

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016529.D
 Acq On : 18 Apr 2015 20:14
 Operator : TP/IZ
 Sample : G1902-05MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Manual Integrations
 APPROVED

apatel
 4/20/2015 3:59:46 PM

Quant Time: Apr 20 04:19:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	74819	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	330137	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	186295	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	377674	20.00	ng	0.00
75) Chrysene-d12	21.22	240	330892	20.00	ng	0.00
86) Perylene-d12	23.45	264	317161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	612521	129.20	ng	0.00
7) Phenol-d6	6.85	99	856595	120.36	ng	0.00
23) Nitrobenzene-d5	8.82	82	436223	76.54	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	156667	124.35	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	840078	76.78	ng	0.00
78) Terphenyl-d14	19.67	244	903884	63.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	66650	30.93	ng	97
3) Pyridine	3.53	79	191878	29.79	ng	96
4) n-Nitrosodimethylamine	3.45	42	66858	34.92	ng	96
6) Aniline	6.99	93	243691	23.98	ng	97
8) 2-Chlorophenol	7.23	128	238016	41.81	ng	96
9) Benzaldehyde	6.80	77	39584	9.50	ng	95
10) Phenol	6.88	94	302345	39.71	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	216201	35.61	ng	98
12) 1,3-Dichlorobenzene	7.55	146	217525	37.84	ng	97
13) 1,4-Dichlorobenzene	7.69	146	225043	37.73	ng	96
14) 1,2-Dichlorobenzene	8.01	146	215214	37.73	ng	98
15) Benzyl Alcohol	7.90	79	170497	34.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	224129	32.78	ng	97
17) 2-Methylphenol	8.12	107	197309	38.64	ng	98
18) Hexachloroethane	8.73	117	81441	35.70	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	158866	31.16	ng	97
20) 3+4-Methylphenols	8.44	107	267303	37.79	ng	98
22) Acetophenone	8.48	105	301397	39.37	ng	99
24) Nitrobenzene	8.86	77	224264	36.80	ng	91
25) Isophorone	9.38	82	434529	34.33	ng	98
26) 2-Nitrophenol	9.57	139	128346	45.16	ng	94
27) 2,4-Dimethylphenol	9.64	122	228527	43.17	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	268200	37.13	ng	99
29) 2,4-Dichlorophenol	10.10	162	194707	46.49	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	183452	41.95	ng	99
31) Naphthalene	10.50	128	670066	38.95	ng	100
32) Benzoic acid	9.80	122	15580m	12.42	ng	
33) 4-Chloroaniline	10.61	127	201641	24.98	ng	97
34) Hexachlorobutadiene	10.78	225	78119	40.67	ng	99
35) Caprolactam	11.38	113	100746m	38.21	ng	
36) 4-Chloro-3-methylphenol	11.75	107	226026	40.85	ng	94
37) 2-Methylnaphthalene	12.11	142	475903	38.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	164537	40.11	ng	99
40) Hexachlorocyclopentadiene	12.46	237	116748	62.19	ng	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016529.D
 Acq On : 18 Apr 2015 20:14
 Operator : TP/IZ
 Sample : G1902-05MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 LS-SB19BMS

Manual Integrations
 APPROVED

apatel
 4/20/2015 3:59:46 PM

Quant Time: Apr 20 04:19:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	128216	42.07	ng	98
43) 2,4,5-Trichlorophenol	12.82	196	140943	43.28	ng	95
45) 1,1'-Biphenyl	13.13	154	567952	39.74	ng	99
46) 2-Chloronaphthalene	13.17	162	436093	40.06	ng	98
47) 2-Nitroaniline	13.39	65	135564	38.63	ng	92
48) Acenaphthylene	14.03	152	739568	38.20	ng	98
49) Dimethylphthalate	13.77	163	587303	43.01	ng	99
50) 2,6-Dinitrotoluene	13.89	165	136453	41.32	ng	91
51) Acenaphthene	14.37	154	444515	38.43	ng	100
52) 3-Nitroaniline	14.22	138	126517	30.00	ng	87
53) 2,4-Dinitrophenol	14.43	184	61567	37.15	ng	94
54) Dibenzofuran	14.70	168	641494	39.96	ng	99
55) 4-Nitrophenol	14.55	139	253621	72.77	ng	97
56) 2,4-Dinitrotoluene	14.68	165	190295	42.31	ng	90
57) Fluorene	15.35	166	549324	38.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.94	232	105528	41.99	ng	95
59) Diethylphthalate	15.13	149	554727	38.17	ng	100
60) 4-Chlorophenyl-phenylether	15.35	204	226018	39.02	ng	96
61) 4-Nitroaniline	15.38	138	177023	36.98	ng	97
62) Azobenzene	15.64	77	557696	36.05	ng	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	85933	33.60	ng	95
65) n-Nitrosodiphenylamine	15.57	169	501040	39.24	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	116995	38.80	ng	94
67) Hexachlorobenzene	16.35	284	118543	37.82	ng	96
68) Atrazine	16.52	200	157301	44.21	ng	99
69) Pentachlorophenol	16.71	266	124716	65.17	ng	98
70) Phenanthrene	17.09	178	808985	38.08	ng	99
71) Anthracene	17.18	178	822003	39.05	ng	99
72) Carbazole	17.45	167	868182	41.09	ng	99
73) Di-n-butylphthalate	18.01	149	984068	38.06	ng	100
74) Fluoranthene	19.10	202	840788	38.40	ng	97
76) Benzidine	19.30	184	436806	31.13	ng	98
77) Pyrene	19.47	202	863709	37.49	ng	100
79) Butylbenzylphthalate	20.37	149	468055	41.35	ng	97
80) Benzo(a)anthracene	21.21	228	749208	38.31	ng	100
81) 3,3'-Dichlorobenzidine	21.15	252	194947	30.31	ng	100
82) Chrysene	21.26	228	715210	37.88	ng	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	663325	43.28	ng	99
84) Di-n-octyl phthalate	22.01	149	1091161	43.70	ng	98
85) Indeno(1,2,3-cd)pyrene	25.73	276	801745	40.88	ng	98
87) Benzo(b)fluoranthene	22.78	252	716193	38.56	ng	100
88) Benzo(k)fluoranthene	22.83	252	698752	38.44	ng	98
89) Benzo(a)pyrene	23.36	252	699559	40.18	ng	100
90) Dibenzo(a,h)anthracene	25.74	278	665600	39.29	ng	98
91) Benzo(g,h,i)perylene	26.42	276	666671	39.40	ng	98

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

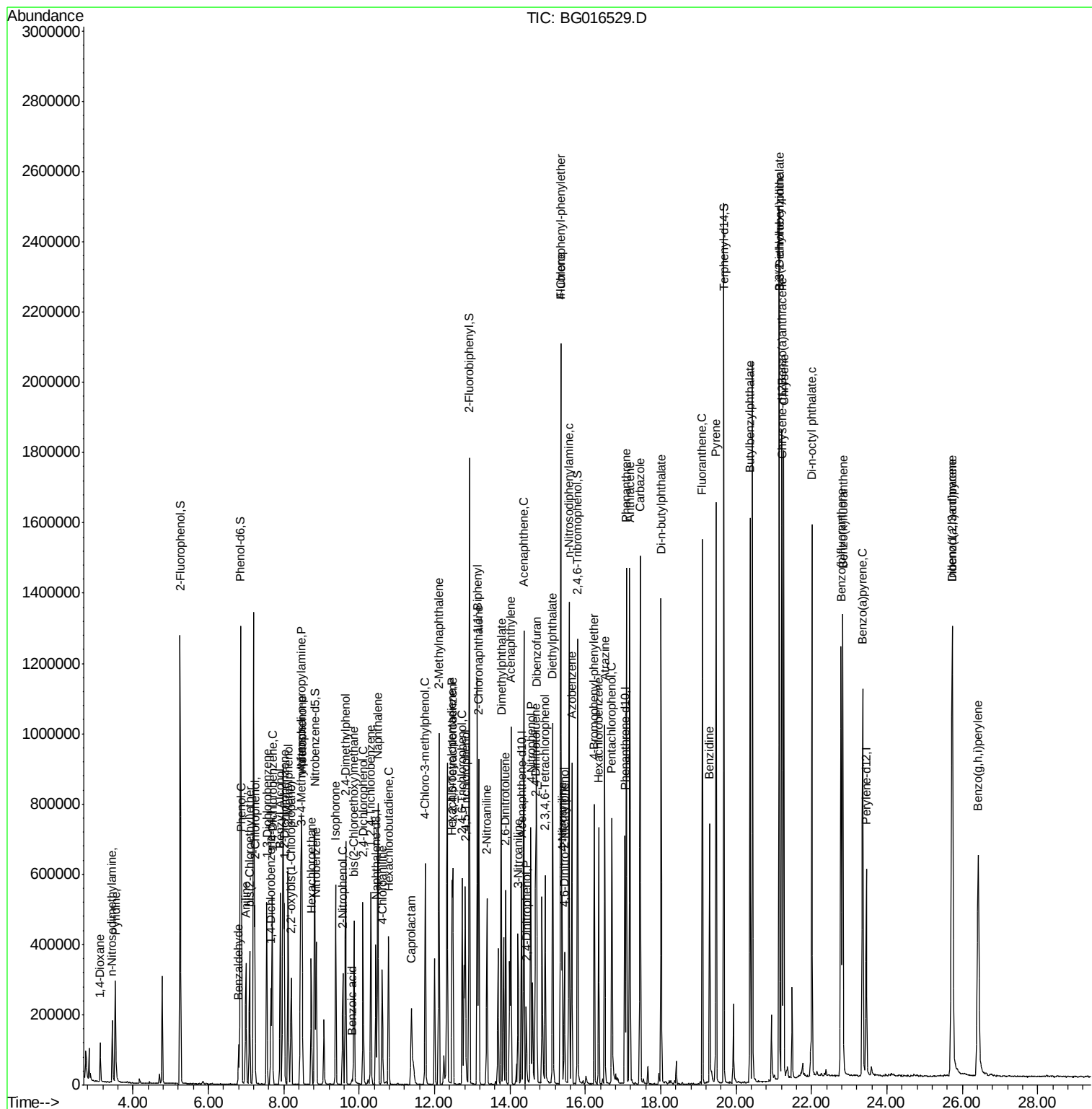
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016529.D
 Acq On : 18 Apr 2015 20:14
 Operator : TP/IZ
 Sample : G1902-05MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

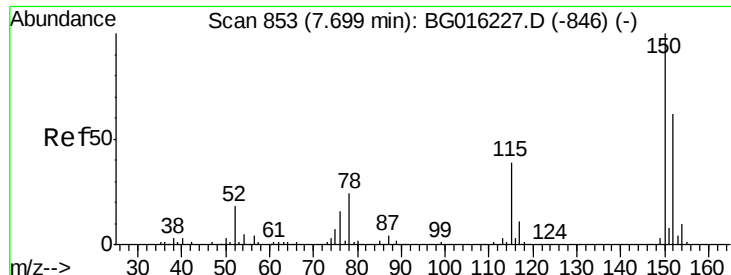
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Manual Integrations
 APPROVED

apatel
 4/20/2015 3:59:46 PM

Quant Time: Apr 20 04:19:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

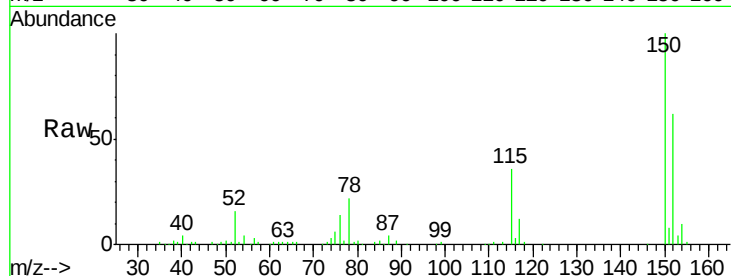




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

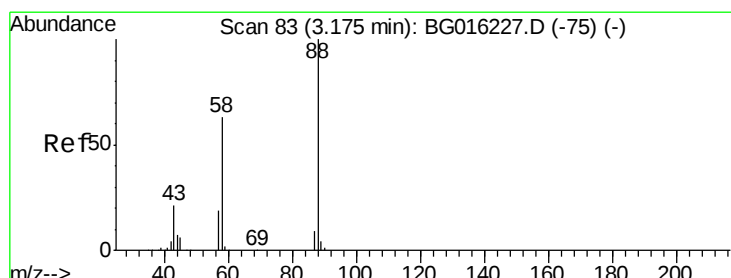
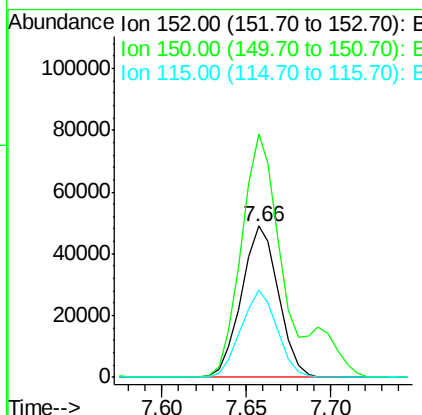
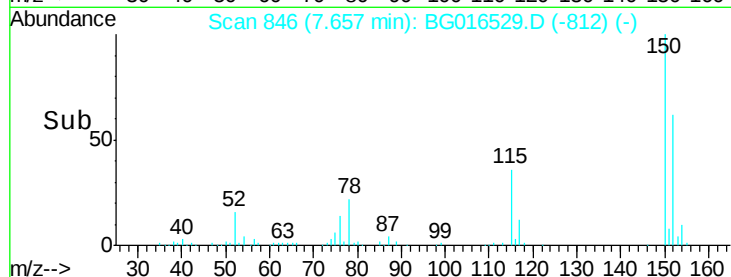
Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	130.1	195.1
115	57.9	50.5	75.7

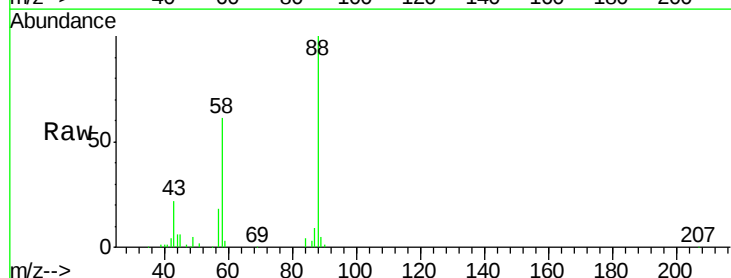
Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM

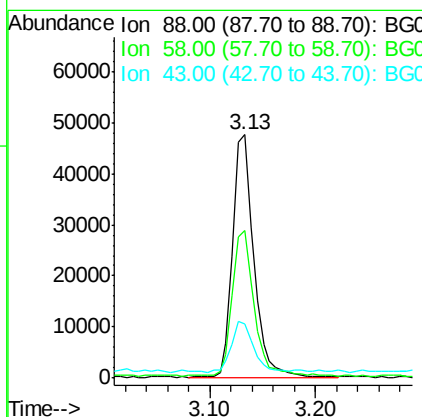
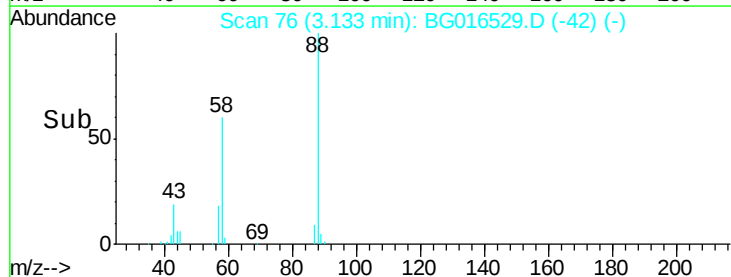


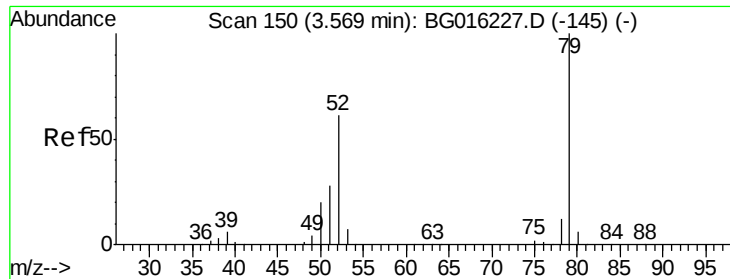
#2

1,4-Dioxane
Concen: 30.93 ng
RT: 3.13 min Scan# 76
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14



Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.3	50.6	76.0
43	21.2	17.0	25.4





#3

Pyridine

Concen: 29.79 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

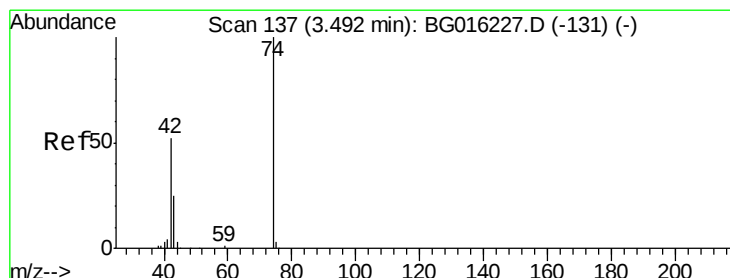
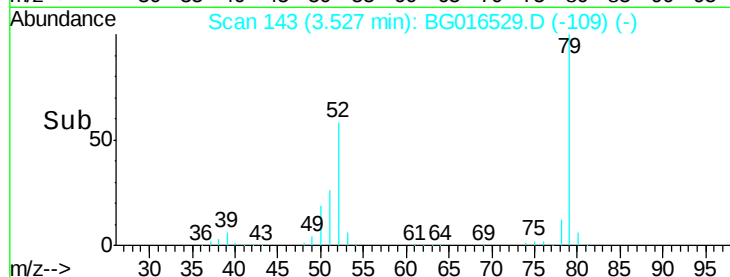
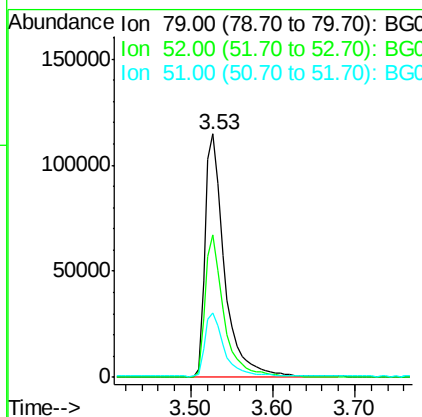
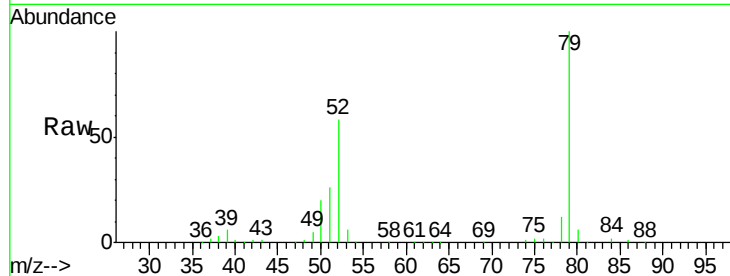
ClientSampleId :

LS-SB19BMS

Tgt Ion:	79	Resp:	191878
Ion	Ratio	Lower	Upper
79	100		
52	58.4	49.0	73.4
51	26.4	22.5	33.7

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#4

n-Nitrosodimethylamine

Concen: 34.92 ng

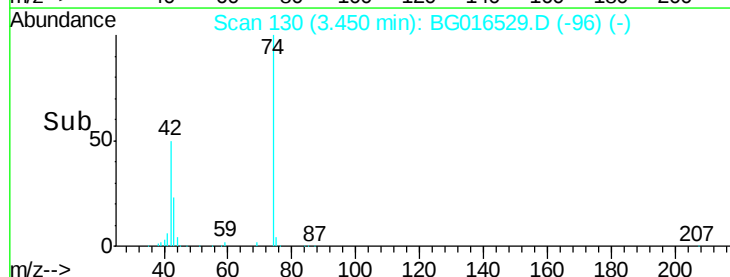
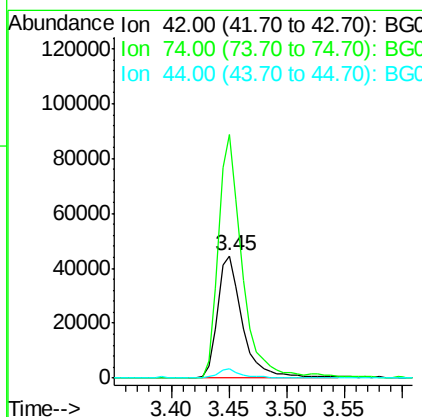
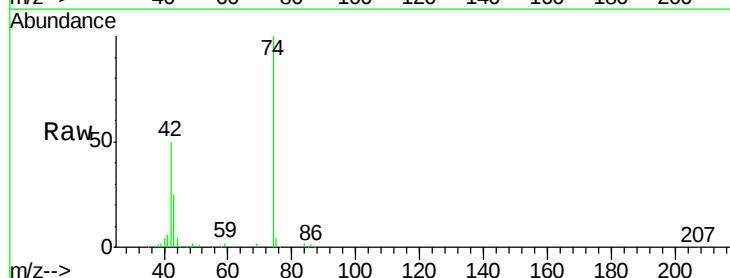
RT: 3.45 min Scan# 130

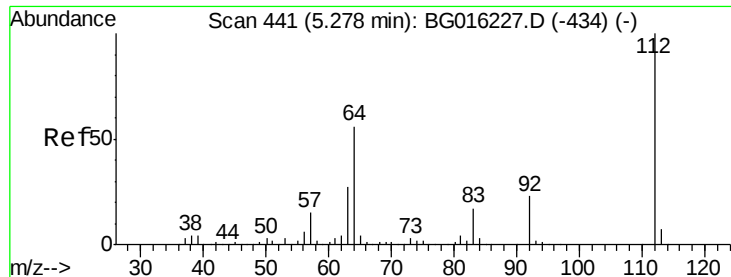
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	42	Resp:	66858
Ion	Ratio	Lower	Upper
42	100		
74	198.7	153.7	230.5
44	7.6	5.3	7.9





#5

2-Fluorophenol

Concen: 129.20 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

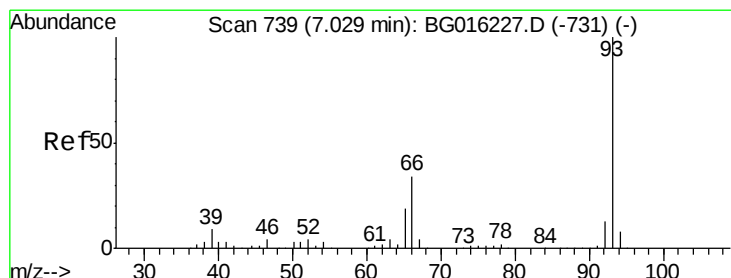
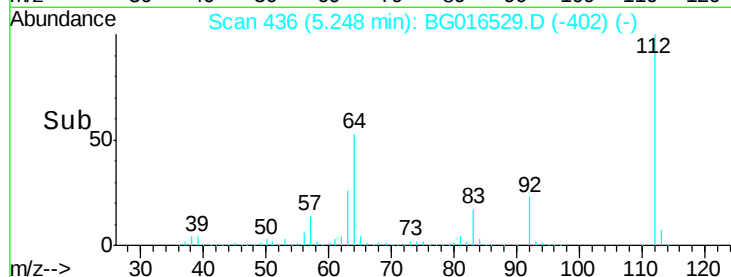
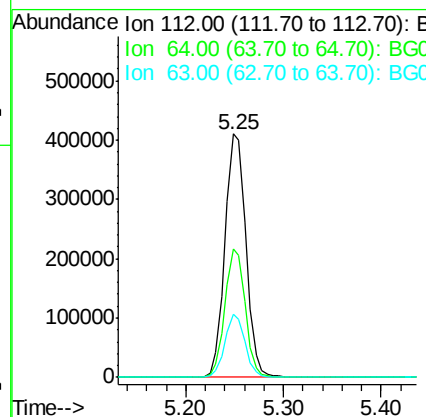
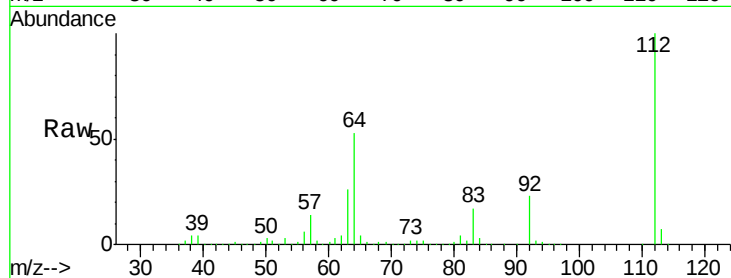
ClientSampleId :

LS-SB19BMS

Tgt Ion:	112	Resp:	612521
Ion Ratio	Lower	Upper	
112	100		
64	53.0	44.5	66.7
63	26.0	21.4	32.0

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#6

Aniline

Concen: 23.98 ng

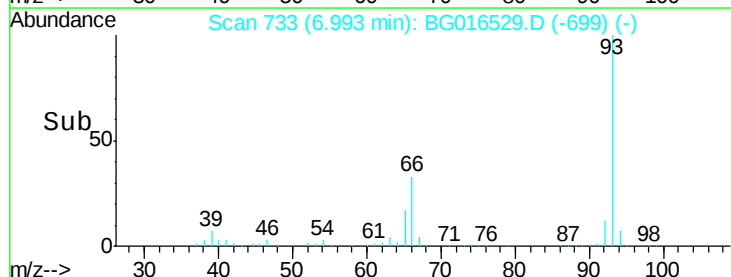
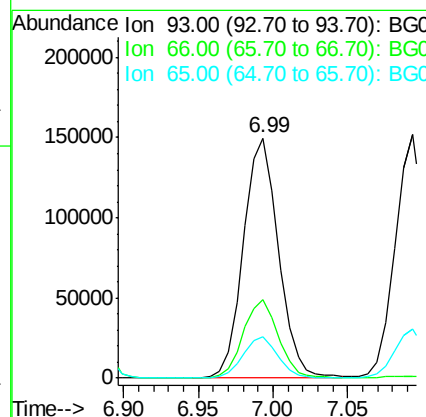
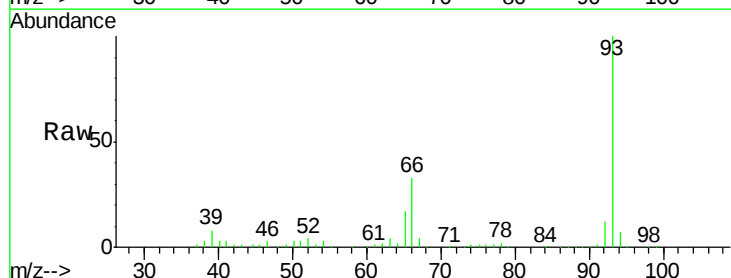
RT: 6.99 min Scan# 733

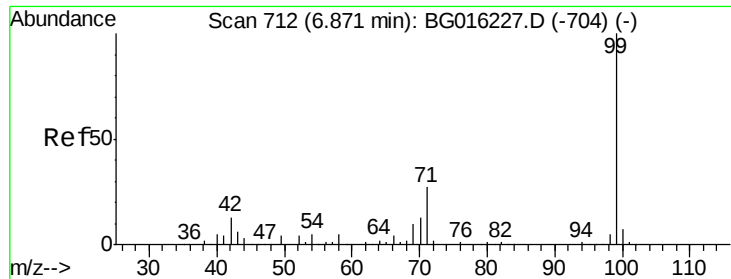
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	93	Resp:	243691
Ion Ratio	Lower	Upper	
93	100		
66	32.7	27.5	41.3
65	17.2	15.1	22.7





#7

Phenol-d6

Concen: 120.36 ng

RT: 6.85 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

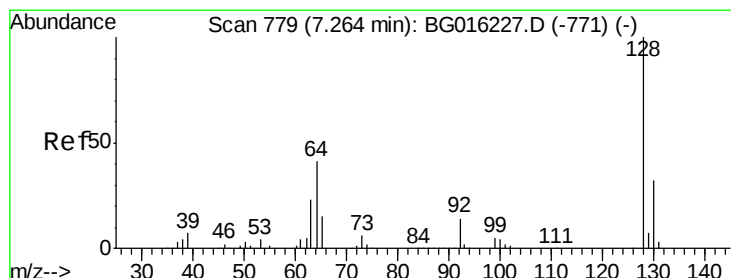
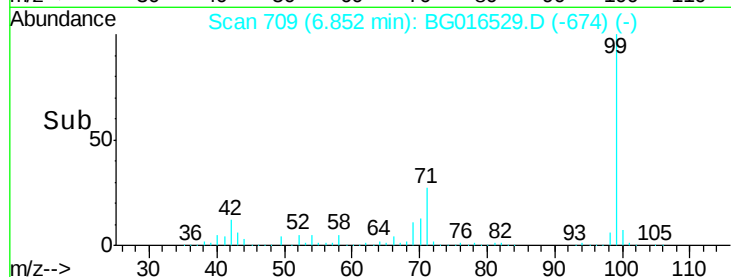
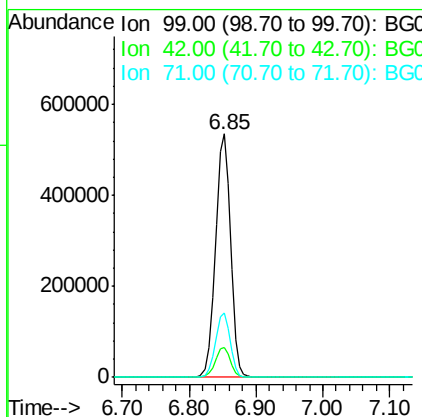
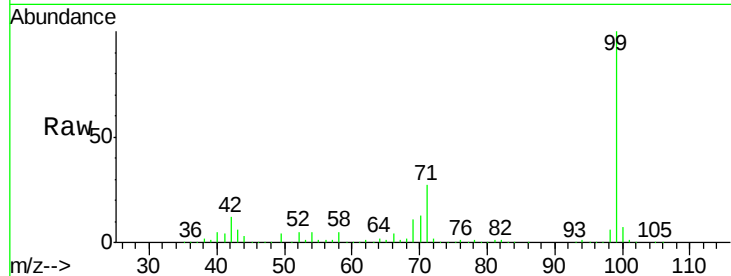
ClientSampleId :

LS-SB19BMS

Tgt Ion:	99	Resp:	856595
Ion Ratio	Lower	Upper	
99	100		
42	12.3	10.0	15.0
71	26.7	21.5	32.3

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#8

2-Chlorophenol

Concen: 41.81 ng

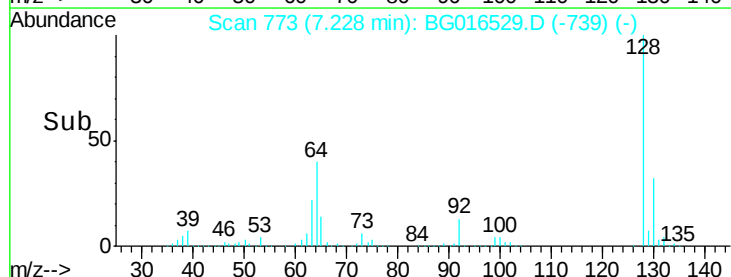
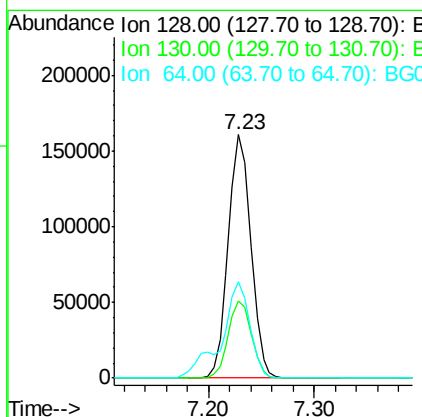
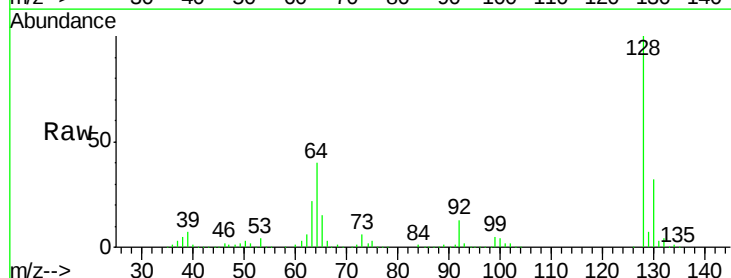
RT: 7.23 min Scan# 773

