

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016417.D
 Acq On : 15 Apr 2015 11:47
 Operator : TP/IZ
 Sample : G1822-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:05 PM

Quant Time: Apr 16 03:29:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	93375	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	440510	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	261769	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	548466	20.00	ng	0.00
75) Chrysene-d12	21.23	240	463484	20.00	ng	0.00
86) Perylene-d12	23.46	264	422230	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	605197	102.29	ng	0.00
7) Phenol-d6	6.85	99	879477	99.02	ng	0.00
23) Nitrobenzene-d5	8.83	82	457358	60.15	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	178827	101.01	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	935436	60.84	ng	0.00
78) Terphenyl-d14	19.68	244	1109202	56.01	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	65224	24.25	ng	99
3) Pyridine	3.53	79	185166	23.04	ng	96
4) n-Nitrosodimethylamine	3.45	42	65598	27.45	ng	97
6) Aniline	7.00	93	260943	20.57	ng	98
8) 2-Chlorophenol	7.24	128	240652	33.87	ng	96
9) Benzaldehyde	6.81	77	67599	12.99	ng	98
10) Phenol	6.88	94	338270	35.60	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	218484	28.83	ng	98
12) 1,3-Dichlorobenzene	7.55	146	212093	29.56	ng	98
13) 1,4-Dichlorobenzene	7.70	146	221594	29.77	ng	96
14) 1,2-Dichlorobenzene	8.02	146	210980	29.64	ng	98
15) Benzyl Alcohol	7.91	79	186510	30.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	234902	27.52	ng	97
17) 2-Methylphenol	8.12	107	209399	32.86	ng	98
18) Hexachloroethane	8.74	117	79641	27.97	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	170583	26.81	ng	98
20) 3+4-Methylphenols	8.45	107	288241	32.66	ng	99
22) Acetophenone	8.49	105	315096	30.85	ng	# 99
24) Nitrobenzene	8.87	77	235621	28.98	ng	94
25) Isophorone	9.39	82	470965	27.89	ng	98
26) 2-Nitrophenol	9.57	139	135535	35.74	ng	99
27) 2,4-Dimethylphenol	9.64	122	232453	32.91	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	289453	30.03	ng	99
29) 2,4-Dichlorophenol	10.11	162	204880	36.66	ng	96
30) 1,2,4-Trichlorobenzene	10.32	180	185581	31.80	ng	99
31) Naphthalene	10.50	128	698157	30.41	ng	99
32) Benzoic acid	9.74	122	42740	16.32	ng	93
33) 4-Chloroaniline	10.62	127	248565	23.08	ng	97
34) Hexachlorobutadiene	10.79	225	80309	31.33	ng	99
35) Caprolactam	11.38	113	113501m	32.26	ng	
36) 4-Chloro-3-methylphenol	11.76	107	248525	33.66	ng	97
37) 2-Methylnaphthalene	12.12	142	511456	30.97	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	174907	30.35	ng	100
40) Hexachlorocyclopentadiene	12.47	237	140448	53.24	ng	100

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016417.D
 Acq On : 15 Apr 2015 11:47
 Operator : TP/IZ
 Sample : G1822-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:05 PM

