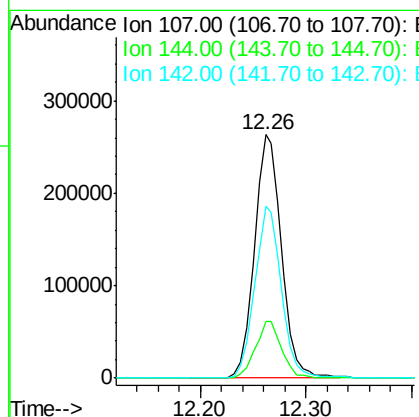
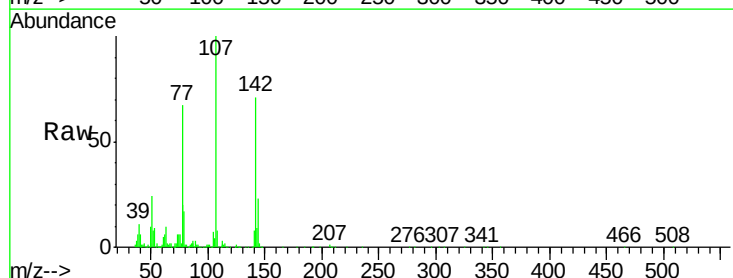
Tgt Ion: 107 Resp: 468490

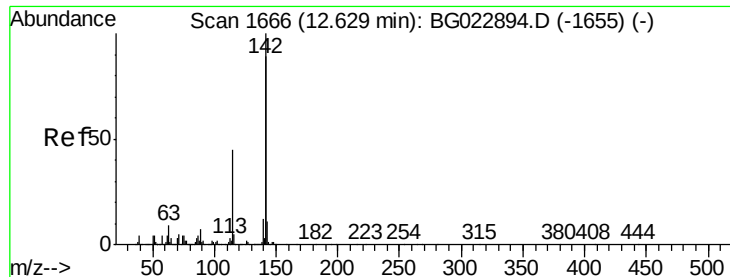
Ion Ratio Lower Upper

107 100

144 23.2 17.0 25.6

142 70.7 53.0 79.6





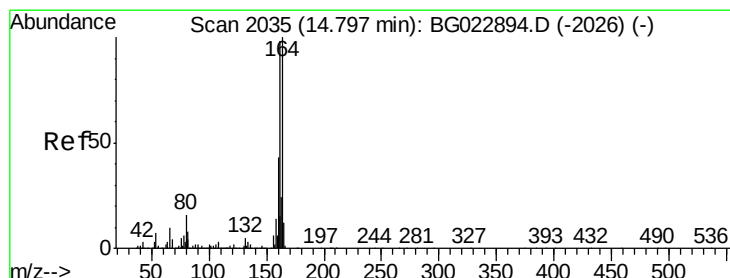
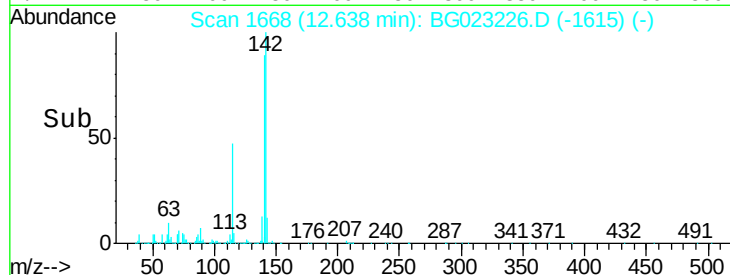
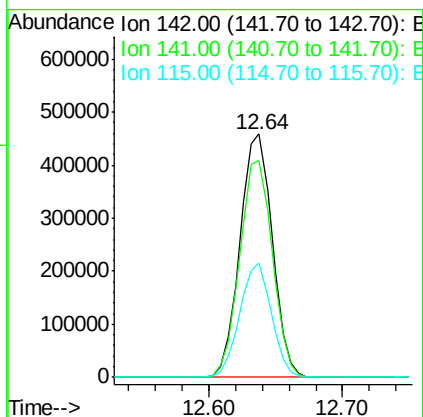
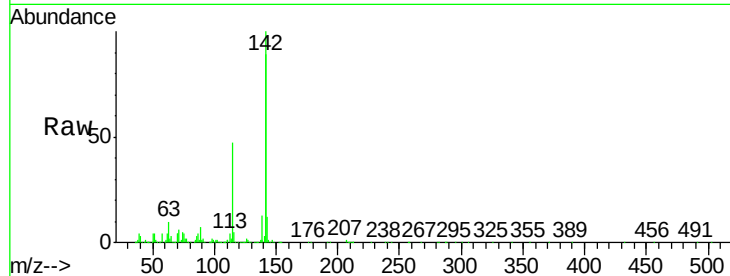
#37
2-Methylnaphthalene
Concen: 32.19 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.2	105.2
115	47.2	41.7	62.5

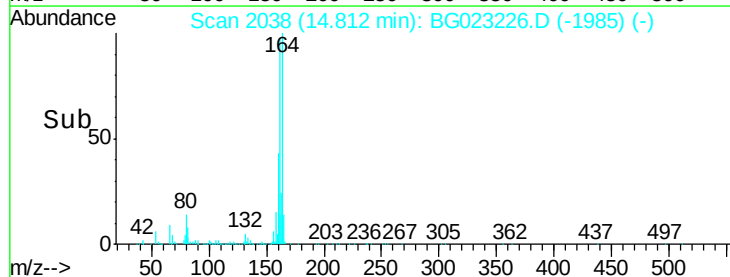
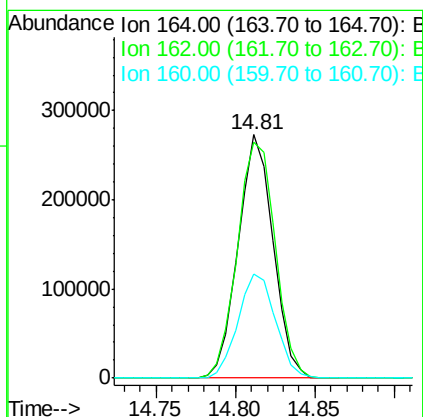
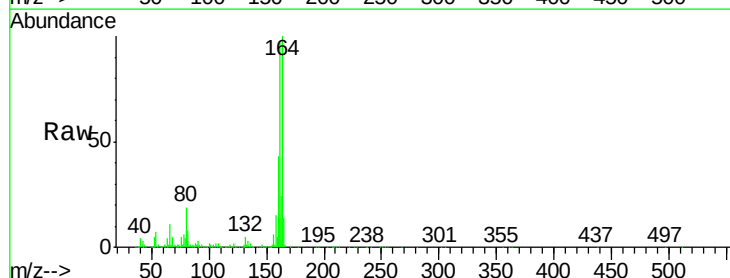
Manual Integrations
APPROVED

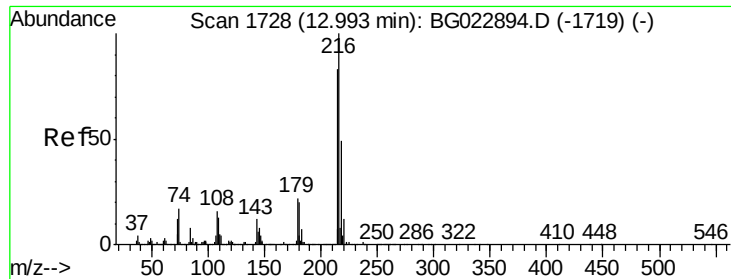
sohil
7/25/2016 6:48:05 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	87.7	131.5
160	42.7	37.2	55.8





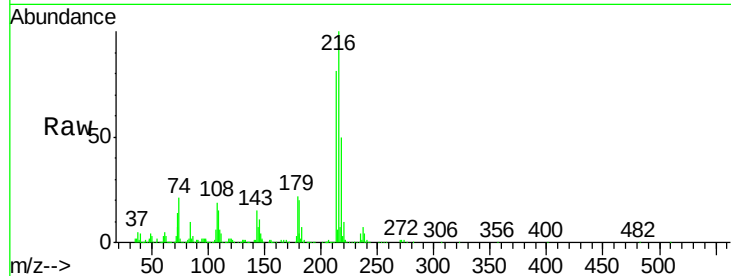
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.82 ng
 RT: 13.00 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

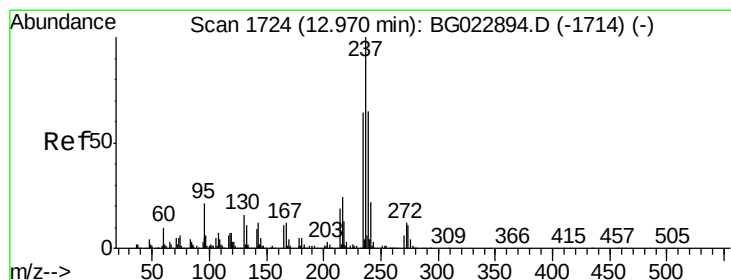
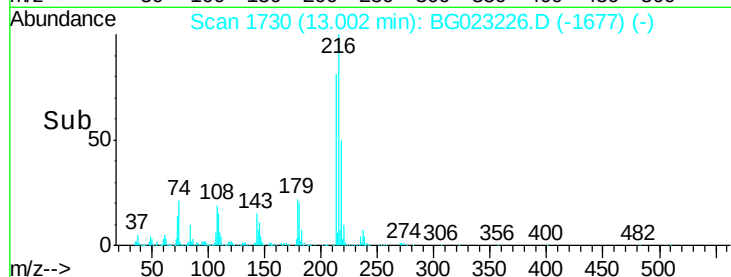
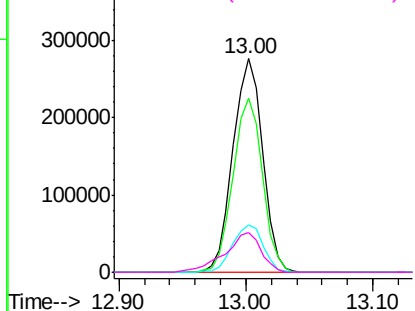
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	446273		
214	80.5	62.9	94.3	
179	22.8	17.2	25.8	
108	22.4	16.3	24.5	

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:48:05 PM

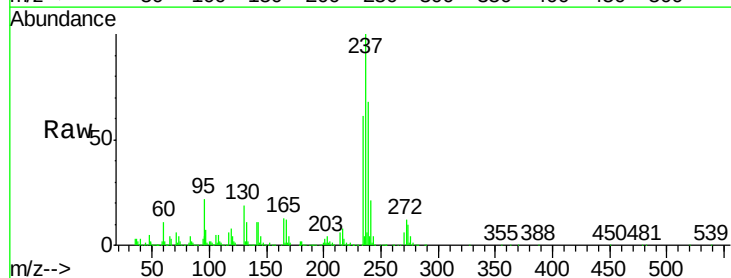


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

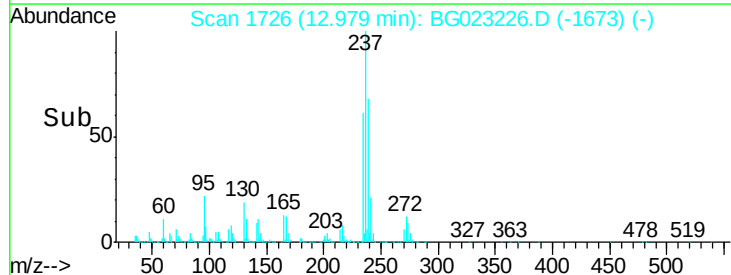
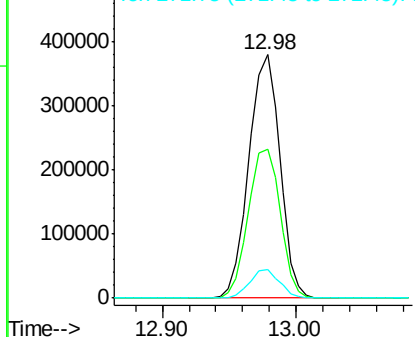


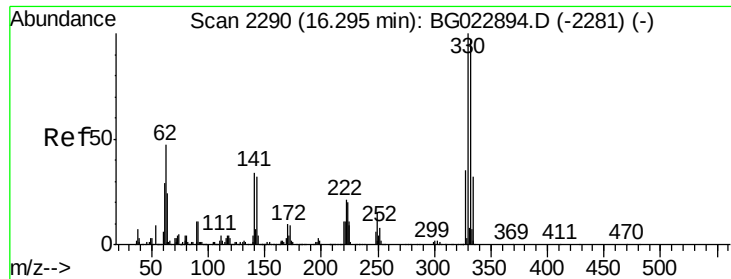
#40
 Hexachlorocyclopentadiene
 Concen: 58.85 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	609184		
235	61.4	43.1	83.1	
272	11.9	0.0	30.9	



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





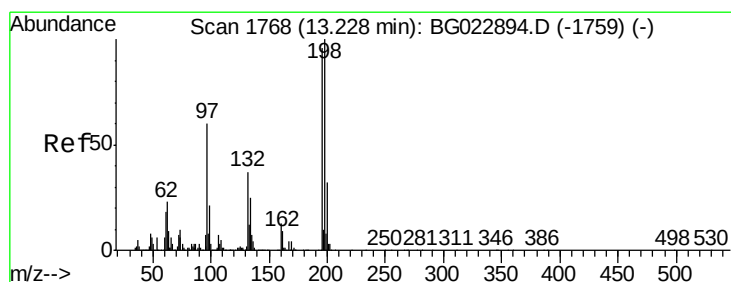
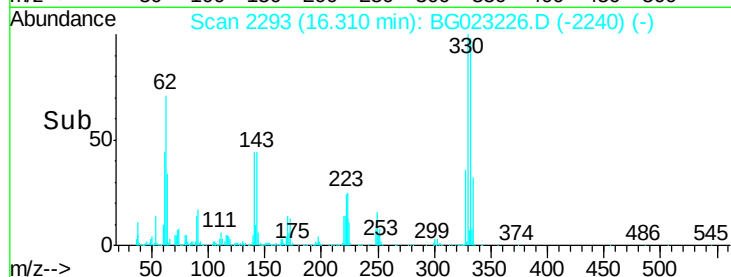
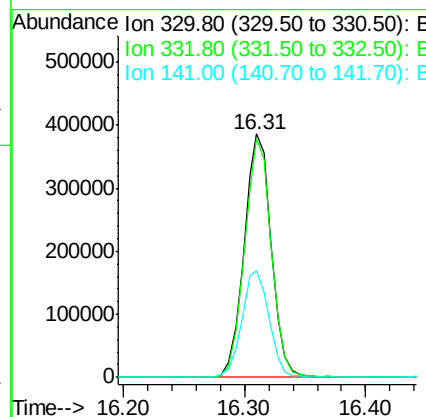
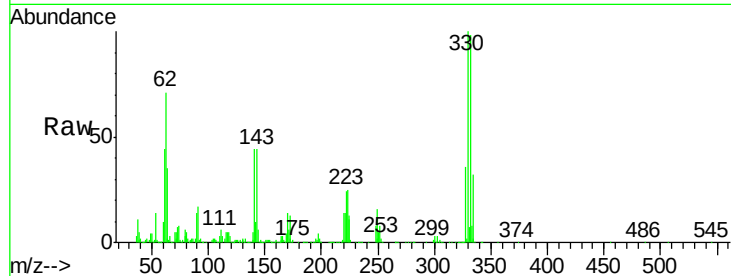
#41
 2,4,6-Tribromophenol
 Concen: 80.45 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampled :
 D-2MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	44.1	31.7	47.5

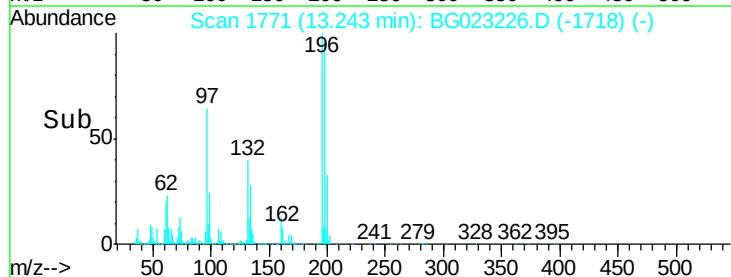
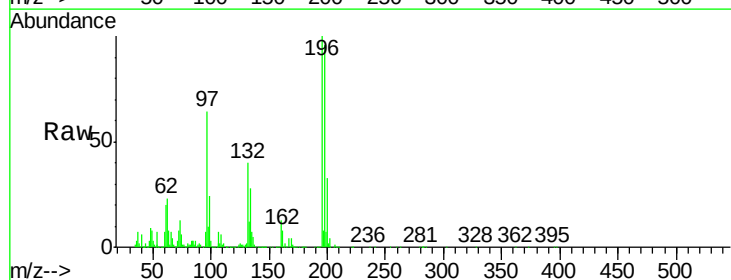
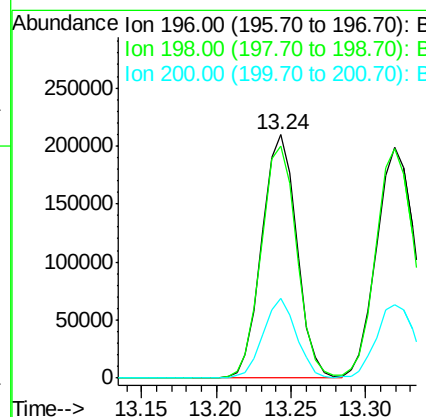
Manual Integrations
 APPROVED

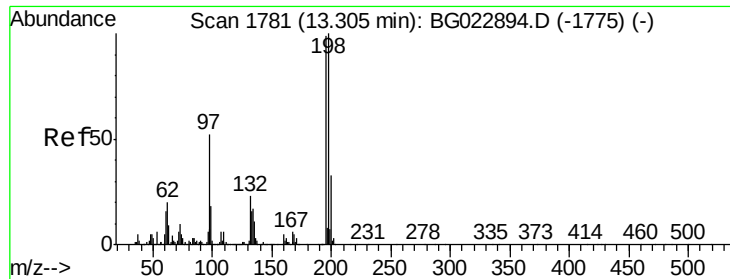
sohil
 7/25/2016 6:48:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 32.79 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.2	117.2
200	32.9	27.0	40.4





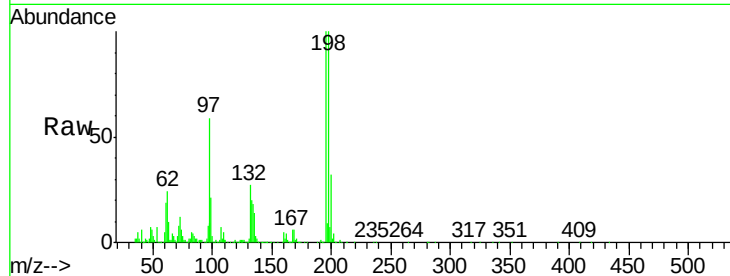
#43
 2,4,5-Trichlorophenol
 Concen: 33.25 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampled :
 D-2MSD