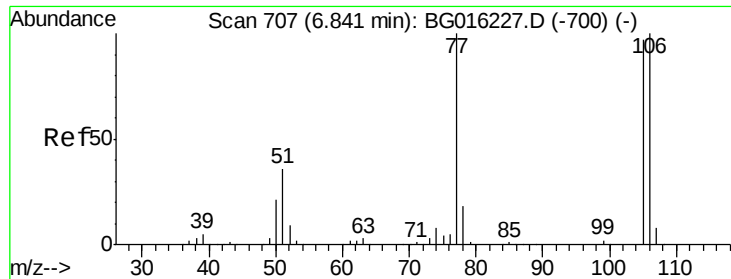
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	128	Resp:	238016
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.6	51.6
64	39.7	24.2	64.2





#9

Benzaldehyde

Concen: 9.50 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG016529.D

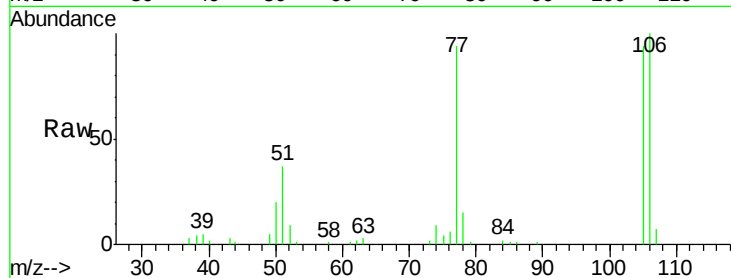
Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

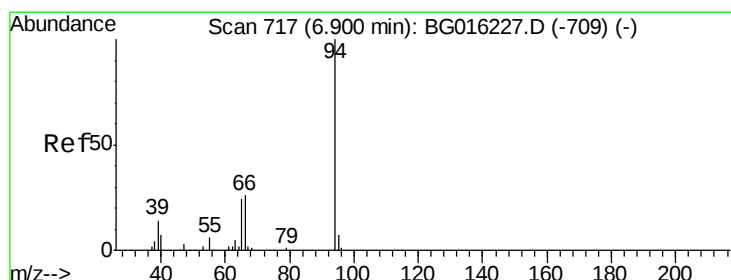
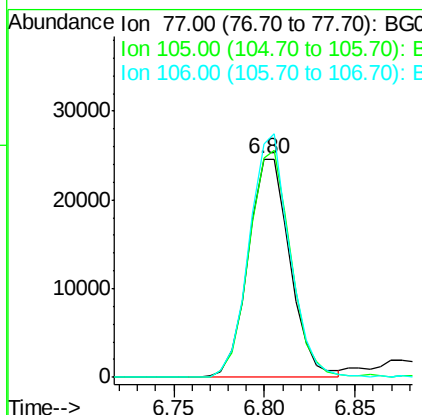
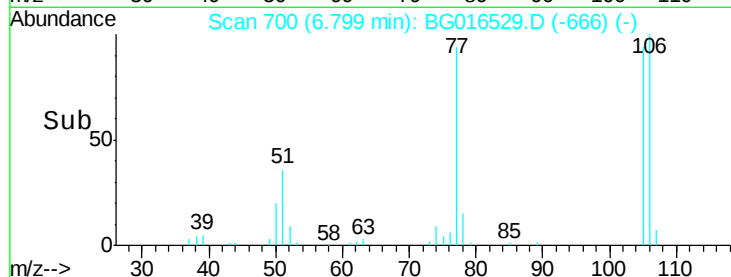
LS-SB19BMS



Tgt Ion	Ratio	Lower	Upper
77	100		
105	100.4	76.8	116.8
106	106.6	80.1	120.1

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#10

Phenol

Concen: 39.71 ng

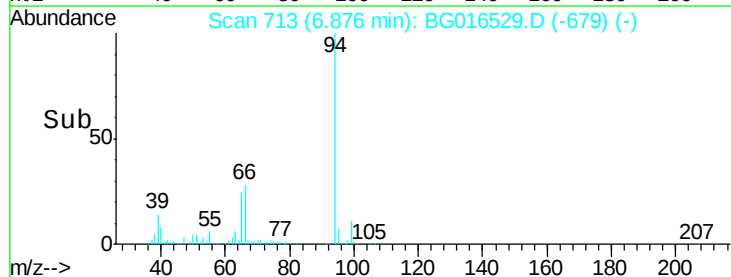
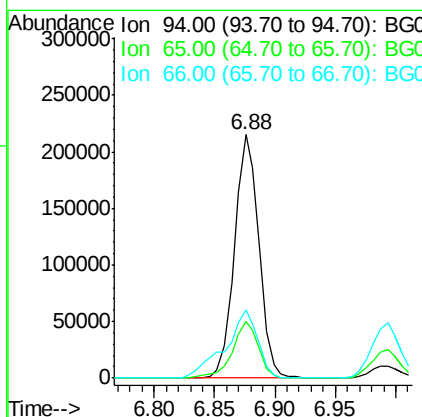
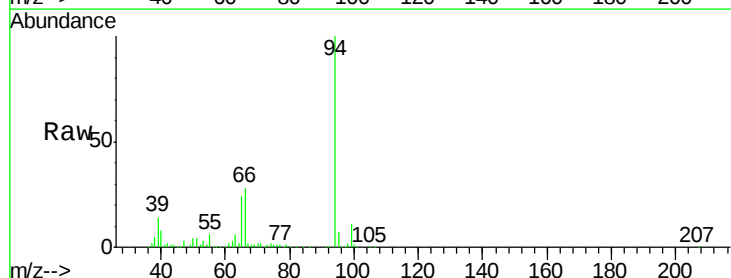
RT: 6.88 min Scan# 713

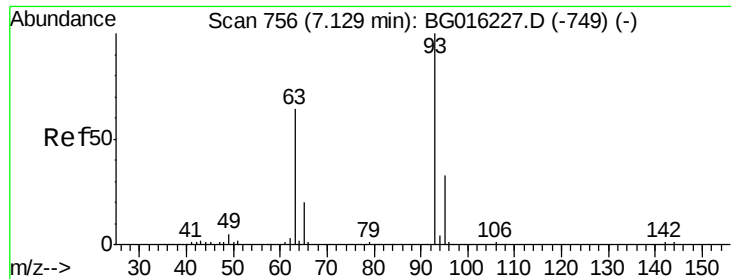
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	23.5	3.8	43.8
66	28.0	7.4	47.4





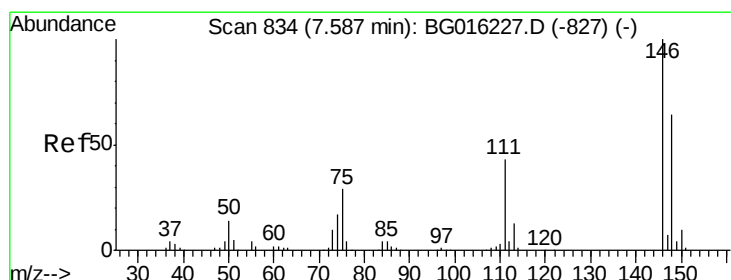
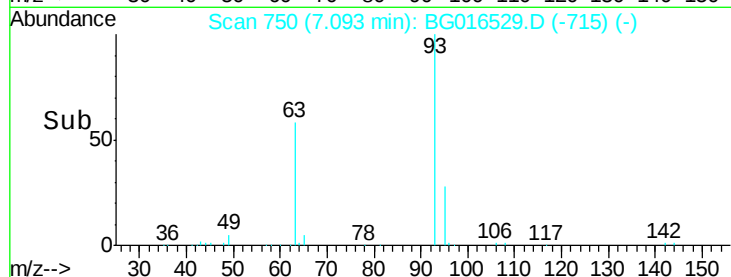
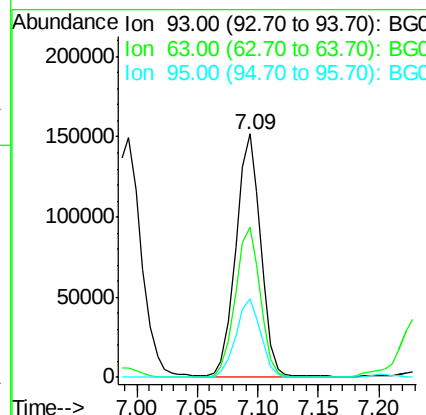
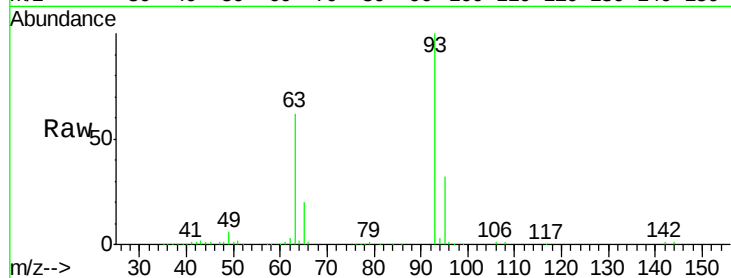
#11
bis(2-Chloroethyl)ether
Concen: 35.61 ng
RT: 7.09 min Scan# 750
Delta R.T. 0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion:	93	Resp:	216201
Ion	Ratio	Lower	Upper
93	100		
63	61.7	44.1	84.1
95	32.4	12.5	52.5

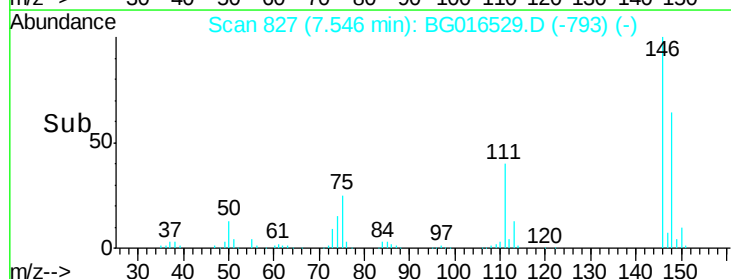
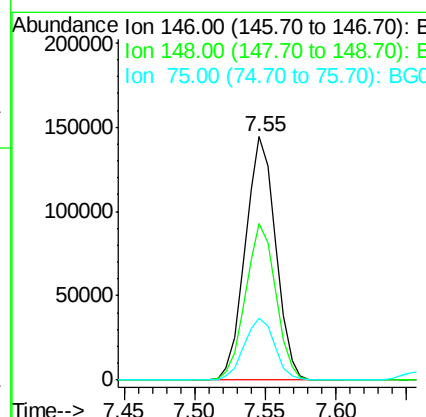
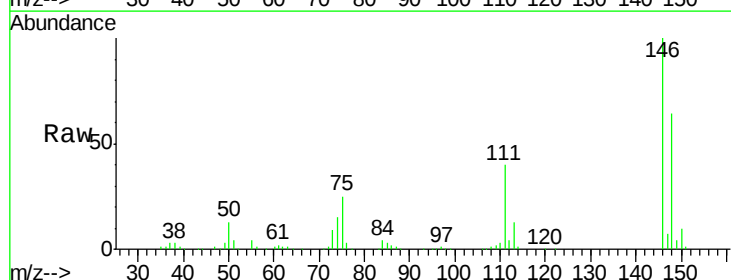
Manual Integrations
APPROVED

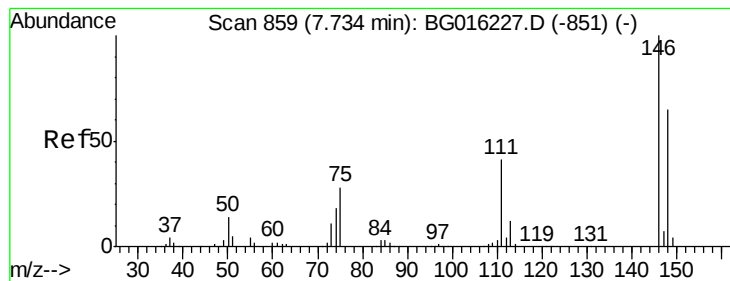
apatel
4/20/2015 3:59:46 PM



#12
1,3-Dichlorobenzene
Concen: 37.84 ng
RT: 7.55 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion:	146	Resp:	217525
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	25.3	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 37.73 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

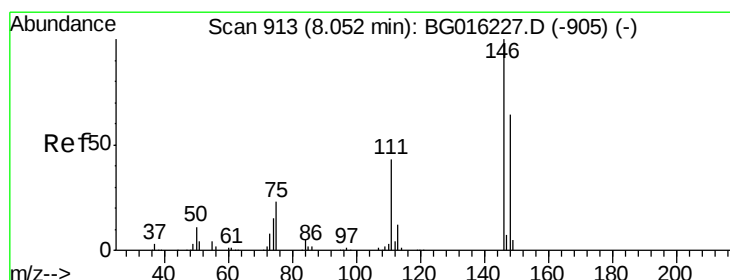
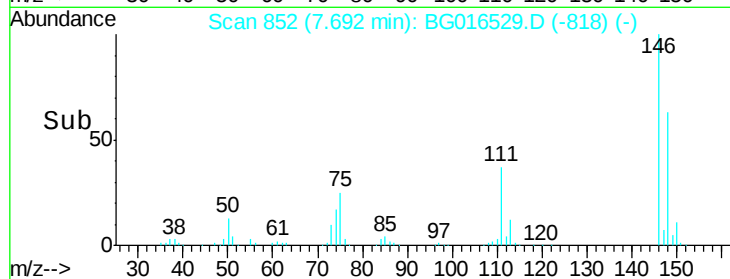
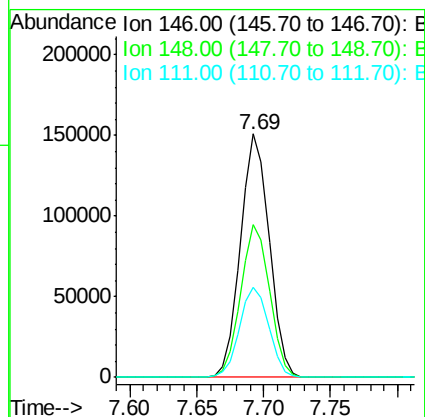
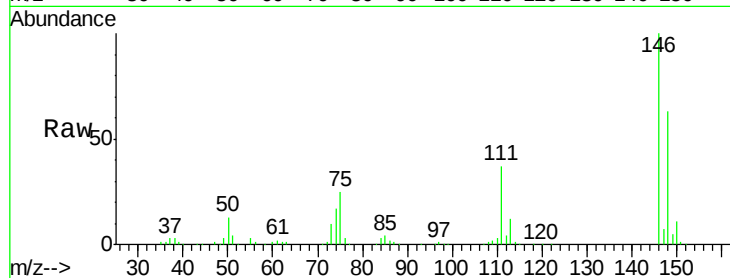
ClientSampleId :

LS-SB19BMS

Tgt Ion:	146	Resp:	225043
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.0	78.0
111	37.2	32.6	49.0

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#14

1,2-Dichlorobenzene

Concen: 37.73 ng

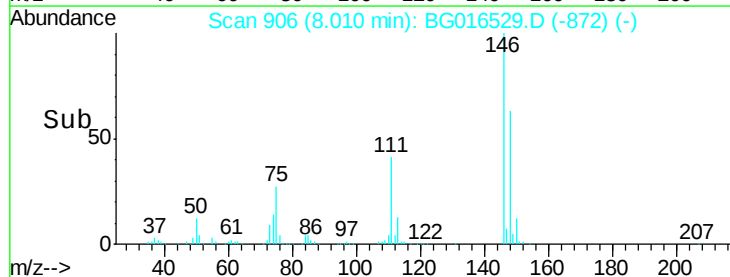
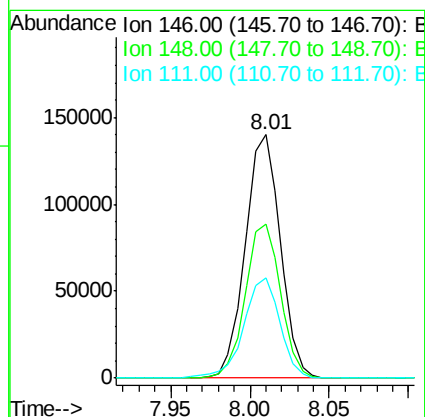
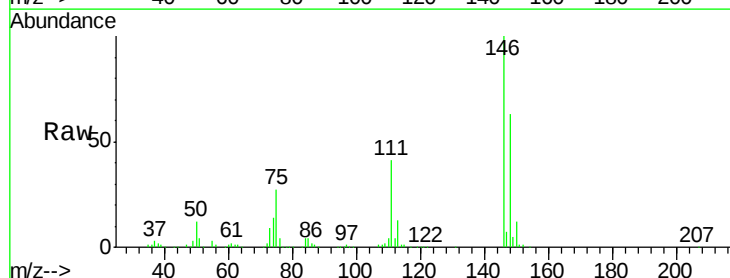
RT: 8.01 min Scan# 906

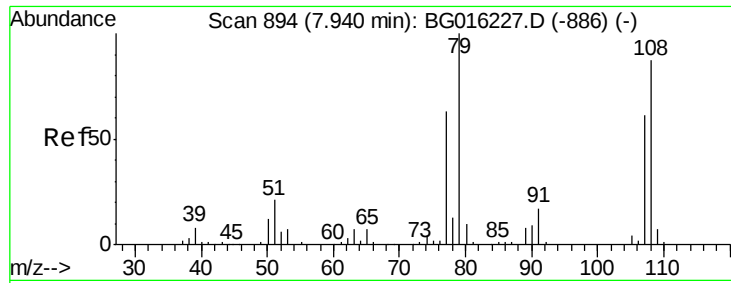
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	146	Resp:	215214
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.9	76.3
111	41.2	34.7	52.1





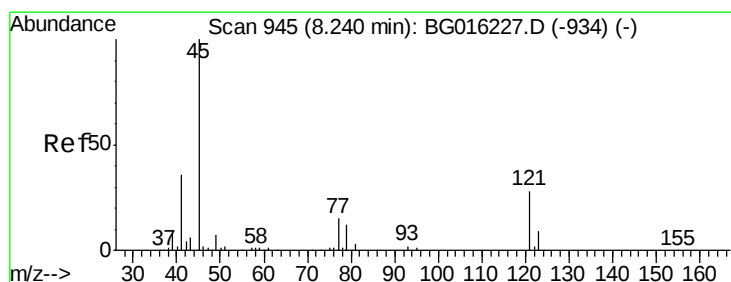
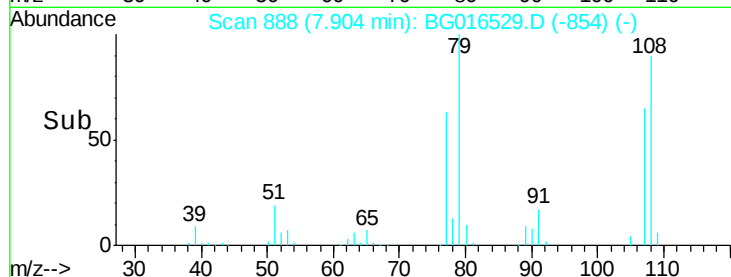
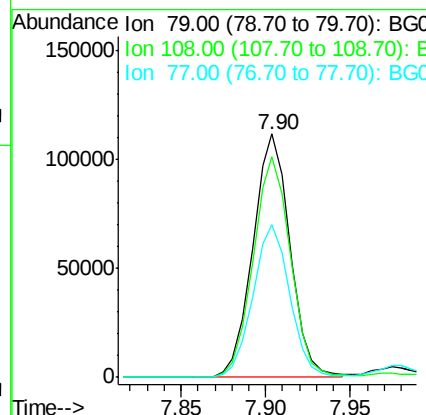
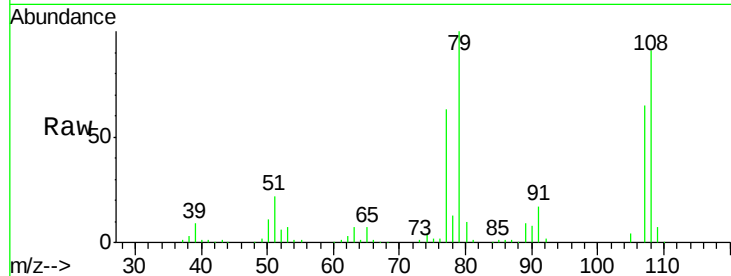
#15
Benzyl Alcohol
Concen: 34.37 ng
RT: 7.90 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	170497		
108	90.7	69.3	103.9	
77	62.9	50.3	75.5	

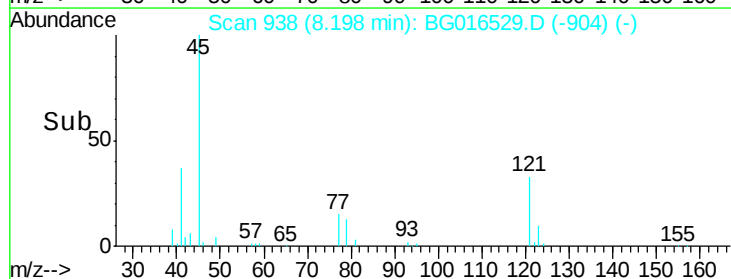
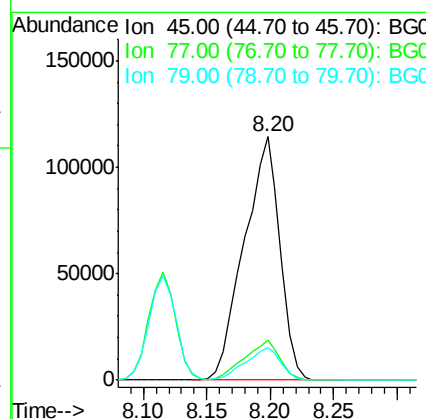
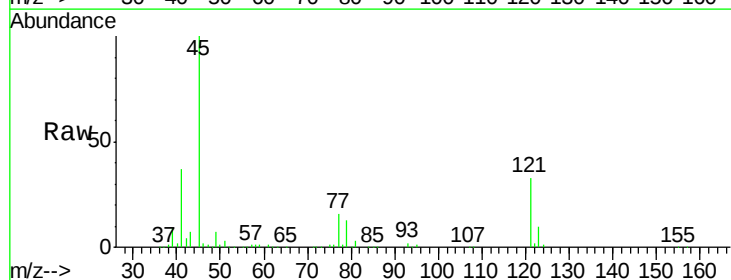
Manual Integrations
APPROVED

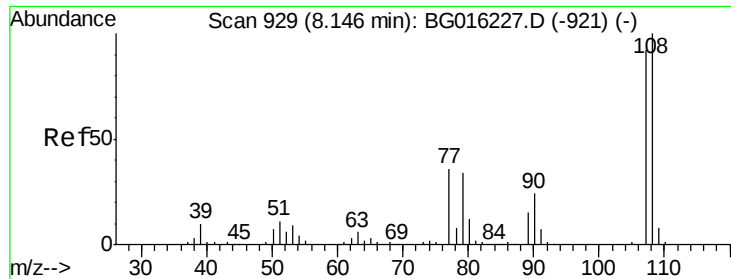
apatel
4/20/2015 3:59:46 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.78 ng
RT: 8.20 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	224129		
77	16.3	0.0	35.3	
79	13.4	0.0	32.3	





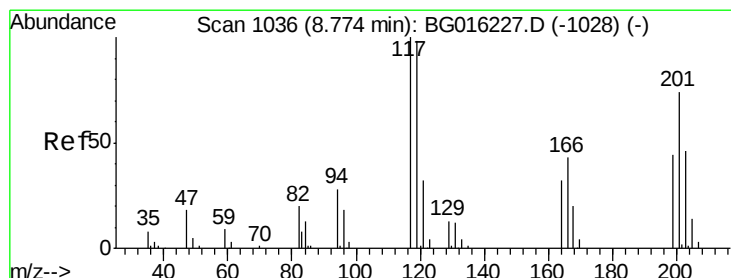
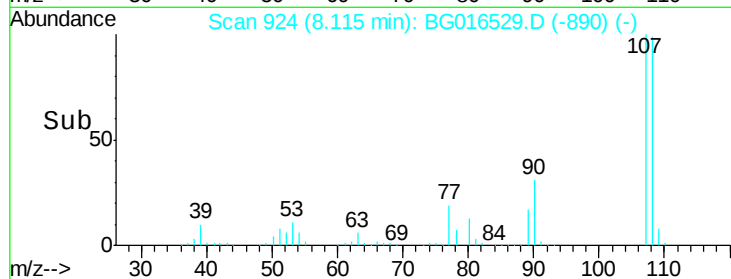
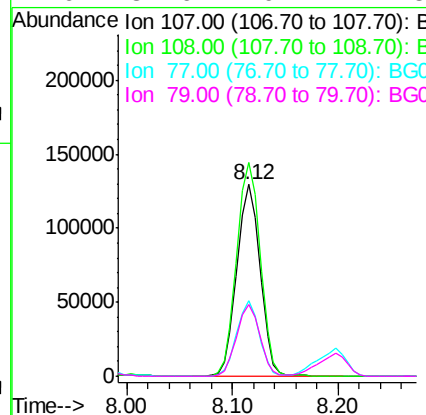
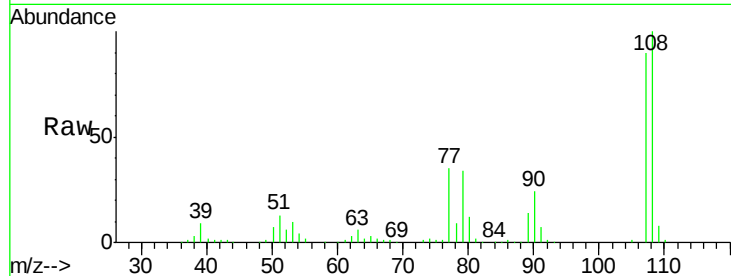
#17
2-Methylphenol
Concen: 38.64 ng
RT: 8.12 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	197309		
108	111.4	87.2	130.8	
77	39.2	31.1	46.7	
79	37.6	29.7	44.5	

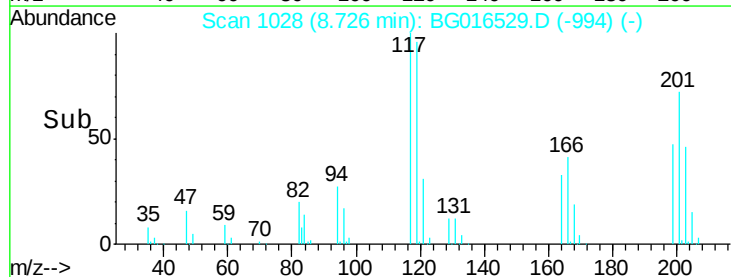
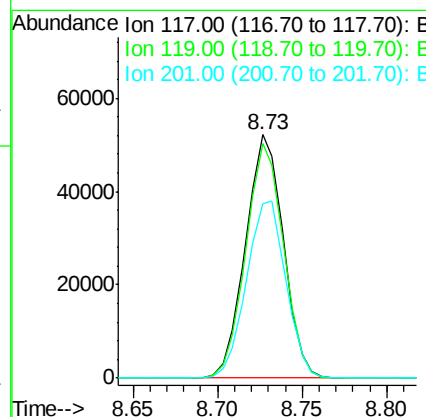
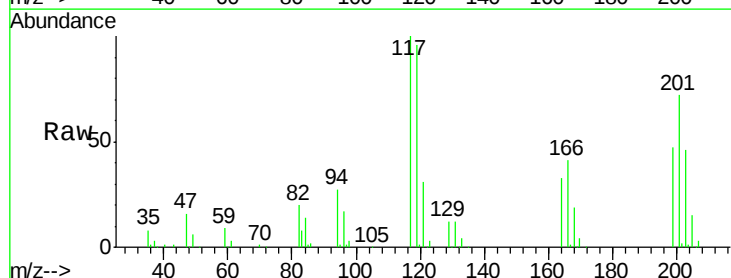
Manual Integrations
APPROVED

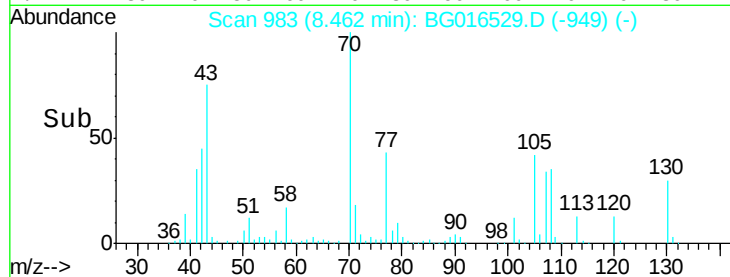
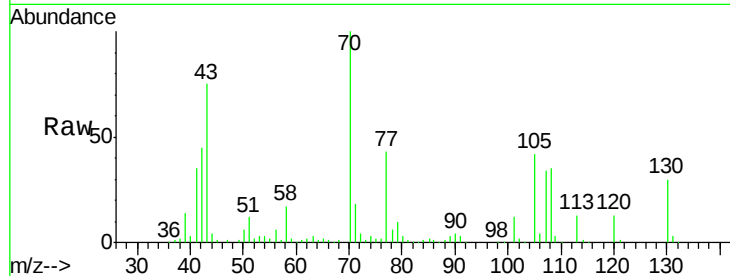
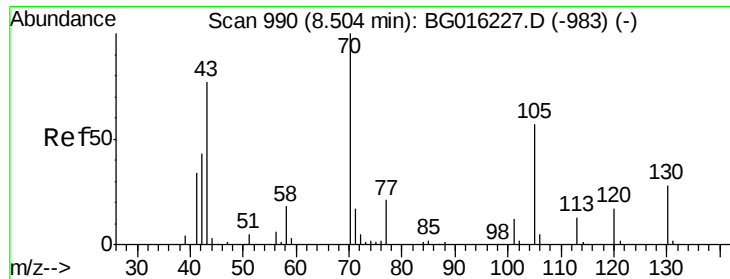
apatel
4/20/2015 3:59:46 PM



#18
Hexachloroethane
Concen: 35.70 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81441		
119	96.2	78.8	118.2	
201	71.6	59.0	88.4	





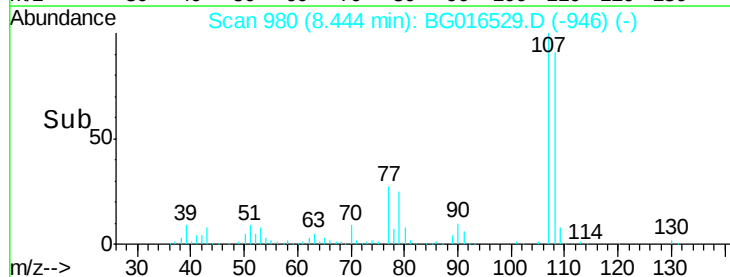
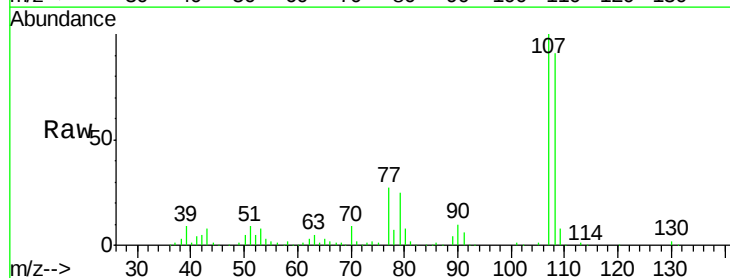
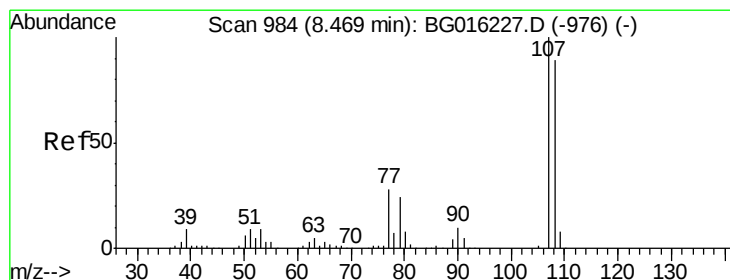
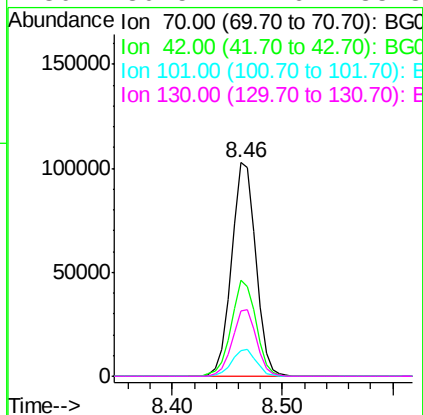
#19
n-Nitroso-di-n-propylamine
Concen: 31.16 ng
RT: 8.46 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Manual Integrations
APPROVED