Quant Time: Apr 16 03:29:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	142635	33.31	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	157938	34.52	ng	94
45) 1,1'-Biphenyl	13.14	154	626030	31.18	ng	99
46) 2-Chloronaphthalene	13.18	162	466517	30.50	ng	100
47) 2-Nitroaniline	13.39	65	154122	31.26	ng	94
48) Acenaphthylene	14.03	152	797715	29.33	ng	99
49) Dimethylphthalate	13.77	163	707033	36.85	ng	100
50) 2,6-Dinitrotoluene	13.90	165	149050	32.12	ng	93
51) Acenaphthene	14.37	154	489995	30.15	ng	99
52) 3-Nitroaniline	14.23	138	161391	27.24	ng	93
53) 2,4-Dinitrophenol	14.43	184	157040	60.71	ng	94
54) Dibenzofuran	14.71	168	701962	31.12	ng	99
55) 4-Nitrophenol	14.55	139	321861	65.72	ng	98
56) 2,4-Dinitrotoluene	14.69	165	207365	32.81	ng	92
57) Fluorene	15.36	166	615847	30.95	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.94	232	122220	34.61	ng	93
59) Diethylphthalate	15.14	149	617210	30.22	ng	100
60) 4-Chlorophenyl-phenylether	15.36	204	252112	30.97	ng	98
61) 4-Nitroaniline	15.39	138	203524	30.26	ng	98
62) Azobenzene	15.65	77	773686	35.60	ng	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	114839	31.23	ng	93
65) n-Nitrosodiphenylamine	15.57	169	554654	29.91	ng	100
66) 4-Bromophenyl-phenylether	16.25	248	133523	30.49	ng	97
67) Hexachlorobenzene	16.36	284	135183	29.70	ng	98
68) Atrazine	16.52	200	172717	33.42	ng	99
69) Pentachlorophenol	16.71	266	164867	59.32	ng	98
70) Phenanthrene	17.09	178	928392	30.09	ng	99
71) Anthracene	17.18	178	915775	29.96	ng	99
72) Carbazole	17.46	167	963421	31.40	ng	99
73) Di-n-butylphthalate	18.02	149	1132387	30.16	ng	100
74) Fluoranthene	19.12	202	983638	30.94	ng	97
76) Benzidine	19.30	184	361223	18.38	ng	98
77) Pyrene	19.47	202	1022563	31.68	ng	99
79) Butylbenzylphthalate	20.38	149	528678	33.34	ng	95
80) Benzo(a)anthracene	21.22	228	838839	30.62	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	254878	28.29	ng	98
82) Chrysene	21.27	228	796715	30.13	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	712132	33.18	ng	97
84) Di-n-octyl phthalate	22.02	149	1170969	33.48	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	859563	31.29	ng	99
87) Benzo(b)fluoranthene	22.79	252	817162	33.04	ng	98
88) Benzo(k)fluoranthene	22.83	252	731524	30.23	ng	99
89) Benzo(a)pyrene	23.37	252	759167	32.76	ng	99
90) Dibenzo(a,h)anthracene	25.75	278	711706	31.56	ng	98
91) Benzo(g,h,i)perylene	26.44	276	722179	32.06	ng	98