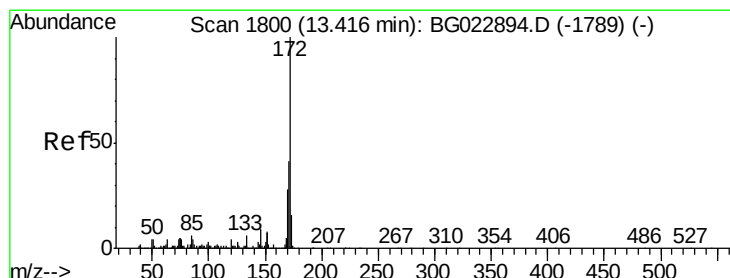
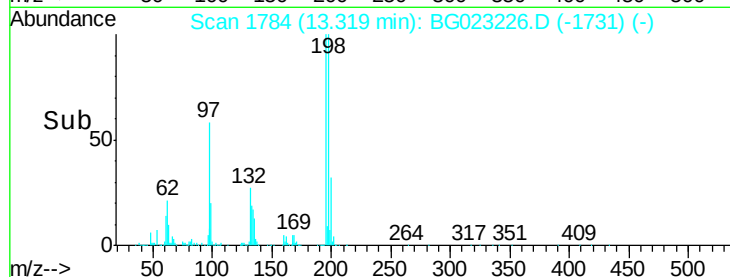
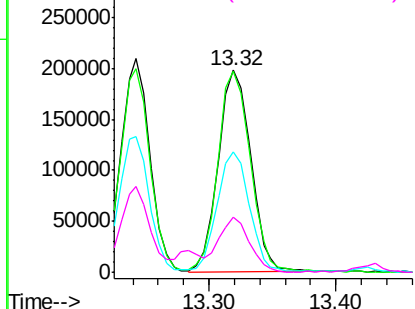
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	352845		
198	99.8	85.7	128.5	
97	59.4	45.5	68.3	
132	27.5	18.9	28.3	

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:48:05 PM



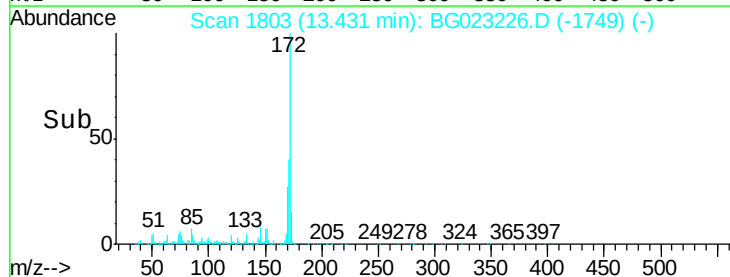
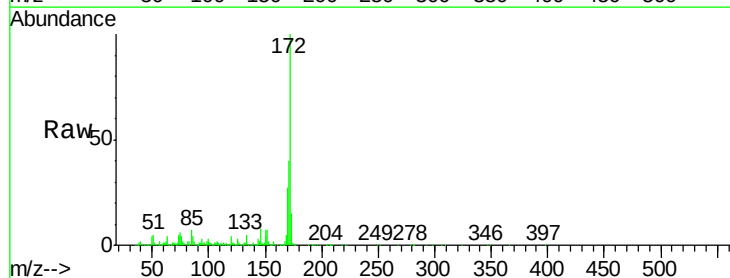
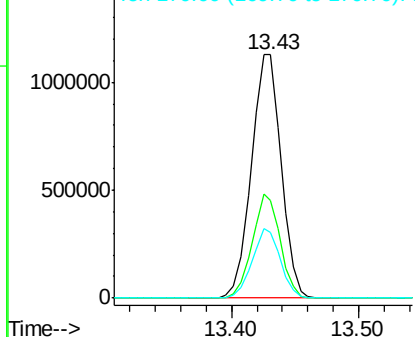
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

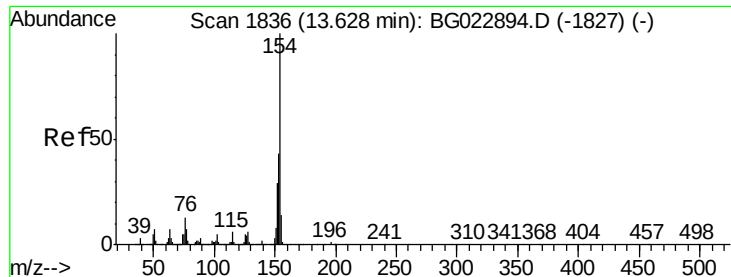


#44
 2-Fluorobiphenyl
 Concen: 69.49 ng
 RT: 13.43 min Scan# 1803
 Delta R.T. 0.02 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1840851		
171	40.1	31.6	47.4	
170	27.2	21.3	31.9	

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





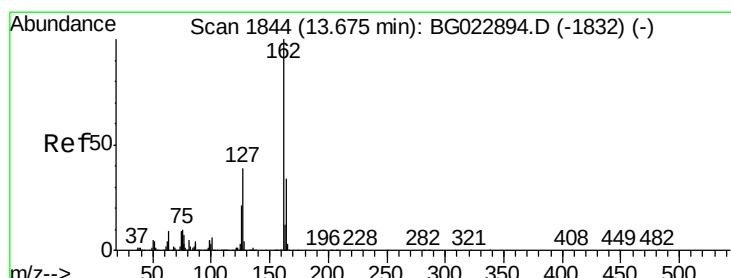
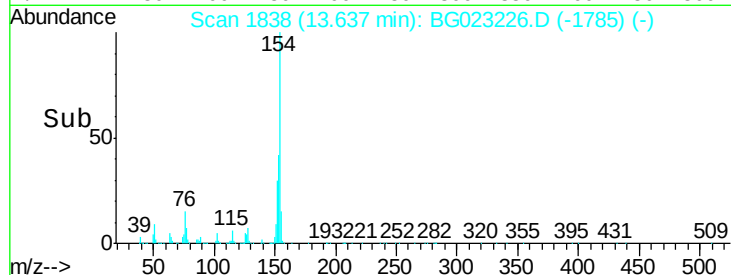
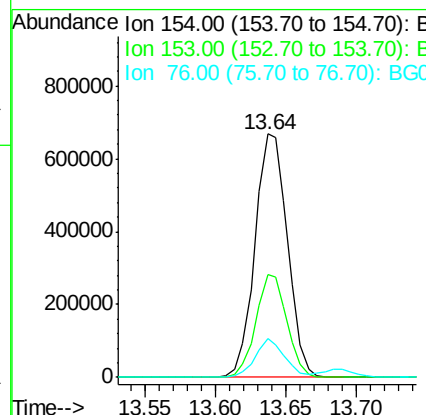
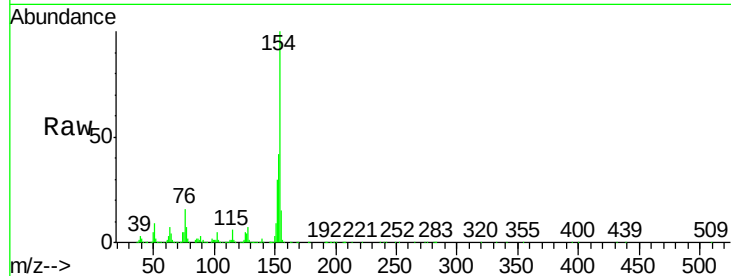
#45
 1,1'-Biphenyl
 Concen: 34.43 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.2	60.2
76	15.7	0.0	32.9

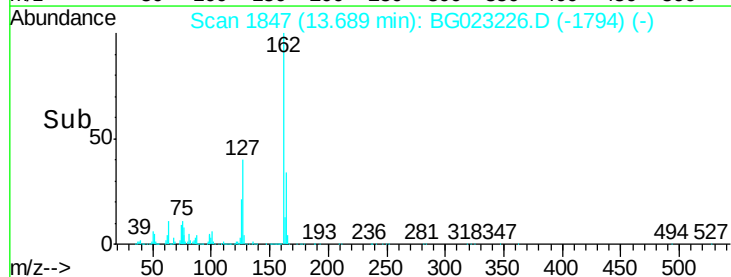
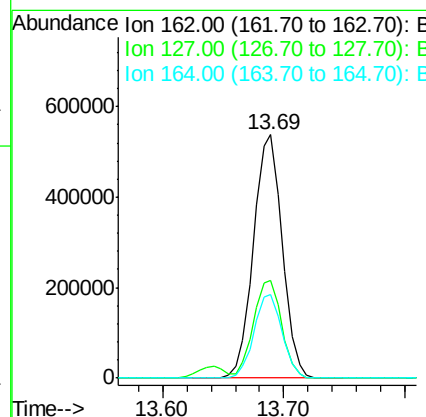
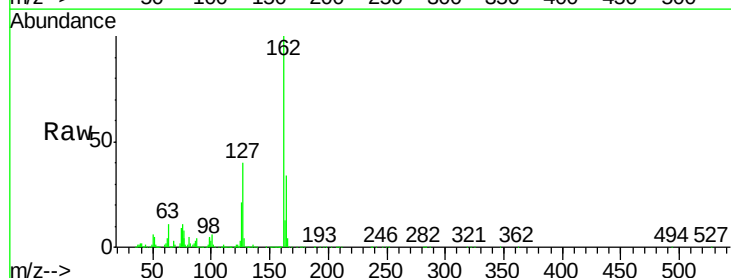
Manual Integrations
 APPROVED

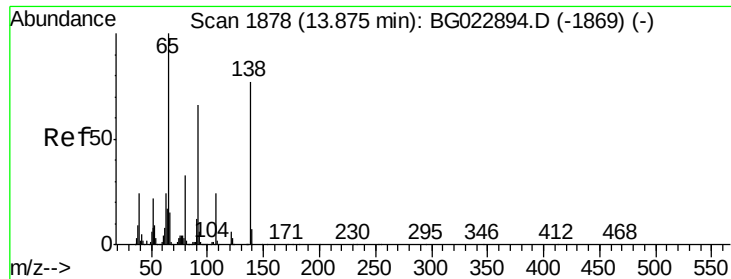
sohil
 7/25/2016 6:48:05 PM



#46
 2-Chloronaphthalene
 Concen: 35.10 ng
 RT: 13.69 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.4	48.6
164	34.3	25.2	37.8





#47

2-Nitroaniline

Concen: 35.73 ng

RT: 13.89 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

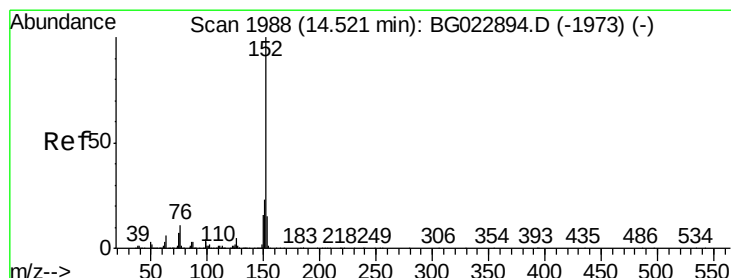
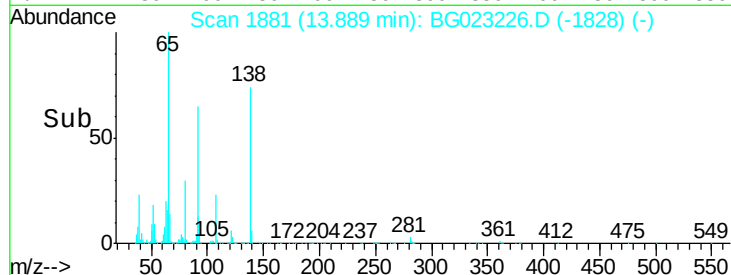
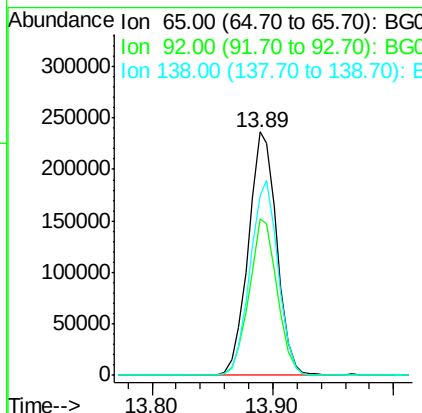
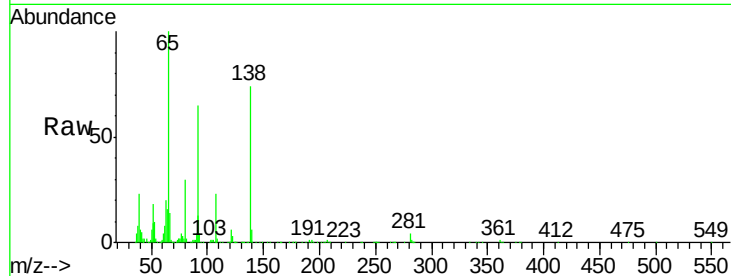
ClientSampleId :

D-2MSD

Tgt Ion:	65	Resp:	387118
Ion Ratio	Lower	Upper	
65	100		
92	64.5	49.4	74.0
138	73.9	58.0	87.0

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM



#48

Acenaphthylene

Concen: 35.37 ng

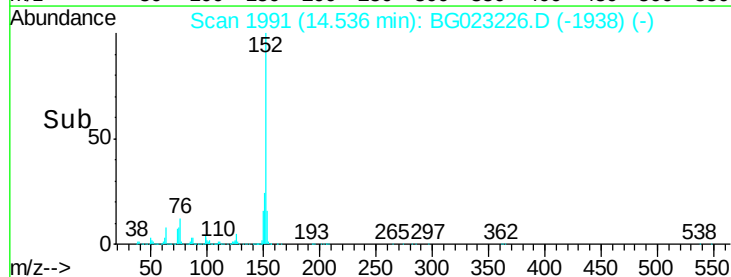
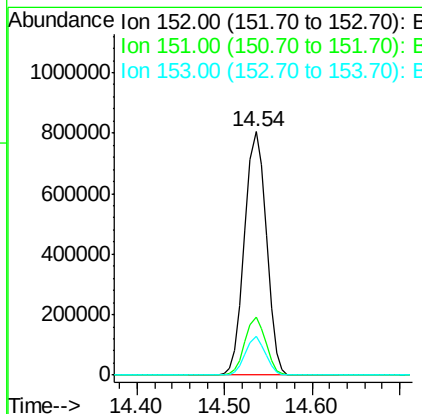
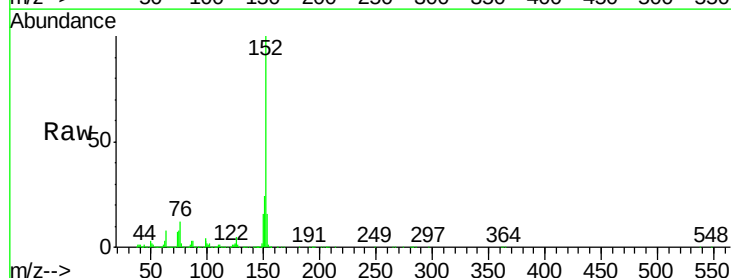
RT: 14.54 min Scan# 1991

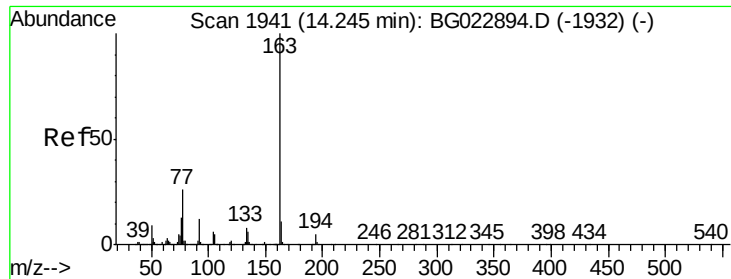
Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion:	152	Resp:	1347411
Ion Ratio	Lower	Upper	
152	100		
151	23.8	17.6	26.4
153	15.9	11.4	17.2





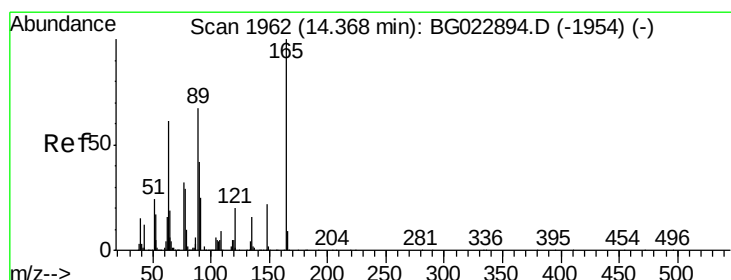
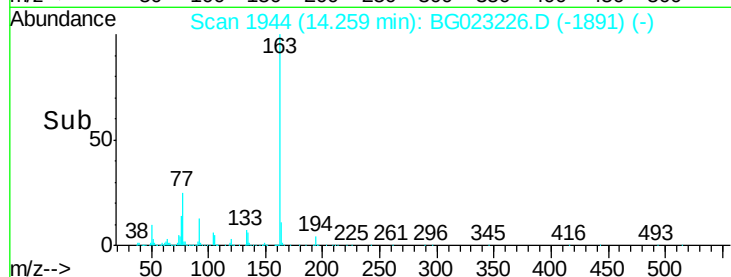
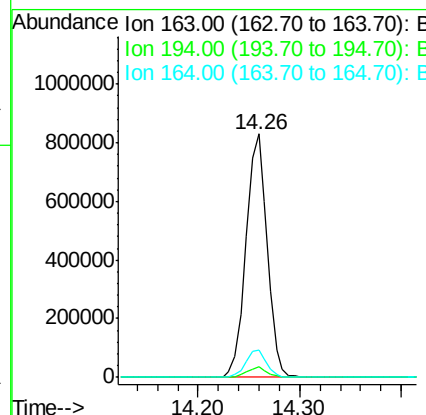
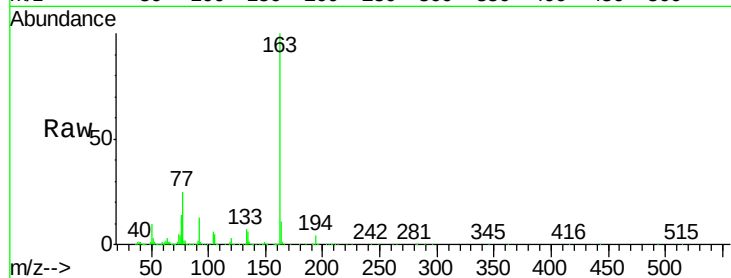
#49
Dimethylphthalate
Concen: 35.20 ng
RT: 14.26 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampled :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.3	8.1	12.1