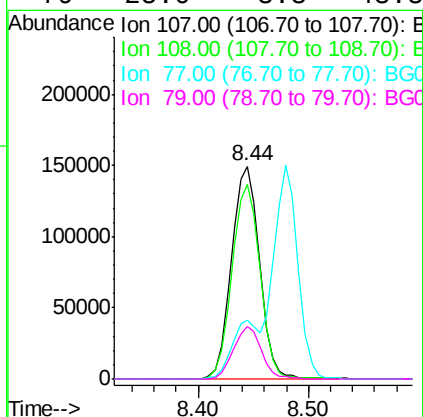
apatel
4/20/2015 3:59:46 PM

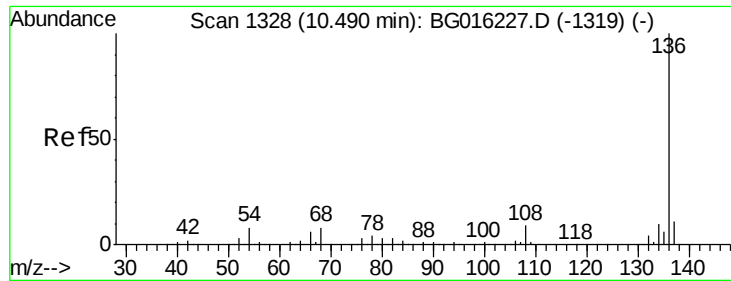
Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.7	34.7	52.1
101	12.3	9.2	13.8
130	30.5	22.6	33.8



#20
3+4-Methylphenols
Concen: 37.79 ng
RT: 8.44 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.5	109.5
77	27.5	8.2	48.2
79	25.0	3.8	43.8





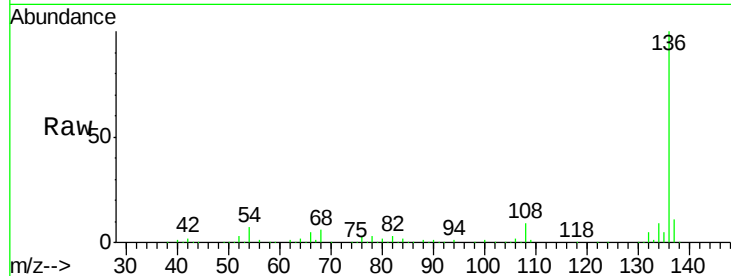
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.7	13.1	
54	6.7	6.3	9.5	
68	6.1	6.5	9.7#	

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



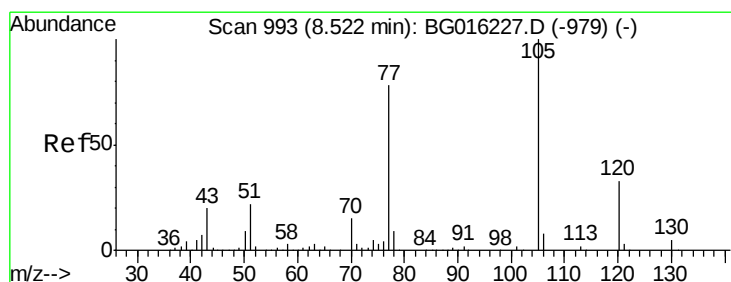
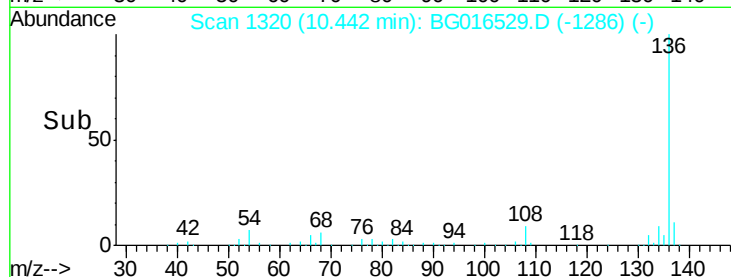
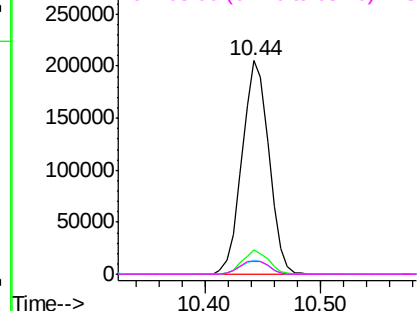
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.37 ng
RT: 8.48 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.0	2.0	3.0	
51	21.4	17.9	26.9	
120	32.5	26.3	39.5	

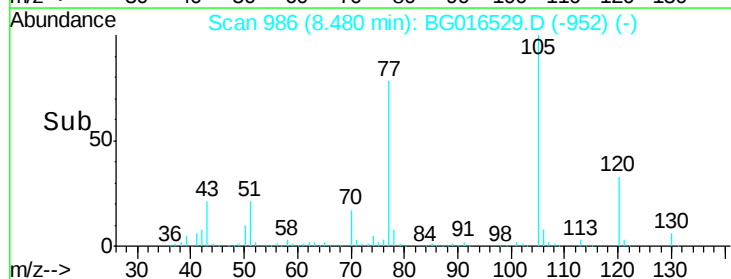
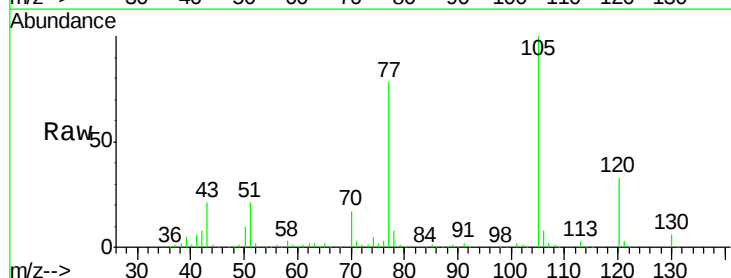
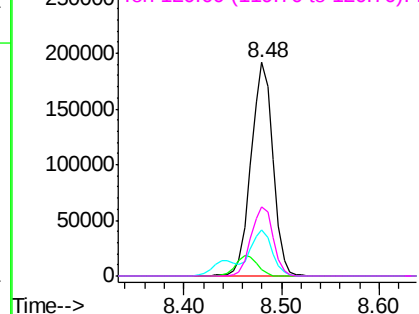
Abundance

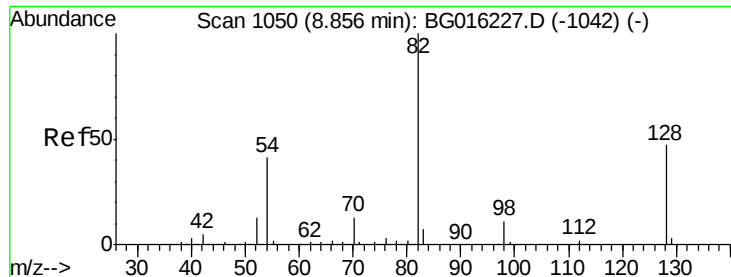
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





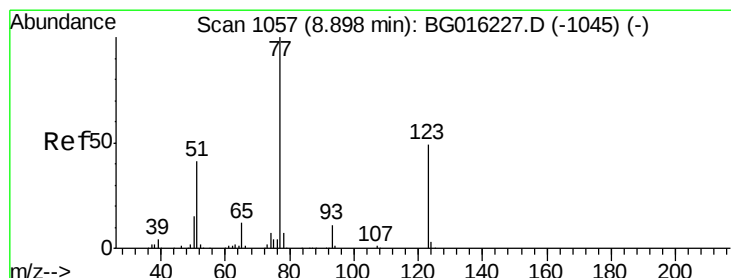
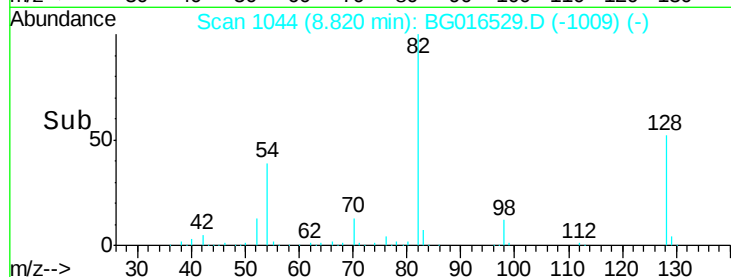
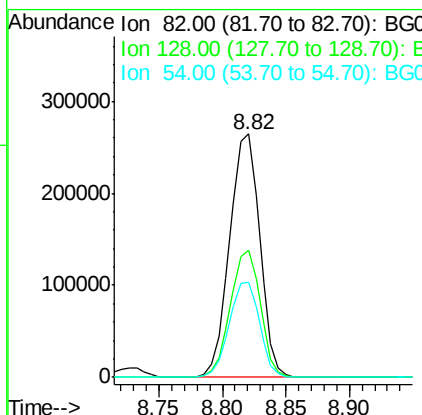
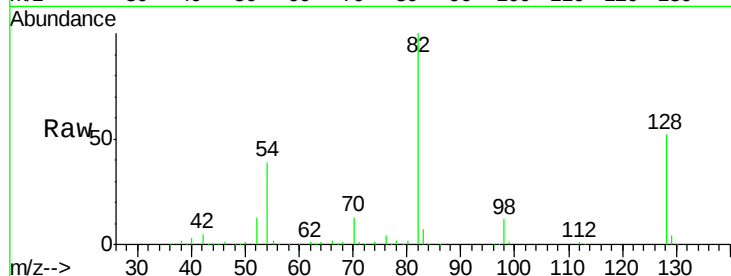
#23
 Nitrobenzene-d5
 Concen: 76.54 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	436223		
128	52.4	37.8	56.8	
54	39.1	32.6	49.0	

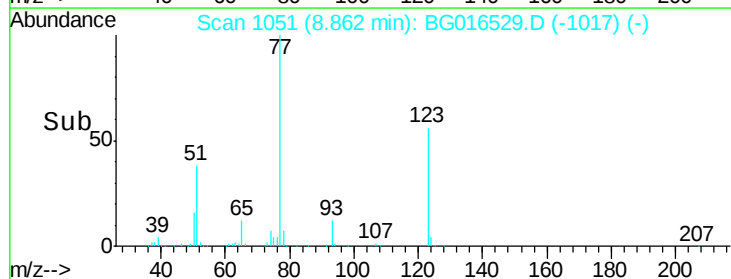
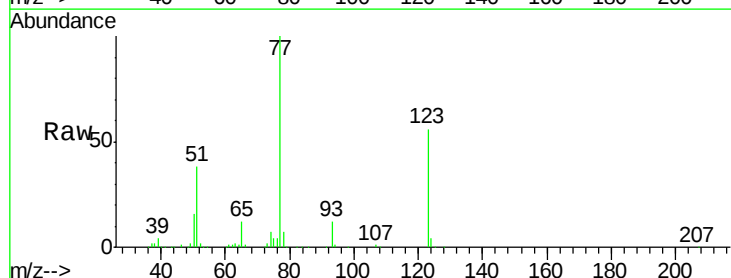
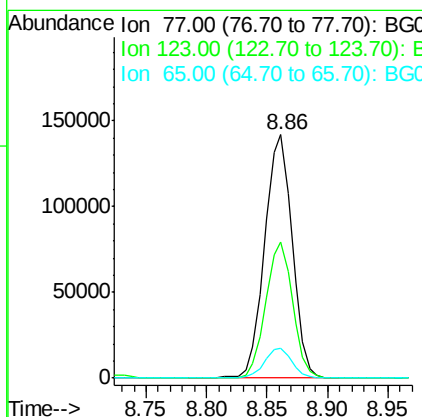
Manual Integrations
 APPROVED

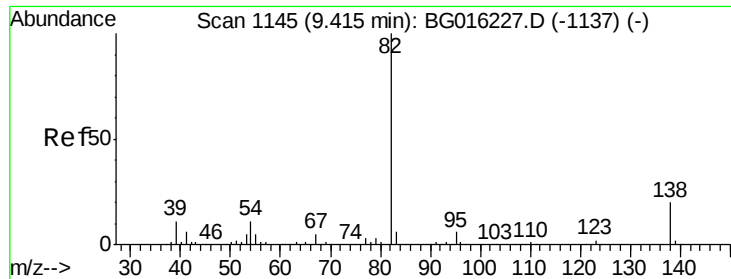
apatel
 4/20/2015 3:59:46 PM



#24
 Nitrobenzene
 Concen: 36.80 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	224264		
123	56.0	38.8	58.2	
65	12.4	9.4	14.2	





#25

Isophorone

Concen: 34.33 ng

RT: 9.38 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

Tgt Ion: 82 Resp: 434529

Ion Ratio Lower Upper

82 100

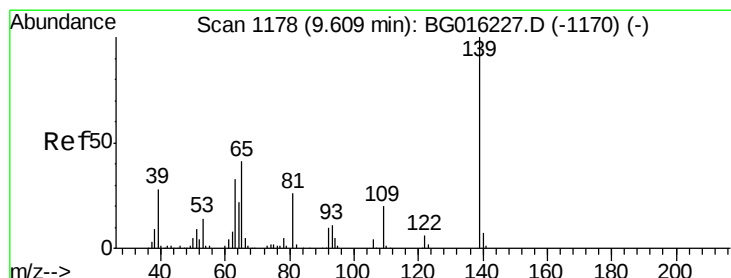
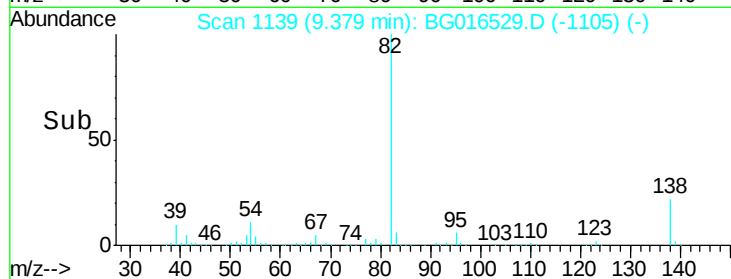
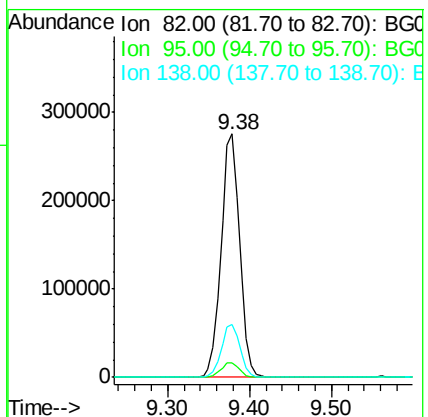
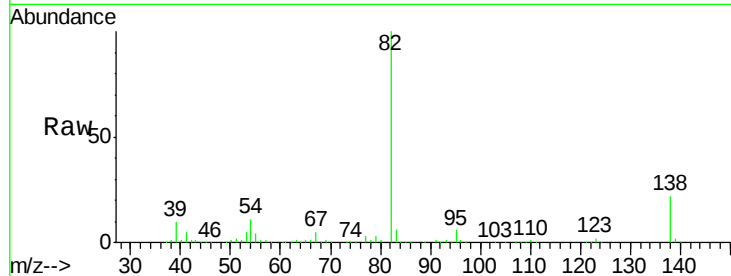
95 6.2 5.0 7.6

138 21.6 16.2 24.2

Manual Integrations
APPROVED

apatel

4/20/2015 3:59:46 PM



#26

2-Nitrophenol

Concen: 45.16 ng

RT: 9.57 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

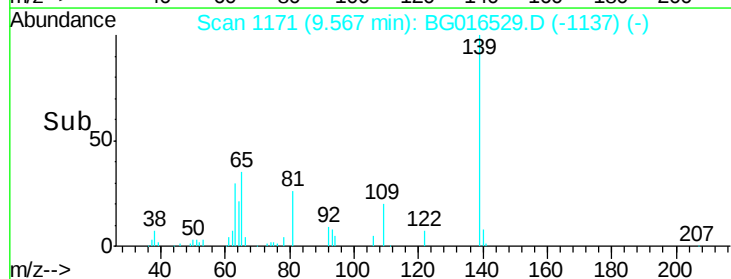
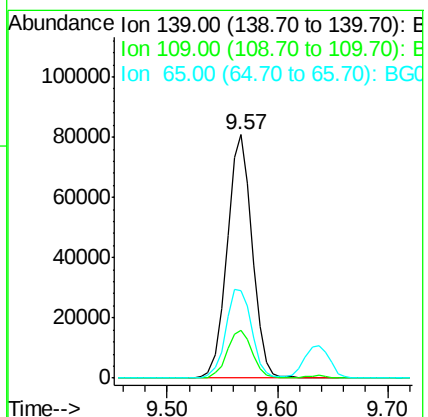
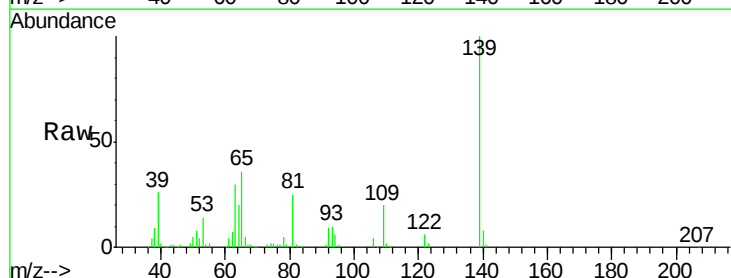
Tgt Ion: 139 Resp: 128346

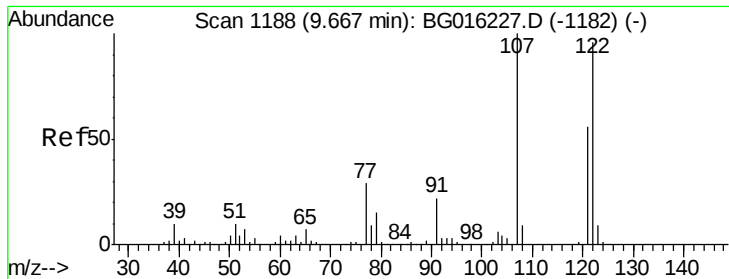
Ion Ratio Lower Upper

139 100

109 19.6 15.9 23.9

65 36.2 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 43.17 ng

RT: 9.64 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BG016529.D

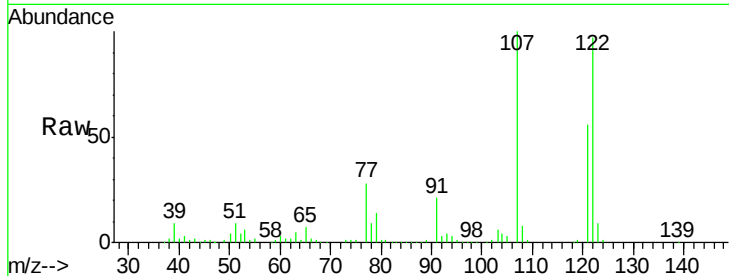
Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

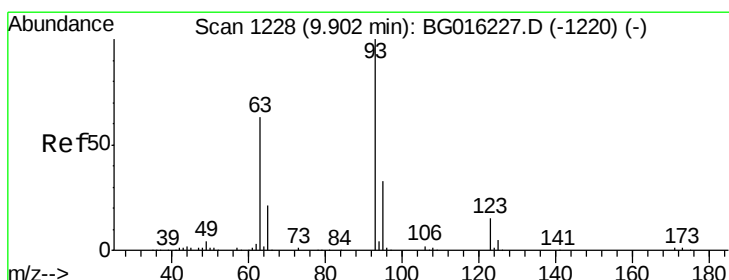
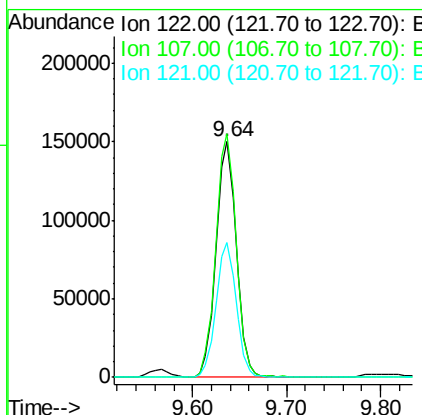
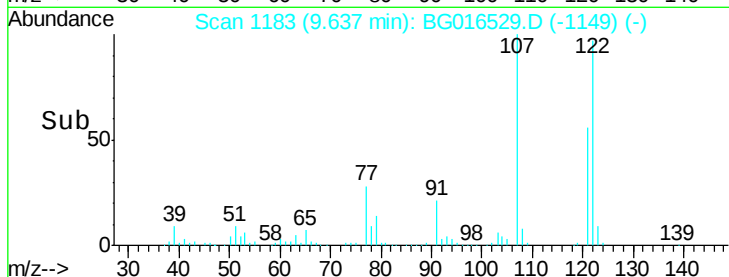
LS-SB19BMS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	228527		
107	103.3	83.4	125.2	
121	57.4	46.2	69.4	

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#28

bis(2-Chloroethoxy)methane

Concen: 37.13 ng

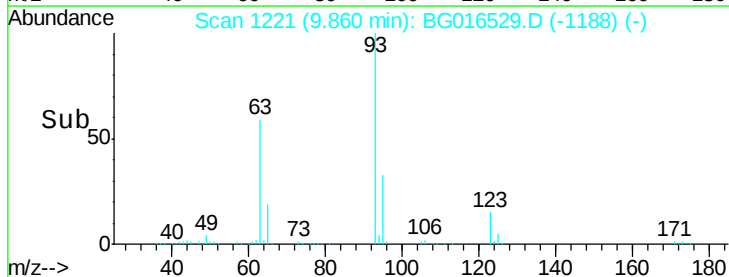
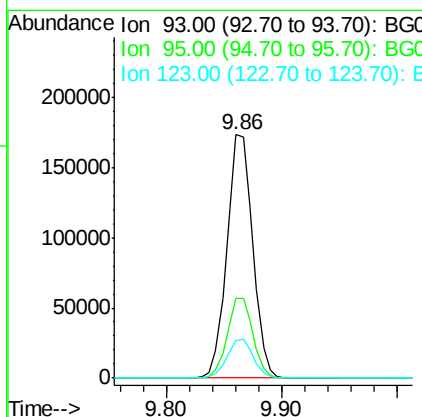
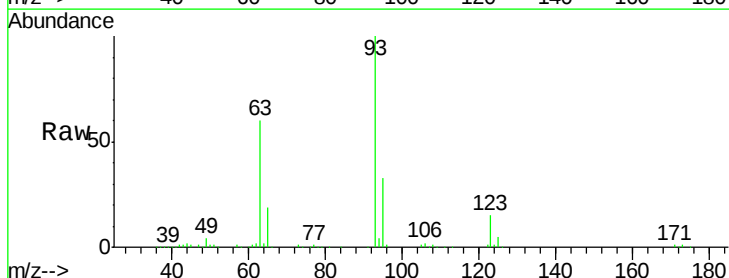
RT: 9.86 min Scan# 1221

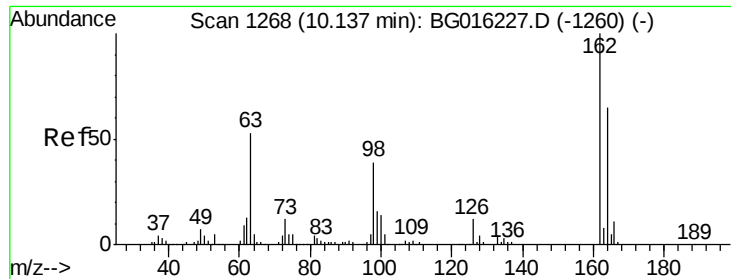
Delta R.T. -0.01 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	268200		
95	32.9	26.1	39.1	
123	15.3	11.8	17.8	





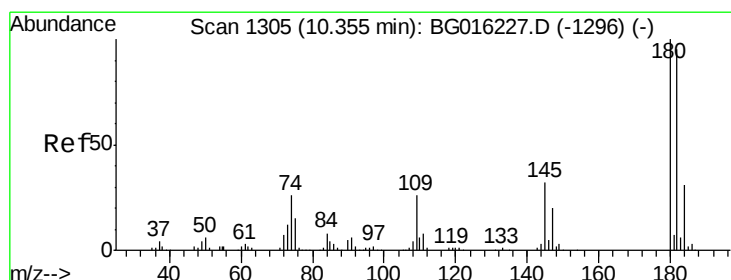
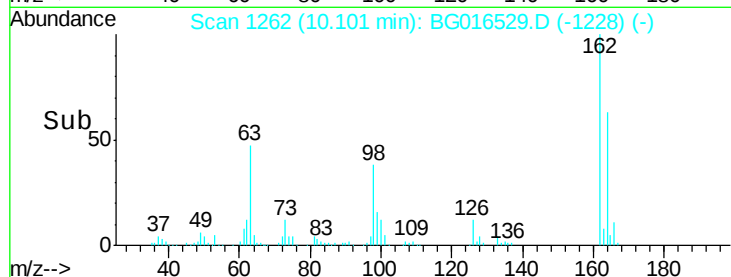
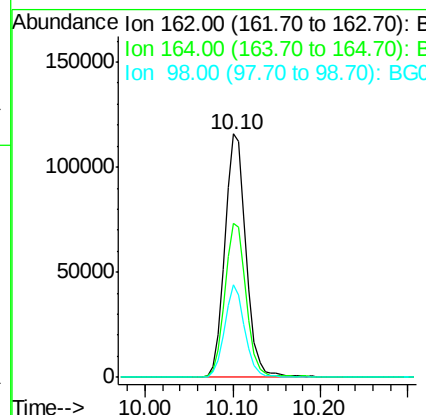
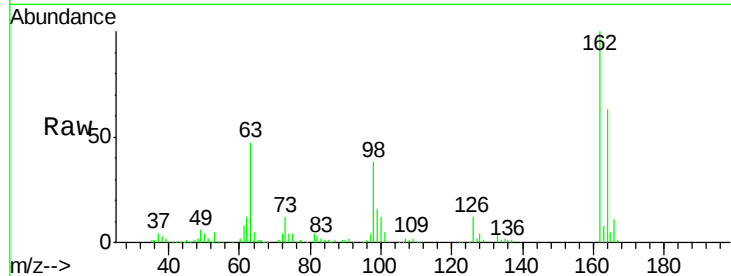
#29
2,4-Dichlorophenol
Concen: 46.49 ng
RT: 10.10 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	194707		
164	63.1	45.0	85.0	
98	38.0	19.1	59.1	

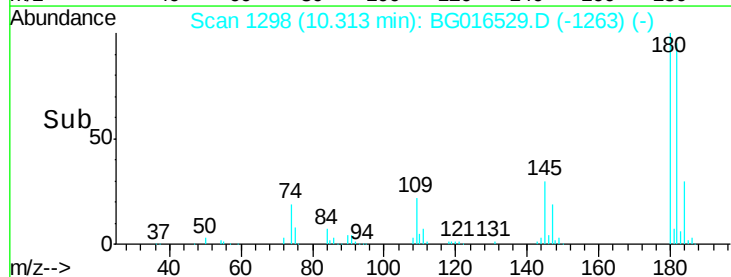
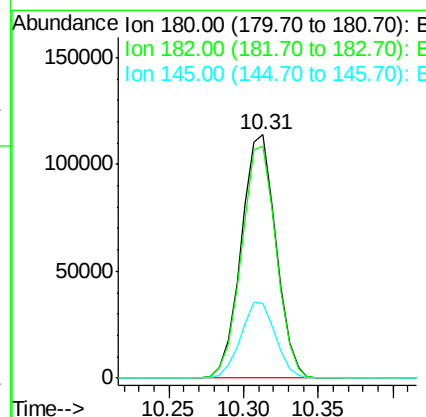
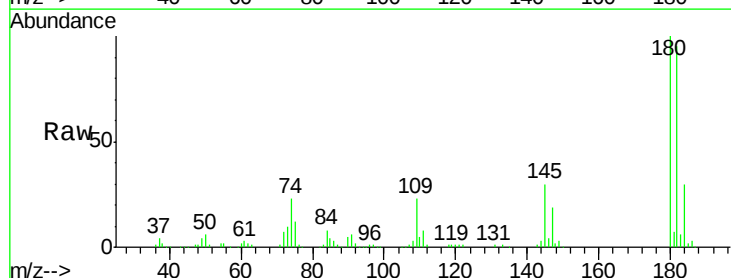
Manual Integrations
APPROVED

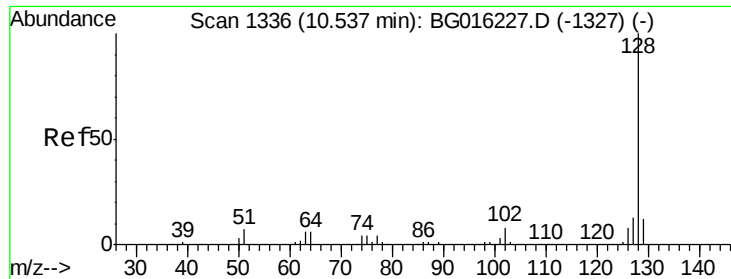
apatel
4/20/2015 3:59:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.95 ng
RT: 10.31 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	183452		
182	95.5	76.3	114.5	
145	30.5	25.2	37.8	





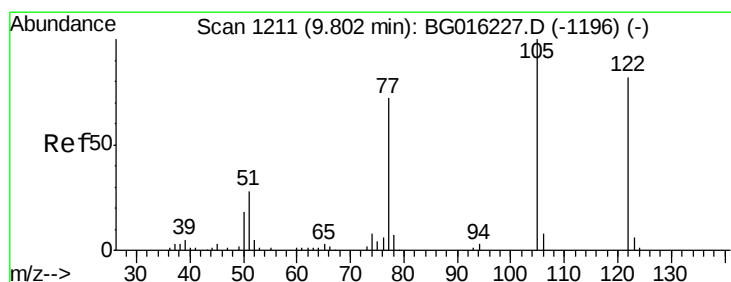
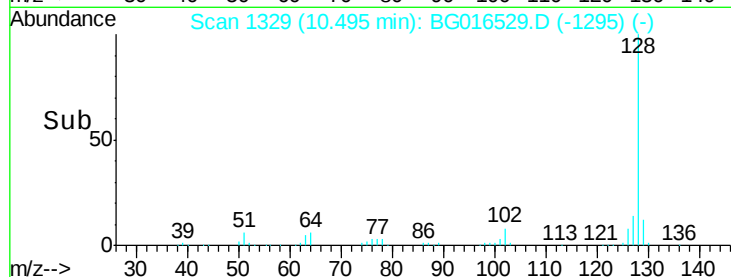
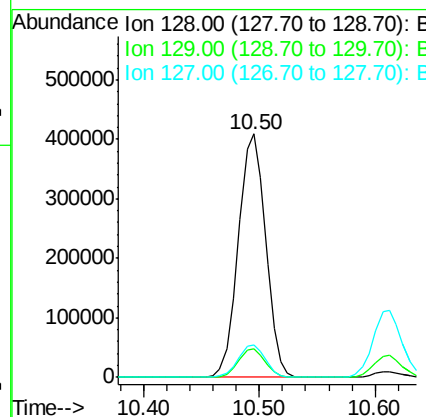
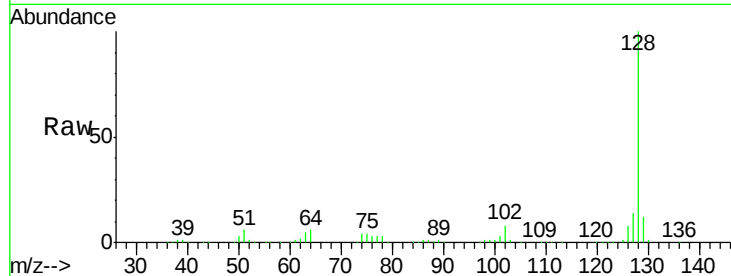
#31
Naphthalene
Concen: 38.95 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	670066		
129	11.5	9.2	13.8	
127	13.5	10.6	16.0	

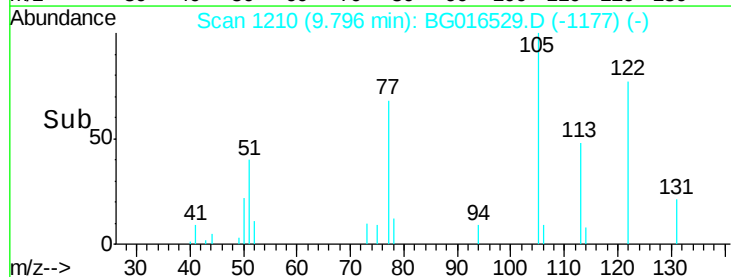
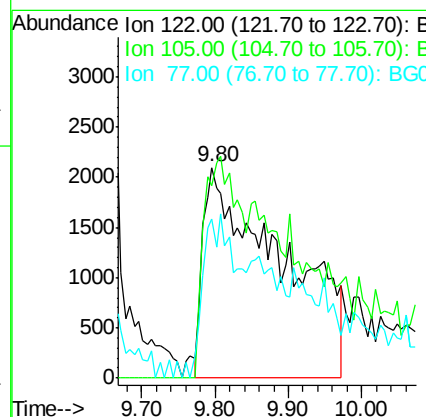
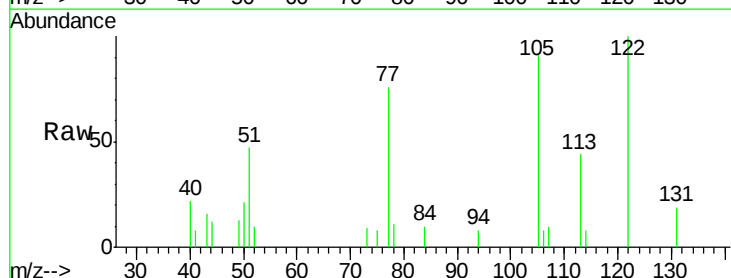
Manual Integrations
APPROVED