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

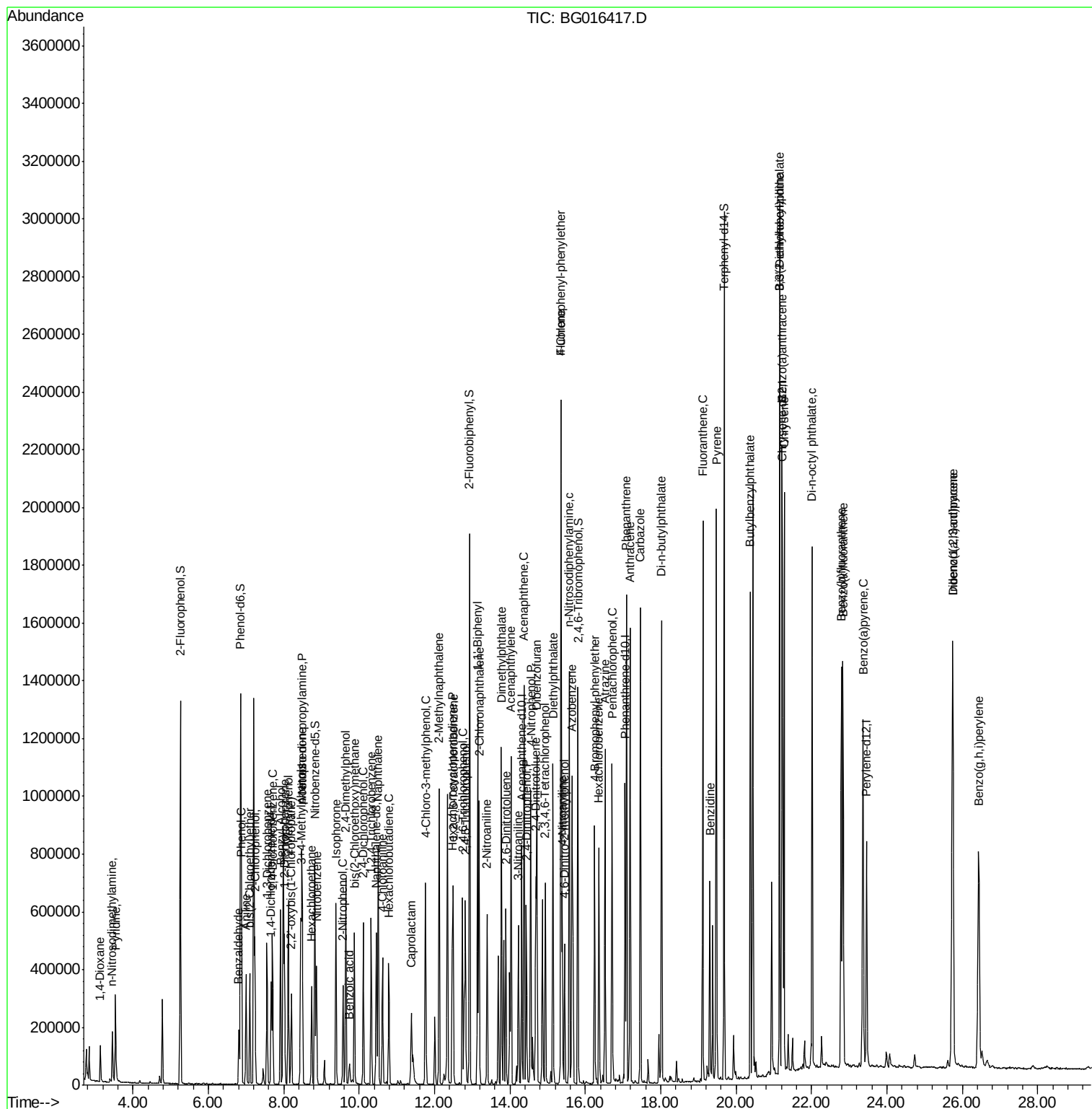
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016417.D
 Acq On : 15 Apr 2015 11:47
 Operator : TP/IZ
 Sample : G1822-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

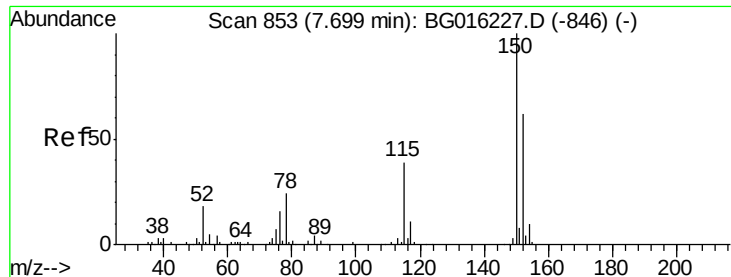
Instrument :
 BNA_G
 ClientSampled :
 FS-025MSD

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:05 PM

Quant Time: Apr 16 03:29:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

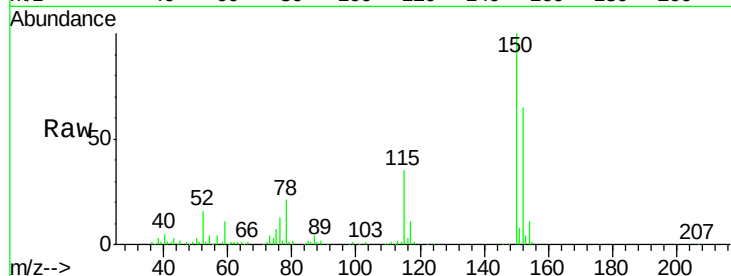
ClientSampleId :