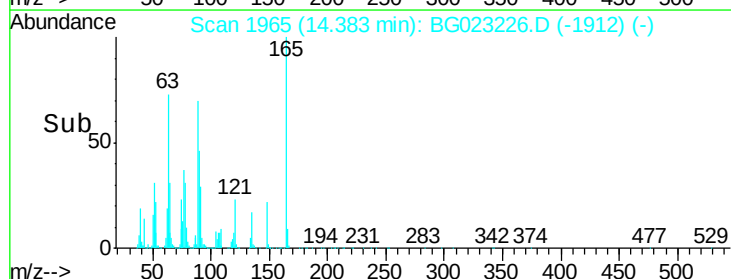
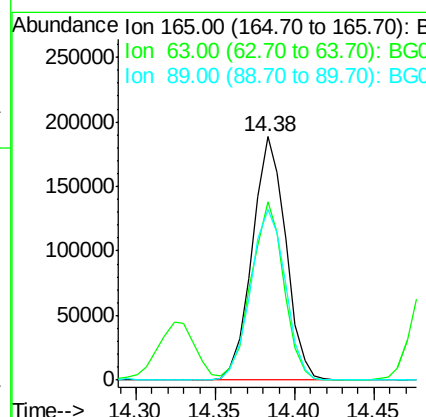
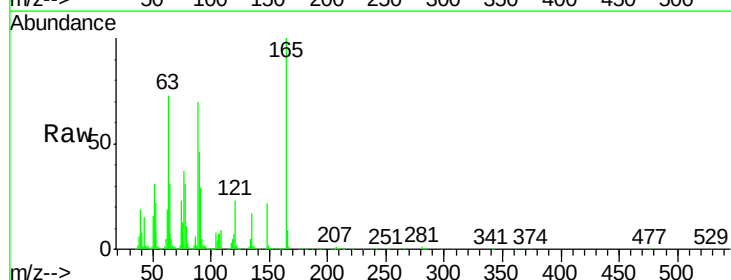
Manual Integrations
APPROVED

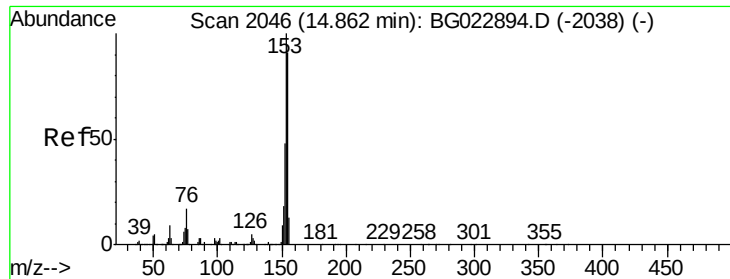
sohil
7/25/2016 6:48:05 PM



#50
2,6-Dinitrotoluene
Concen: 36.17 ng
RT: 14.38 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.5	64.3	96.5
89	70.0	64.3	96.5





#51

Acenaphthene

Concen: 35.05 ng

RT: 14.88 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

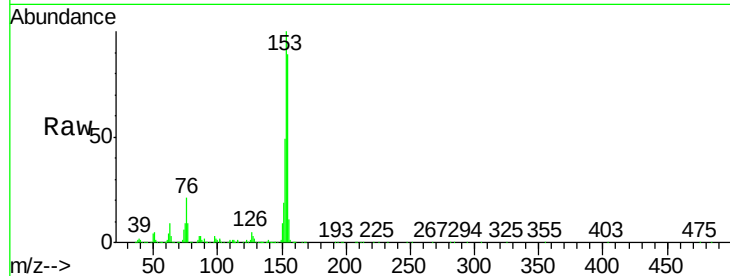
ClientSampleId :

D-2MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.5	131.3
152	54.8	42.7	64.1

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM

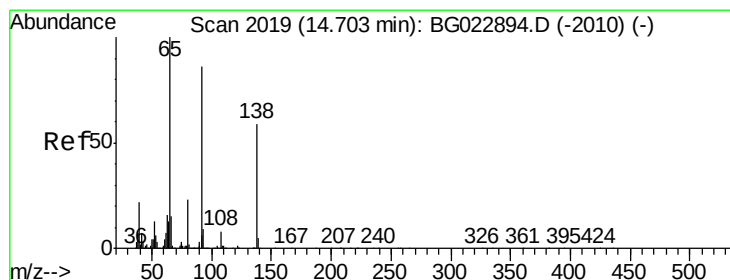
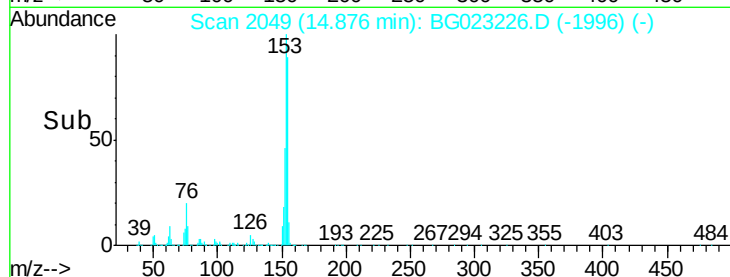
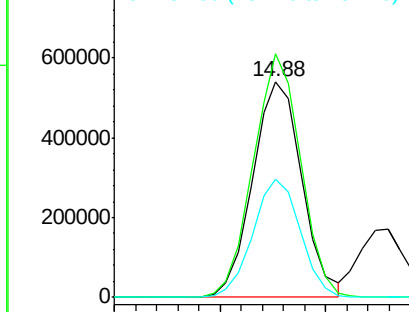


Abundance

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: 9.85 ng

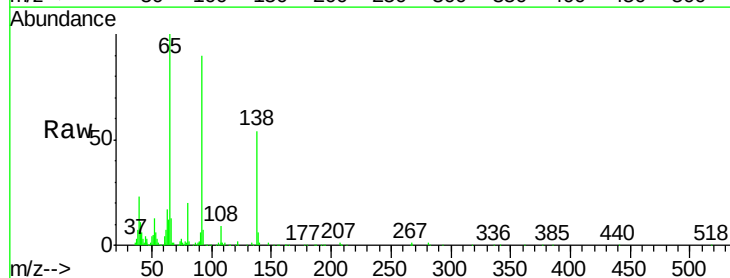
RT: 14.72 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
138	100		
108	17.4	11.7	17.5
92	165.9	129.7	194.5

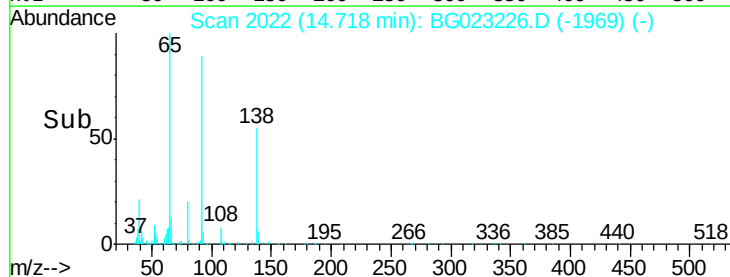
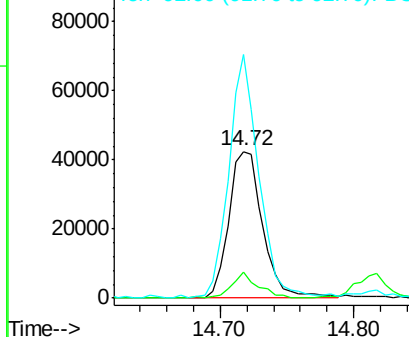


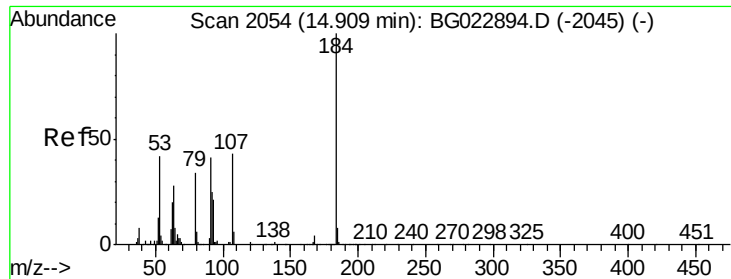
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO





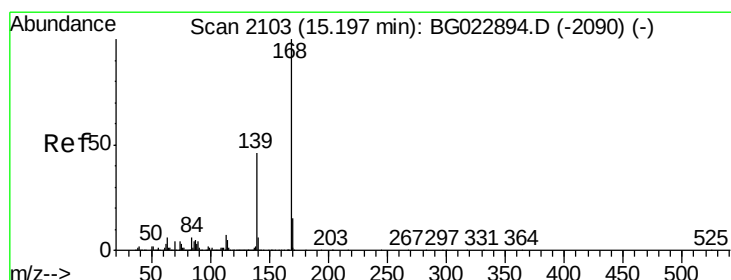
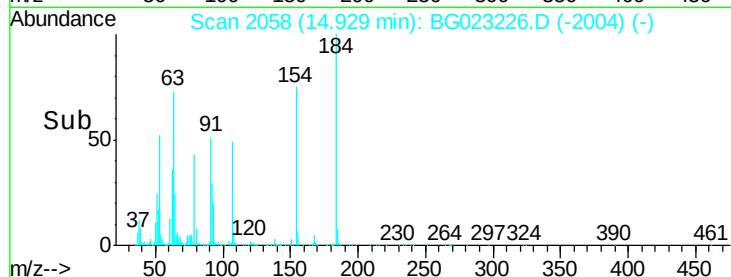
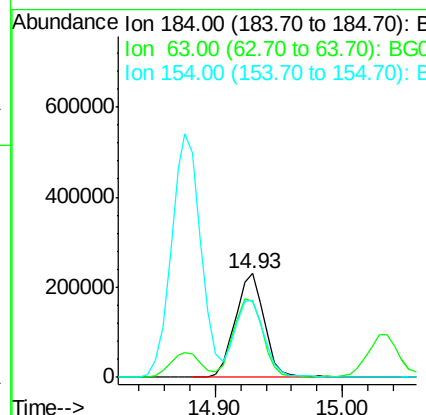
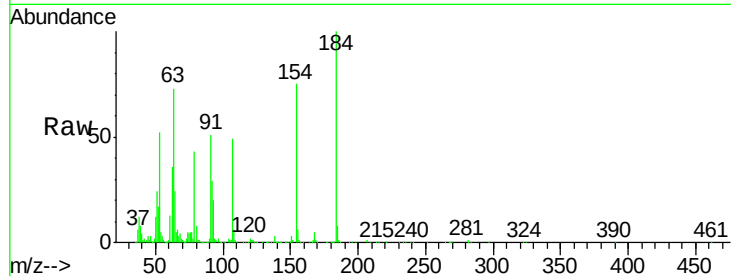
#53
2,4-Dinitrophenol
Concen: 69.01 ng
RT: 14.93 min Scan# 2058
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion:184 Resp: 362678
Ion Ratio Lower Upper
184 100
63 73.3 59.6 89.4
154 74.6 67.4 101.0

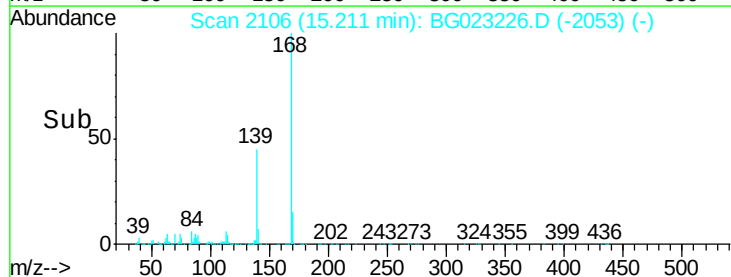
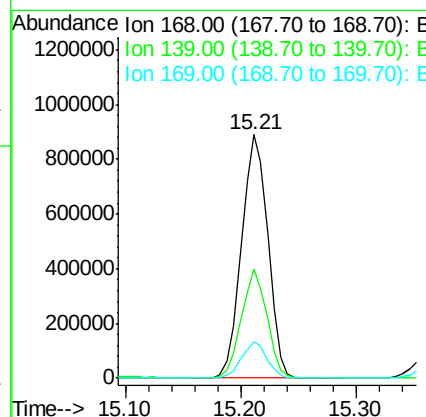
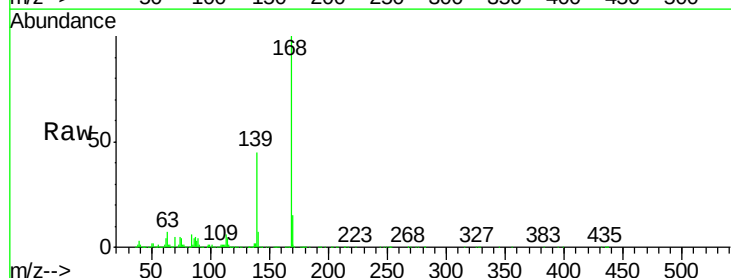
Manual Integrations
APPROVED

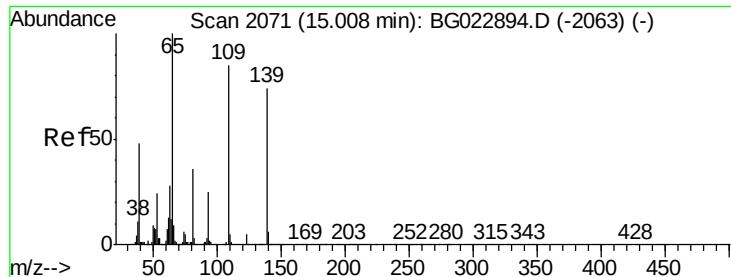
sohil
7/25/2016 6:48:05 PM



#54
Dibenzofuran
Concen: 37.63 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion:168 Resp: 1402330
Ion Ratio Lower Upper
168 100
139 44.9 36.4 54.6
169 15.1 11.9 17.9





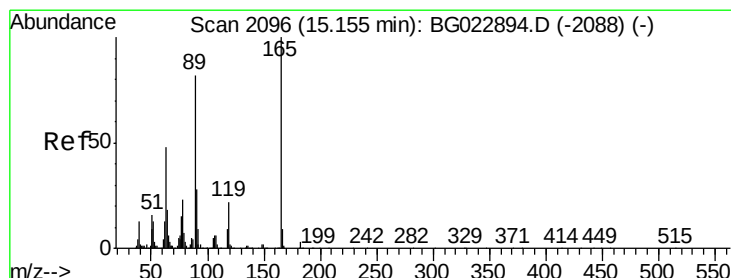
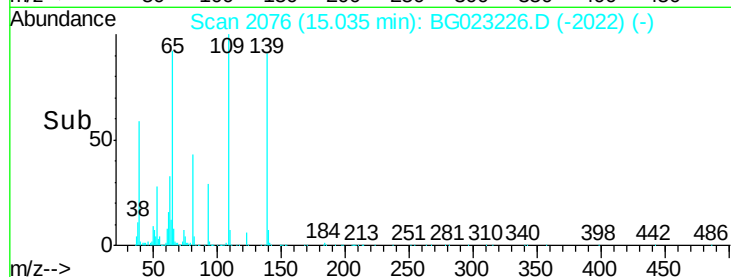
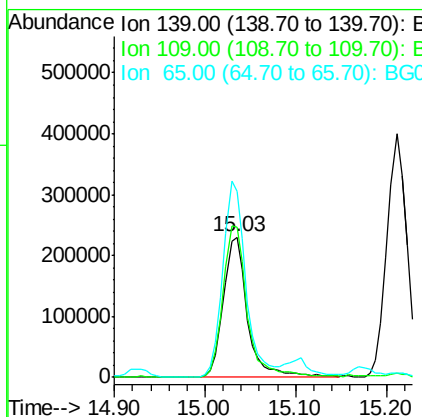
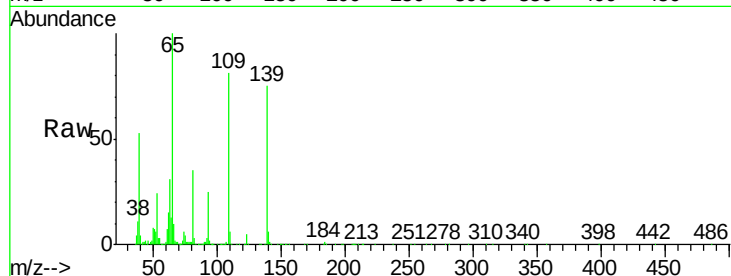
#55
4-Nitrophenol
Concen: 66.22 ng
RT: 15.03 min Scan# 2076
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampled :
D-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	423990		
109	107.3	103.0	143.0	
65	132.6	112.7	152.7	

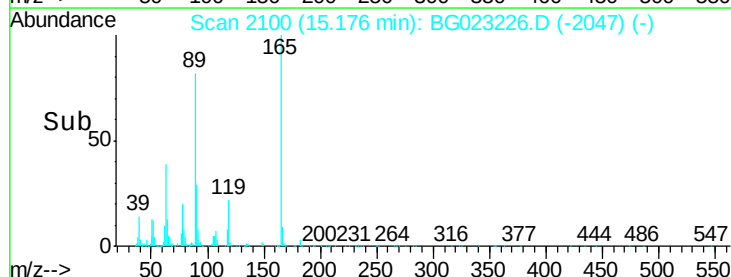
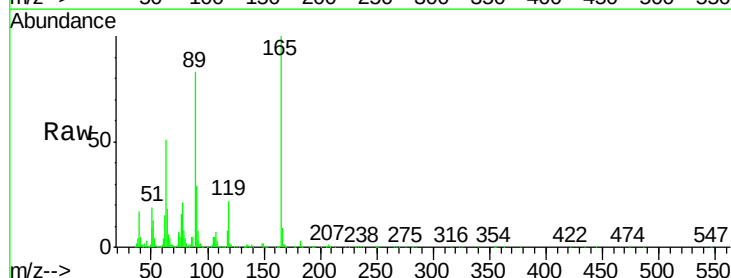
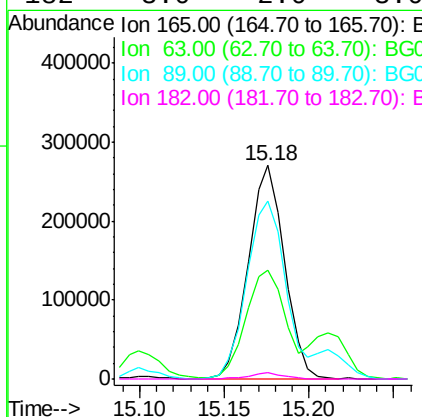
Manual Integrations
APPROVED