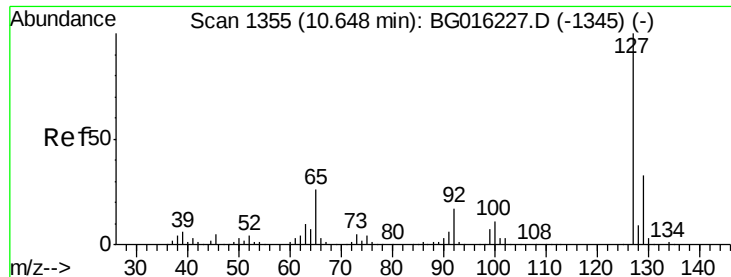
apatel
4/20/2015 3:59:46 PM



#32
Benzoic acid
Concen: 12.42 ng m
RT: 9.80 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	15580		
105	91.4	99.7	139.7#	
77	75.7	66.8	106.8	





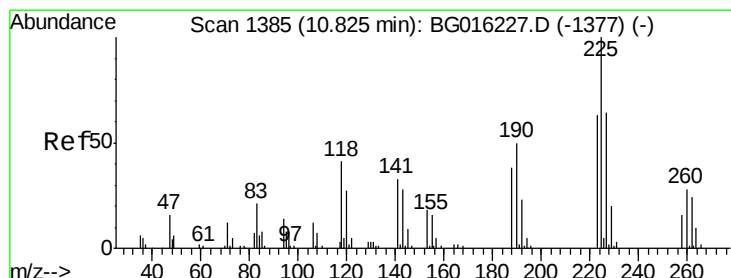
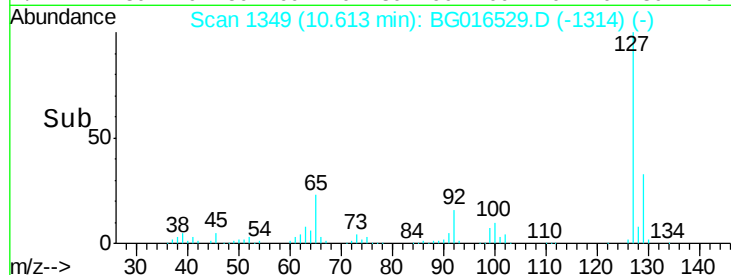
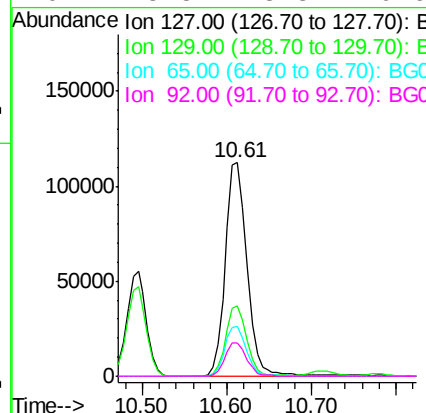
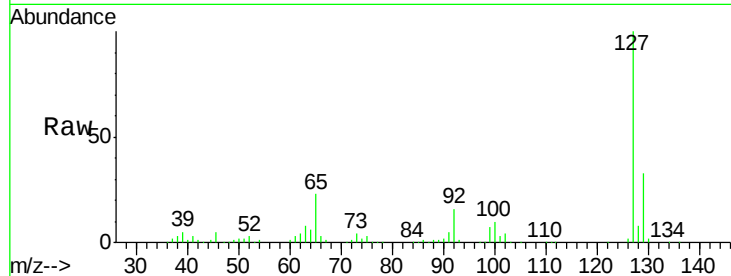
#33
 4-Chloroaniline
 Concen: 24.98 ng
 RT: 10.61 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	201641		
129	33.1	26.1	39.1	
65	23.1	21.2	31.8	
92	15.8	13.8	20.6	

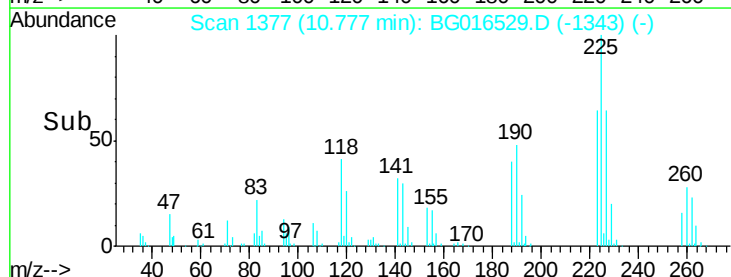
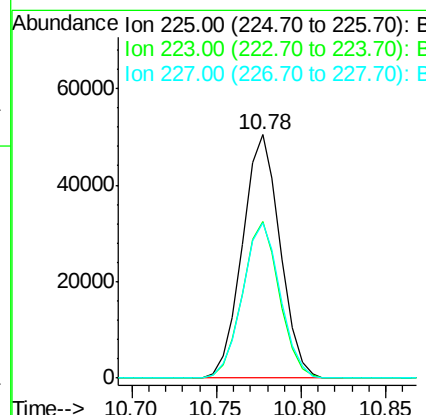
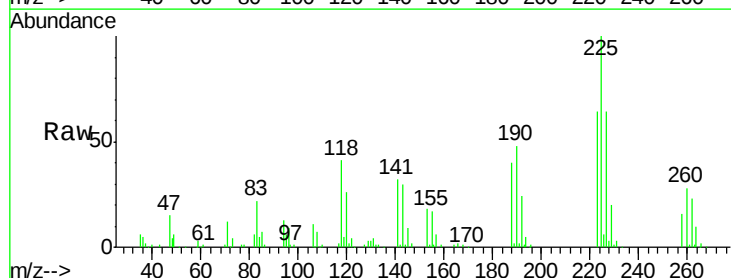
Manual Integrations
 APPROVED

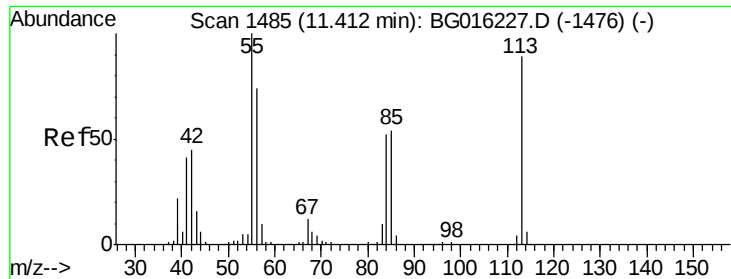
apatel
 4/20/2015 3:59:46 PM



#34
 Hexachlorobutadiene
 Concen: 40.67 ng
 RT: 10.78 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78119		
223	64.4	50.4	75.6	
227	63.7	51.2	76.8	





#35

Caprolactam

Concen: 38.21 ng m

RT: 11.38 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

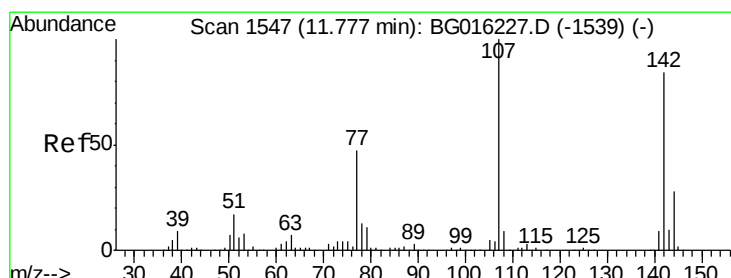
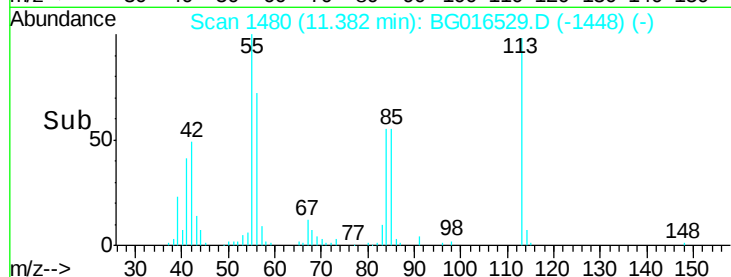
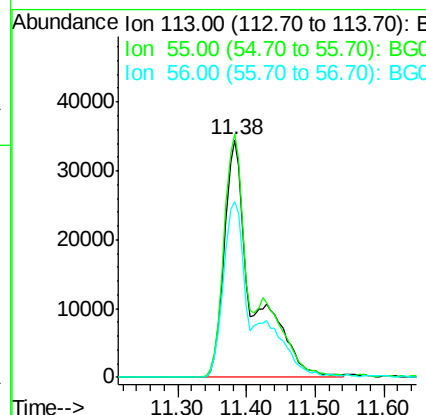
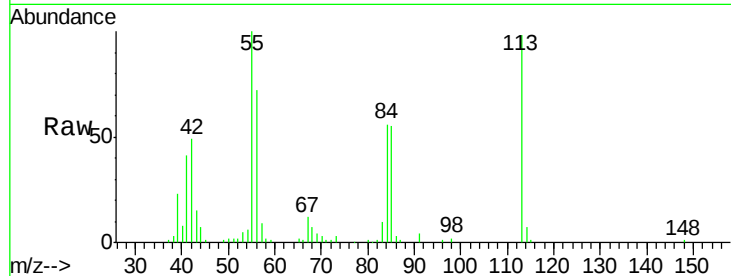
ClientSampleId :

LS-SB19BMS

Tgt Ion:	113	Resp:	100746
Ion Ratio	Lower	Upper	
113	100		
55	102.5	92.4	132.4
56	73.9	63.2	103.2

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#36

4-Chloro-3-methylphenol

Concen: 40.85 ng

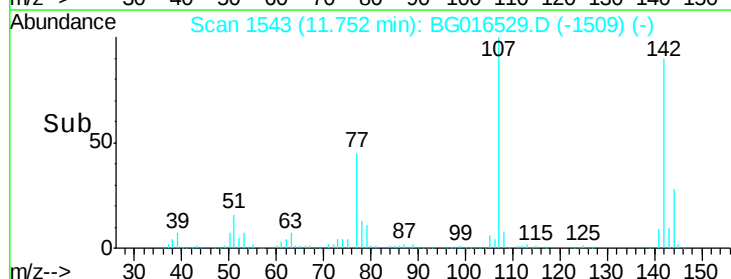
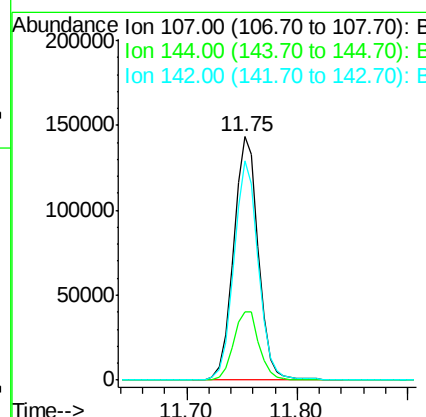
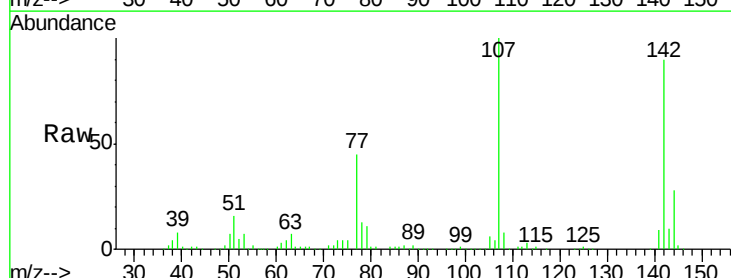
RT: 11.75 min Scan# 1543

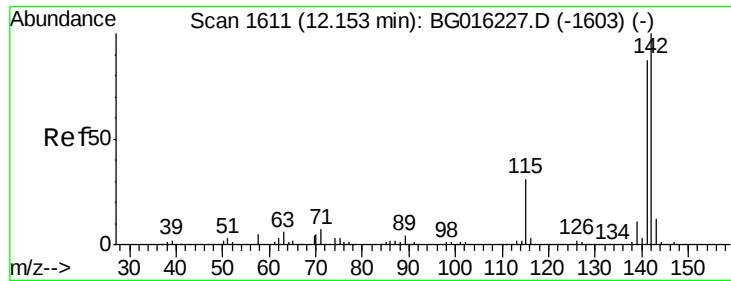
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	107	Resp:	226026
Ion Ratio	Lower	Upper	
107	100		
144	28.1	22.0	33.0
142	90.2	67.0	100.6





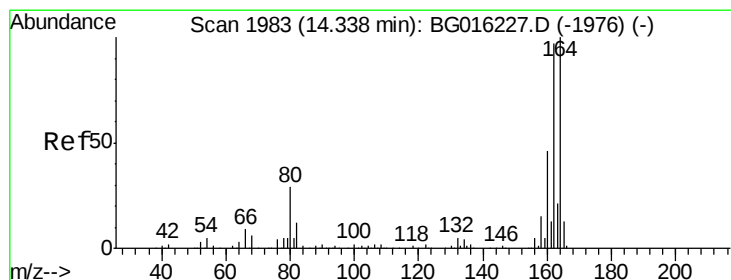
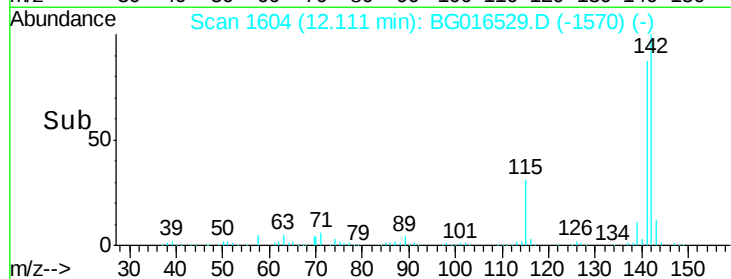
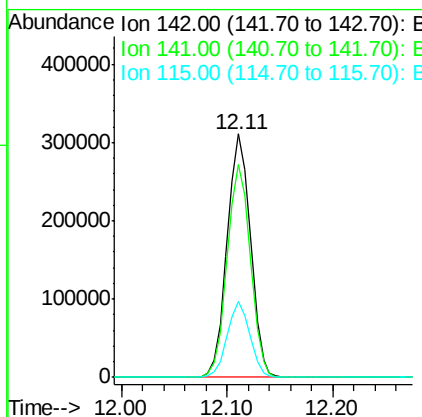
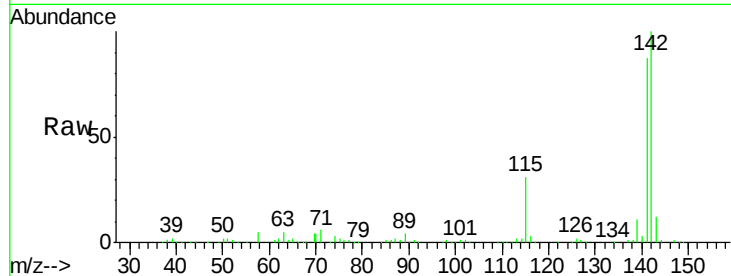
#37
2-Methylnaphthalene
Concen: 38.46 ng
RT: 12.11 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.3	103.9
115	31.4	25.0	37.6

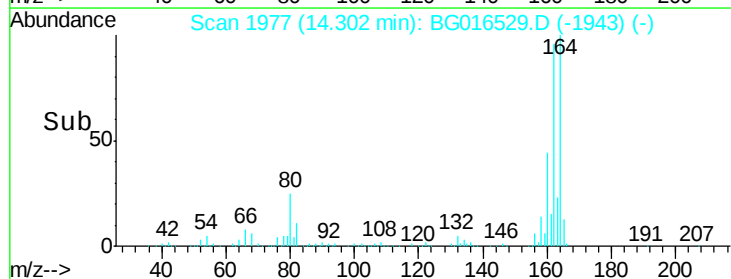
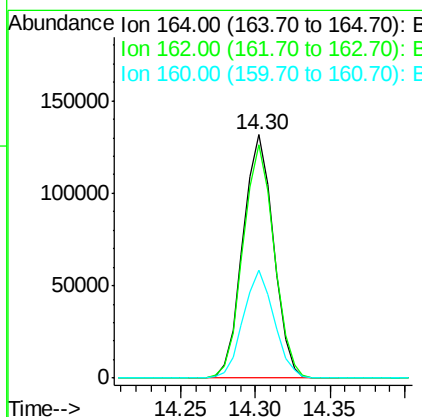
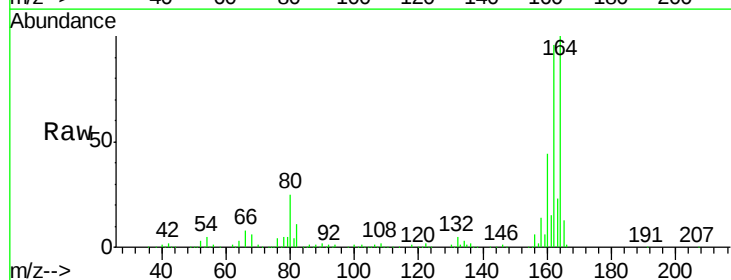
Manual Integrations
APPROVED

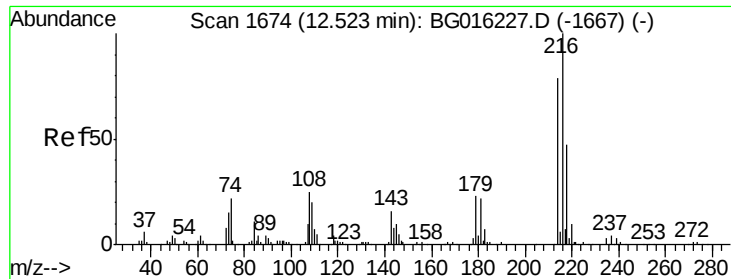
apatel
4/20/2015 3:59:46 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	77.3	115.9
160	44.4	36.7	55.1





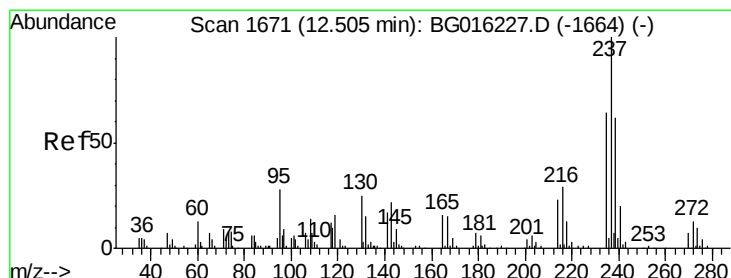
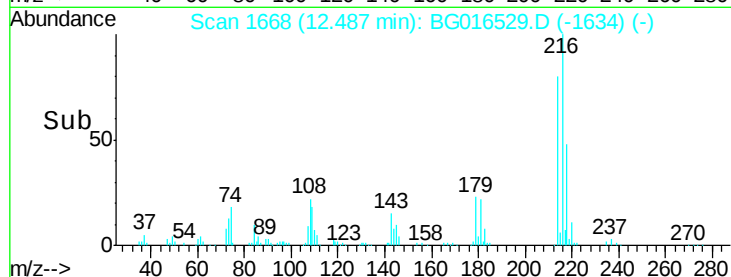
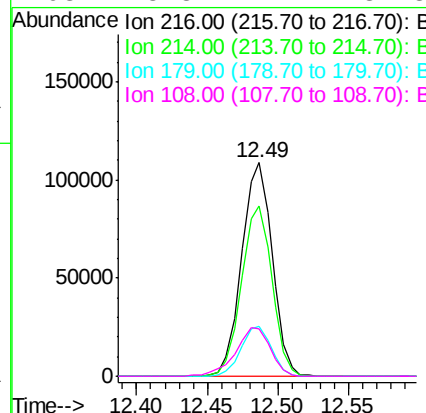
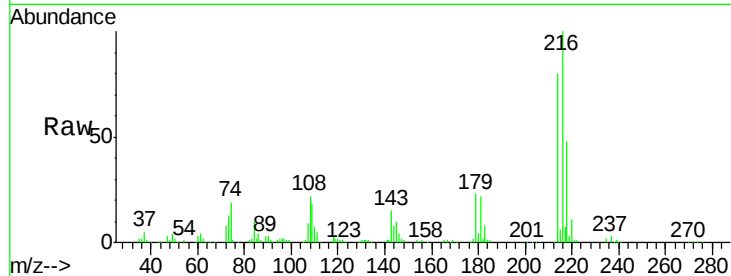
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.11 ng
 RT: 12.49 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	164537		
214	79.4	63.4	95.0	
179	23.1	18.2	27.2	
108	25.8	21.2	31.8	

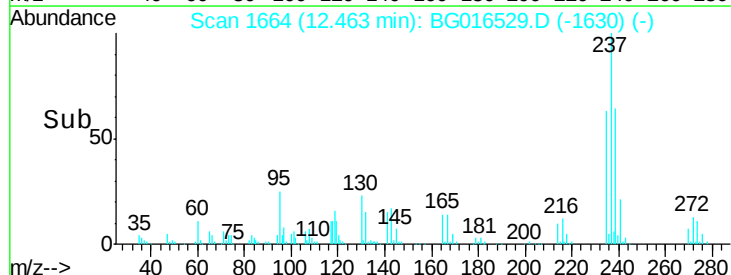
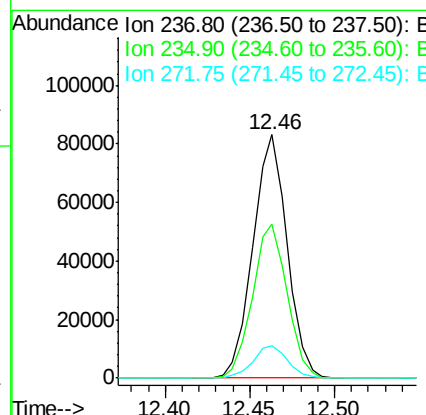
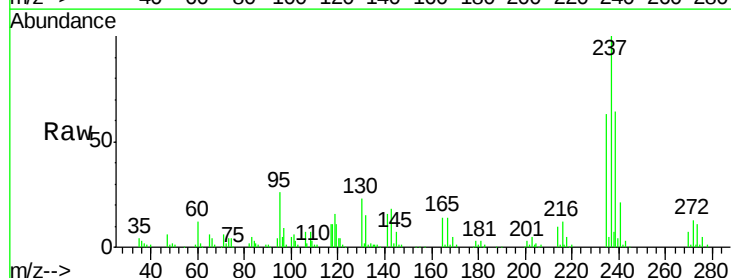
Manual Integrations
 APPROVED

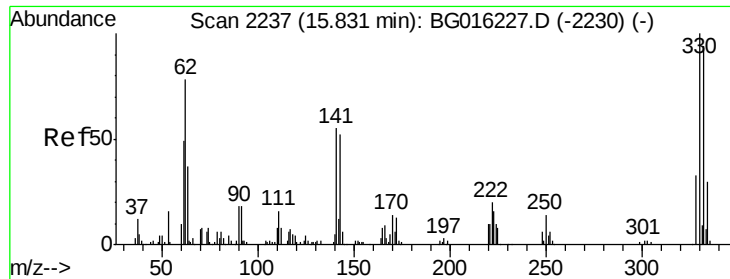
apatel
 4/20/2015 3:59:46 PM



#40
 Hexachlorocyclopentadiene
 Concen: 62.19 ng
 RT: 12.46 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	116748		
235	63.3	43.9	83.9	
272	13.2	0.0	33.1	





#41

2,4,6-Tribromophenol

Concen: 124.35 ng

RT: 15.79 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG016529.D

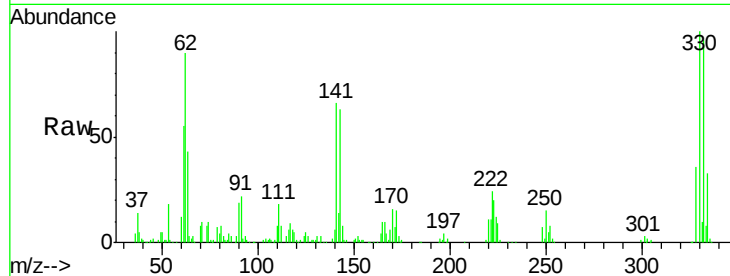
Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

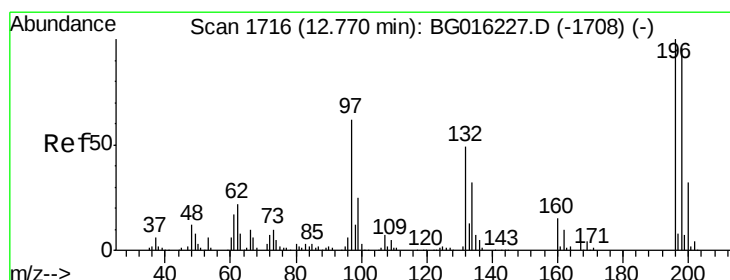
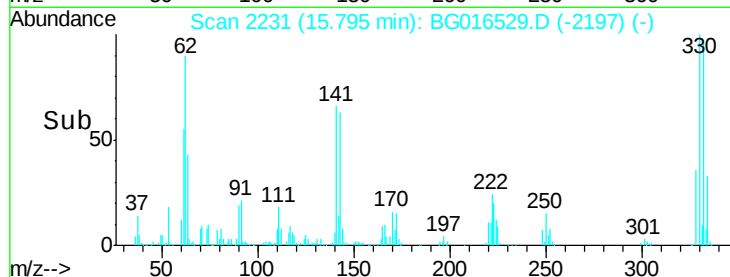
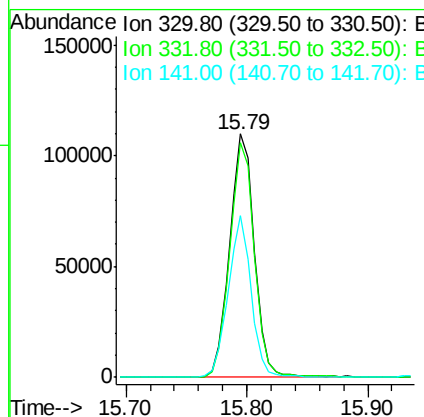
LS-SB19BMS



Tgt Ion:	330	Resp:	156667
Ion Ratio	Lower	Upper	
330	100		
332	96.8	75.8	113.6
141	61.2	46.6	69.8

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#42

2,4,6-Trichlorophenol

Concen: 42.07 ng

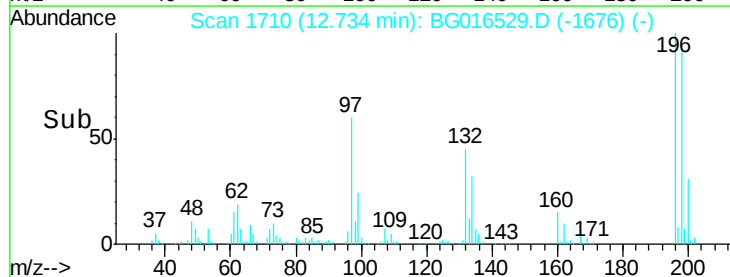
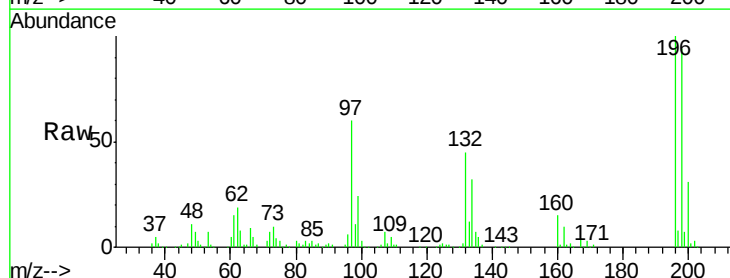
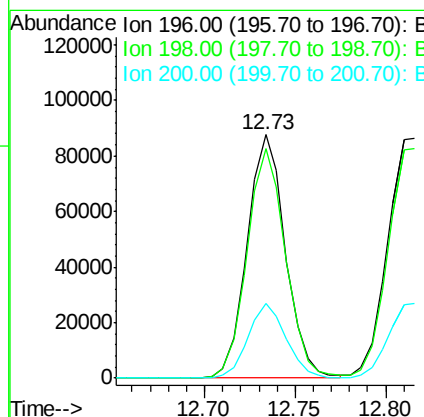
RT: 12.73 min Scan# 1710

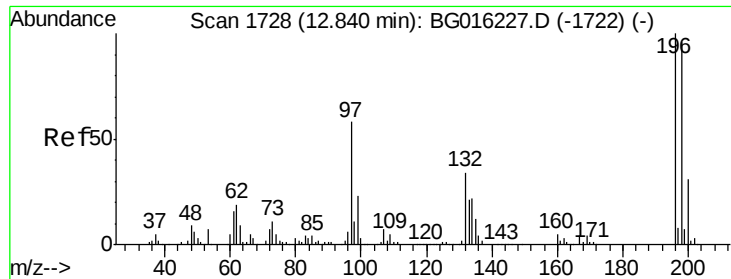
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	196	Resp:	128216
Ion Ratio	Lower	Upper	
196	100		
198	94.3	77.2	115.8
200	30.8	25.3	37.9





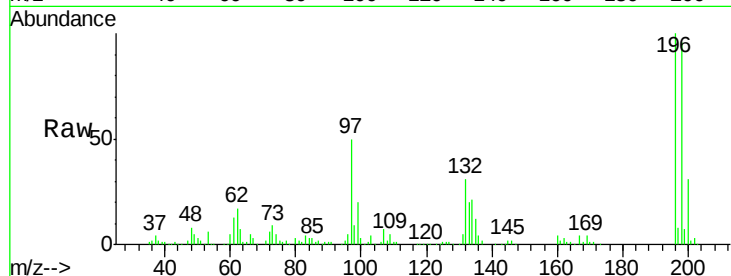
#43
 2,4,5-Trichlorophenol
 Concen: 43.28 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampled :
 LS-SB19BMS

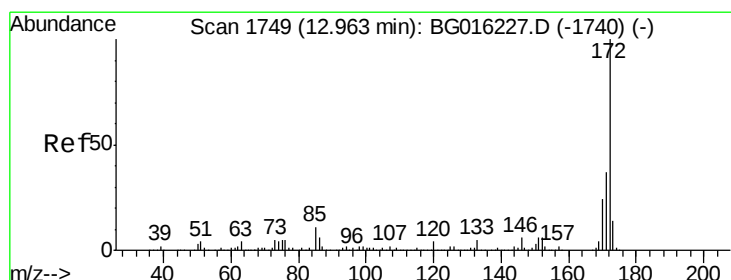
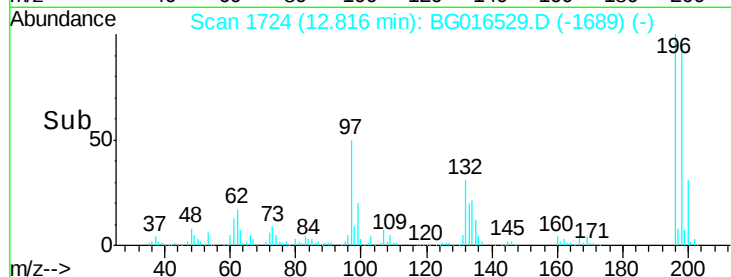
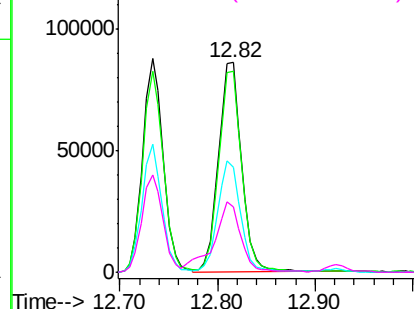
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140943		
198	95.9	77.1	115.7	
97	49.8	46.6	69.8	
132	31.2	27.0	40.6	