FS-025MSD

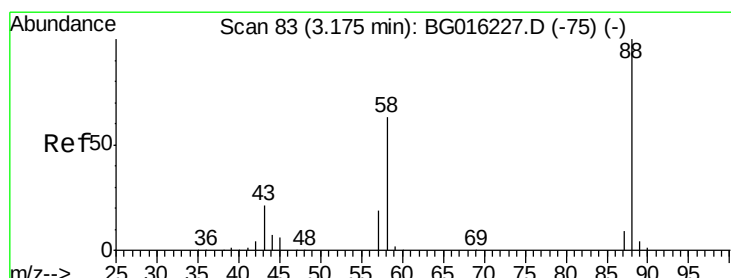
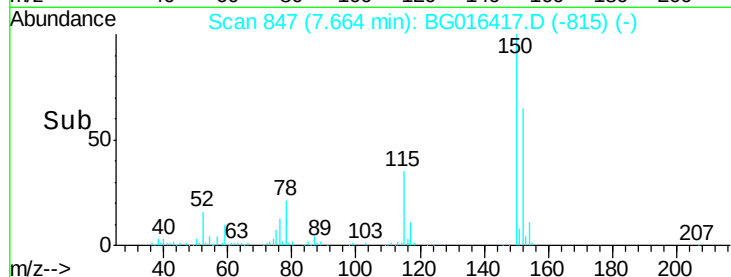
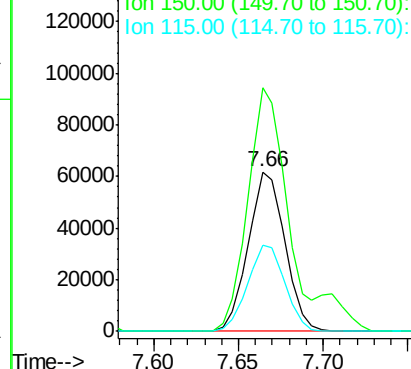
Tgt Ion:	152	Resp:	93375
Ion Ratio	Lower	Upper	
152	100		
150	152.8	130.1	195.1
115	54.0	50.5	75.7

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.25 ng

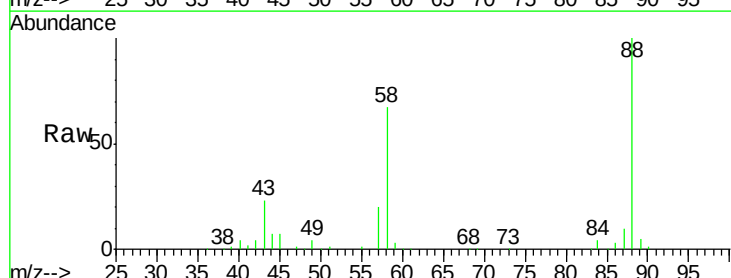
RT: 3.13 min Scan# 76

Delta R.T. -0.02 min

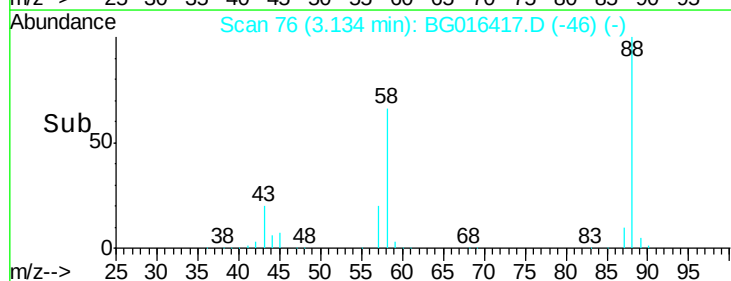
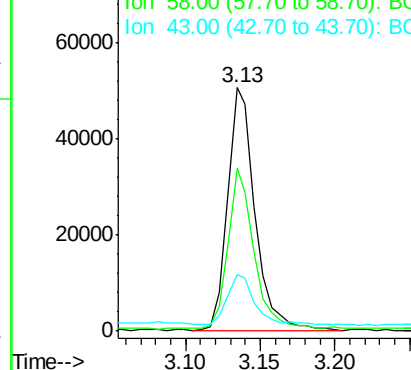
Lab File: BG016417.D