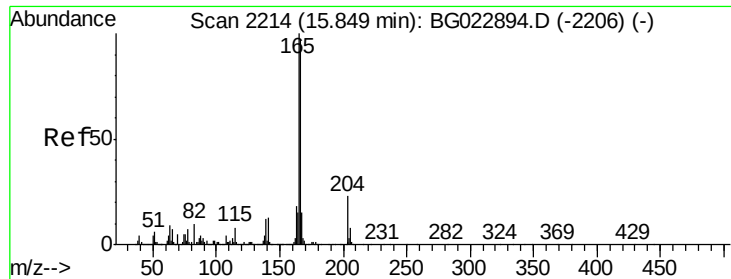
sohil
7/25/2016 6:48:05 PM



#56
2,4-Dinitrotoluene
Concen: 36.05 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	402573		
63	50.7	45.8	68.6	
89	83.3	68.6	102.8	
182	3.0	2.0	3.0	





#57

Fluorene

Concen: 35.18 ng

RT: 15.86 min Scan# 2217

Delta R.T. 0.02 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

ClientSampleId :

D-2MSD

Tgt Ion:166 Resp: 1128342

Ion Ratio Lower Upper

166 100

165 95.8 81.0 121.6

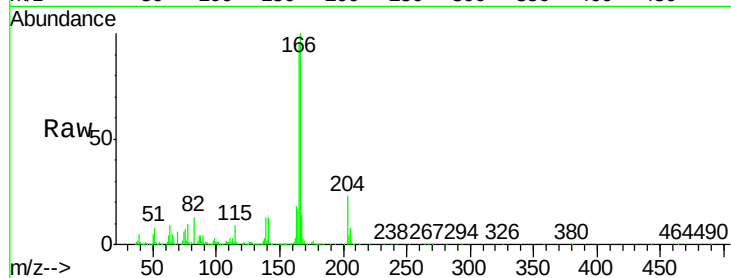
167 14.2 12.0 18.0

Manual Integrations

APPROVED

sohil

7/25/2016 6:48:05 PM

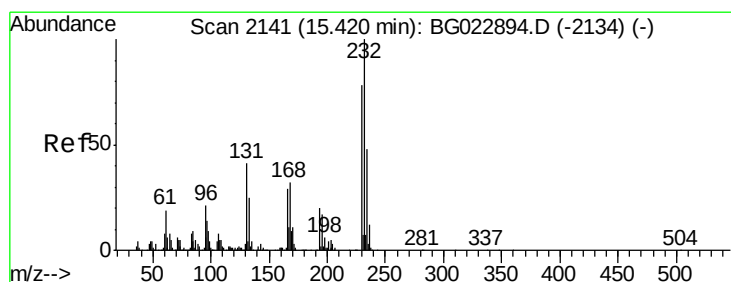
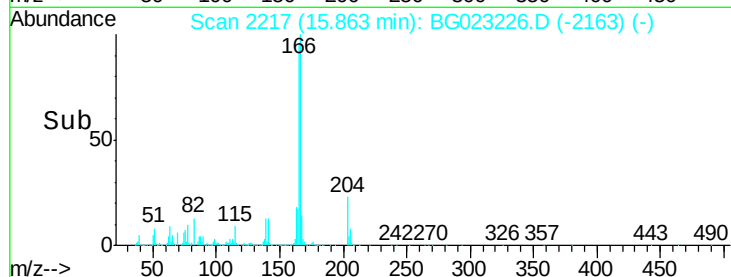
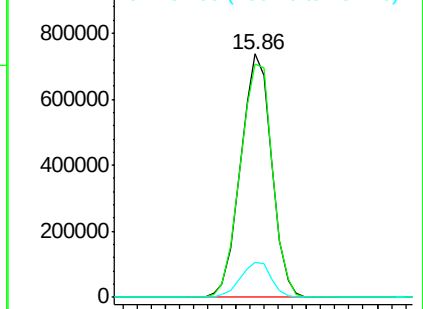


Abundance

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: 33.72 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Tgt Ion:232 Resp: 357995

Ion Ratio Lower Upper

232 100

131 43.8 32.7 49.1

130 3.0 2.6 3.8

166 29.9 23.0 34.6

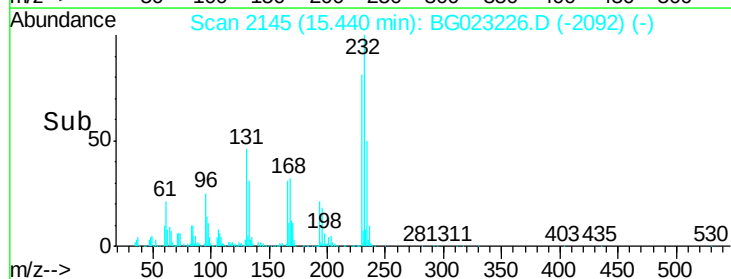
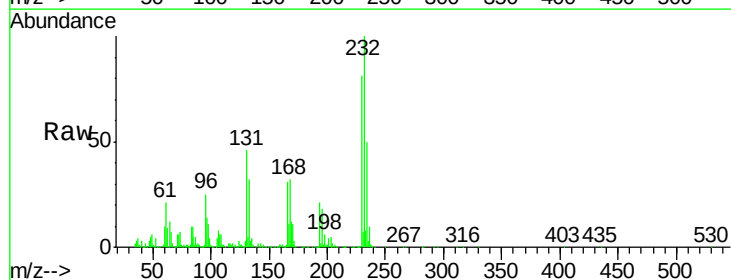
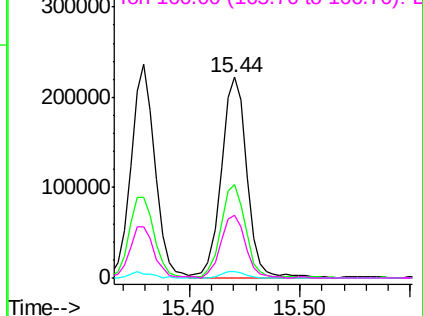
Abundance

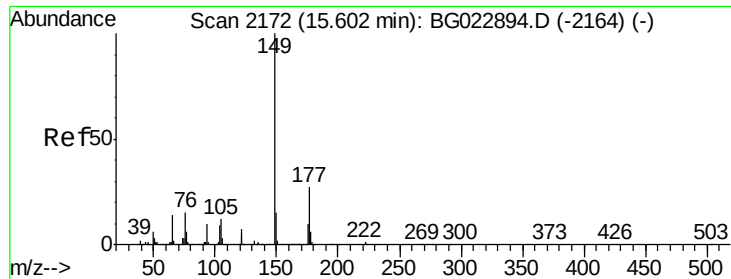
Ion 232.00 (231.70 to 232.70): E

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





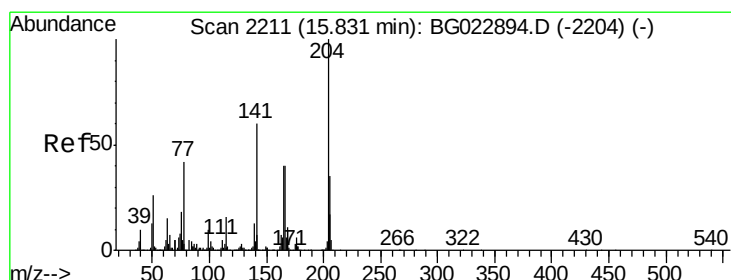
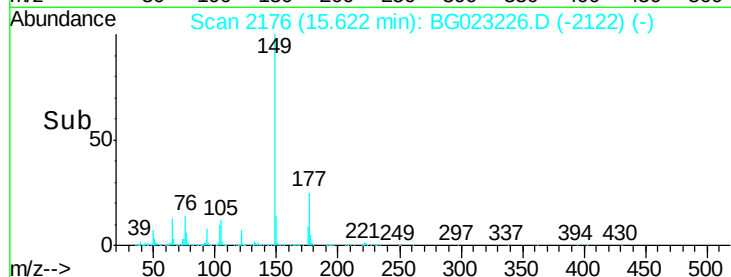
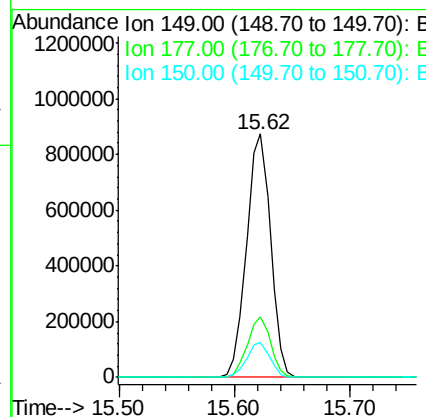
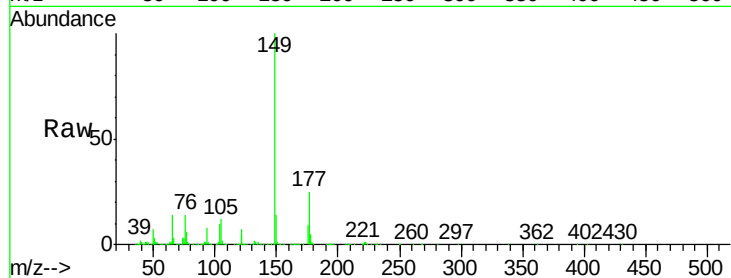
#59
Diethylphthalate
Concen: 36.36 ng
RT: 15.62 min Scan# 2176
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampled :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.2	28.8
150	14.4	10.6	16.0

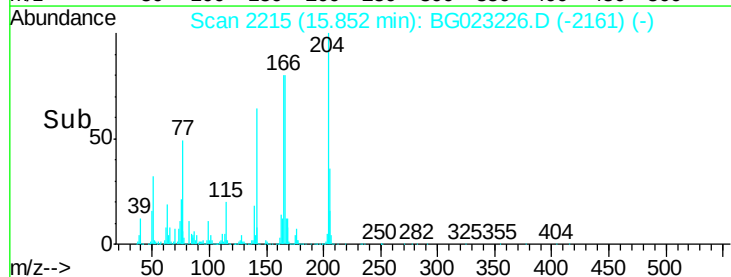
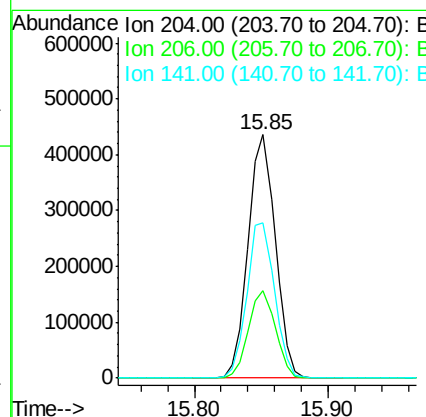
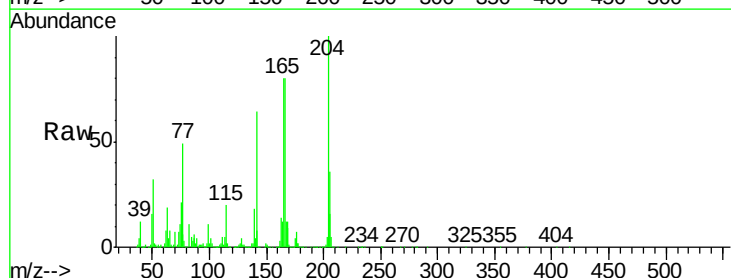
Manual Integrations
APPROVED

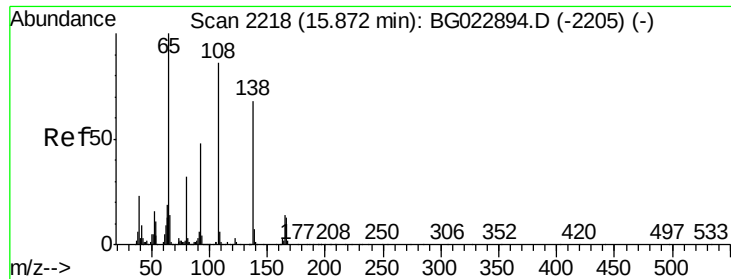
sohil
7/25/2016 6:48:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.31 ng
RT: 15.85 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.5	42.7
141	63.6	51.4	77.0





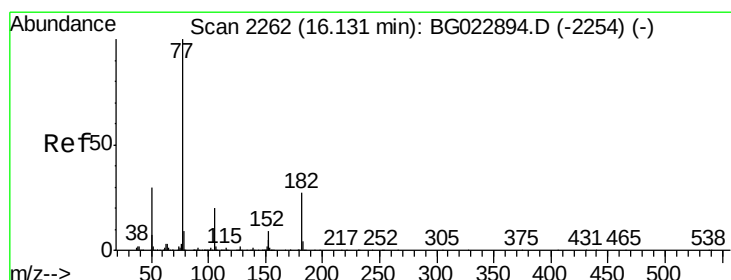
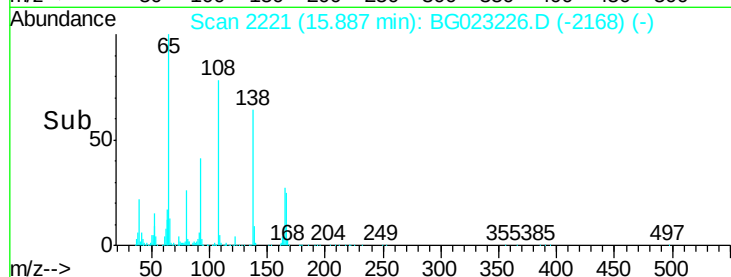
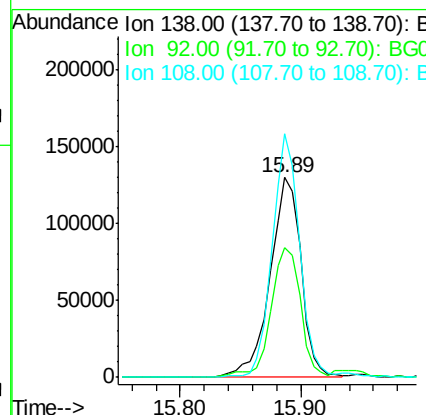
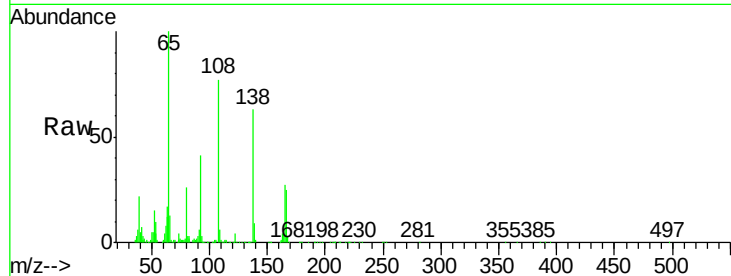
#61
4-Nitroaniline
Concen: 27.70 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.1	54.1	94.1
108	122.1	133.9	173.9#

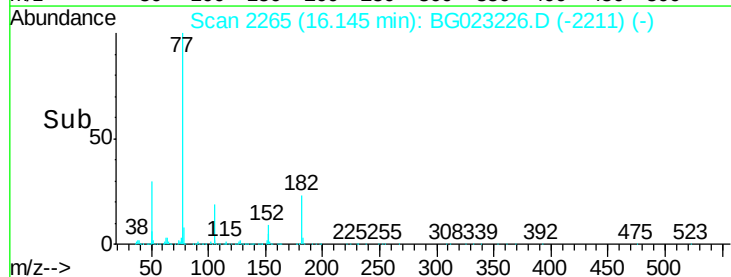
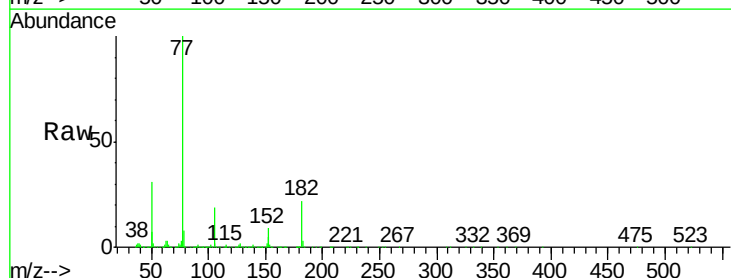
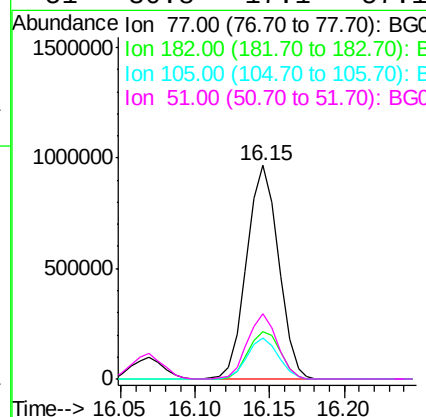
Manual Integrations
APPROVED

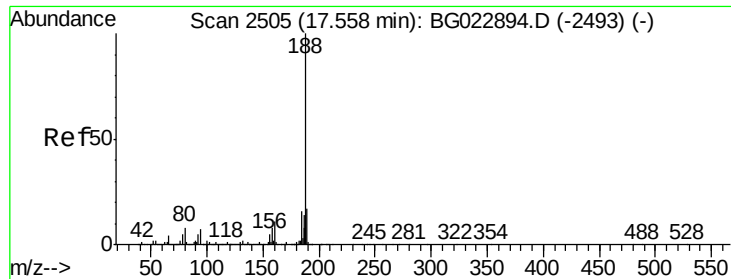
sohil
7/25/2016 6:48:05 PM



#62
Azobenzene
Concen: 42.98 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	3.5	43.5
105	19.2	0.0	38.5
51	30.8	17.1	57.1