Manual Integrations
 APPROVED

apatel
 4/20/2015 3:59:46 PM

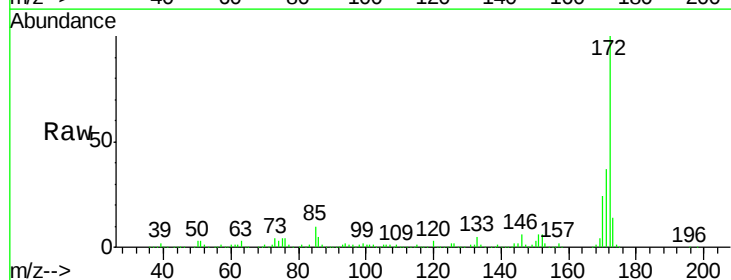


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

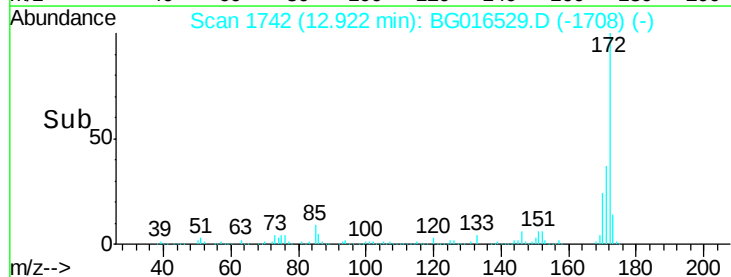
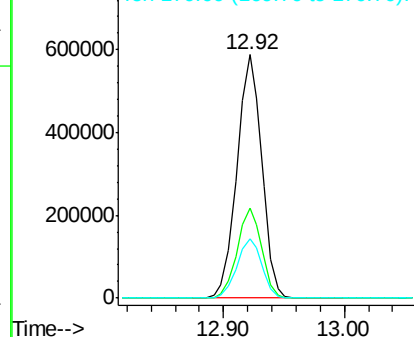


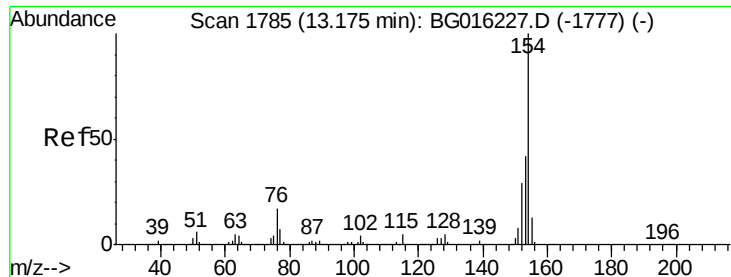
#44
 2-Fluorobiphenyl
 Concen: 76.78 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	840078		
171	37.0	29.6	44.4	
170	24.3	19.4	29.2	



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





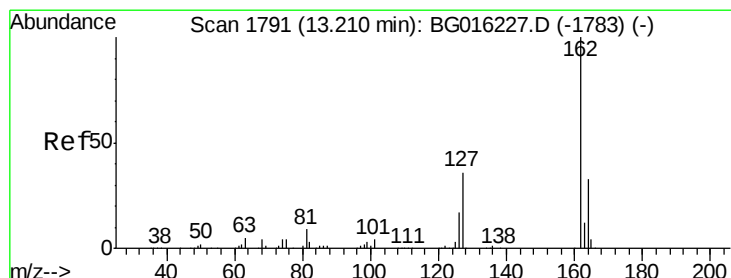
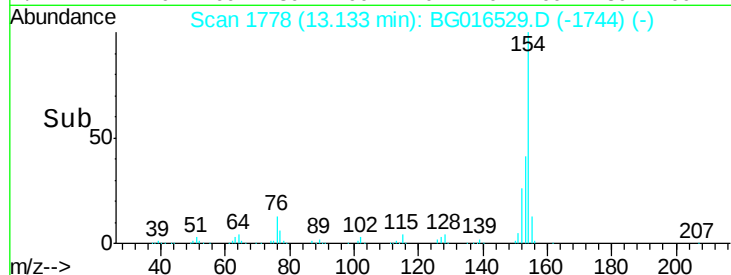
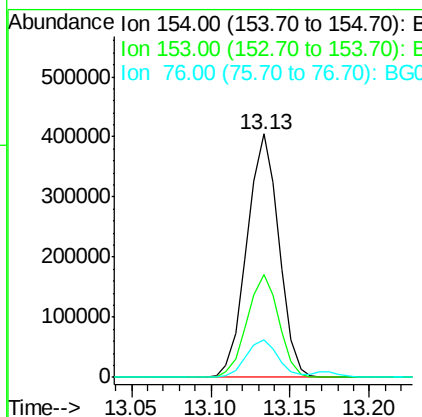
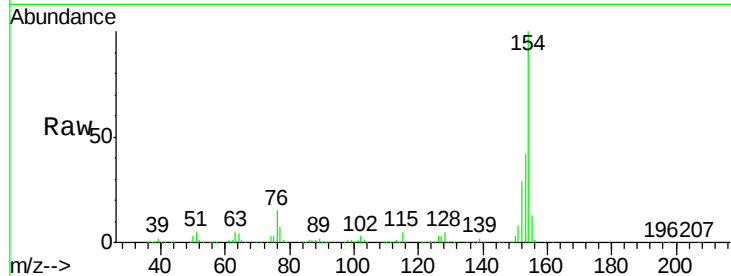
#45
 1,1'-Biphenyl
 Concen: 39.74 ng
 RT: 13.13 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion:	154	Resp:	567952
Ion Ratio	Lower	Upper	
154	100		
153	42.2	22.4	62.4
76	15.4	0.0	37.1

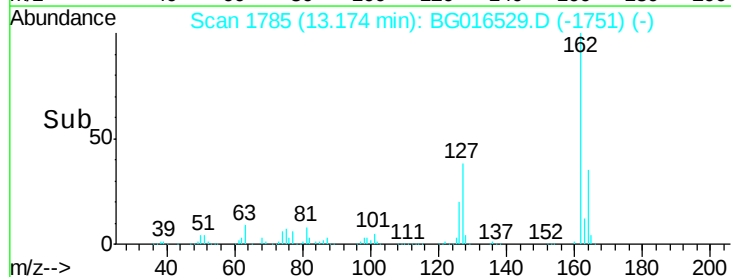
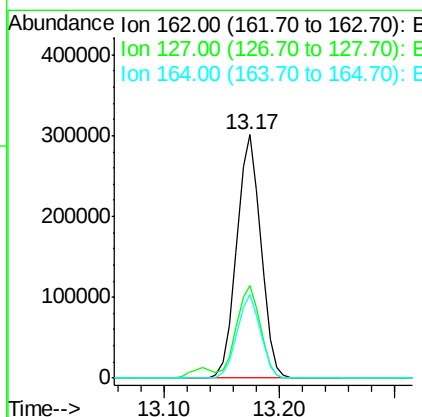
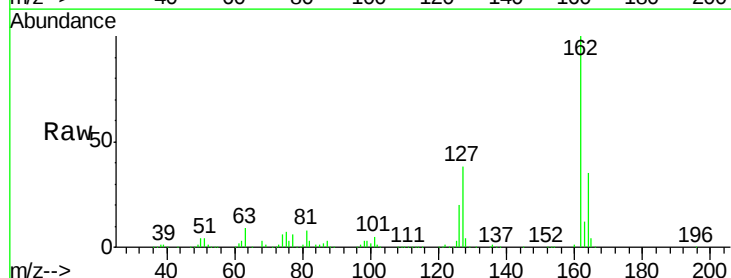
Manual Integrations
 APPROVED

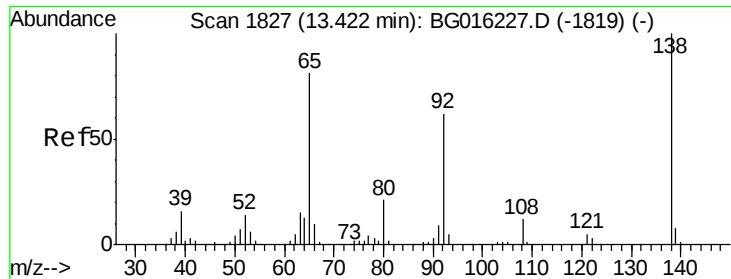
apatel
 4/20/2015 3:59:46 PM



#46
 2-Chloronaphthalene
 Concen: 40.06 ng
 RT: 13.17 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion:	162	Resp:	436093
Ion Ratio	Lower	Upper	
162	100		
127	37.9	30.8	46.2
164	34.6	26.6	40.0





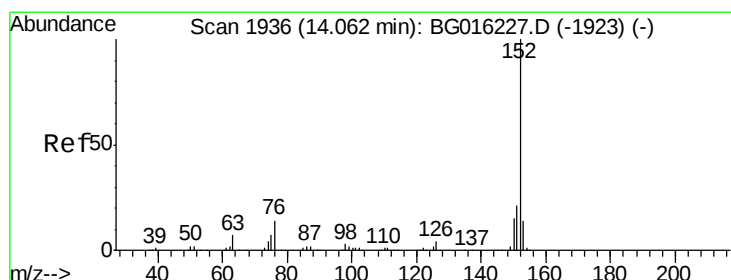
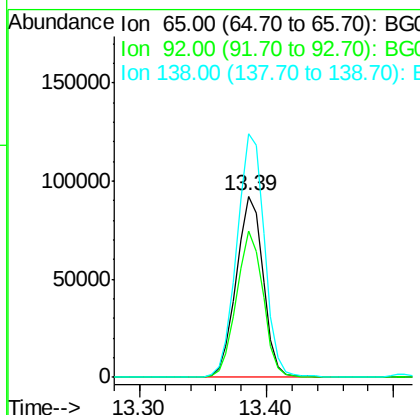
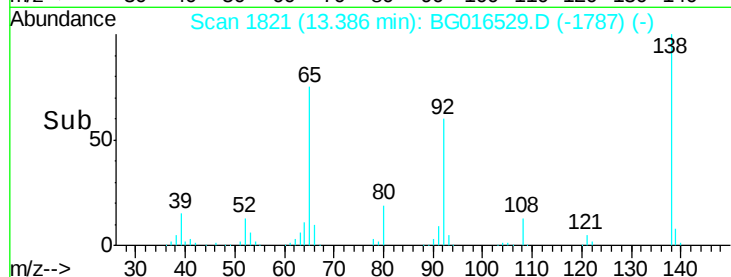
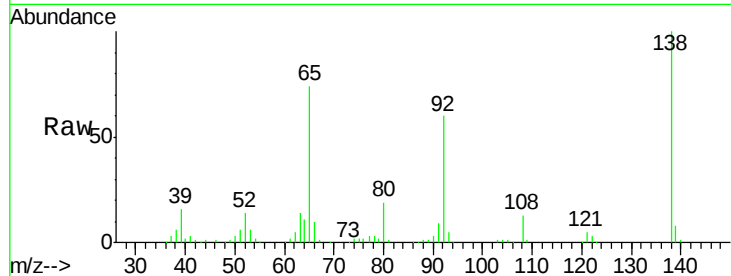
#47
 2-Nitroaniline
 Concen: 38.63 ng
 RT: 13.39 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135564		
92	80.6	61.0	91.6	
138	134.6	98.7	148.1	

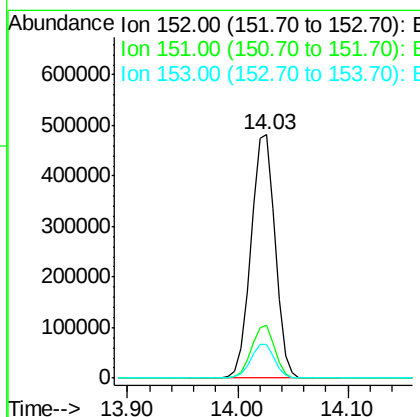
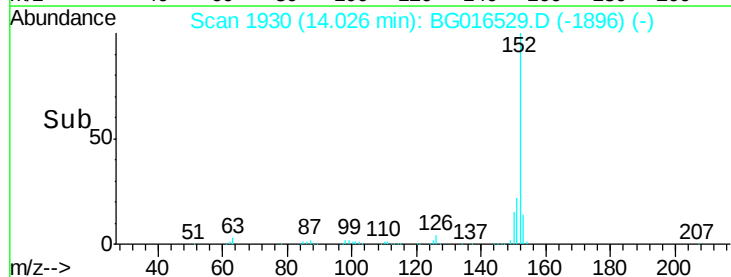
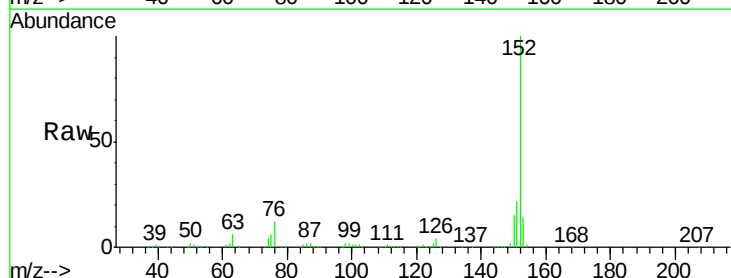
Manual Integrations
 APPROVED

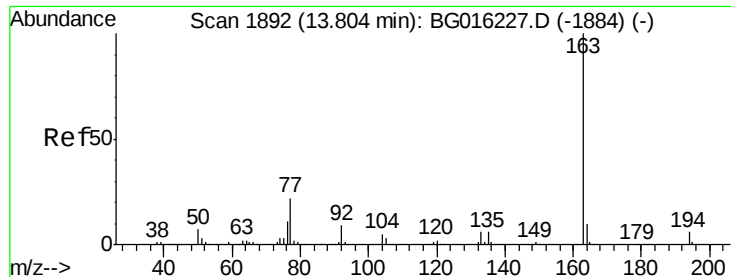
apatel
 4/20/2015 3:59:46 PM



#48
 Acenaphthylene
 Concen: 38.20 ng
 RT: 14.03 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	739568		
151	21.6	16.5	24.7	
153	13.7	11.1	16.7	





#49

Dimethylphthalate

Concen: 43.01 ng

RT: 13.77 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

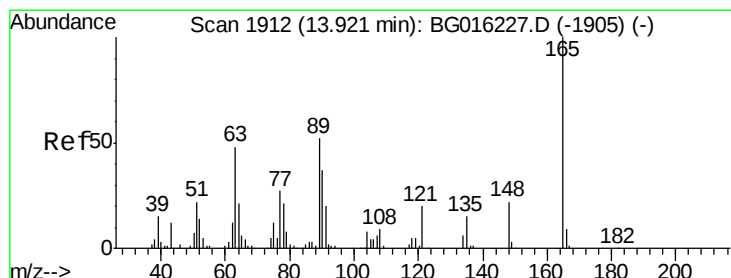
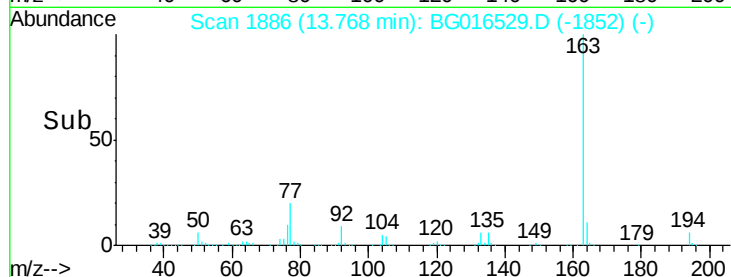
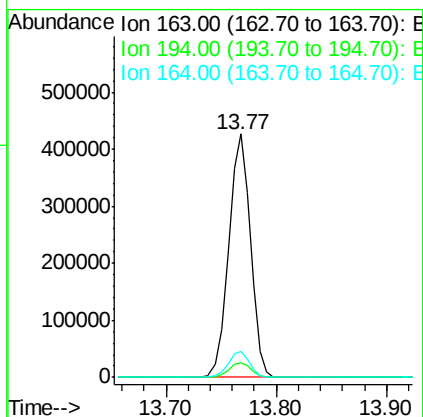
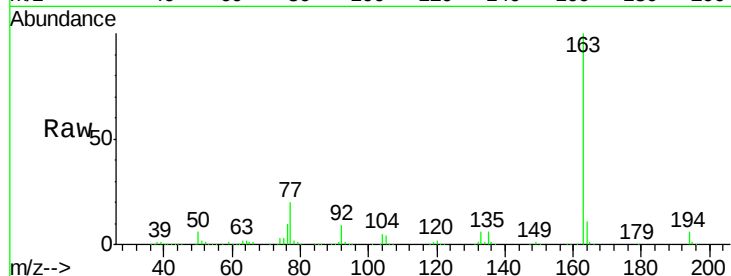
ClientSampleId :

LS-SB19BMS

Tgt Ion:	163	Resp:	587303
Ion Ratio	Lower	Upper	
163	100		
194	6.0	5.0	7.4
164	10.6	8.2	12.4

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#50

2,6-Dinitrotoluene

Concen: 41.32 ng

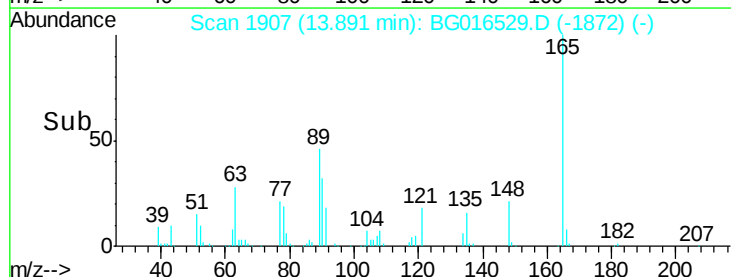
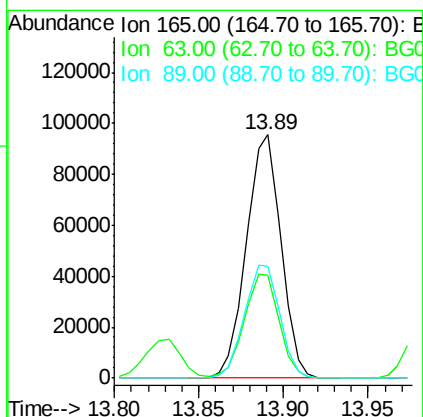
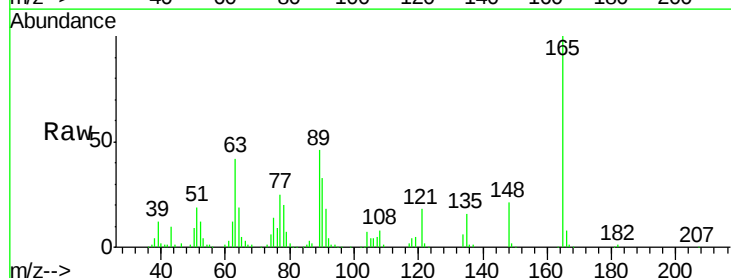
RT: 13.89 min Scan# 1907

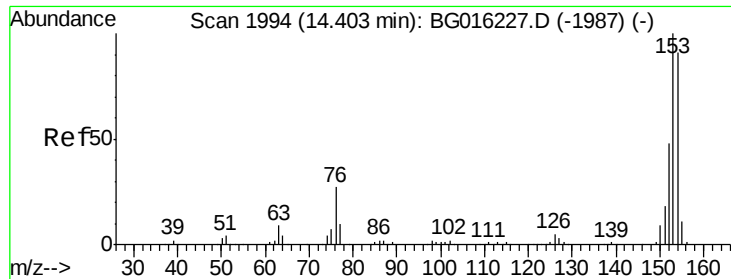
Delta R.T. 0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	165	Resp:	136453
Ion Ratio	Lower	Upper	
165	100		
63	42.1	39.3	58.9
89	46.2	41.3	61.9





#51

Acenaphthene

Concen: 38.43 ng

RT: 14.37 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG016529.D

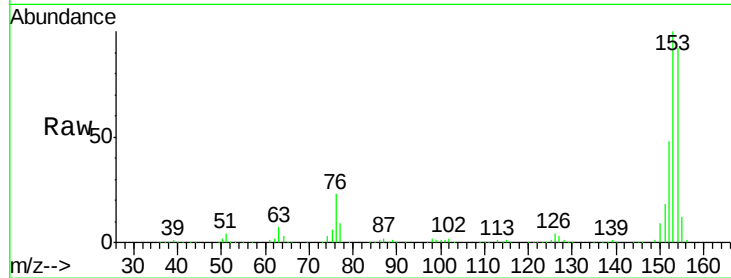
Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

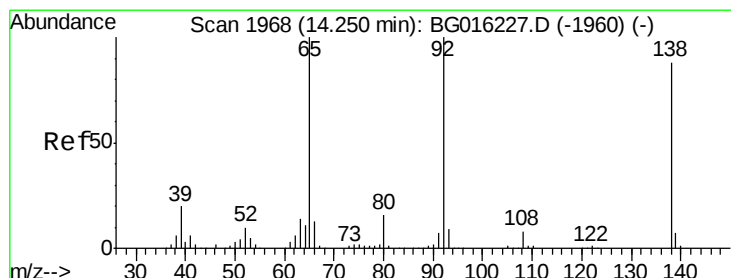
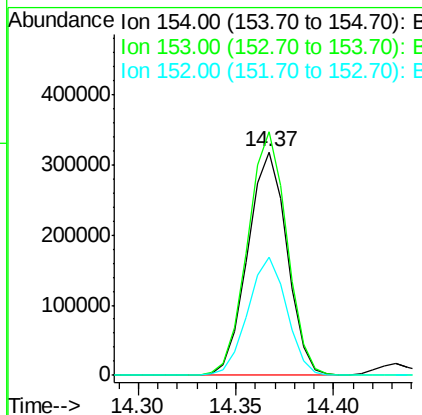
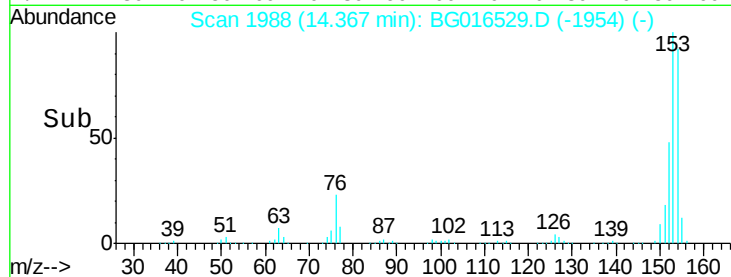
LS-SB19BMS



Tgt Ion:	154	Resp:	444515
Ion Ratio	Lower	Upper	
154	100		
153	108.9	87.5	131.3
152	52.6	42.1	63.1

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#52

3-Nitroaniline

Concen: 30.00 ng

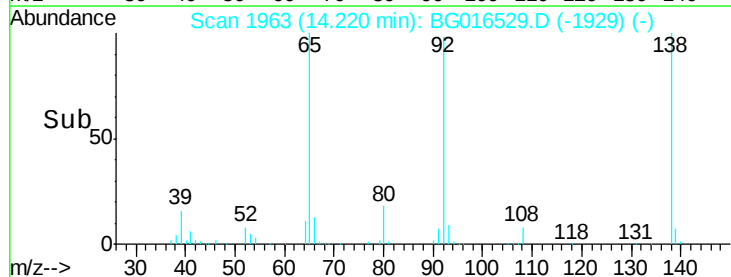
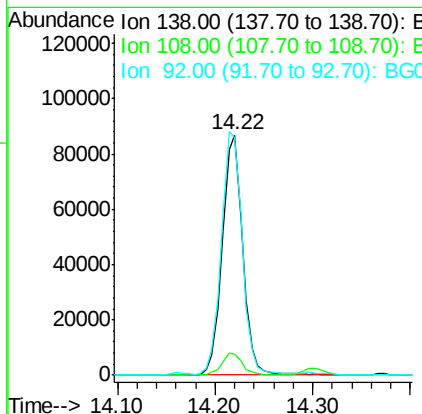
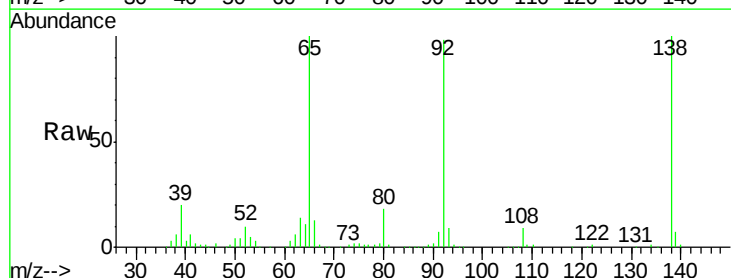
RT: 14.22 min Scan# 1963

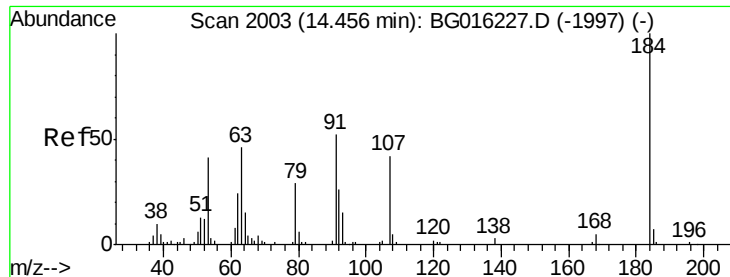
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	138	Resp:	126517
Ion Ratio	Lower	Upper	
138	100		
108	8.6	7.4	11.0
92	98.7	91.4	137.0





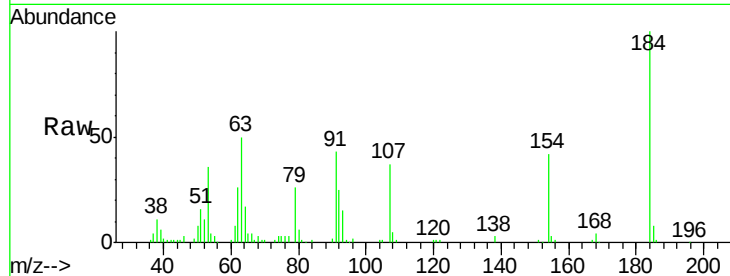
#53
2,4-Dinitrophenol
Concen: 37.15 ng
RT: 14.43 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

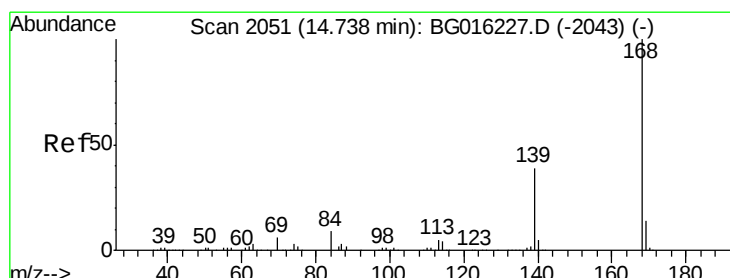
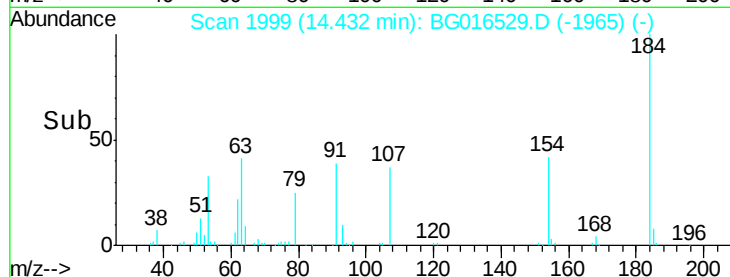
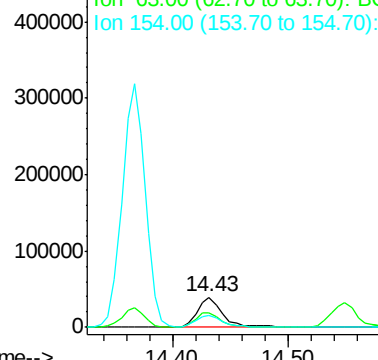
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	61567		
63	50.1	45.8	68.6	
154	41.7	34.5	51.7	

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM

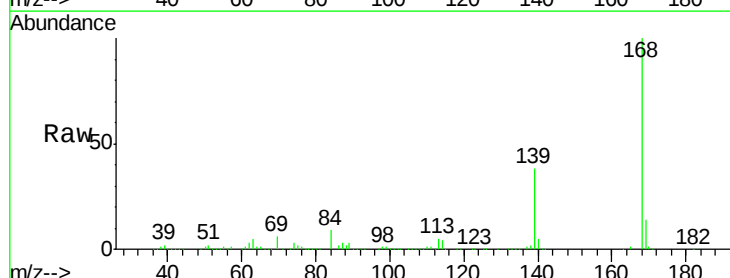


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

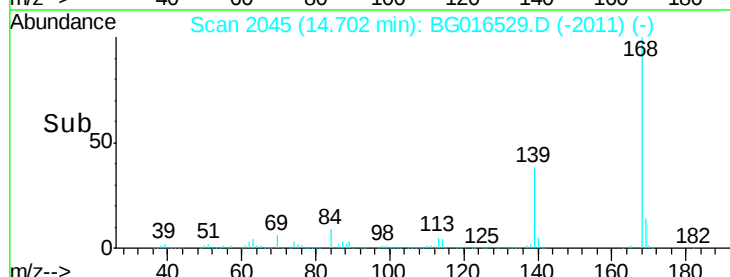
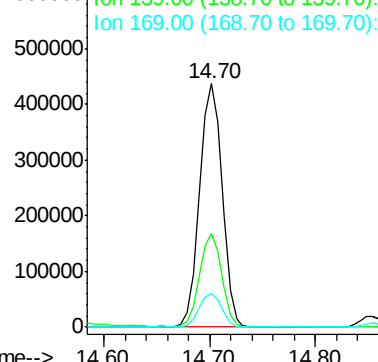


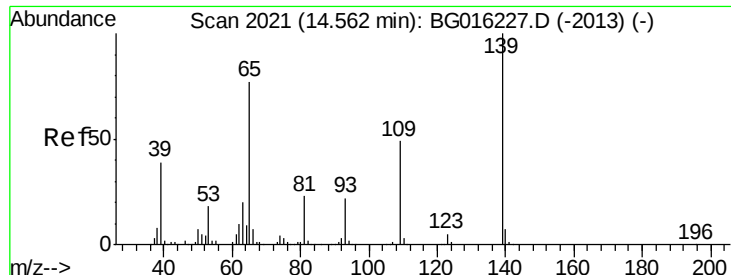
#54
Dibenzofuran
Concen: 39.96 ng
RT: 14.70 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	641494		
139	38.4	31.0	46.6	
169	13.9	11.2	16.8	



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





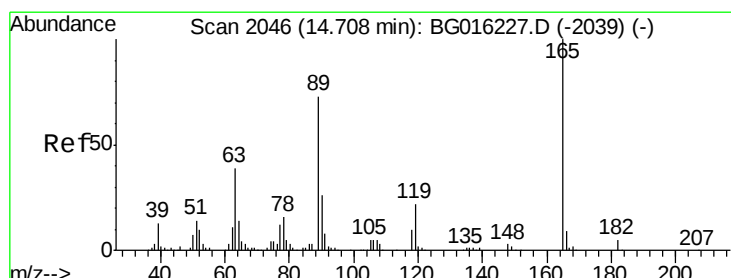
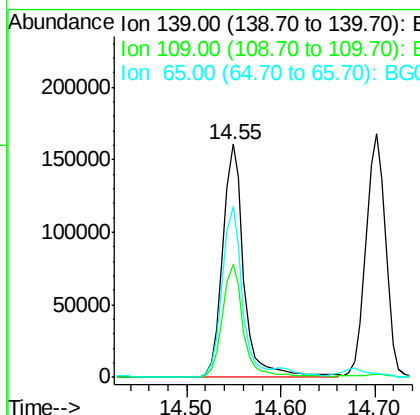
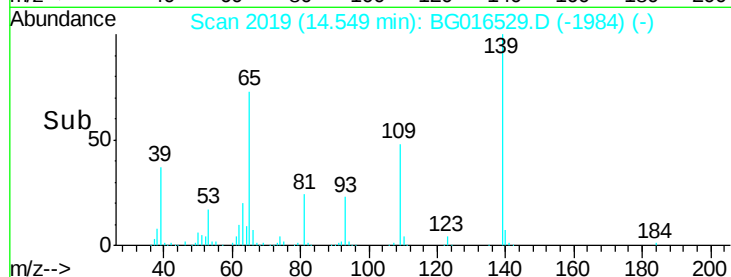
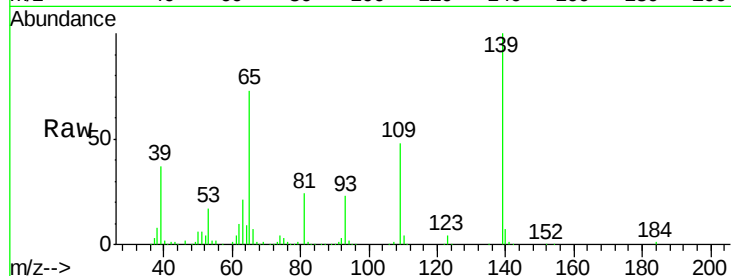
#55
4-Nitrophenol
Concen: 72.77 ng
RT: 14.55 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	253621		
109	48.3	28.5	68.5	
65	73.3	56.9	96.9	