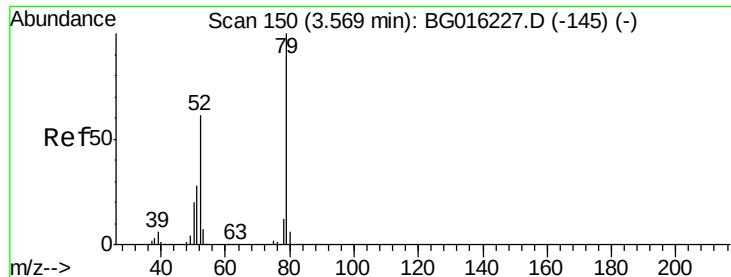
Acq: 15 Apr 2015 11:47

Tgt Ion:	88	Resp:	65224
Ion Ratio	Lower	Upper	
88	100		
58	62.3	50.6	76.0
43	22.1	17.0	25.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 23.04 ng

RT: 3.53 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

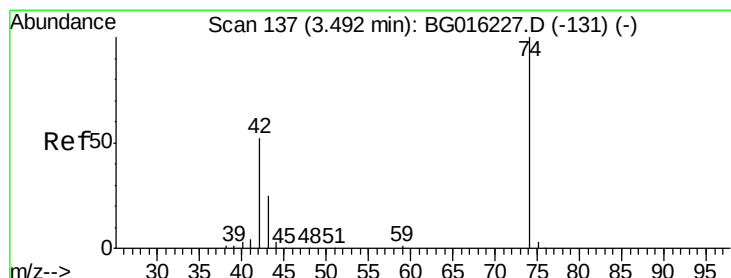
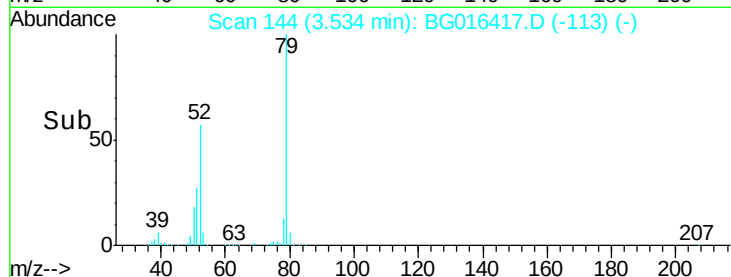
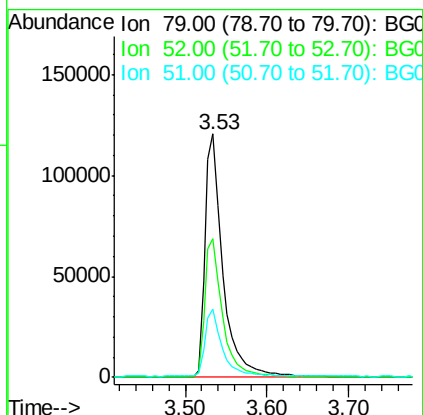
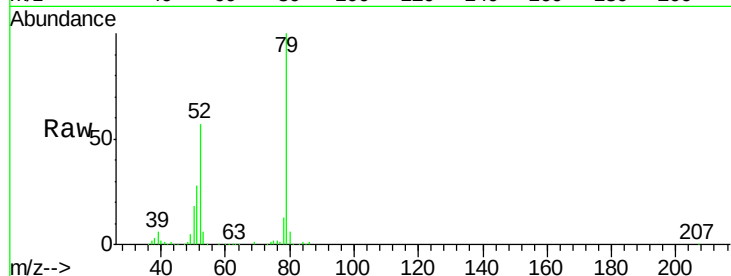
ClientSampleId :

FS-025MSD

Tgt Ion:	79	Resp:	185166
Ion	Ratio	Lower	Upper
79	100		
52	56.8	49.0	73.4
51	27.9	22.5	33.7