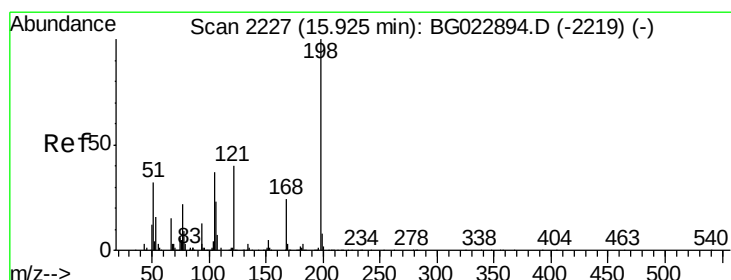
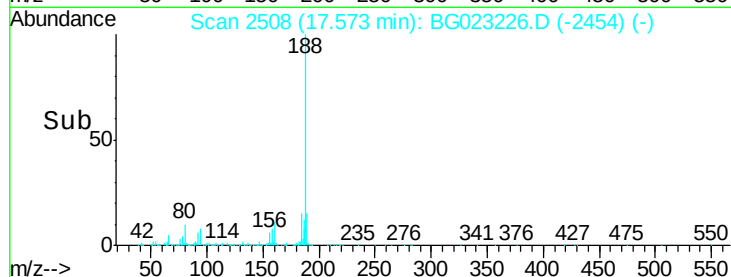
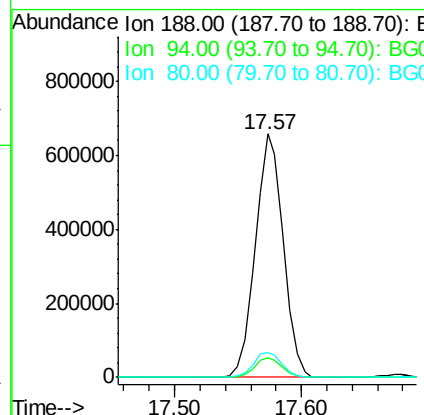
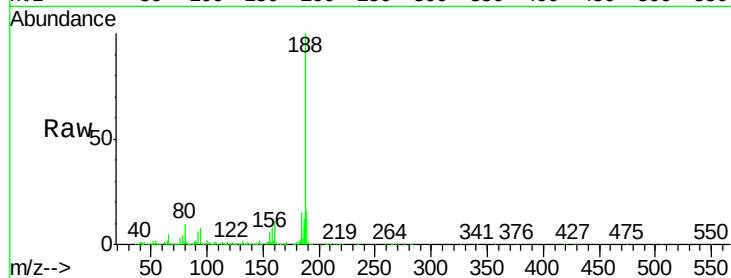
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.02 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

Tgt Ion:188 Resp: 1006626
 Ion Ratio Lower Upper
 188 100
 94 8.2 5.2 7.8#
 80 10.2 7.2 10.8

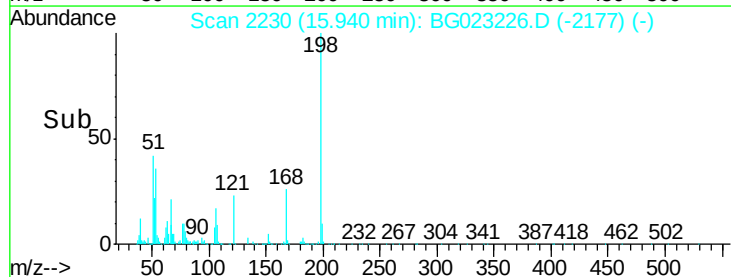
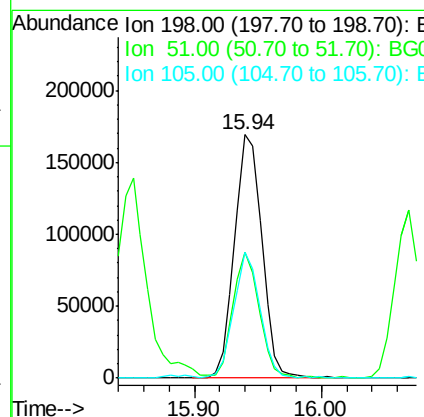
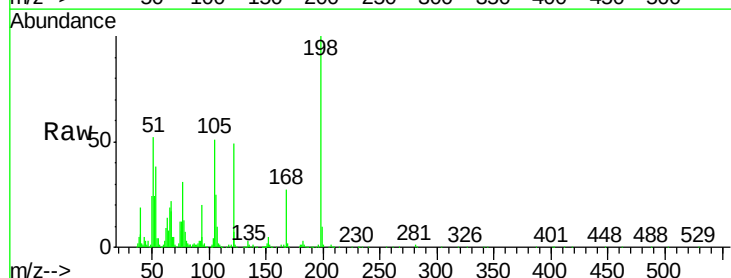
Manual Integrations
 APPROVED

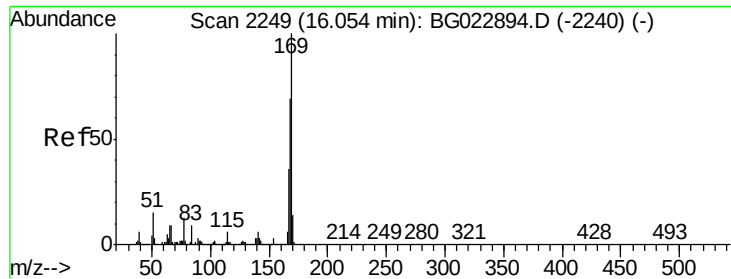
sohil
 7/25/2016 6:48:05 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.77 ng
 RT: 15.94 min Scan# 2230
 Delta R.T. 0.01 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion:198 Resp: 252659
 Ion Ratio Lower Upper
 198 100
 51 51.7 26.0 66.0
 105 51.5 20.1 60.1





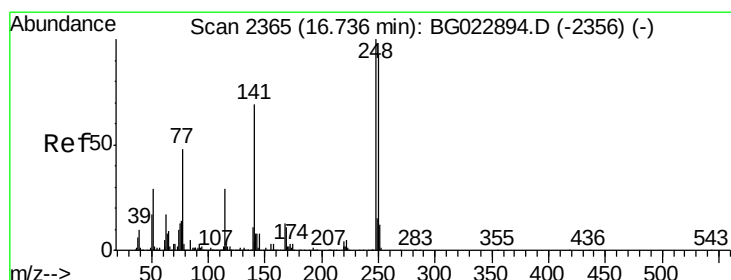
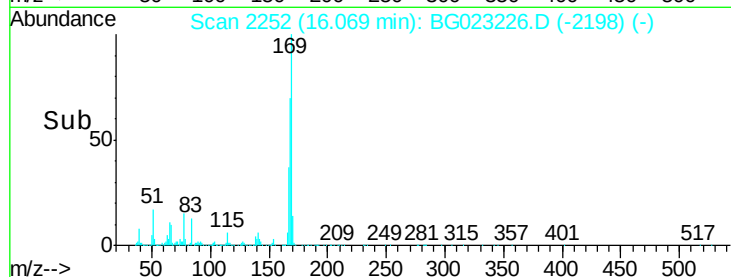
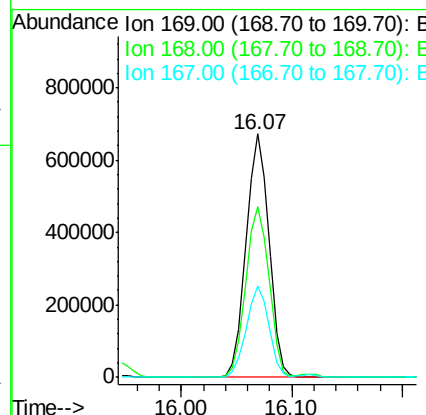
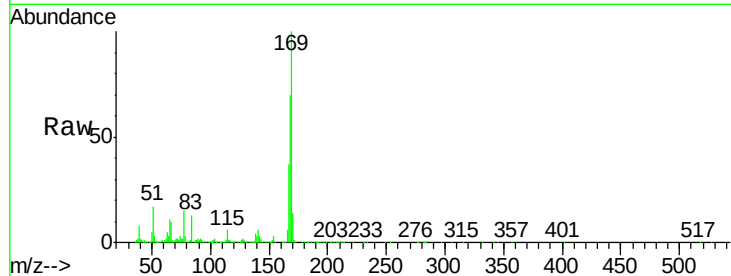
#65
n-Nitrosodiphenylamine
Concen: 33.95 ng
RT: 16.07 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	984601		
168	70.1	55.0	82.4	
167	37.2	27.4	41.0	

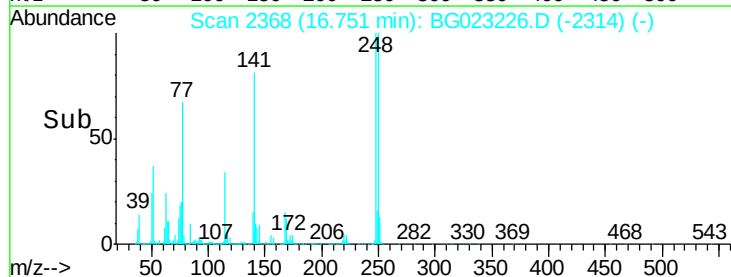
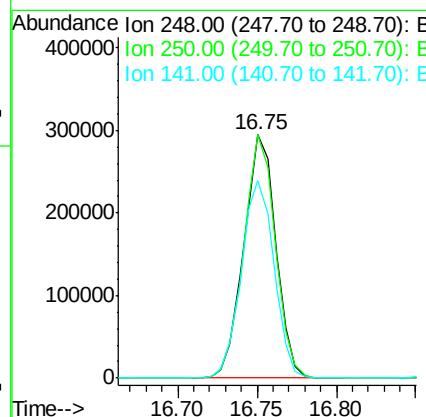
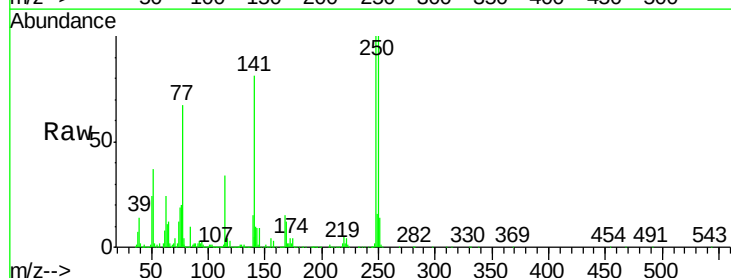
Manual Integrations
APPROVED

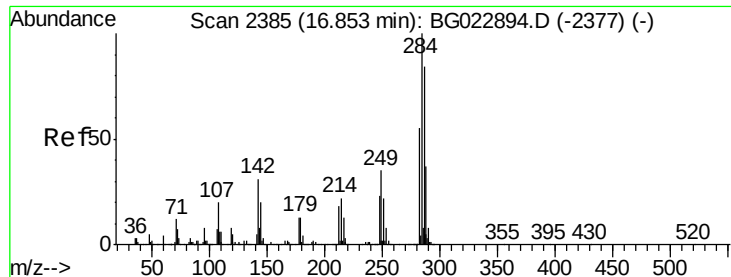
sohil
7/25/2016 6:48:05 PM



#66
4-Bromophenyl-phenylether
Concen: 31.42 ng
RT: 16.75 min Scan# 2368
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	411532		
250	99.9	77.8	116.8	
141	81.3	65.7	98.5	





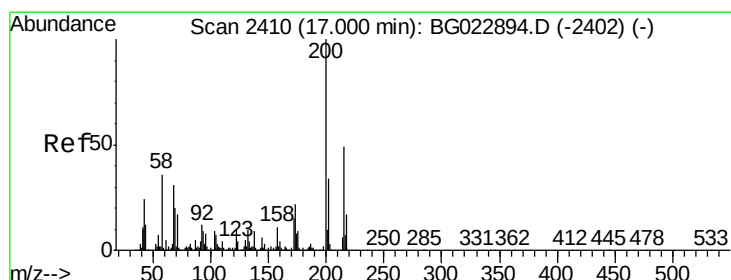
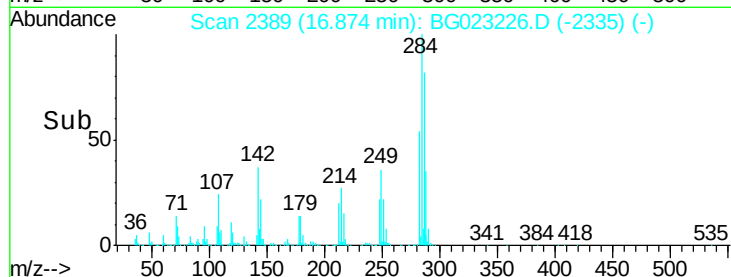
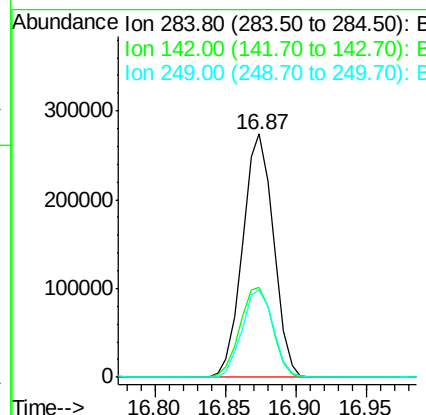
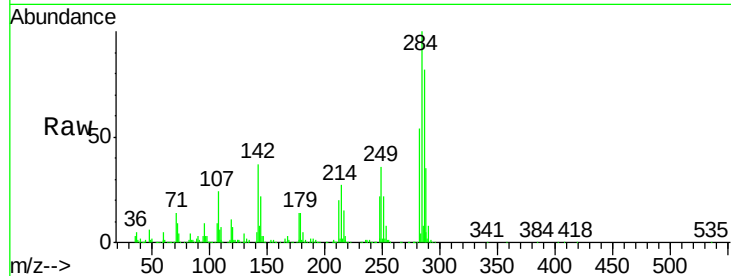
#67
Hexachlorobenzene
Concen: 29.40 ng
RT: 16.87 min Scan# 2389
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	418676		
142	37.2	26.8	40.2	
249	35.8	28.9	43.3	

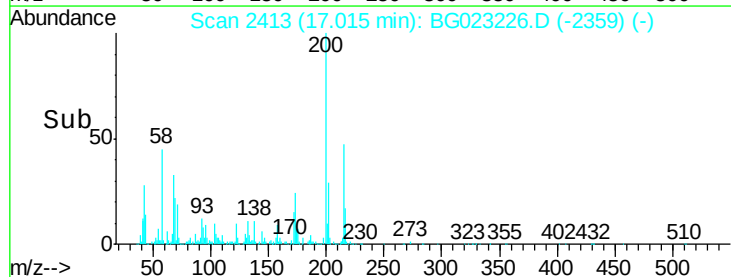
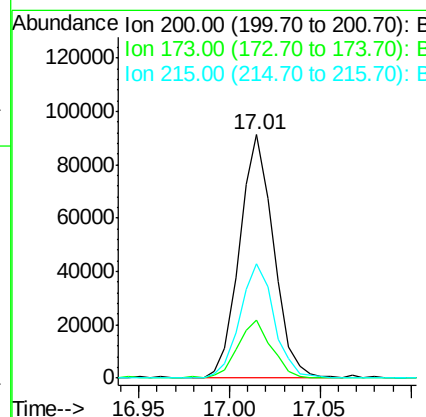
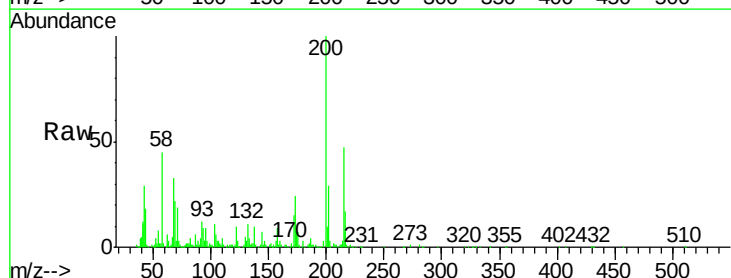
Manual Integrations
APPROVED

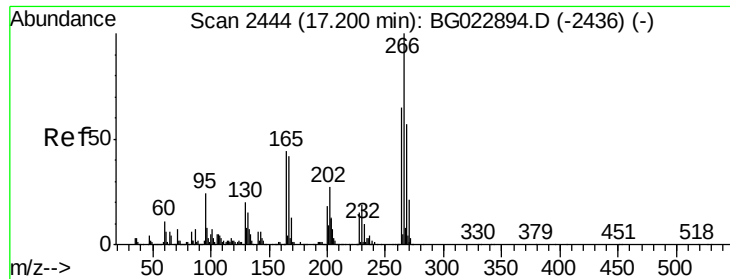
sohil
7/25/2016 6:48:05 PM



#68
Atrazine
Concen: 9.24 ng
RT: 17.01 min Scan# 2413
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	118930		
173	24.1	1.6	41.6	
215	47.1	28.7	68.7	





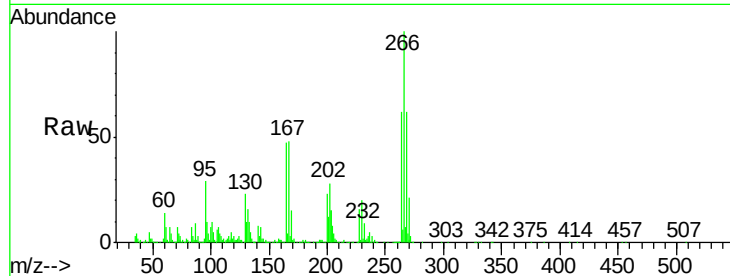
#69
 Pentachlorophenol
 Concen: 59.43 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. 0.02 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

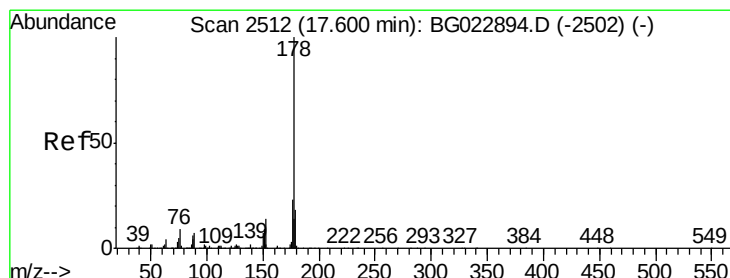
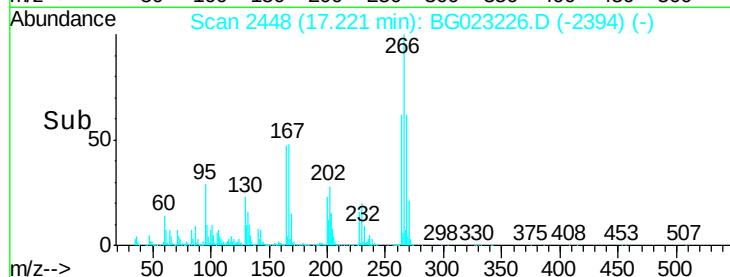
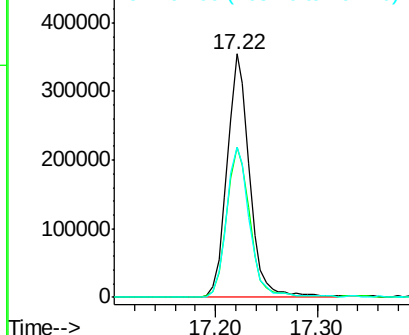
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.9	77.9
264	61.7	50.6	75.8