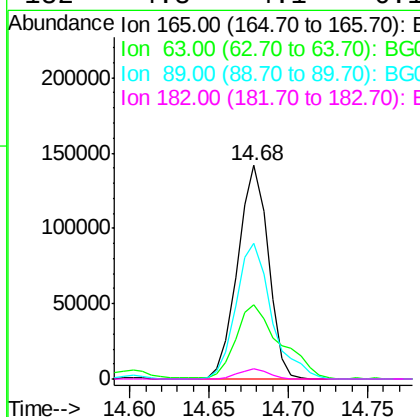
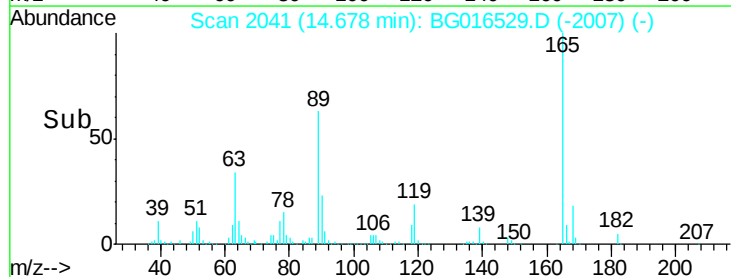
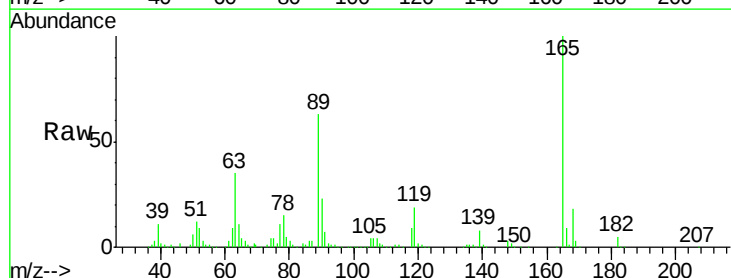
Manual Integrations
APPROVED

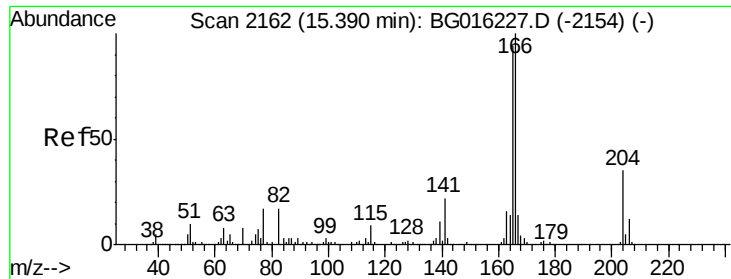
apatel
4/20/2015 3:59:46 PM



#56
2,4-Dinitrotoluene
Concen: 42.31 ng
RT: 14.68 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190295		
63	34.8	31.4	47.2	
89	63.4	58.8	88.2	
182	4.8	4.1	6.1	





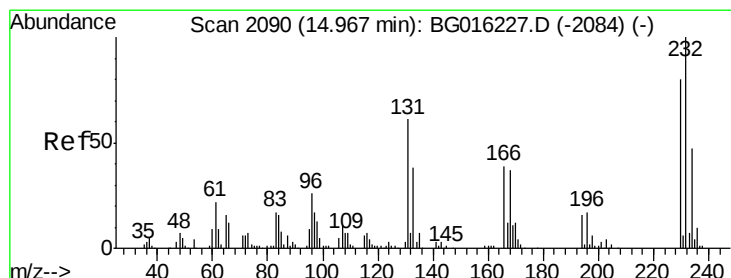
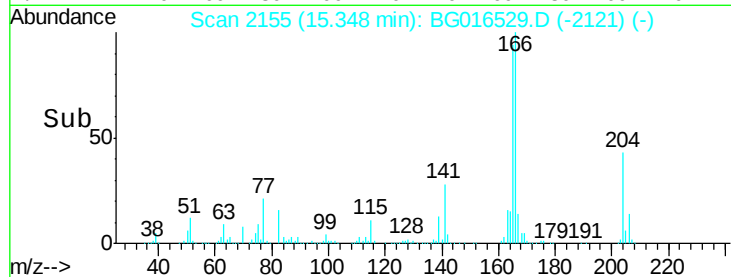
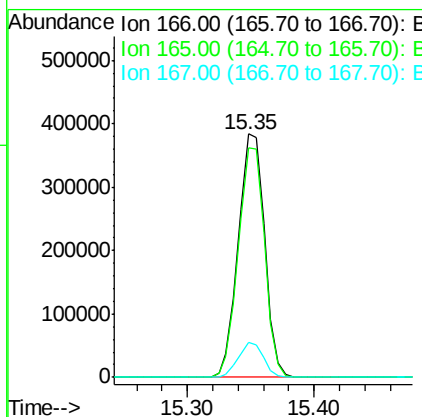
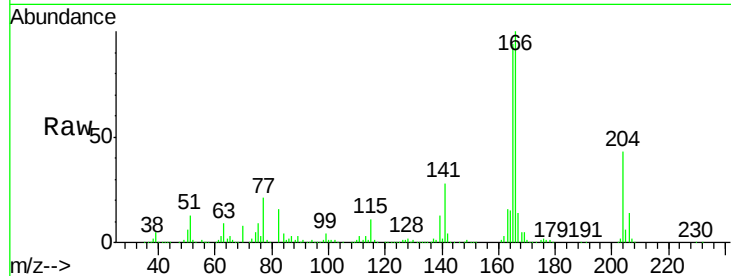
#57
Fluorene
 Concen: 38.79 ng
 RT: 15.35 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.2	112.8
167	14.3	11.3	16.9

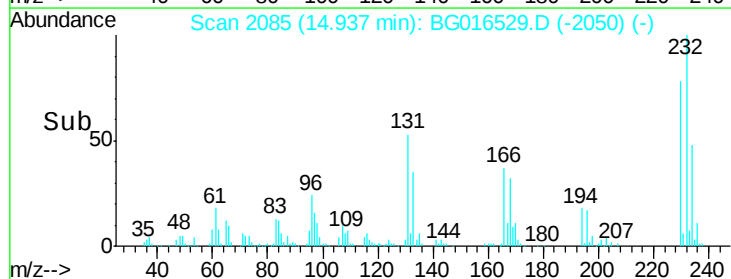
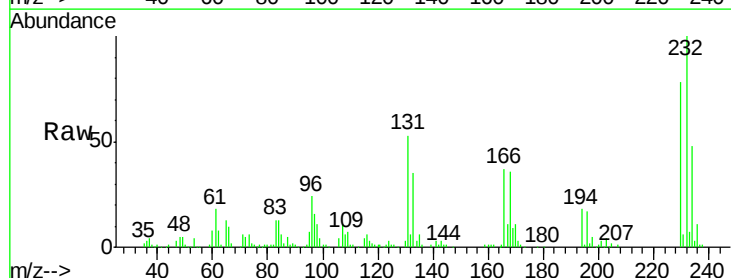
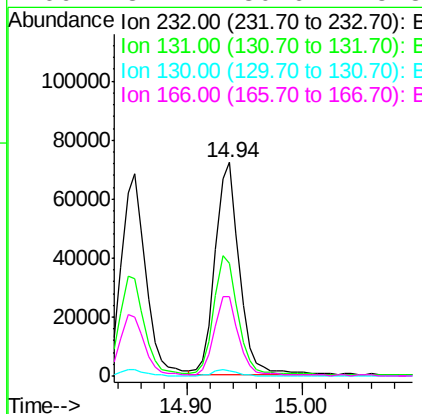
Manual Integrations
 APPROVED

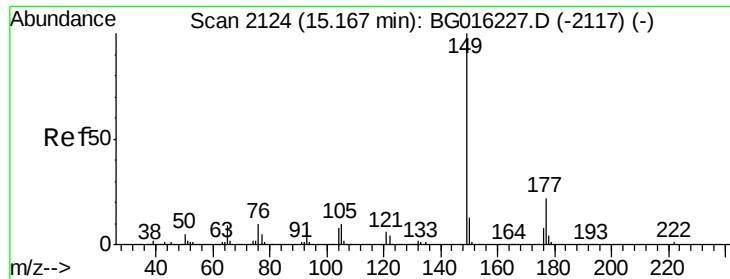
apatel
 4/20/2015 3:59:46 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.99 ng
 RT: 14.94 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.1	49.8	74.6
130	3.1	2.6	3.8
166	37.2	30.6	45.8





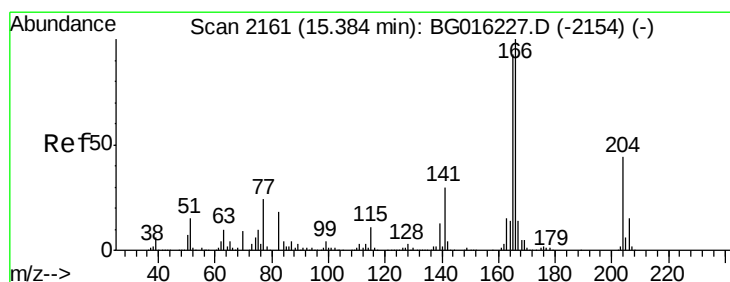
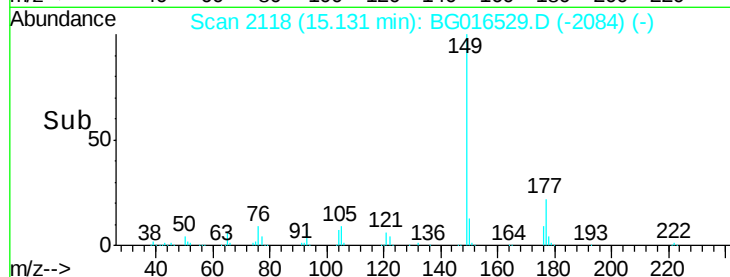
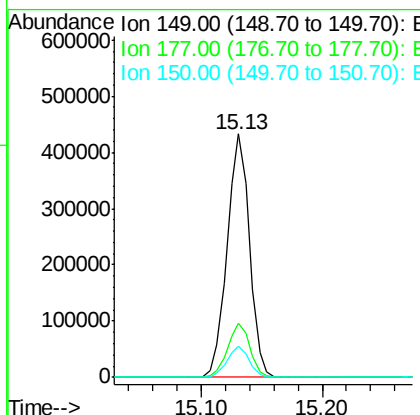
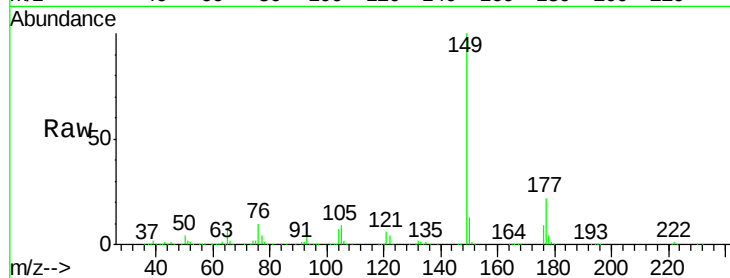
#59
Diethylphthalate
Concen: 38.17 ng
RT: 15.13 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.8	10.0	15.0

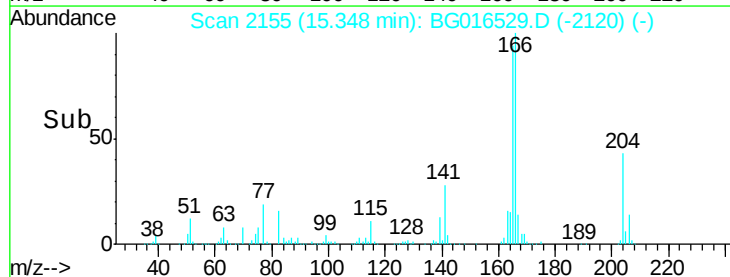
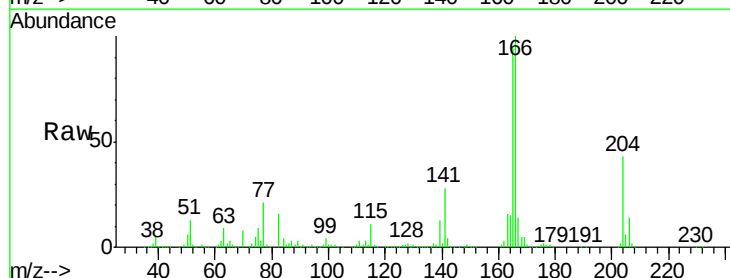
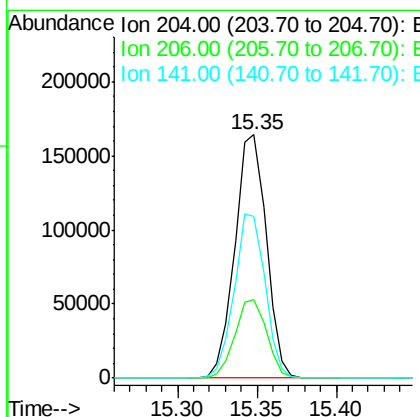
Manual Integrations
APPROVED

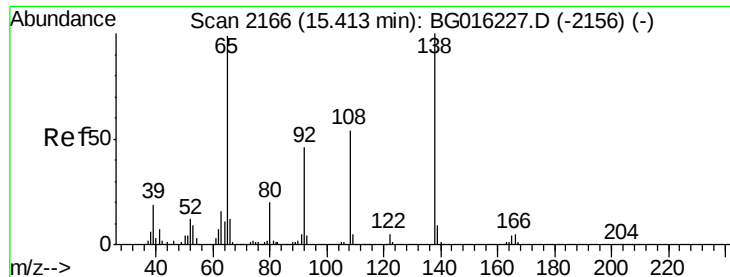
apatel
4/20/2015 3:59:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.02 ng
RT: 15.35 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.6	41.4
141	66.5	55.4	83.2





#61

4-Nitroaniline

Concen: 36.98 ng

RT: 15.38 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

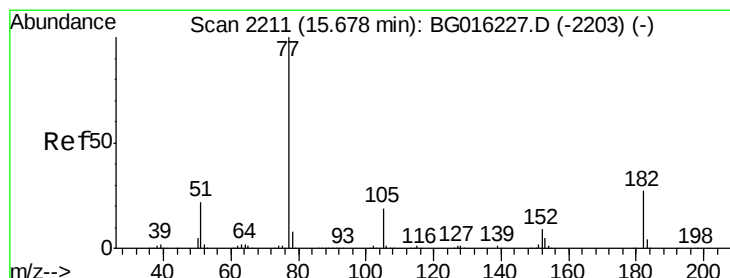
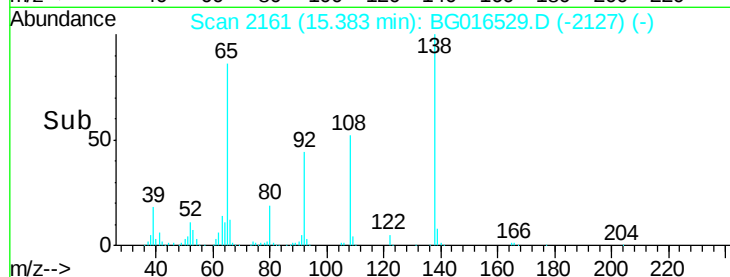
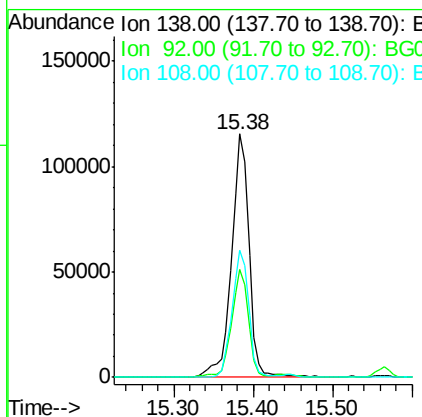
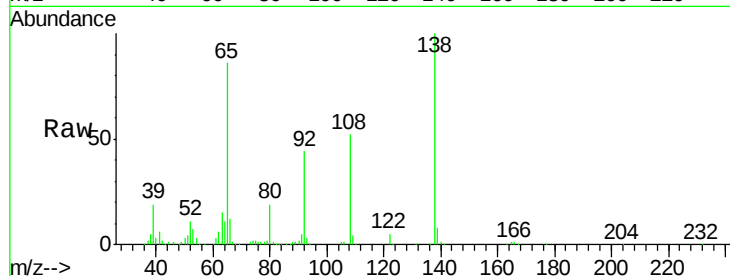
ClientSampleId :

LS-SB19BMS

Tgt Ion:	138	Resp:	177023
Ion Ratio	Lower	Upper	
138	100		
92	44.3	26.3	66.3
108	52.0	33.6	73.6

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#62

Azobenzene

Concen: 36.05 ng

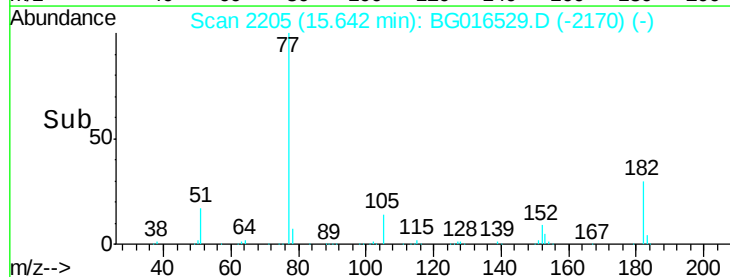
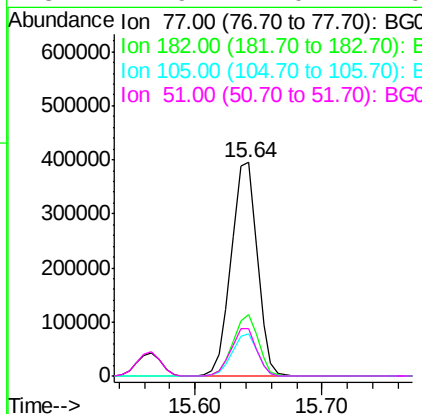
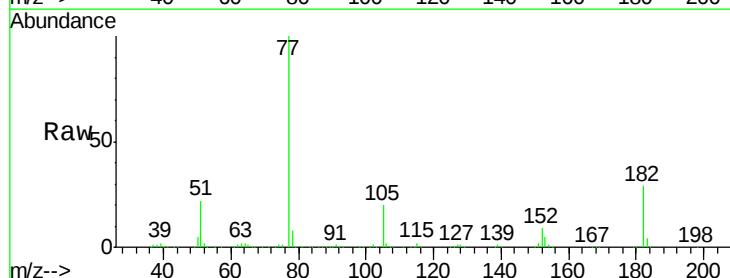
RT: 15.64 min Scan# 2205

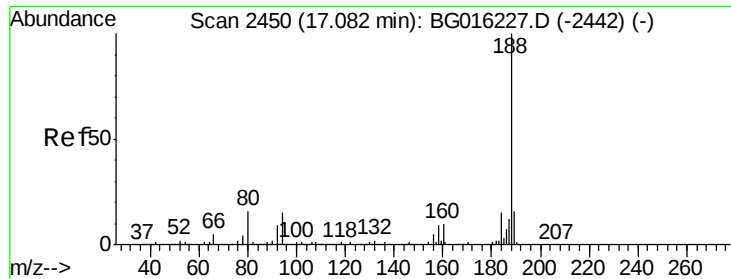
Delta R.T. 0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	77	Resp:	557696
Ion Ratio	Lower	Upper	
77	100		
182	29.1	6.6	46.6
105	19.9	0.0	39.2
51	21.9	2.0	42.0





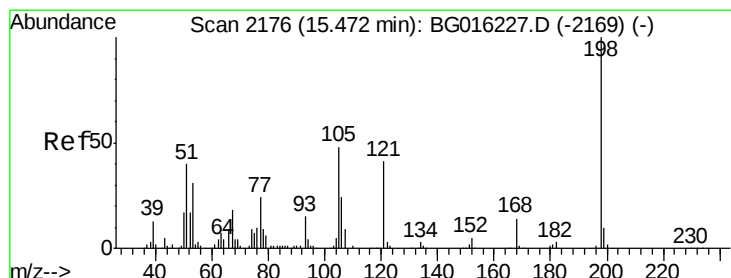
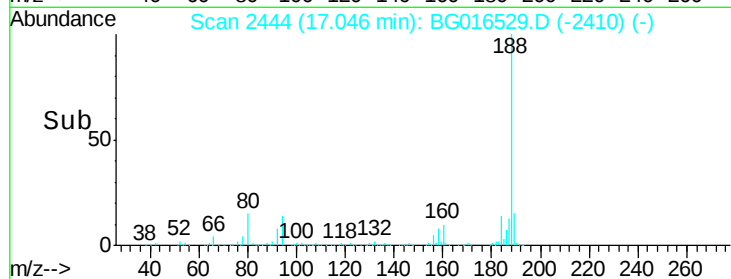
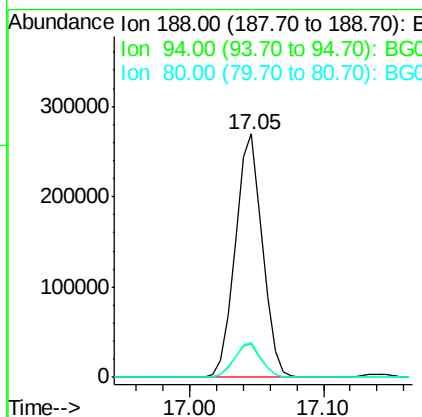
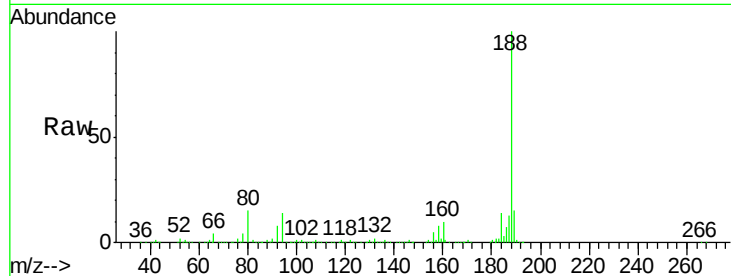
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	377674		
94	13.6	12.2	18.4	
80	14.6	12.8	19.2	

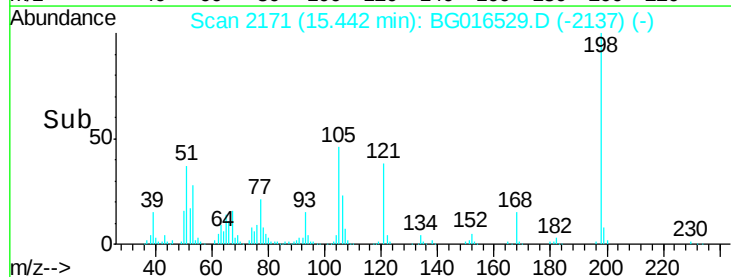
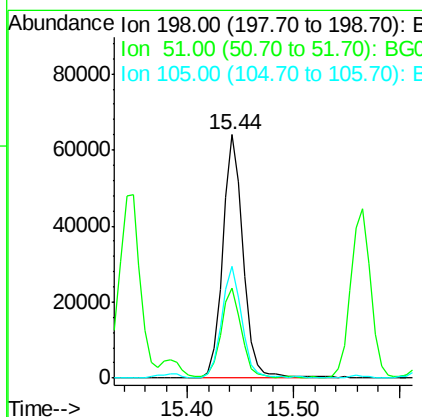
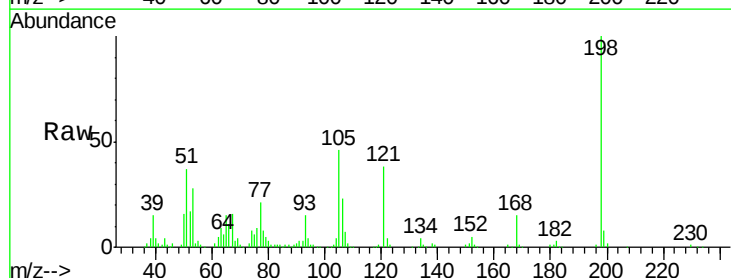
Manual Integrations
APPROVED

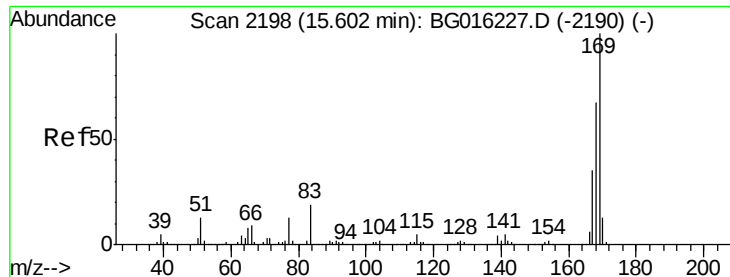
apatel
4/20/2015 3:59:46 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 33.60 ng
RT: 15.44 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	85933		
51	37.0	20.7	60.7	
105	45.8	28.8	68.8	





#65

n-Nitrosodiphenylamine

Concen: 39.24 ng

RT: 15.57 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG016529.D

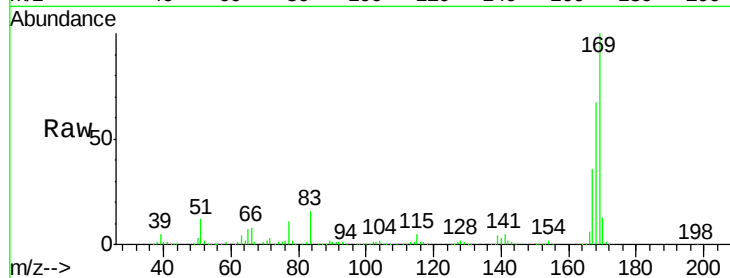
Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

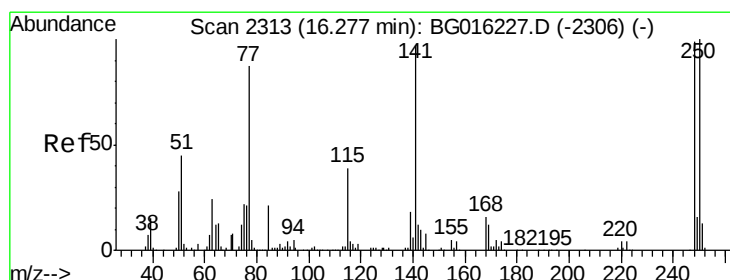
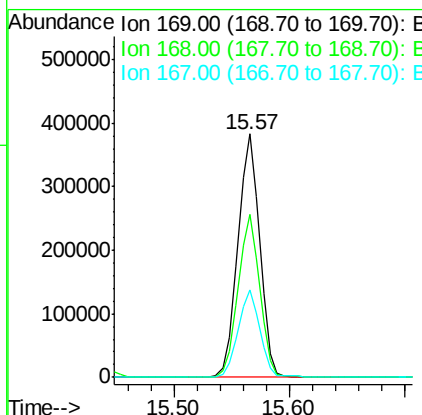
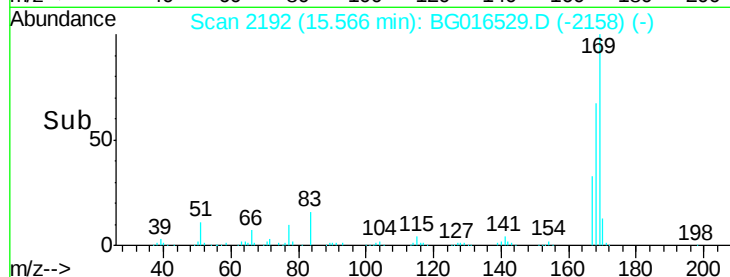
LS-SB19BMS



Tgt Ion:	169	Resp:	501040
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.4	80.0
167	35.8	28.3	42.5

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#66

4-Bromophenyl-phenylether

Concen: 38.80 ng

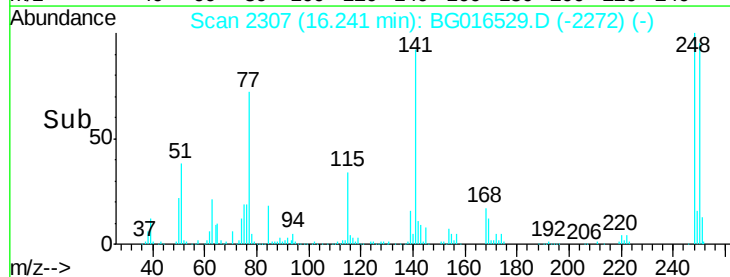
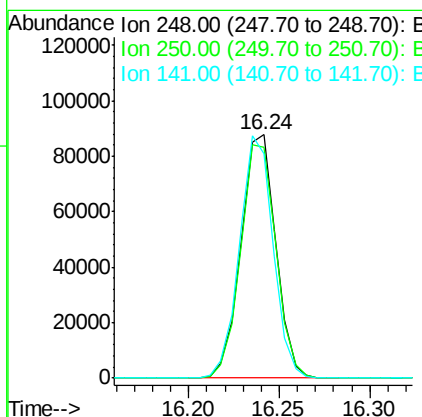
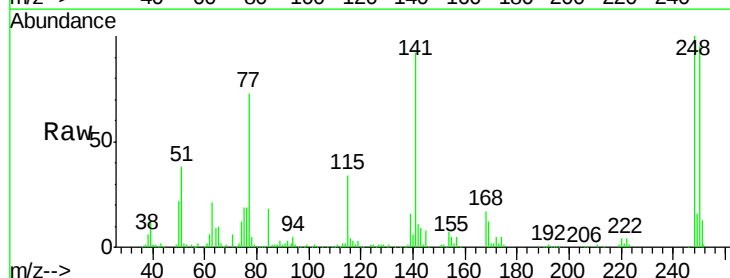
RT: 16.24 min Scan# 2307

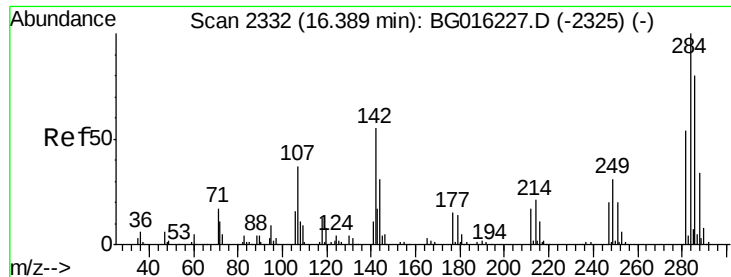
Delta R.T. 0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	248	Resp:	116995
Ion Ratio	Lower	Upper	
248	100		
250	94.7	80.5	120.7
141	92.0	78.2	117.4





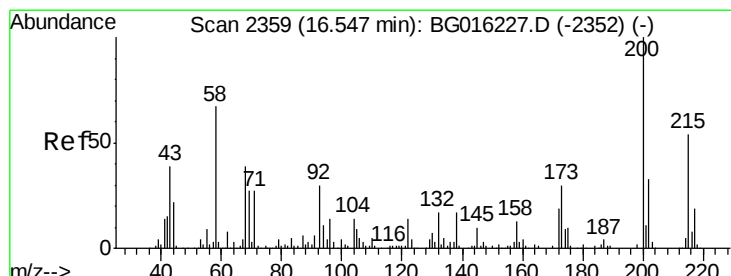
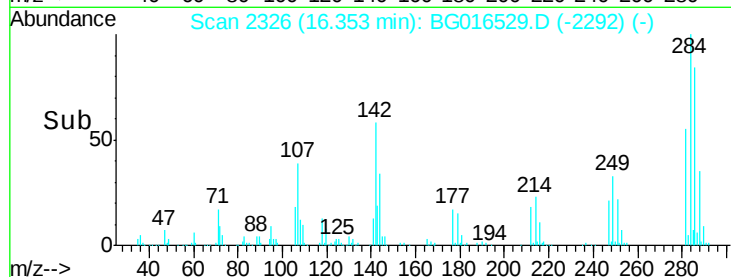
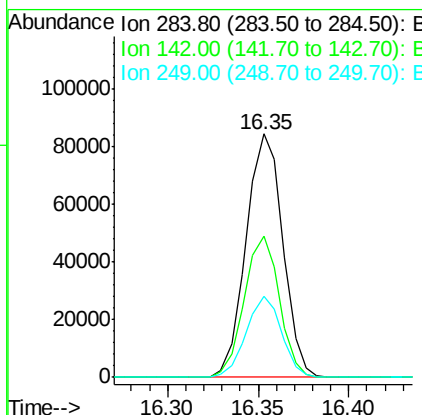
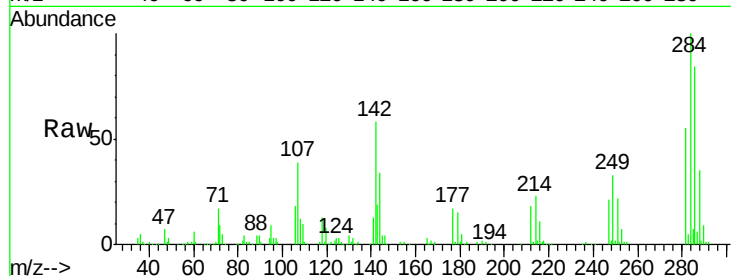
#67
Hexachlorobenzene
Concen: 37.82 ng
RT: 16.35 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	118543		
142	57.9	44.2	66.2	
249	33.2	24.8	37.2	