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#4

n-Nitrosodimethylamine

Concen: 27.45 ng

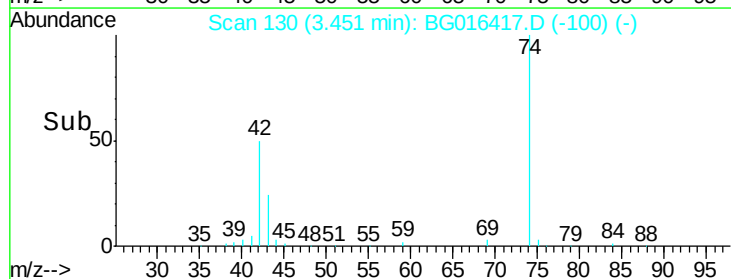
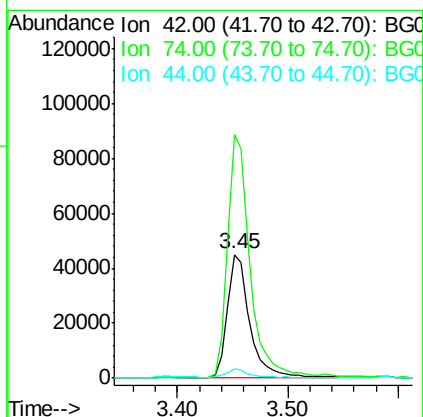
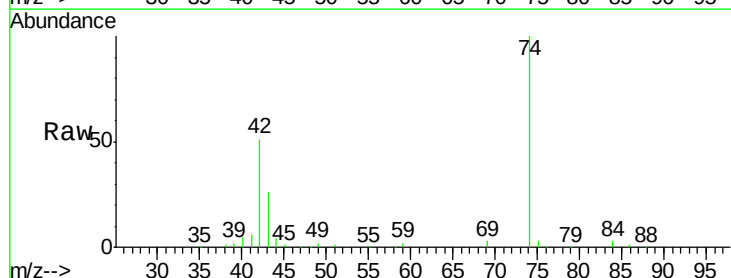
RT: 3.45 min Scan# 130

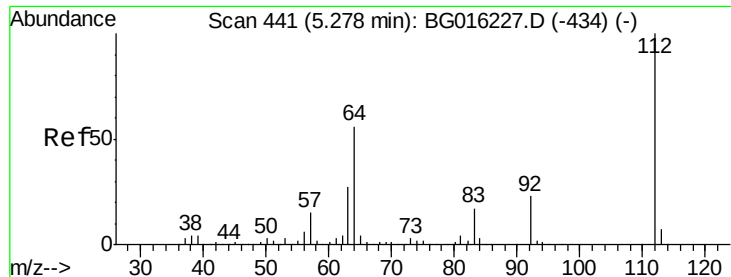
Delta R.T. -0.02 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	42	Resp:	65598
Ion	Ratio	Lower	Upper
42	100		
74	197.1	153.7	230.5
44	7.3	5.3	7.9