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:48:05 PM

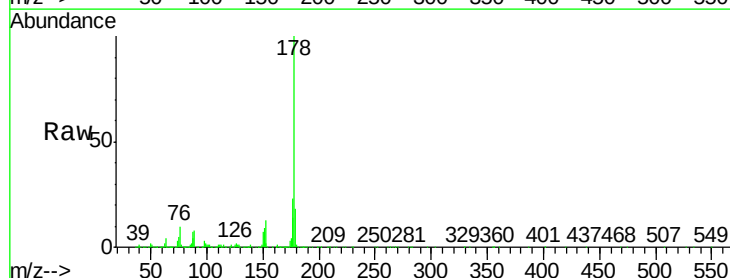


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

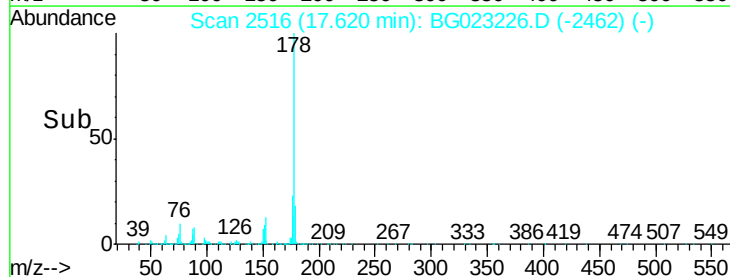
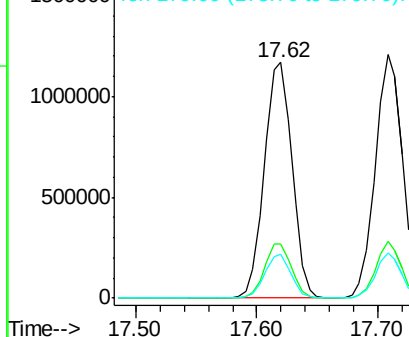


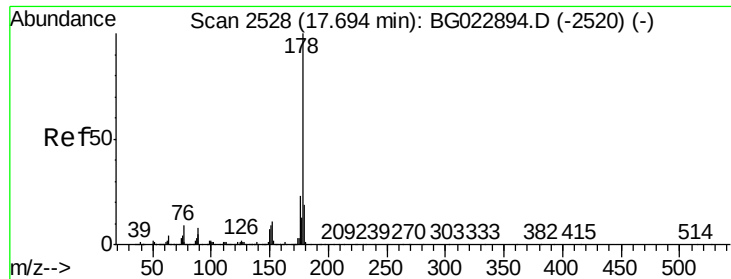
#70
 Phenanthrene
 Concen: 37.62 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.02 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.2	16.8	25.2
179	18.5	14.3	21.5



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





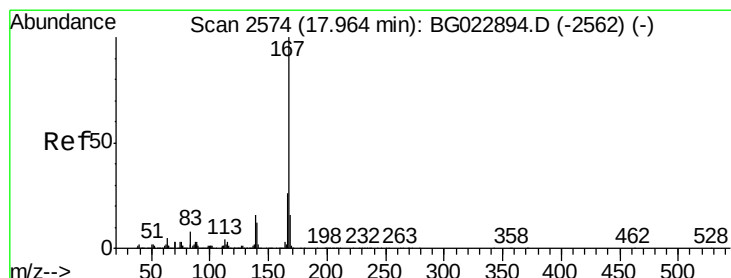
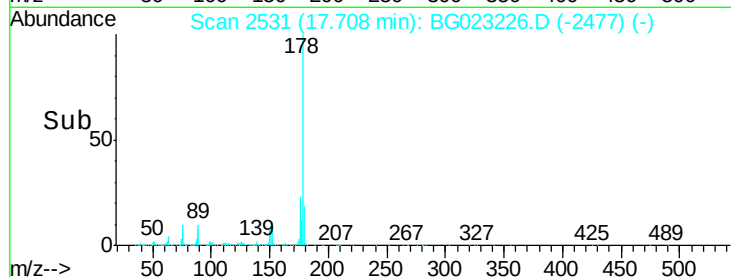
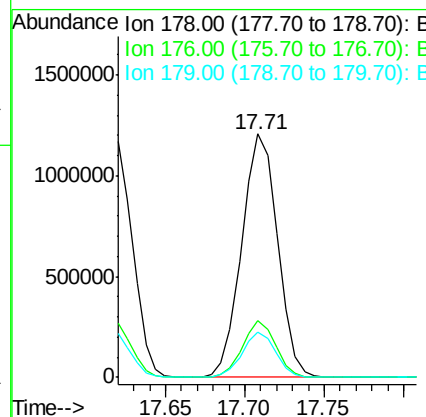
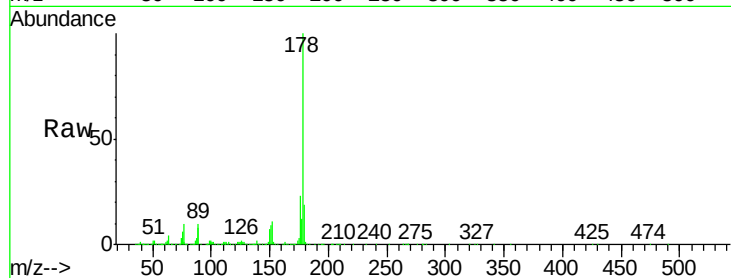
#71
 Anthracene
 Concen: 37.84 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. 0.02 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 D-2MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.1	17.3	25.9
179	18.7	14.0	21.0

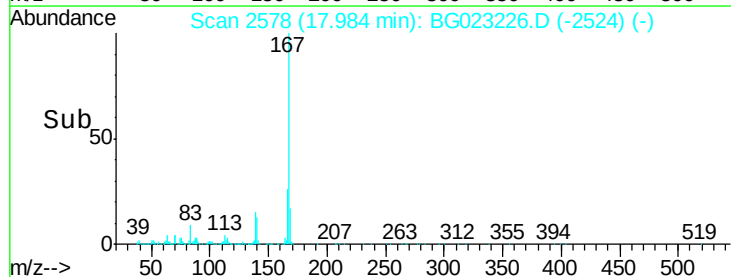
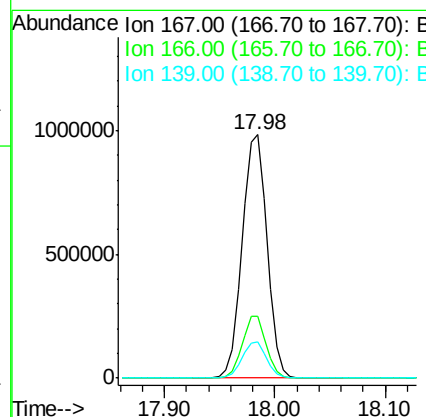
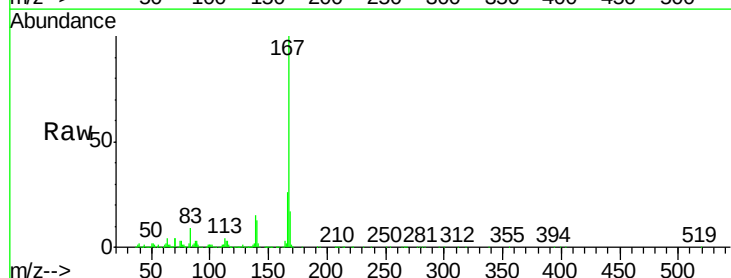
Manual Integrations
 APPROVED

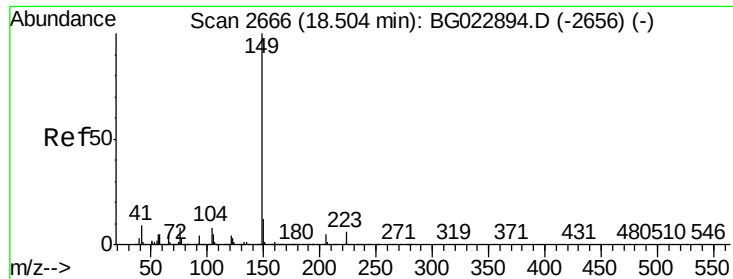
sohil
 7/25/2016 6:48:05 PM



#72
 Carbazole
 Concen: 36.17 ng
 RT: 17.98 min Scan# 2578
 Delta R.T. 0.02 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.5	20.7	31.1
139	15.2	11.9	17.9





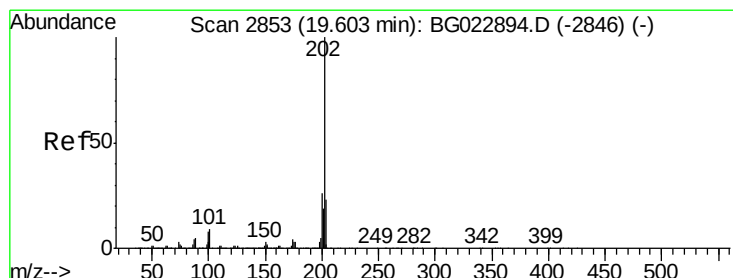
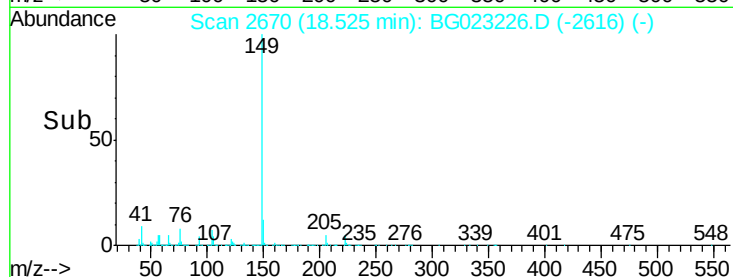
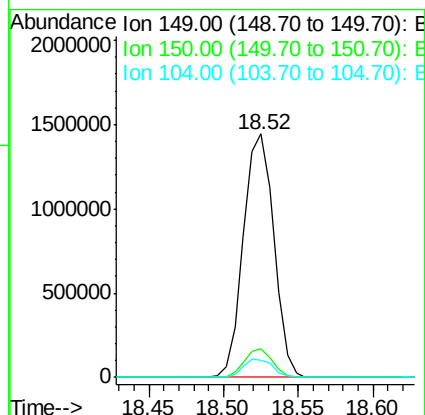
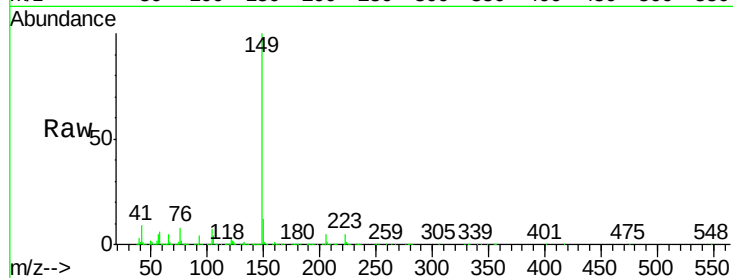
#73
Di-n-butylphthalate
Concen: 42.53 ng
RT: 18.52 min Scan# 2670
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.1	13.7
104	7.2	6.9	10.3

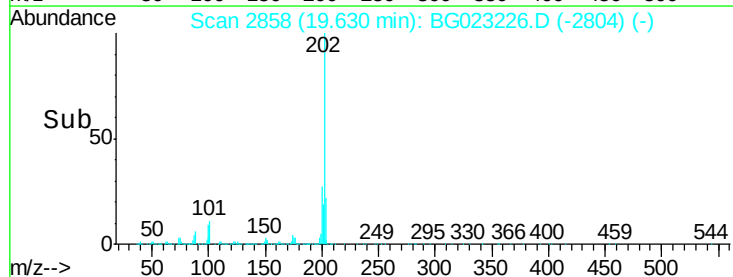
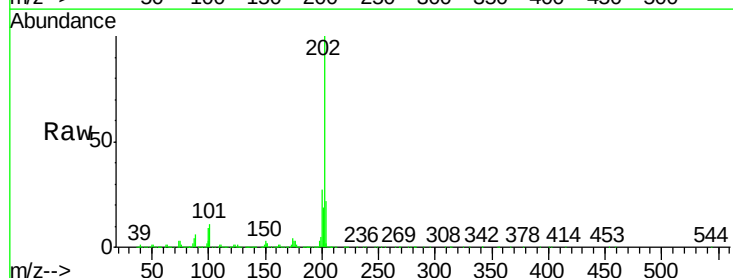
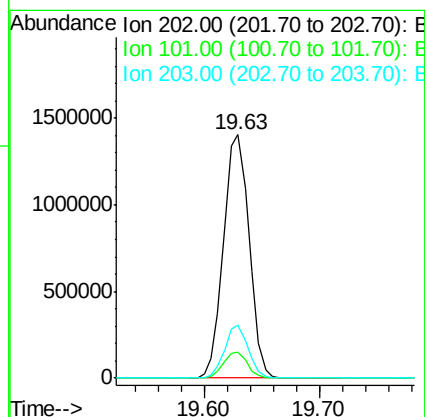
Manual Integrations
APPROVED

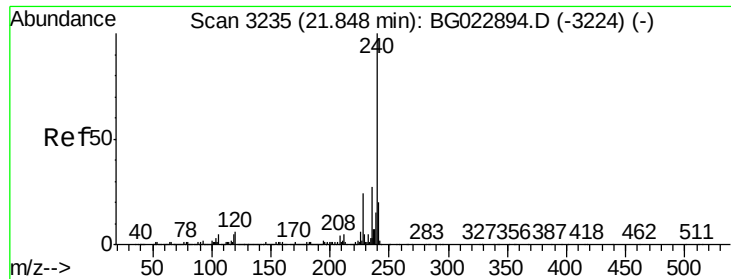
sohil
7/25/2016 6:48:05 PM



#74
Fluoranthene
Concen: 35.63 ng
RT: 19.63 min Scan# 2858
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	27.4
203	21.7	1.7	41.7





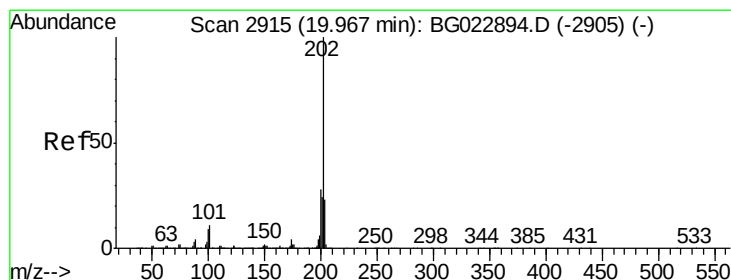
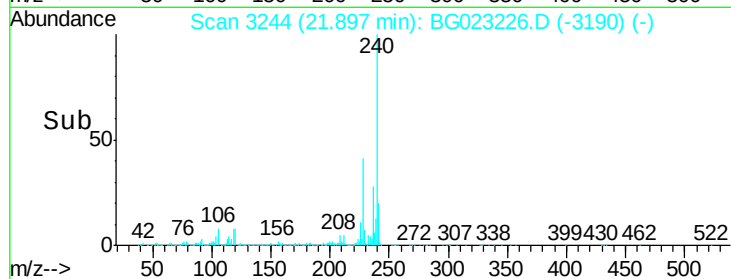
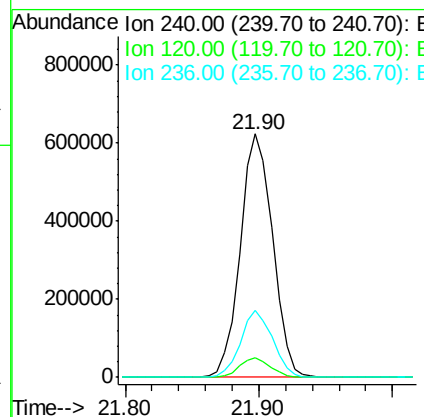
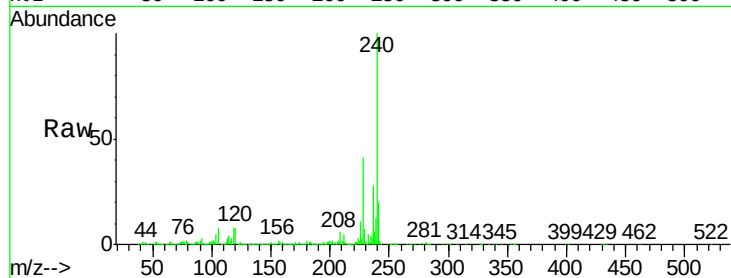
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3244
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion:240 Resp: 1040318
Ion Ratio Lower Upper
240 100
120 8.1 4.1 6.1#
236 27.7 21.1 31.7

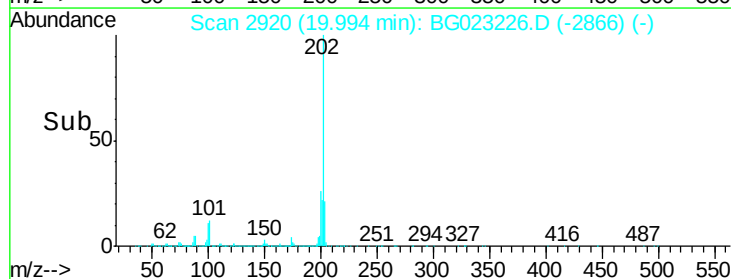
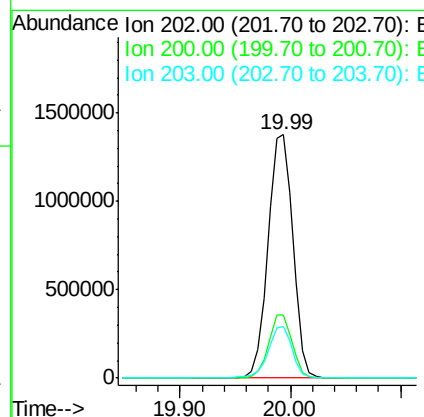
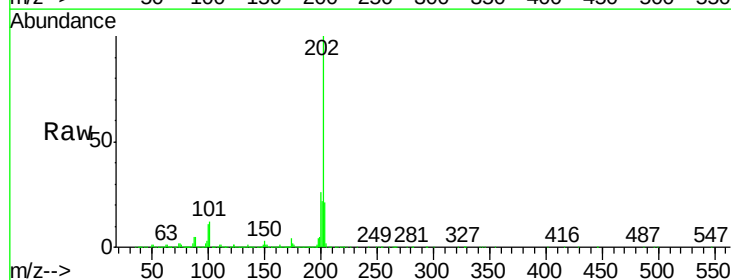
Manual Integrations
APPROVED

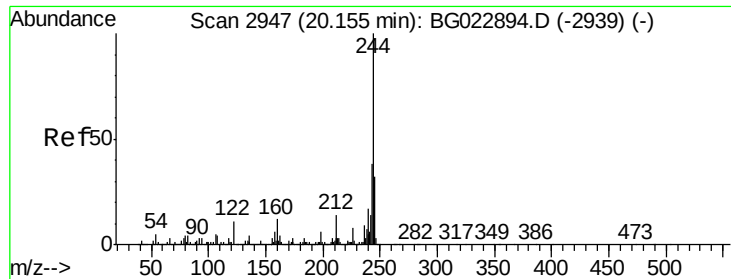
sohil
7/25/2016 6:48:05 PM



#77
Pyrene
Concen: 37.27 ng
RT: 19.99 min Scan# 2920
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion:202 Resp: 2178931
Ion Ratio Lower Upper
202 100
200 25.9 21.2 31.8
203 21.1 16.8 25.2