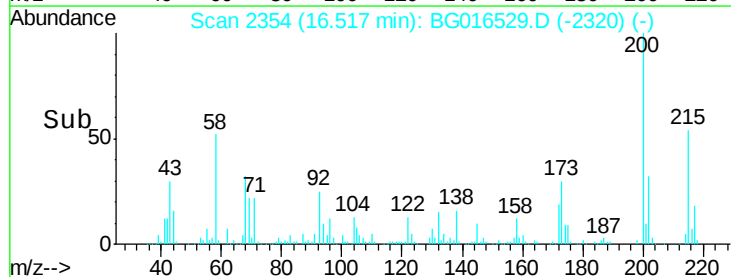
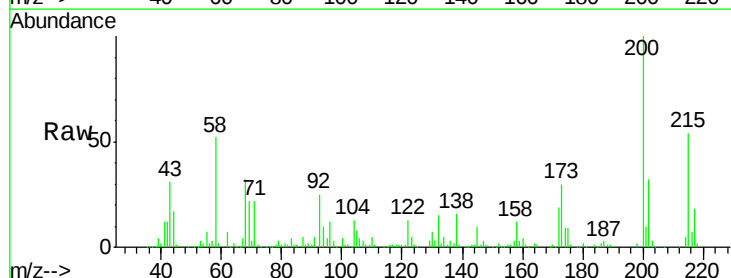
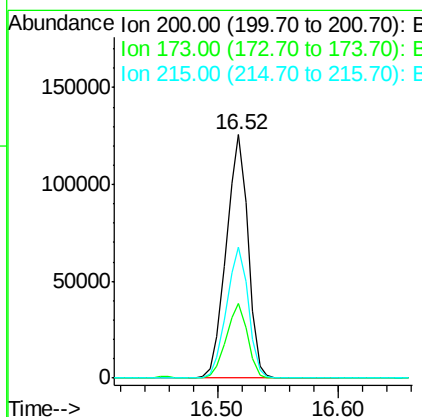
Manual Integrations
APPROVED

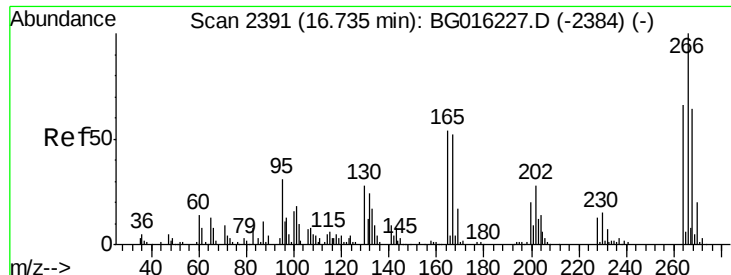
apatel
4/20/2015 3:59:46 PM



#68
Atrazine
Concen: 44.21 ng
RT: 16.52 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	157301		
173	30.4	10.2	50.2	
215	54.0	34.4	74.4	





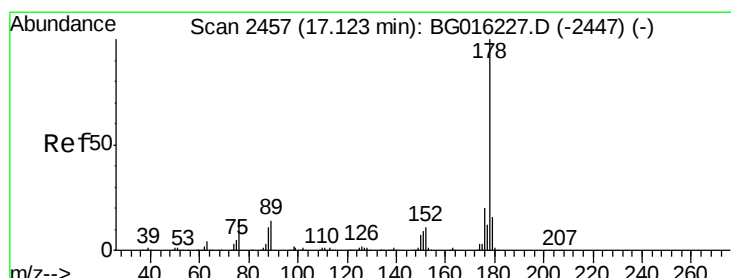
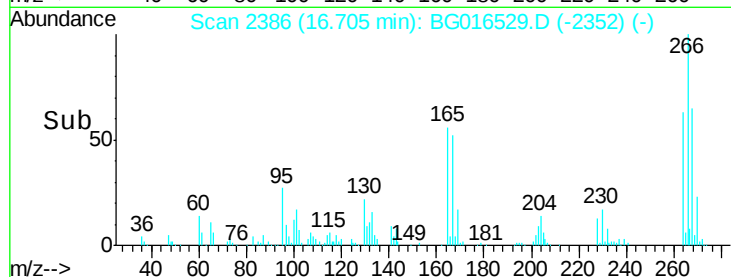
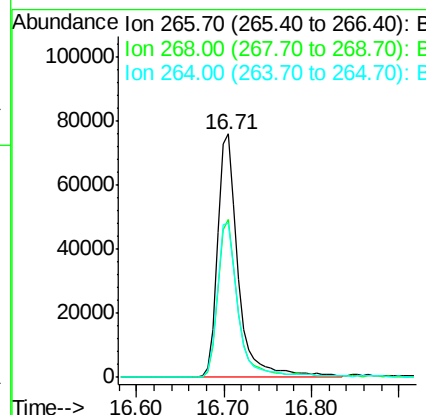
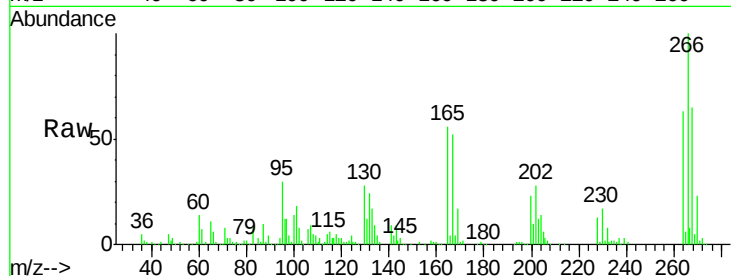
#69
 Pentachlorophenol
 Concen: 65.17 ng
 RT: 16.71 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	124716		
268	64.8	50.9	76.3	
264	63.3	52.8	79.2	

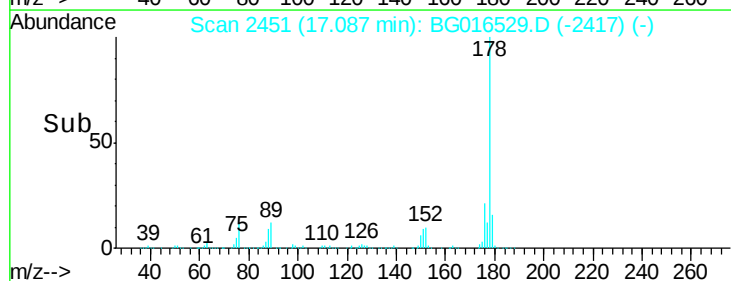
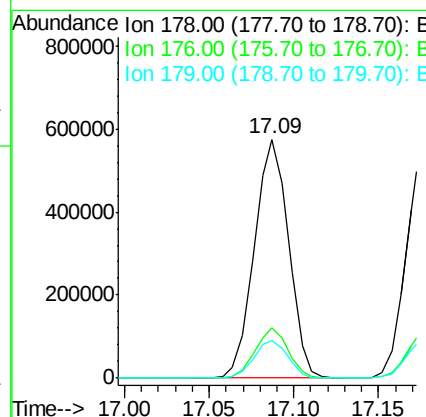
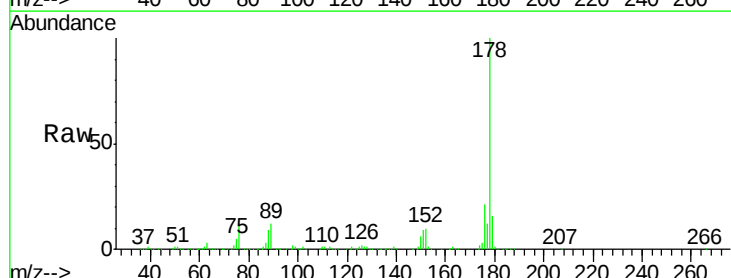
Manual Integrations
 APPROVED

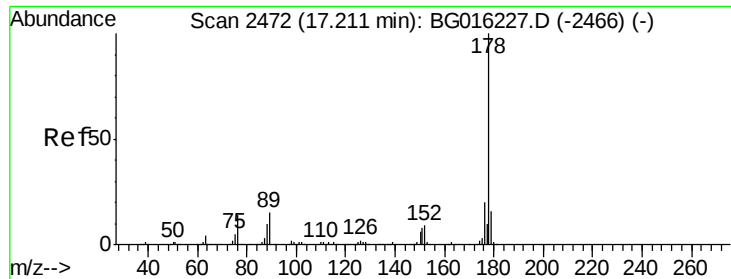
apatel
 4/20/2015 3:59:46 PM



#70
 Phenanthrene
 Concen: 38.08 ng
 RT: 17.09 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	808985		
176	20.8	16.2	24.4	
179	15.8	12.7	19.1	





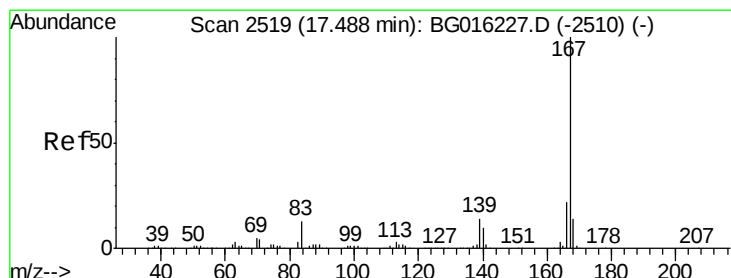
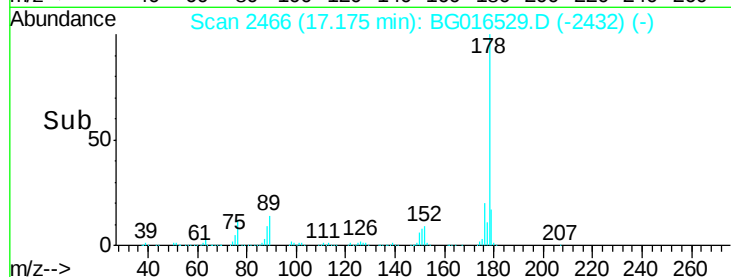
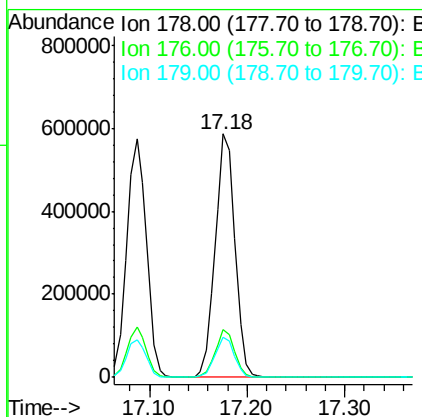
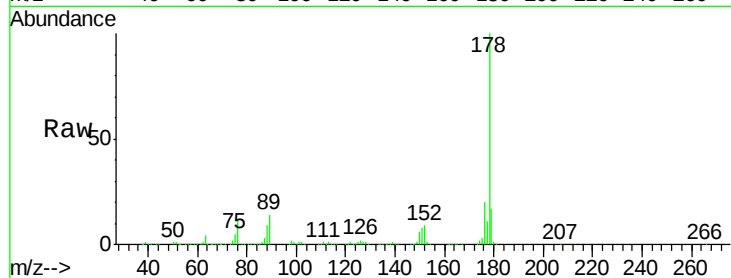
#71
 Anthracene
 Concen: 39.05 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.5	13.0	19.6

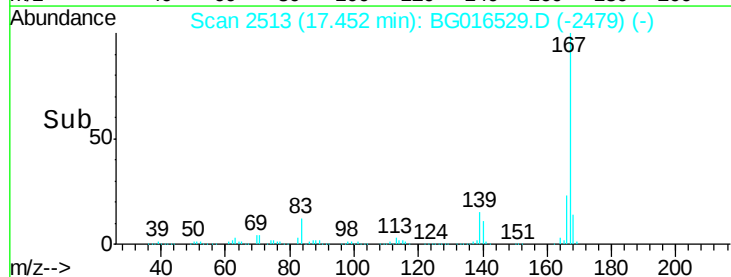
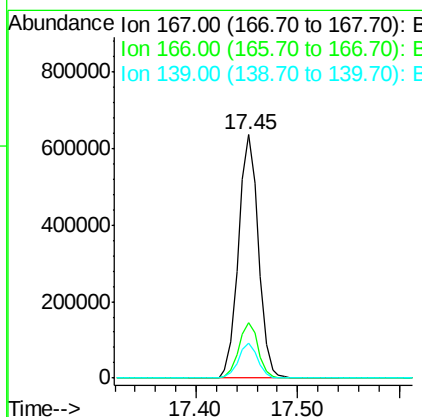
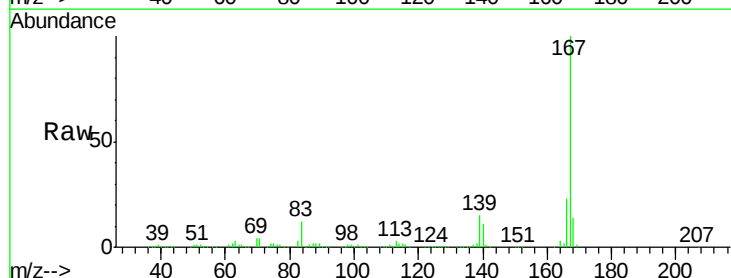
Manual Integrations
 APPROVED

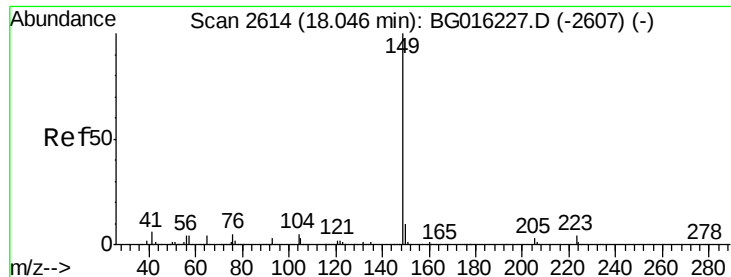
apatel
 4/20/2015 3:59:46 PM



#72
 Carbazole
 Concen: 41.09 ng
 RT: 17.45 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	14.5	11.5	17.3





#73

Di-n-butylphthalate

Concen: 38.06 ng

RT: 18.01 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

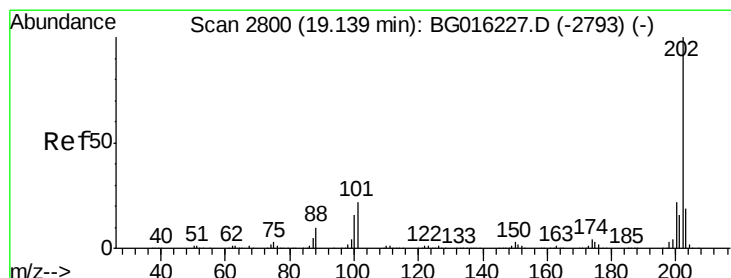
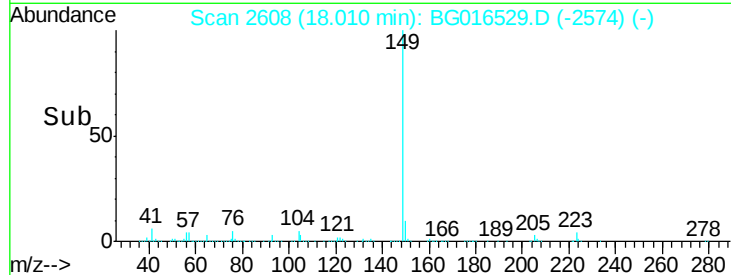
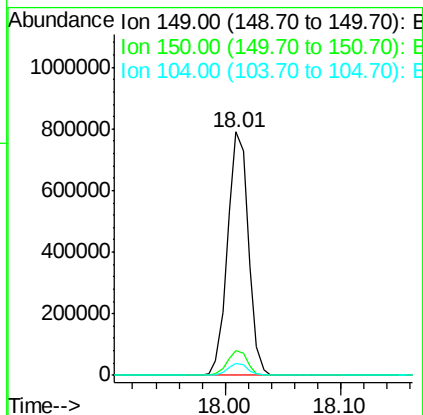
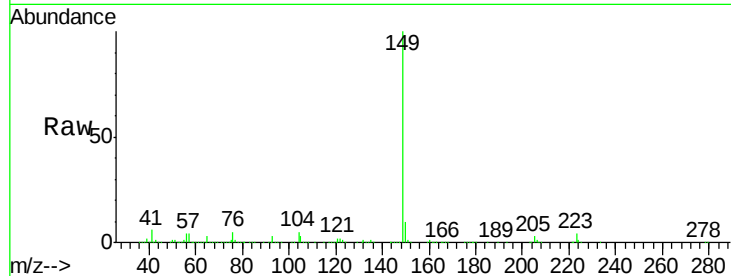
ClientSampleId :

LS-SB19BMS

Tgt Ion:	149	Resp:	984068
Ion Ratio	Lower	Upper	
149	100		
150	10.4	8.2	12.4
104	5.1	4.0	6.0

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#74

Fluoranthene

Concen: 38.40 ng

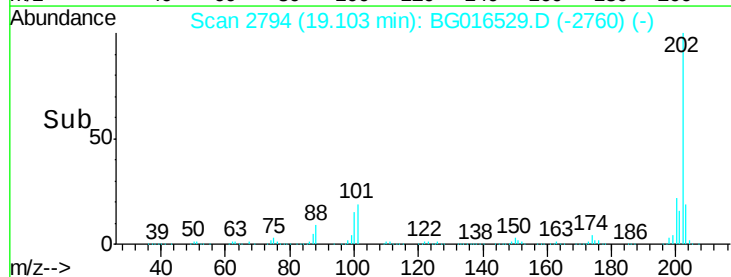
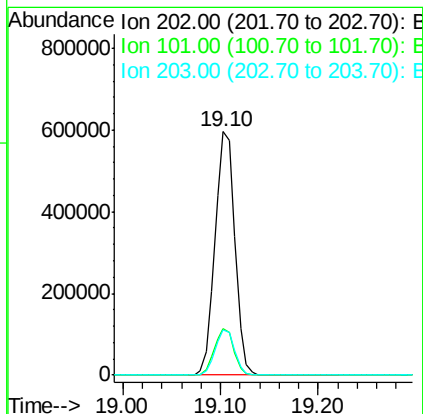
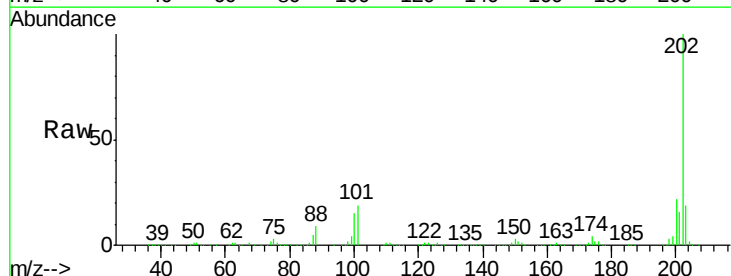
RT: 19.10 min Scan# 2794

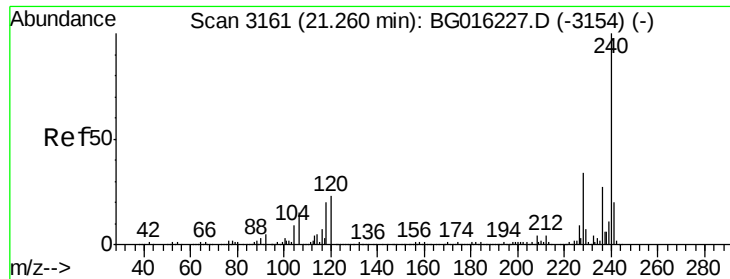
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	202	Resp:	840788
Ion Ratio	Lower	Upper	
202	100		
101	19.3	1.7	41.7
203	18.6	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

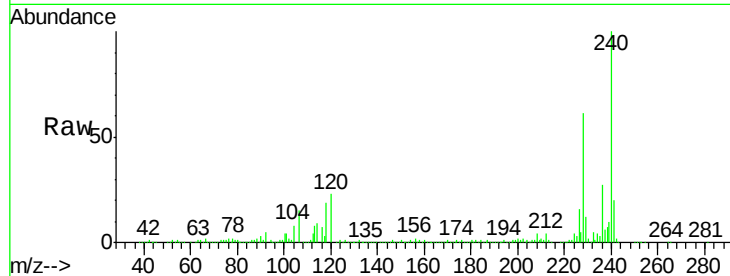
ClientSampleId :

LS-SB19BMS

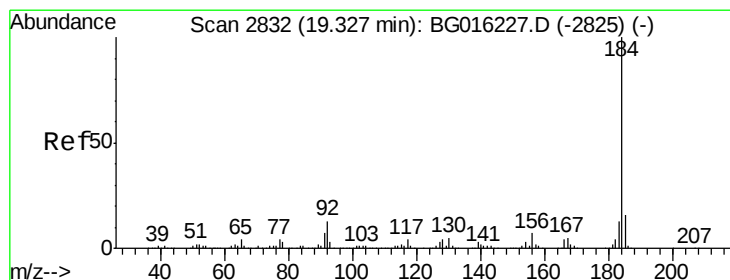
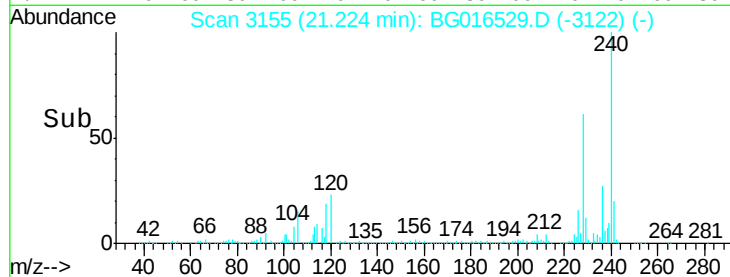
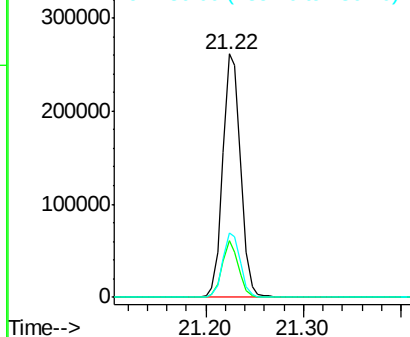
Tgt Ion:	240	Resp:	330892
Ion Ratio	Lower	Upper	
240	100		
120	23.2	18.6	28.0
236	26.7	21.7	32.5

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.13 ng

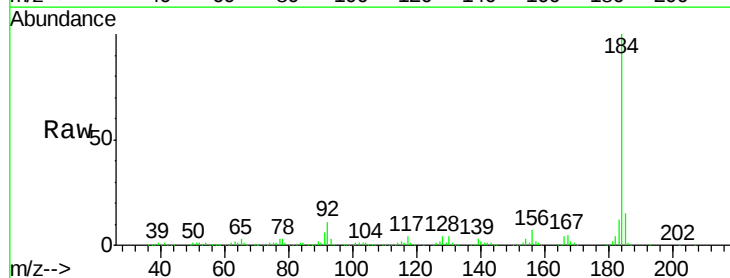
RT: 19.30 min Scan# 2827

Delta R.T. -0.00 min

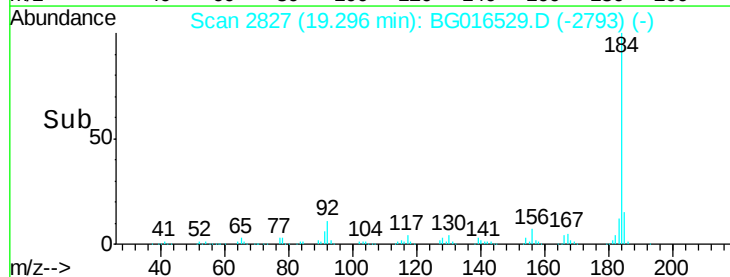
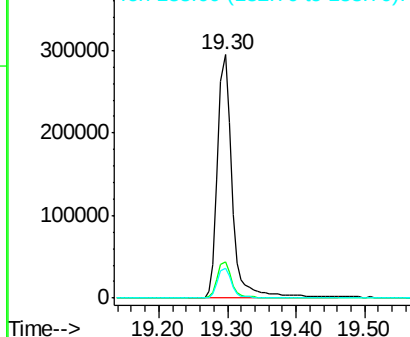
Lab File: BG016529.D

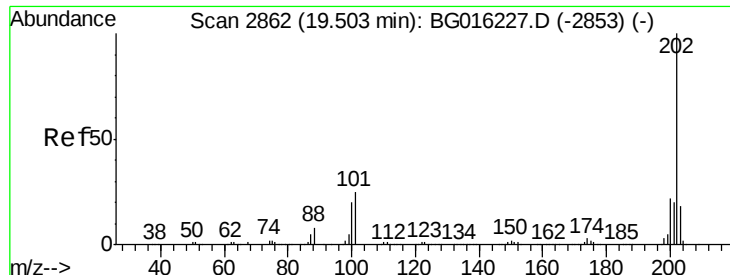
Acq: 18 Apr 2015 20:14

Tgt Ion:	184	Resp:	436806
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	19.0
183	12.2	10.4	15.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





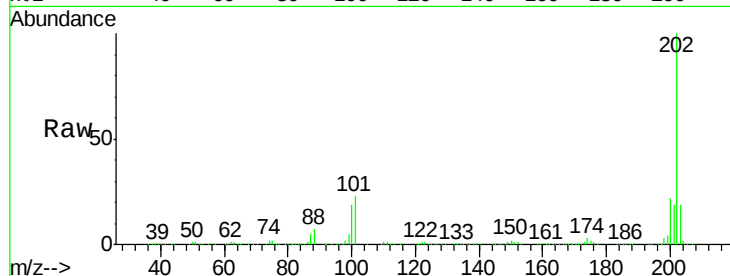
#77
 Pyrene
 Concen: 37.49 ng
 RT: 19.47 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

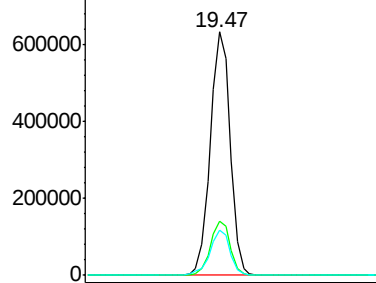
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.2	17.8	26.8
203	18.5	14.7	22.1

Manual Integrations
 APPROVED

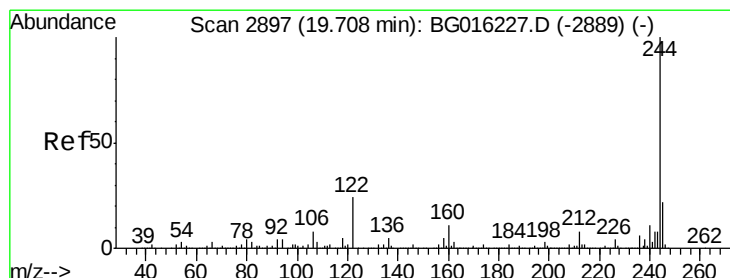
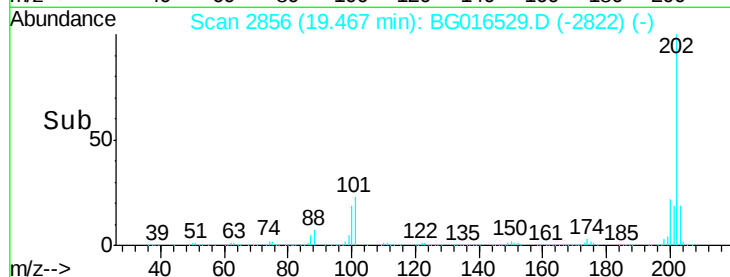
apatel
 4/20/2015 3:59:46 PM



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

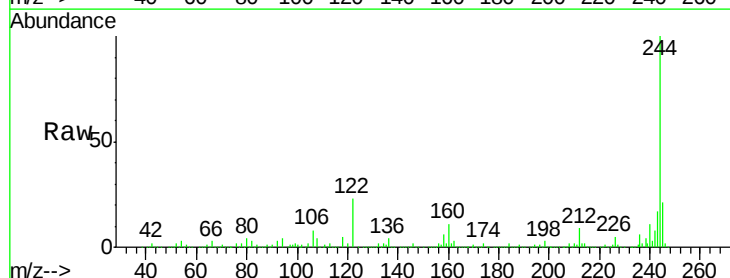


Time-->

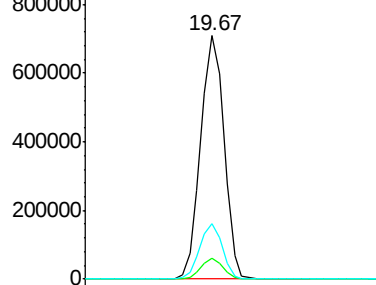


#78
 Terphenyl-d14
 Concen: 63.93 ng
 RT: 19.67 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

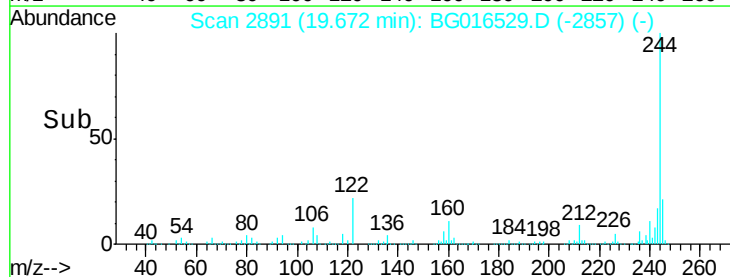
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.7	6.6	9.8
122	22.8	19.1	28.7

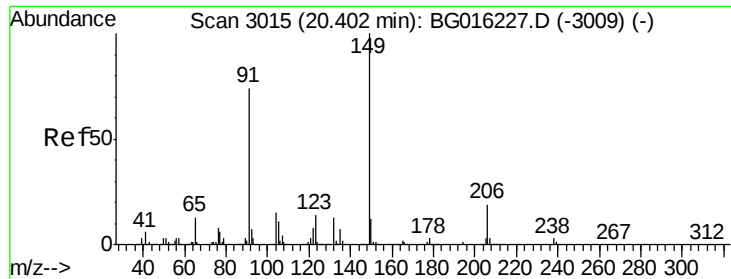


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 41.35 ng

RT: 20.37 min Scan# 3009

Delta R.T. -0.00 min

Lab File: BG016529.D

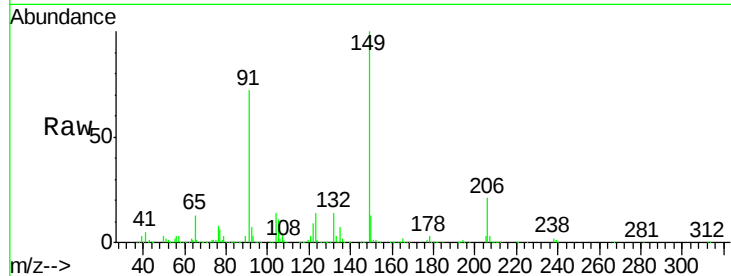
Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

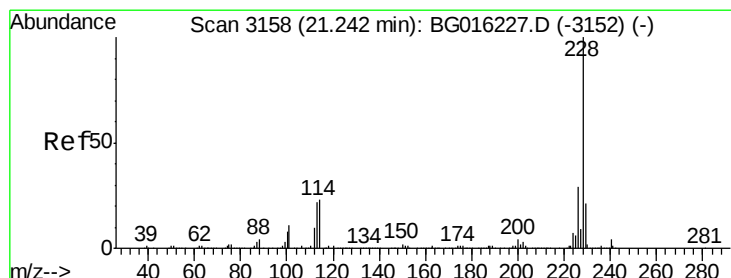
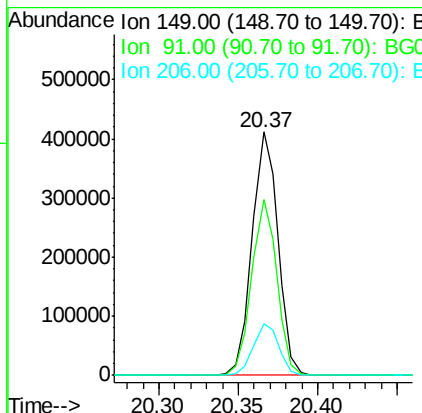
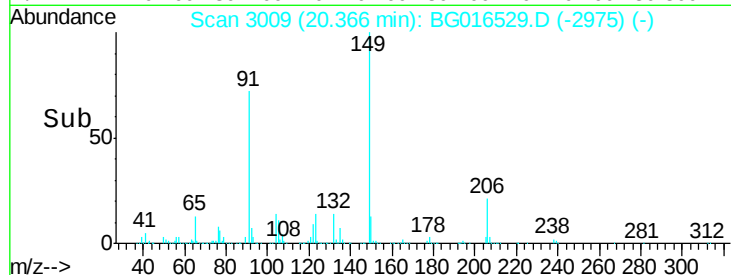
LS-SB19BMS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	468055		
91	72.3	59.4	89.2	
206	21.2	15.6	23.4	