#78

Terphenyl-d14

Concen: 79.82 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.02 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

Instrument :

BNA_G

ClientSampleId :

D-2MSD

Tgt Ion:244 Resp: 2679606

Ion Ratio Lower Upper

244 100

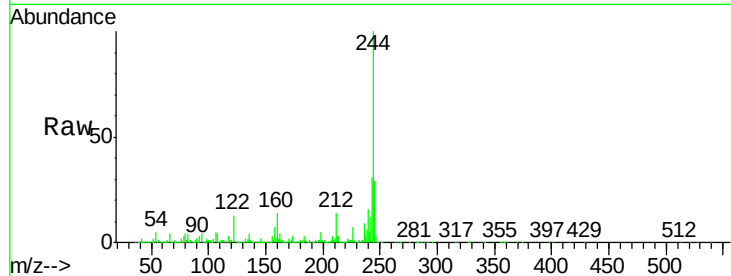
212 14.0 10.8 16.2

122 13.4 8.0 12.0#

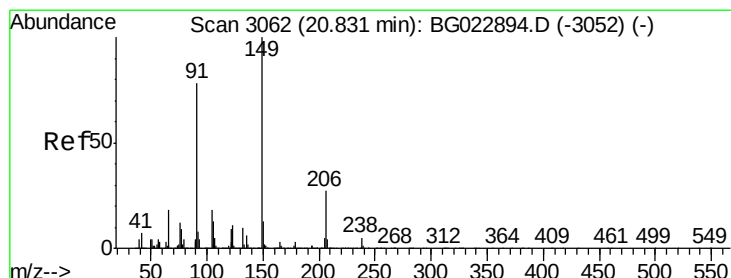
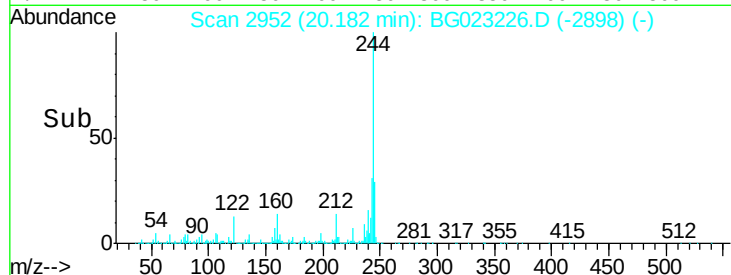
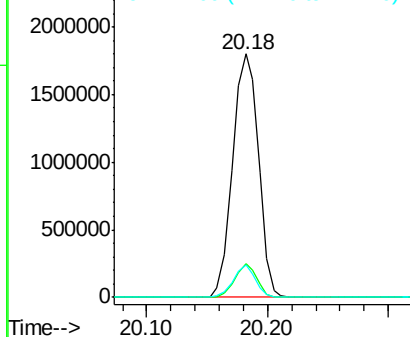
Manual Integrations
APPROVED

sohil

7/25/2016 6:48:05 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 42.51 ng

RT: 20.87 min Scan# 3069

Delta R.T. 0.02 min

Lab File: BG023226.D

Acq: 22 Jul 2016 22:04

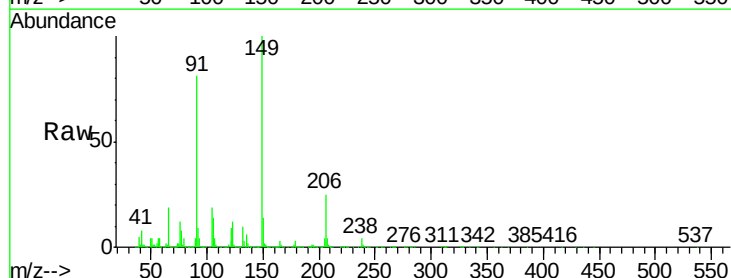
Tgt Ion:149 Resp: 984233

Ion Ratio Lower Upper

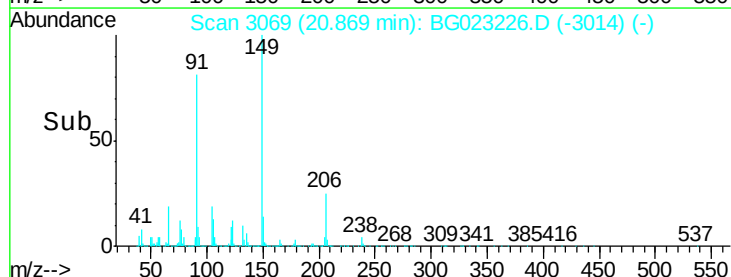
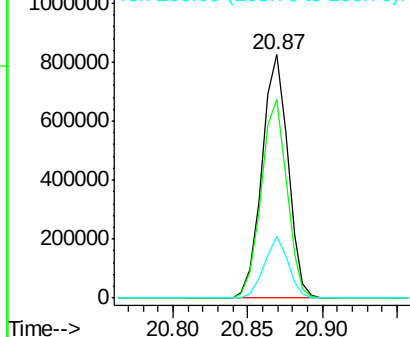
149 100

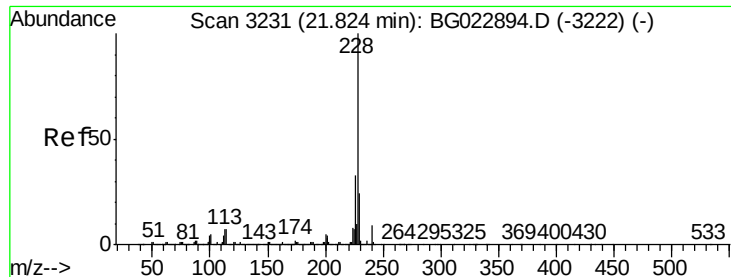
91 81.5 68.1 102.1

206 25.4 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





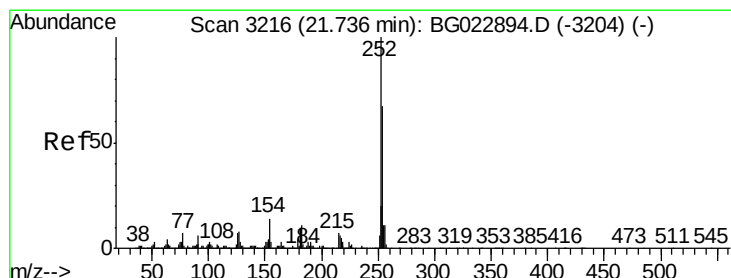
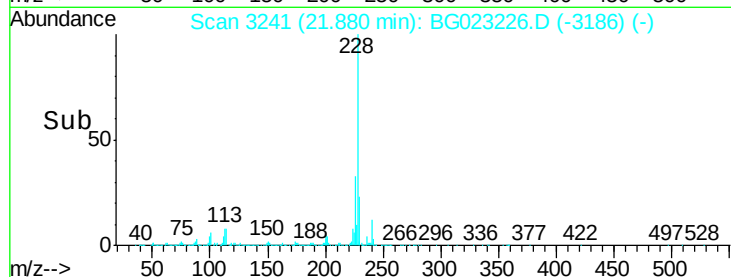
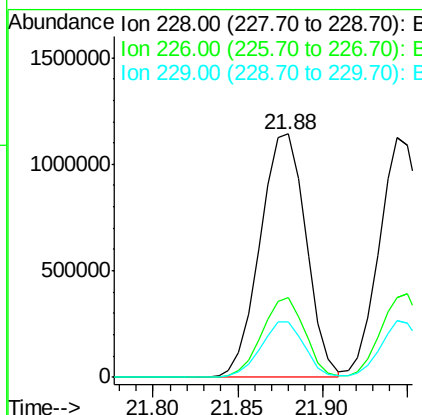
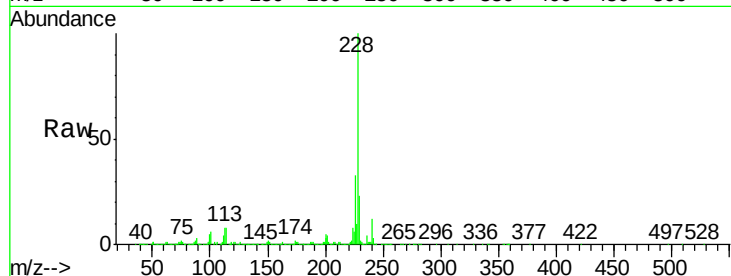
#80
Benzo(a)anthracene
Concen: 36.85 ng
RT: 21.88 min Scan# 3241
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampled :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.3	37.9
229	22.6	19.9	29.9

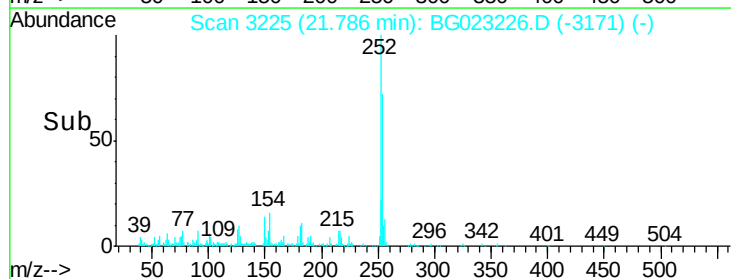
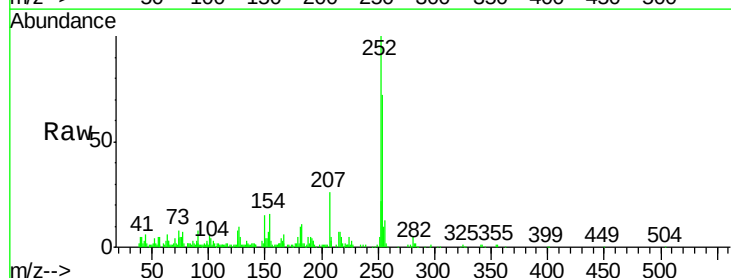
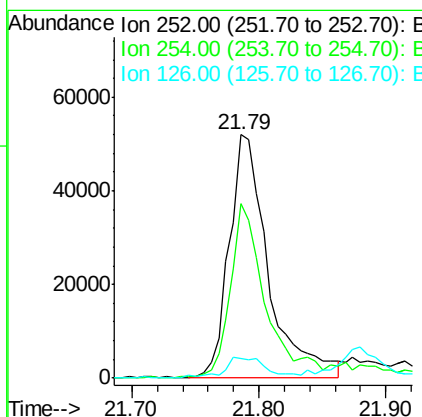
Manual Integrations
APPROVED

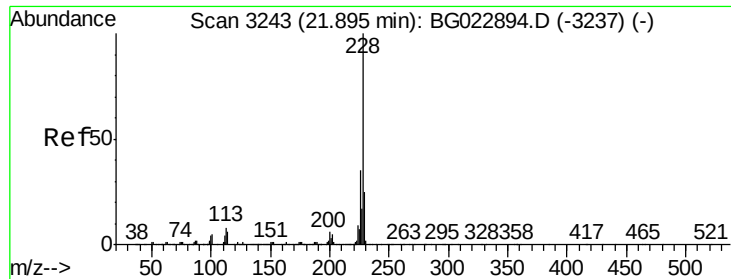
sohil
7/25/2016 6:48:05 PM



#81
3,3'-Dichlorobenzidine
Concen: 4.36 ng
RT: 21.79 min Scan# 3225
Delta R.T. 0.02 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	71.9	51.2	76.8
126	8.2	5.3	7.9





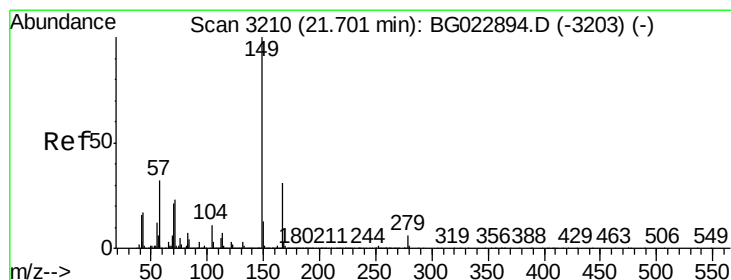
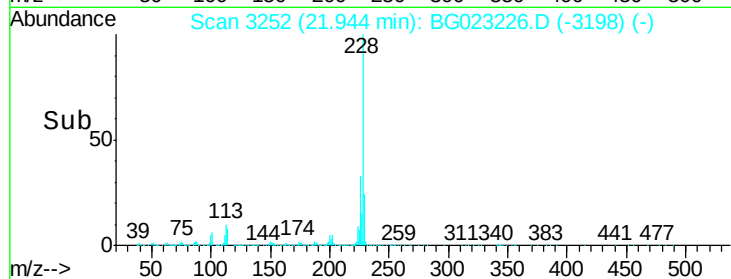
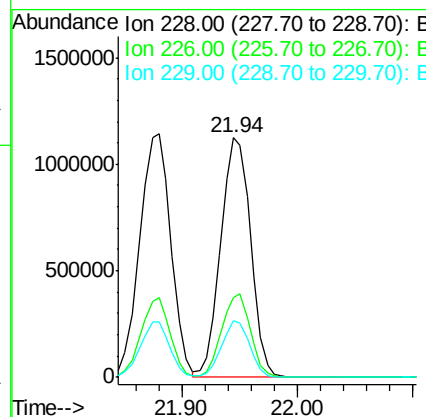
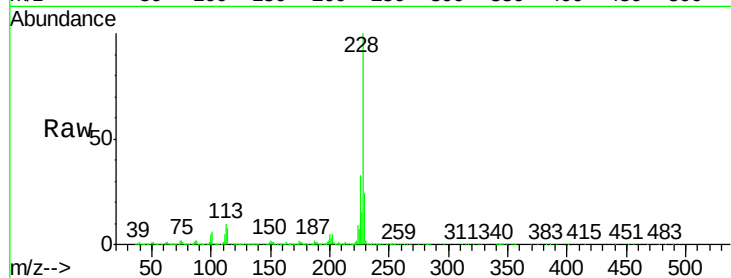
#82
Chrysene
 Concen: 36.85 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.02 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Instrument :
 BNA_G
 ClientSampled :
 D-2MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.7	40.1
229	23.7	17.4	26.2

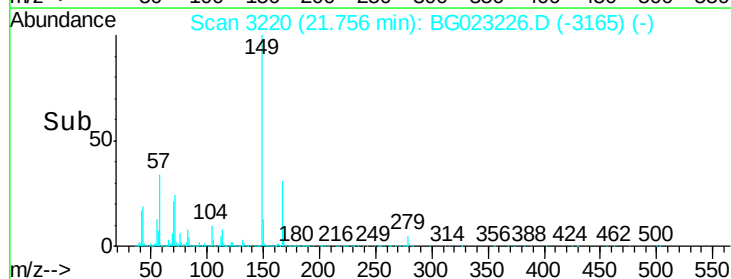
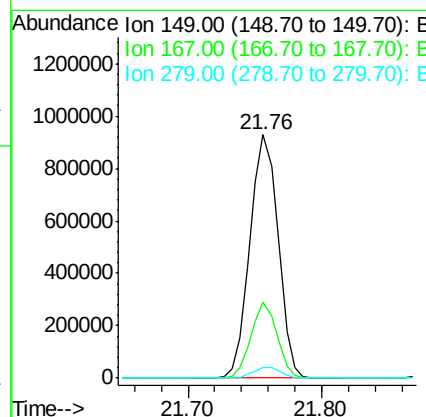
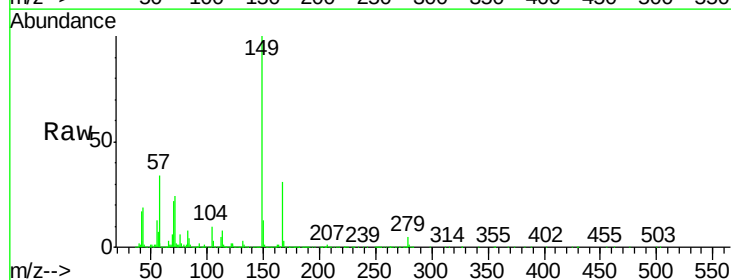
Manual Integrations
 APPROVED

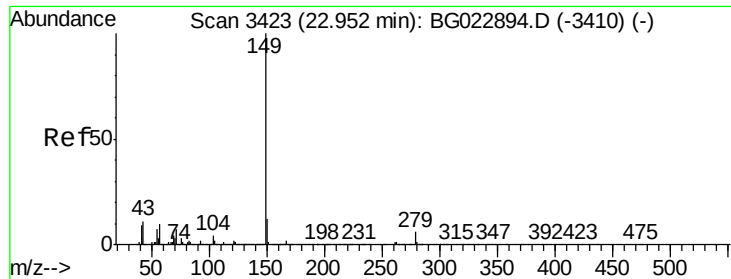
sohil
 7/25/2016 6:48:05 PM



#83
Bis(2-ethylhexyl)phthalate
 Concen: 41.91 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.02 min
 Lab File: BG023226.D
 Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.0	36.0
279	4.6	4.8	7.2





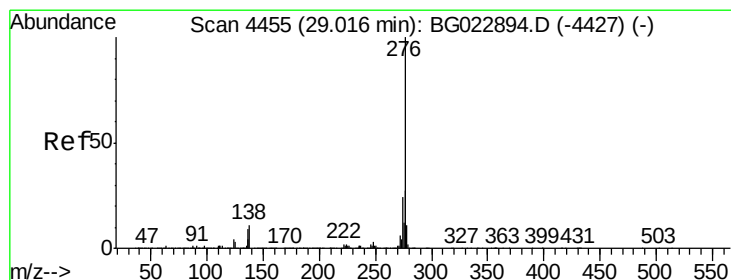
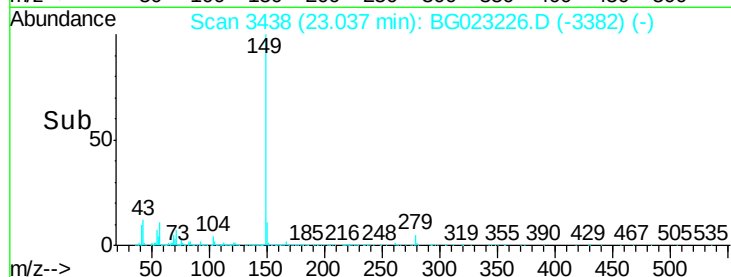
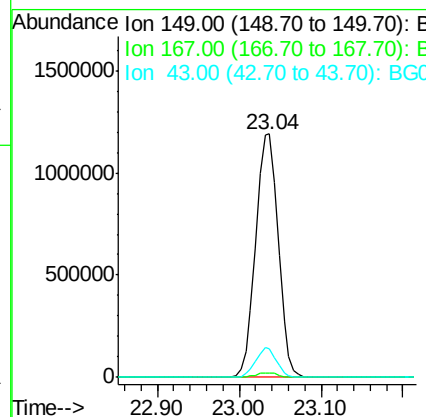
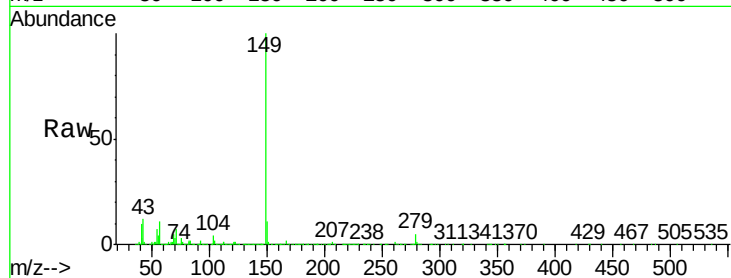
#84
Di-n-octyl phthalate
Concen: 42.60 ng
RT: 23.04 min Scan# 3438
Delta R.T. 0.03 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

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

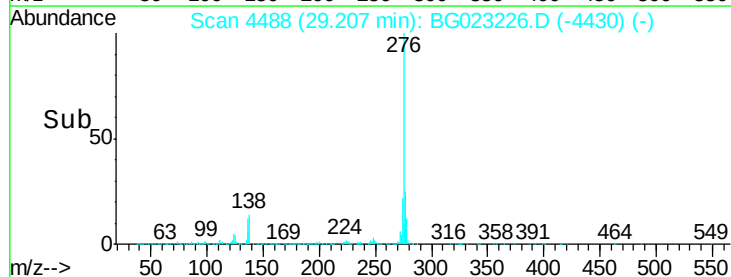
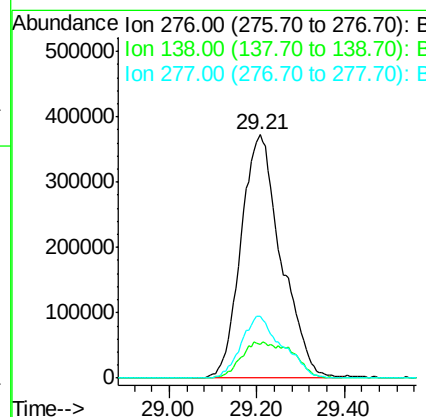
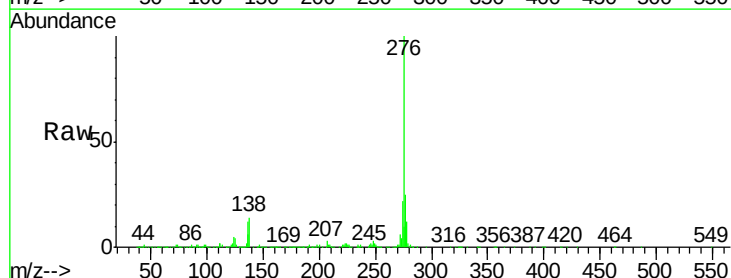
Manual Integrations
APPROVED

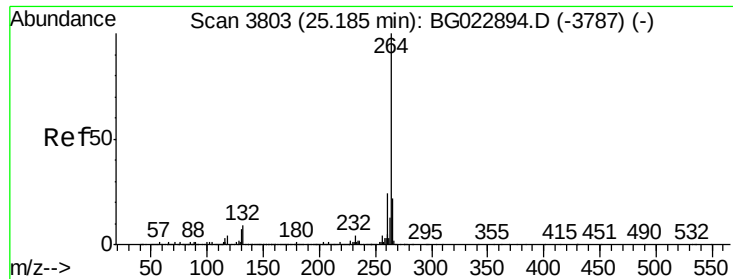
sohil
7/25/2016 6:48:05 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.27 ng
RT: 29.21 min Scan# 4488
Delta R.T. 0.04 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.9	0.0	0.0#
277	26.1	0.0	0.0#





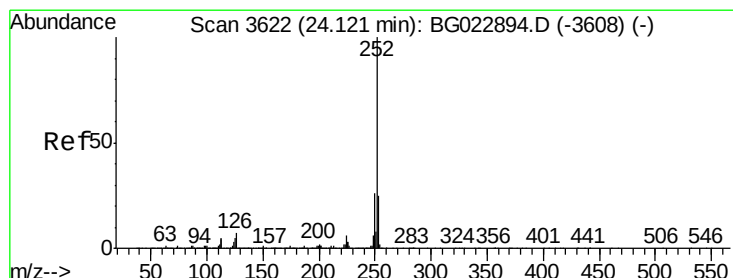
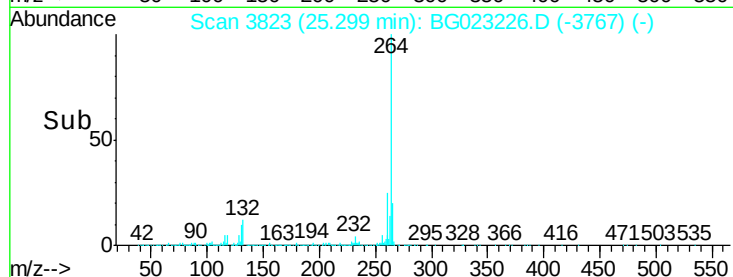
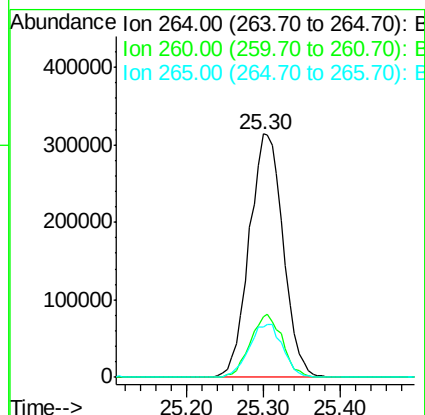
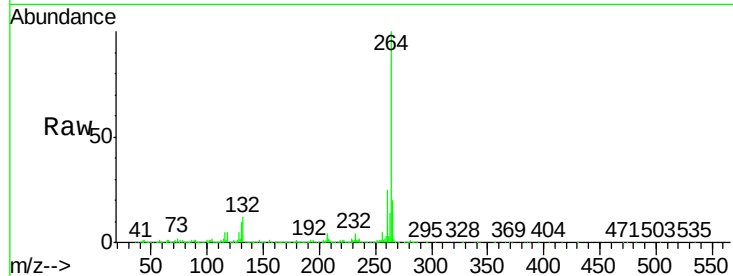
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. 0.03 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampleId :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	20.5	18.9	28.3

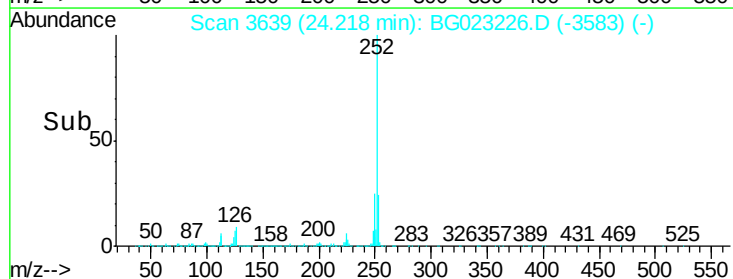
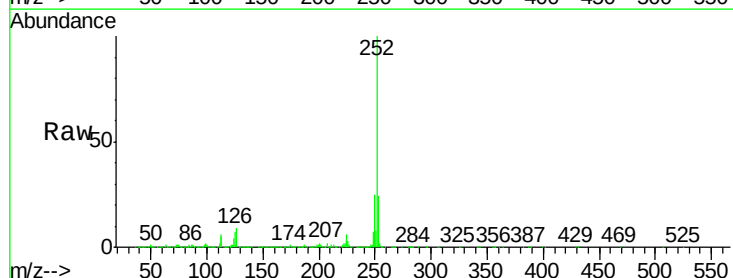
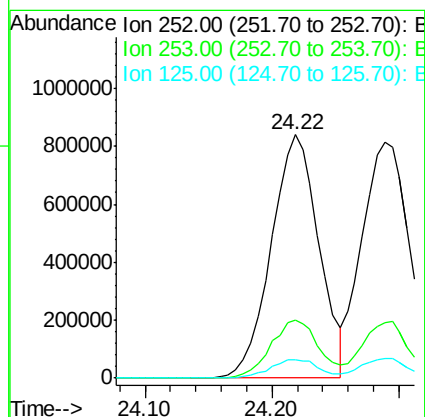
Manual Integrations
APPROVED

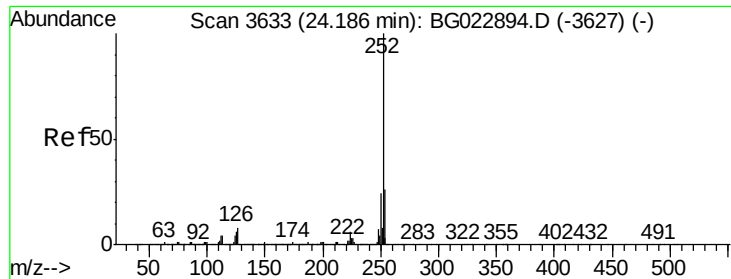
sohil
7/25/2016 6:48:05 PM



#87
Benzo(b)fluoranthene
Concen: 39.40 ng
RT: 24.22 min Scan# 3639
Delta R.T. 0.03 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	7.4	3.9	5.9#





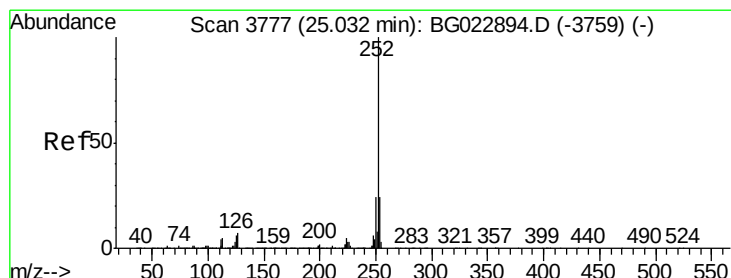
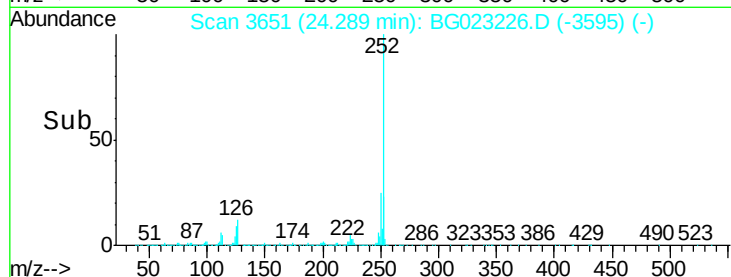
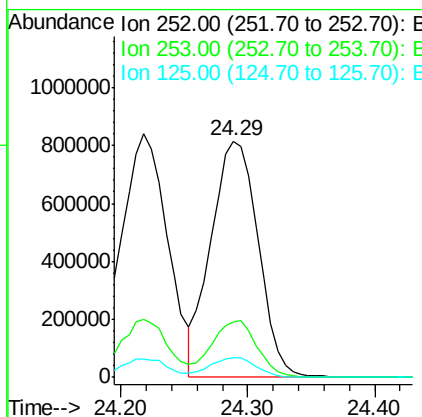
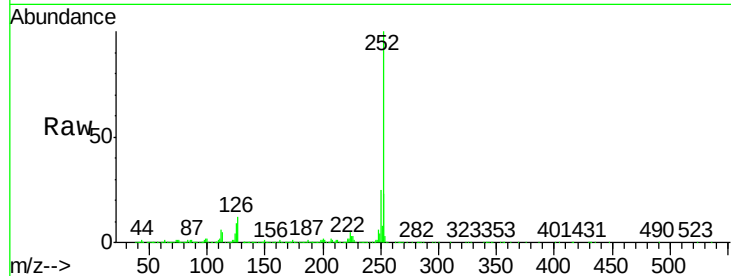
#88
Benzo(k)fluoranthene
Concen: 39.67 ng
RT: 24.29 min Scan# 3651
Delta R.T. 0.03 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampled :
D-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	8.6	3.2	4.8

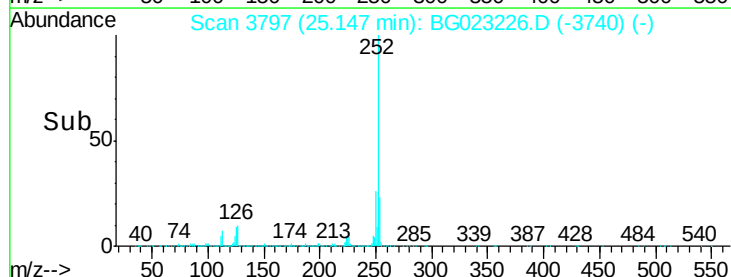
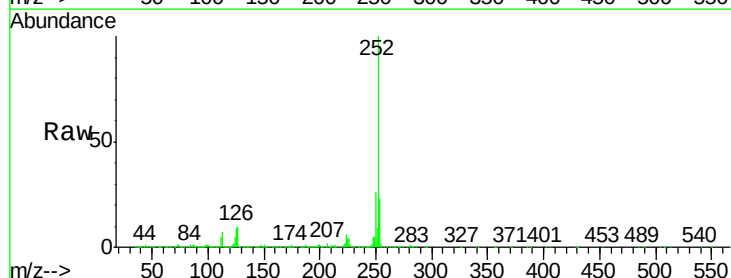
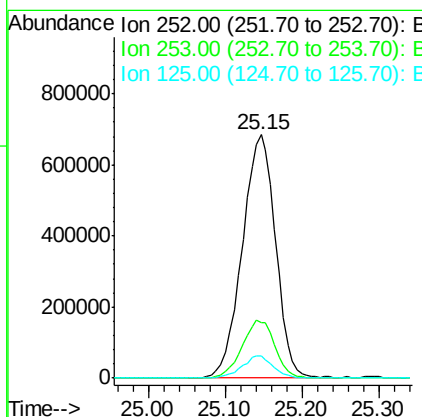
Manual Integrations
APPROVED

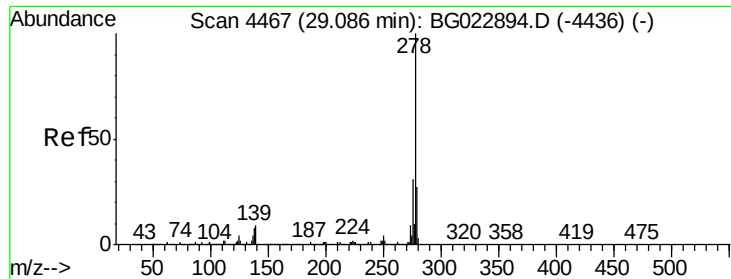
sohil
7/25/2016 6:48:05 PM



#89
Benzo(a)pyrene
Concen: 38.71 ng
RT: 25.15 min Scan# 3797
Delta R.T. 0.03 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	9.0	3.9	5.9





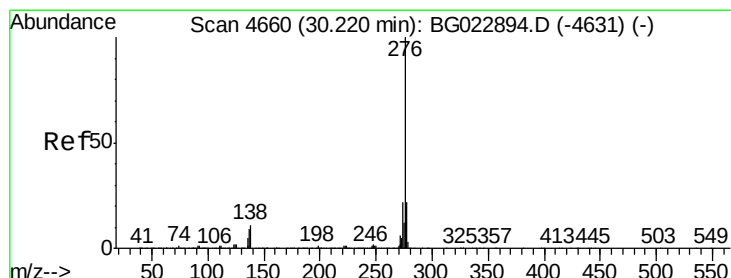
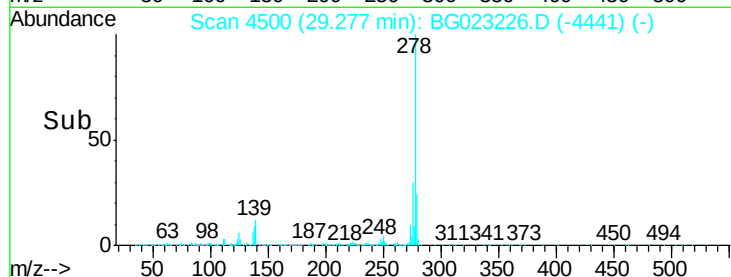
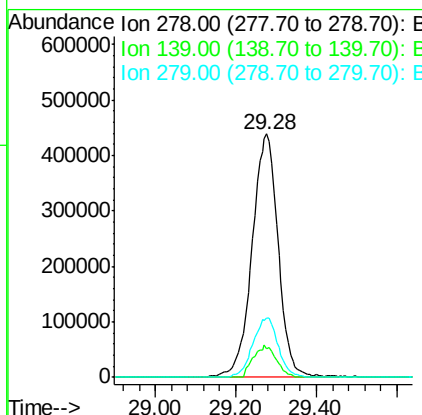
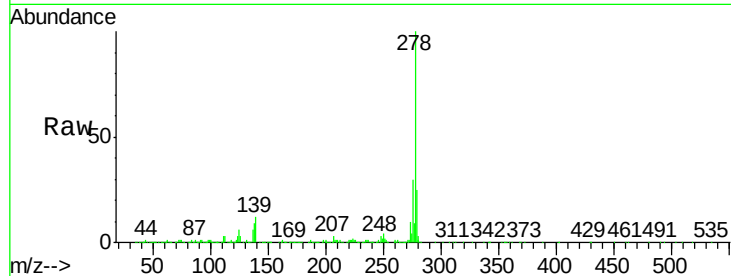
#90
Dibenzo(a,h)anthracene
Concen: 37.29 ng
RT: 29.28 min Scan# 4500
Delta R.T. 0.05 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Instrument :
BNA_G
ClientSampled :
D-2MSD

Tgt Ion:278 Resp: 1975784
Ion Ratio Lower Upper
278 100
139 12.0 4.7 7.1#
279 24.5 18.3 27.5

Manual Integrations
APPROVED

sohil
7/25/2016 6:48:05 PM



#91
Benzo(g,h,i)perylene
Concen: 35.52 ng
RT: 30.43 min Scan# 4696
Delta R.T. 0.04 min
Lab File: BG023226.D
Acq: 22 Jul 2016 22:04

Tgt Ion:276 Resp: 1884679
Ion Ratio Lower Upper
276 100
277 24.7 18.6 27.8
138 16.7 6.8 10.2#