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#80

Benzo(a)anthracene

Concen: 38.31 ng

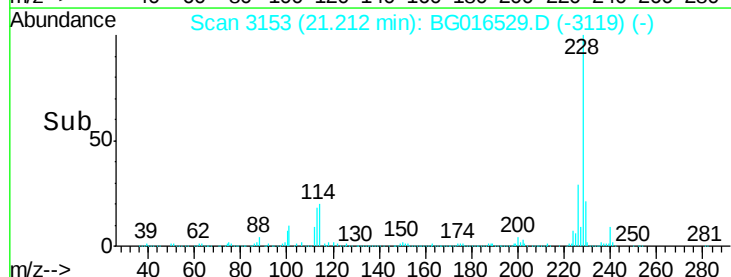
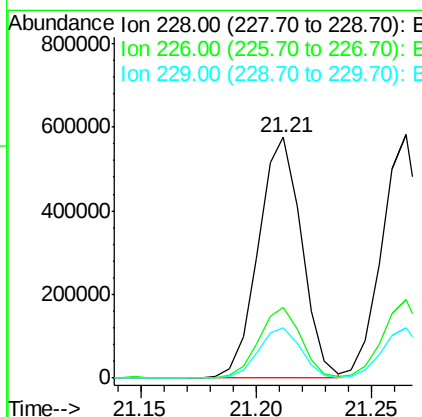
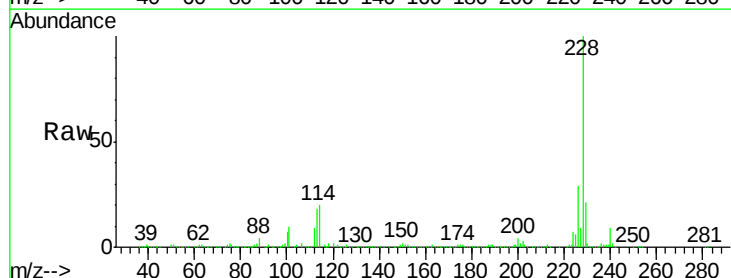
RT: 21.21 min Scan# 3153

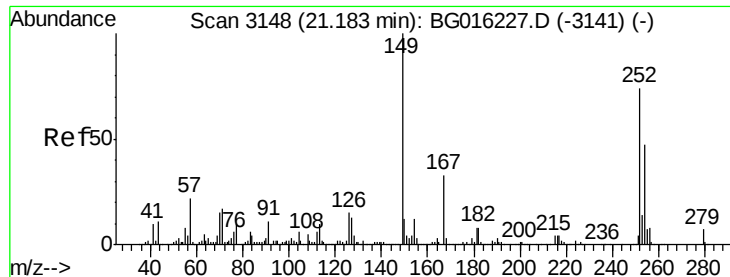
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	749208		
226	29.2	23.5	35.3	
229	20.9	16.8	25.2	





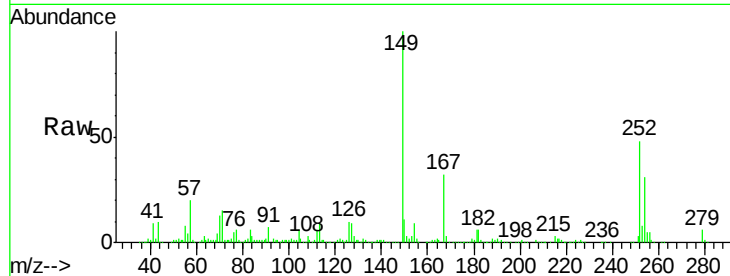
#81
 3,3'-Dichlorobenzidine
 Concen: 30.31 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	194947		
254	63.5	50.8	76.2	
126	20.6	16.0	24.0	

Manual Integrations
 APPROVED

apatel
 4/20/2015 3:59:46 PM

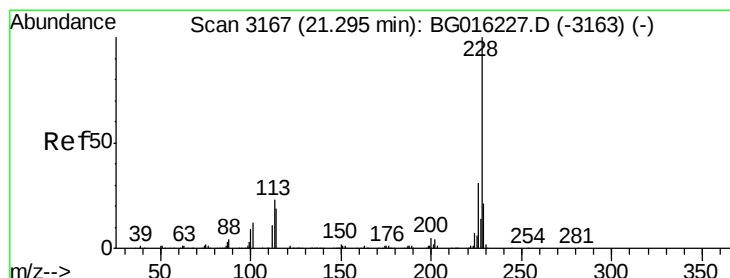
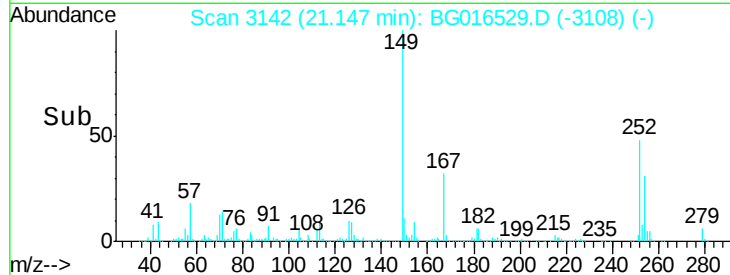
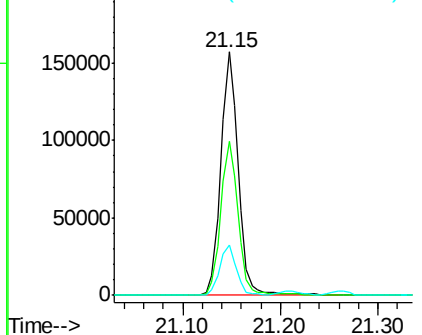


Abundance

Ion 252.00 (251.70 to 252.70): E

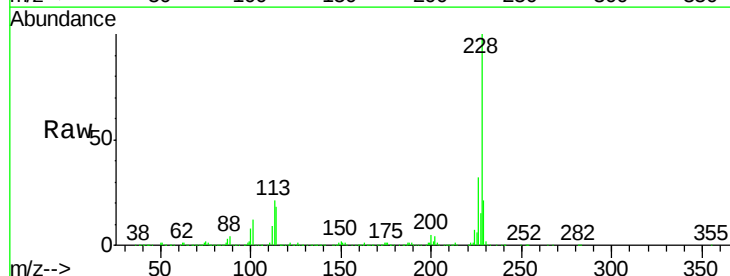
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 37.88 ng
 RT: 21.26 min Scan# 3162
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	715210		
226	32.2	25.0	37.4	
229	20.6	17.0	25.4	

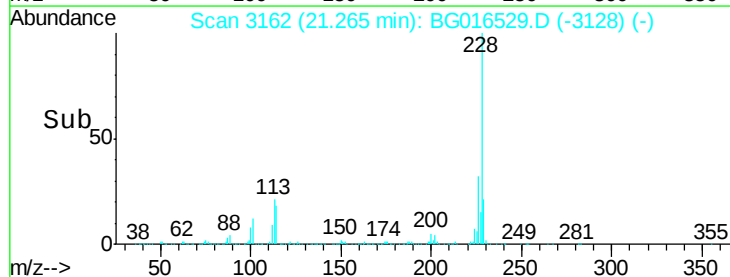
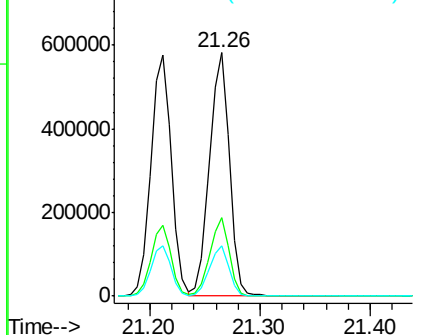


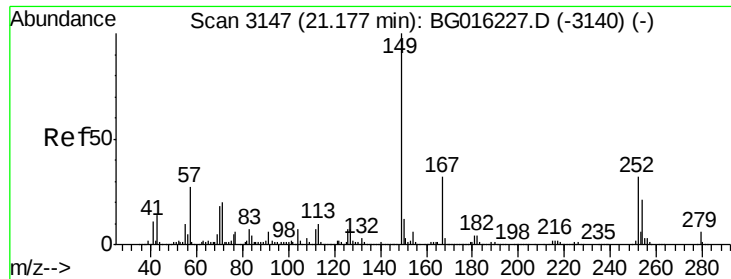
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.28 ng

RT: 21.14 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG016529.D

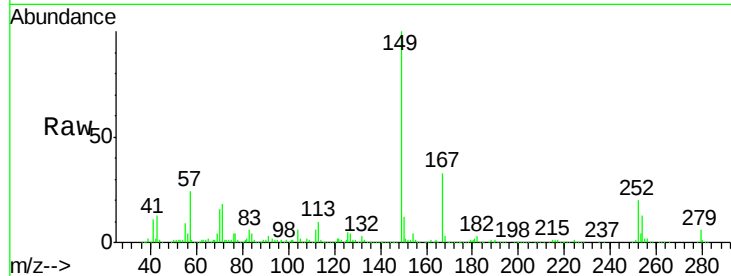
Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

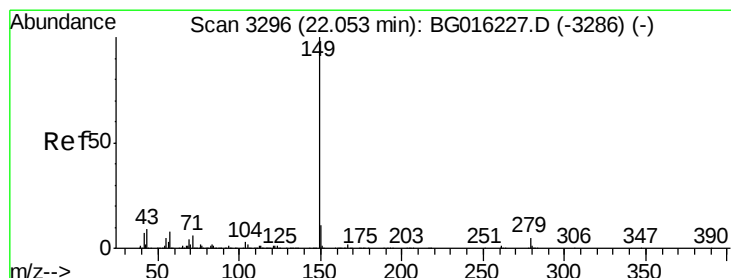
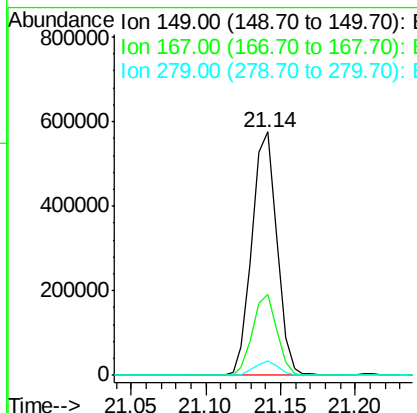
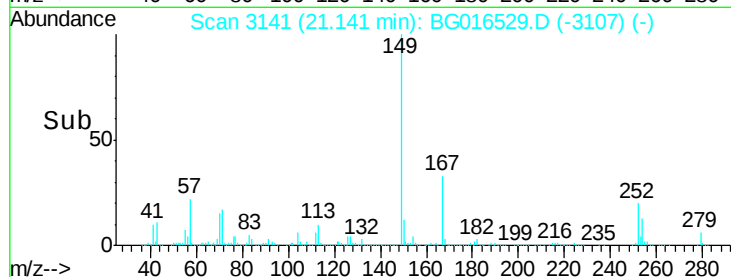
LS-SB19BMS



Tgt Ion:	149	Resp:	663325
Ion Ratio	Lower	Upper	
149	100		
167	33.2	25.8	38.6
279	5.8	4.7	7.1

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#84

Di-n-octyl phthalate

Concen: 43.70 ng

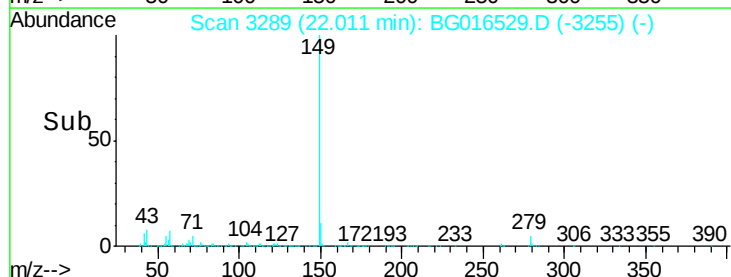
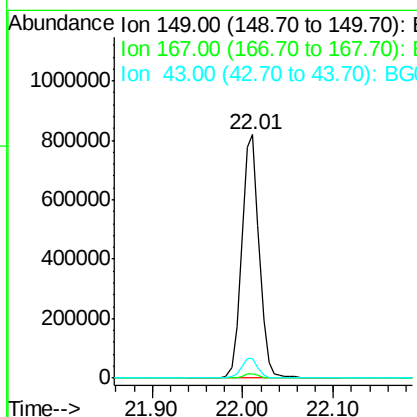
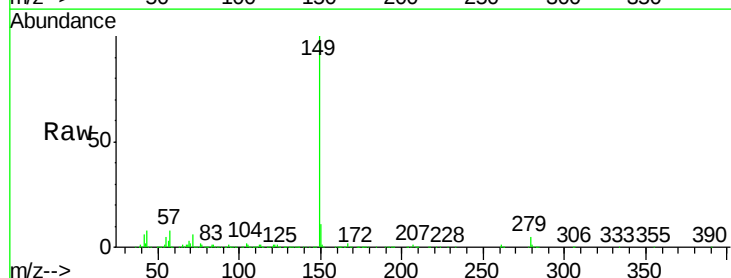
RT: 22.01 min Scan# 3289

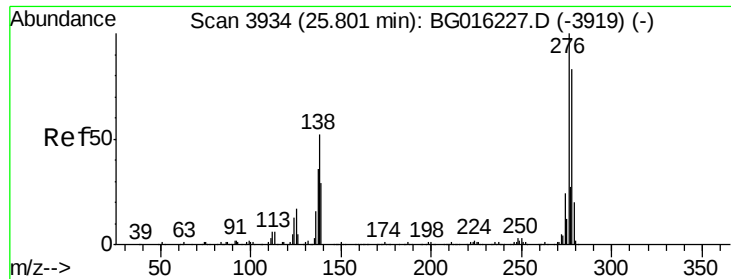
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	149	Resp:	1091161
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	7.9	7.0	10.4





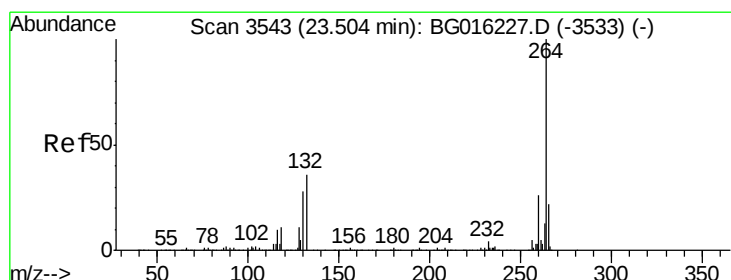
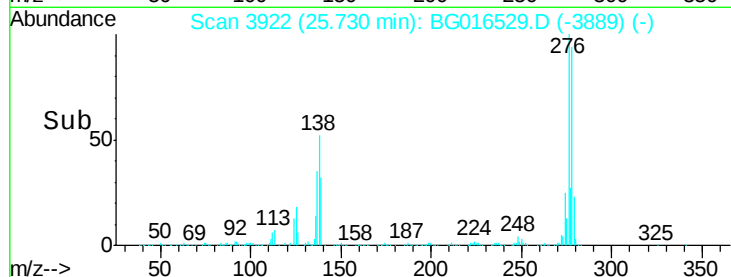
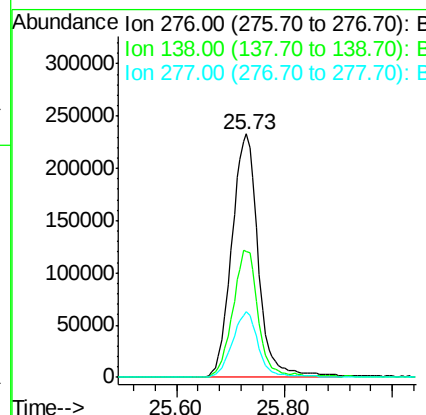
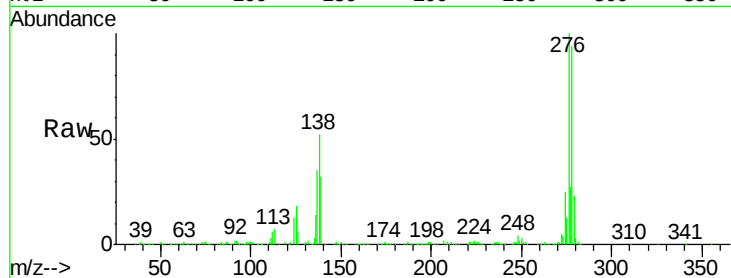
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.88 ng
 RT: 25.73 min Scan# 3922
 Delta R.T. -0.01 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	801745		
138	49.8		41.5	62.3
277	26.4		21.0	31.6

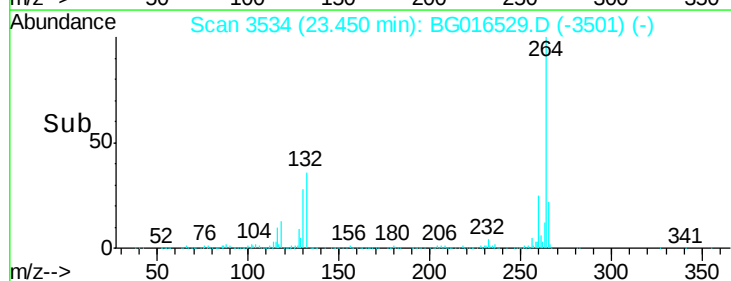
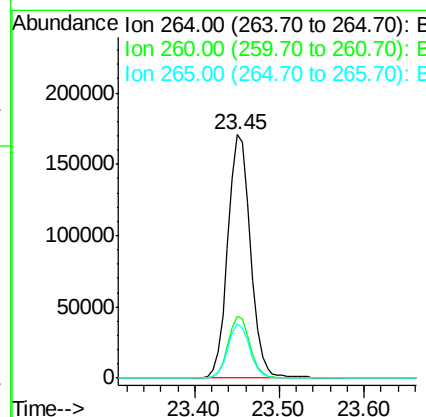
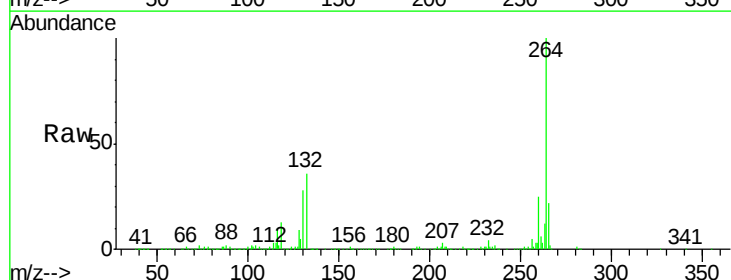
Manual Integrations
 APPROVED

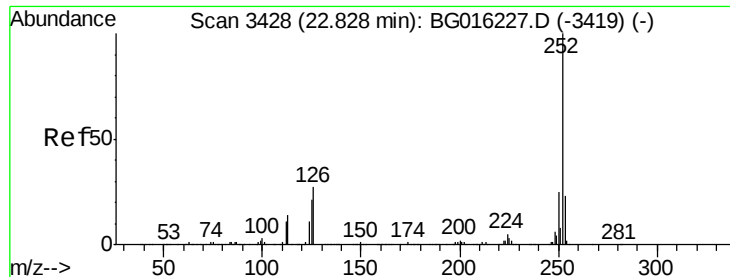
apatel
 4/20/2015 3:59:46 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.45 min Scan# 3534
 Delta R.T. -0.01 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	317161		
260	25.3		20.4	30.6
265	22.2		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.56 ng

RT: 22.78 min Scan# 3420

Delta R.T. -0.01 min

Lab File: BG016529.D

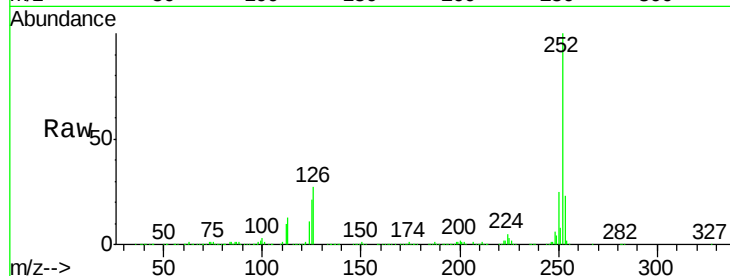
Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

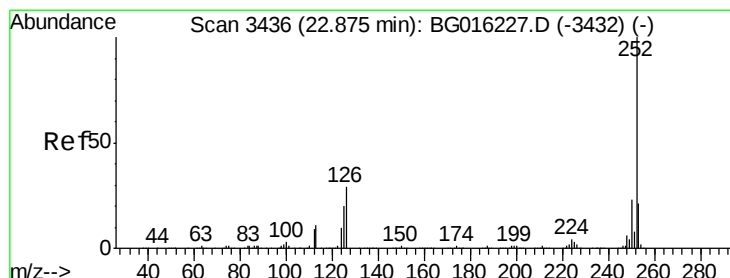
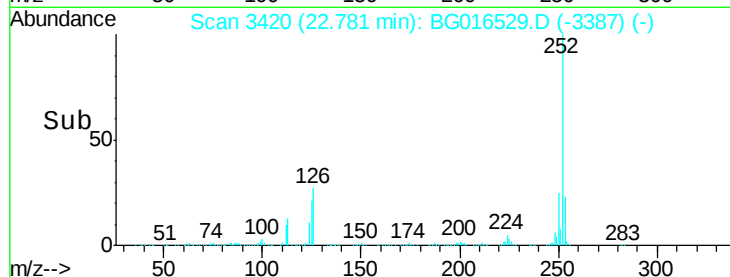
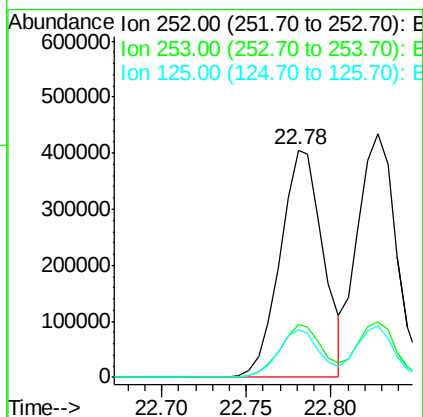
LS-SB19BMS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	21.1	17.0	25.6

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM



#88

Benzo(k)fluoranthene

Concen: 38.44 ng

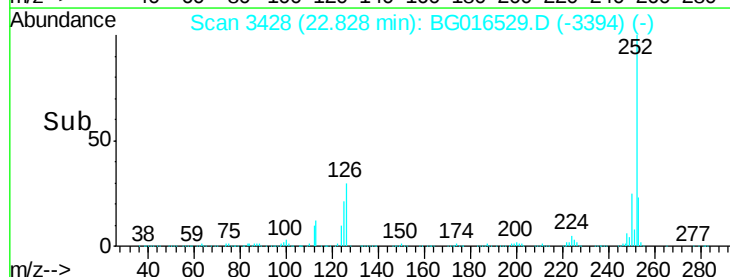
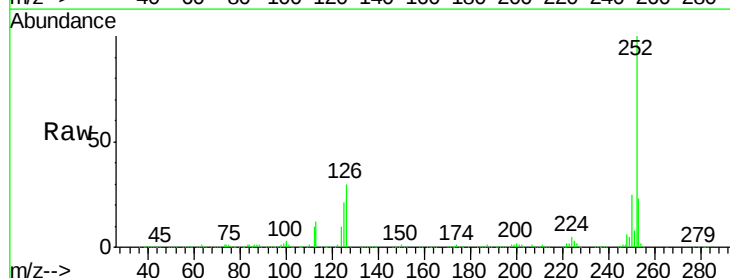
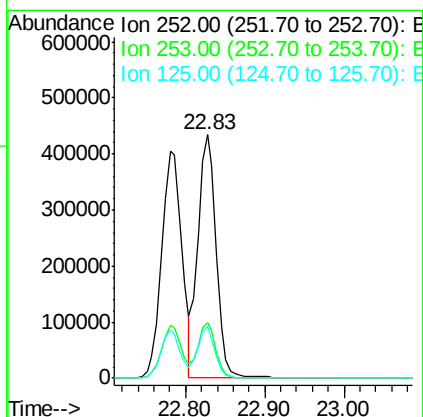
RT: 22.83 min Scan# 3428

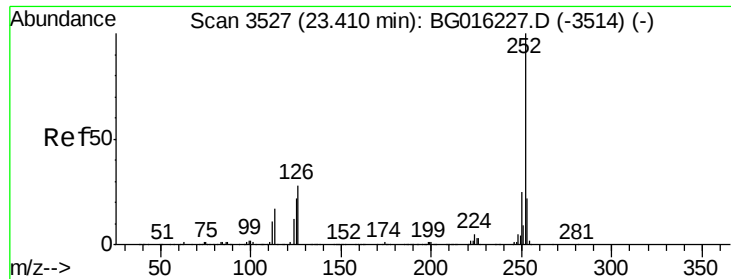
Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	21.1	16.3	24.5





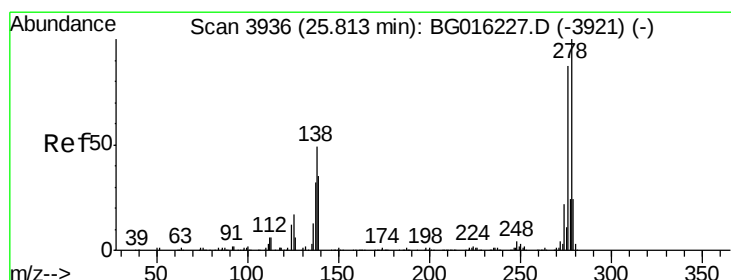
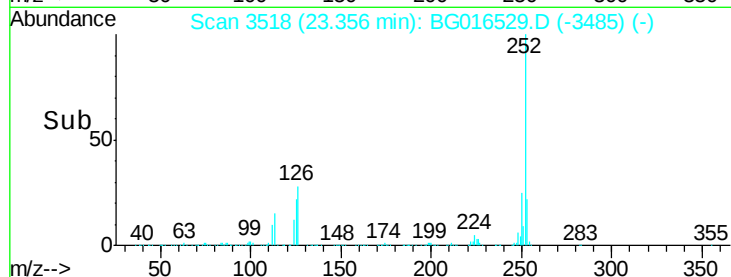
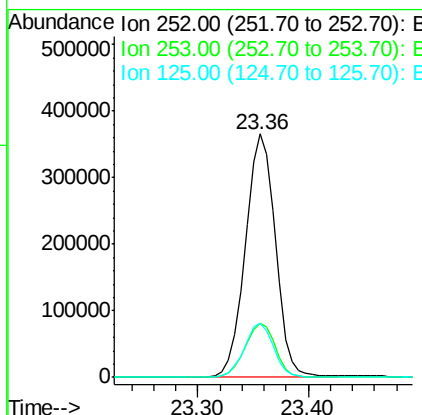
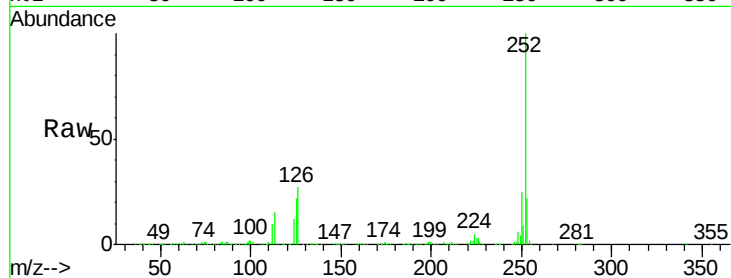
#89
Benzo(a)pyrene
Concen: 40.18 ng
RT: 23.36 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	22.0	17.6	26.4

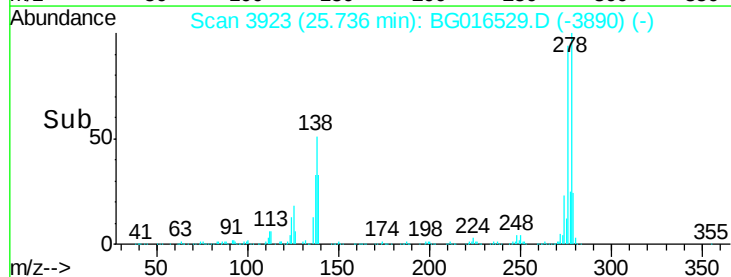
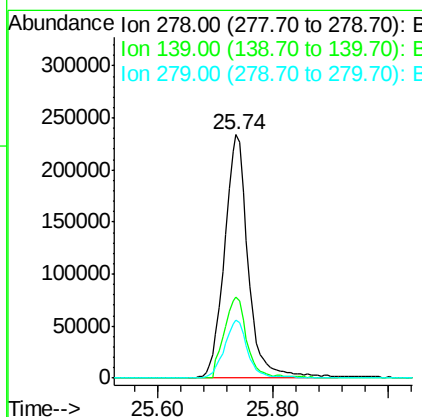
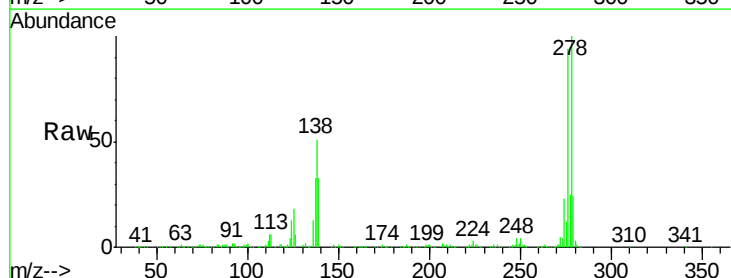
Manual Integrations
APPROVED

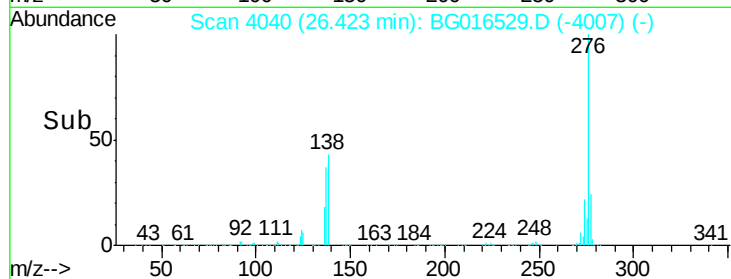
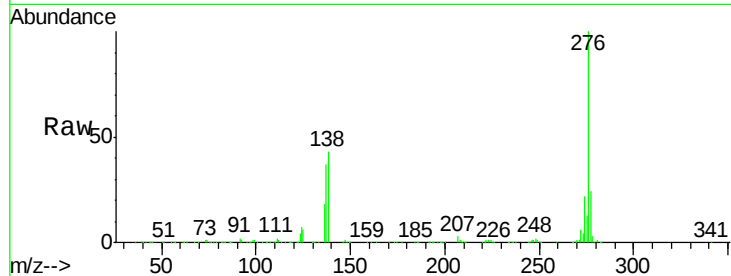
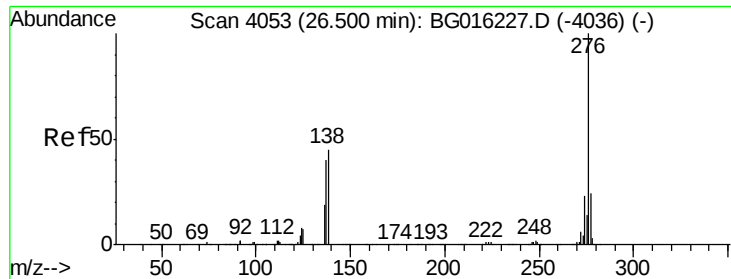
apatel
4/20/2015 3:59:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.29 ng
RT: 25.74 min Scan# 3923
Delta R.T. -0.01 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.1	27.9	41.9
279	23.9	19.5	29.3





#91

Benzo(g,h,i)perylene

Concen: 39.40 ng

RT: 26.42 min Scan# 4040

Delta R.T. -0.01 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Tgt Ion:	276	Resp:	666671
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.5	29.3
138	43.1	35.7	53.5

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

Manual Integrations
APPROVED

apatel
4/20/2015 3:59:46 PM