#5

2-Fluorophenol

Concen: 102.29 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

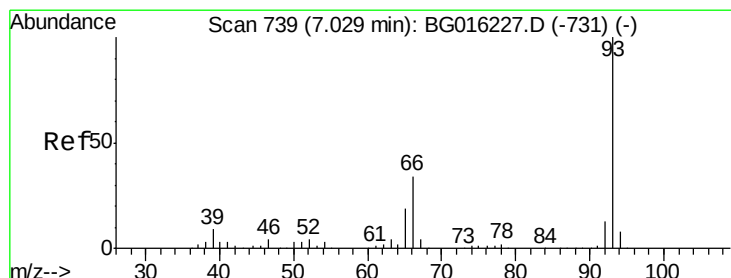
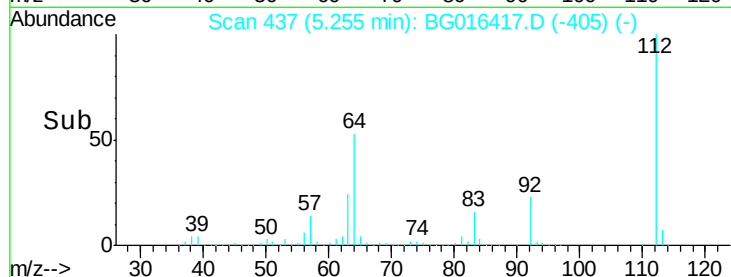
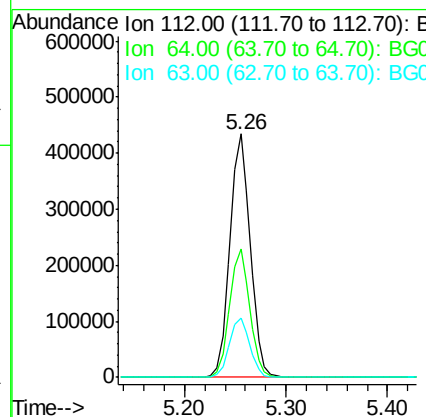
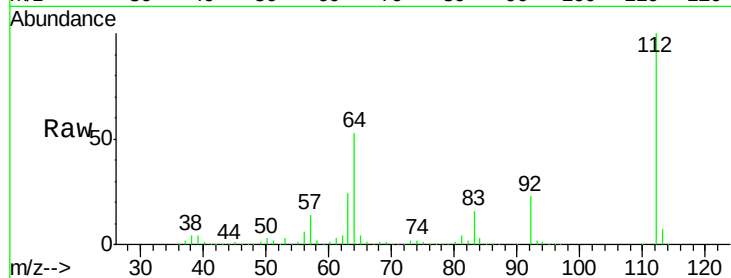
ClientSampleId :

FS-025MSD

Tgt Ion:	112	Resp:	605197
Ion Ratio	Lower	Upper	
112	100		
64	52.6	44.5	66.7
63	24.5	21.4	32.0

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#6

Aniline

Concen: 20.57 ng

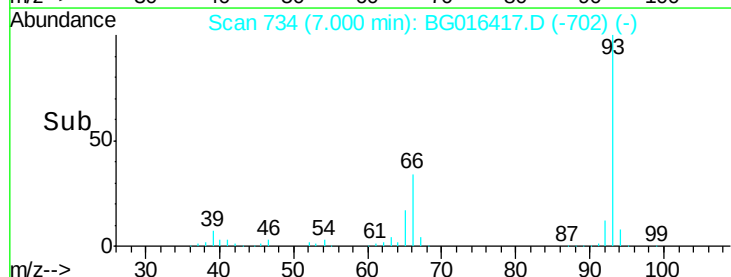
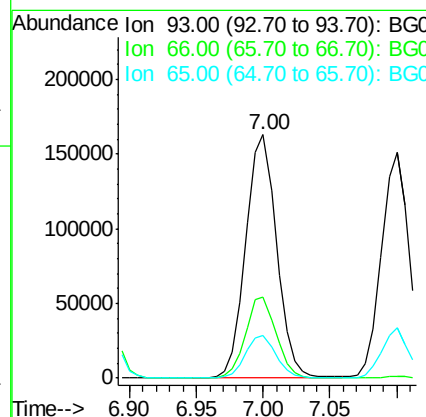
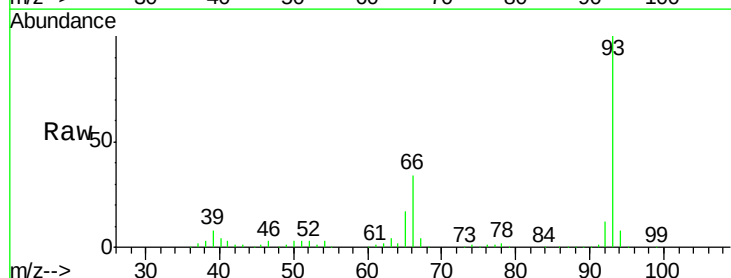
RT: 7.00 min Scan# 734

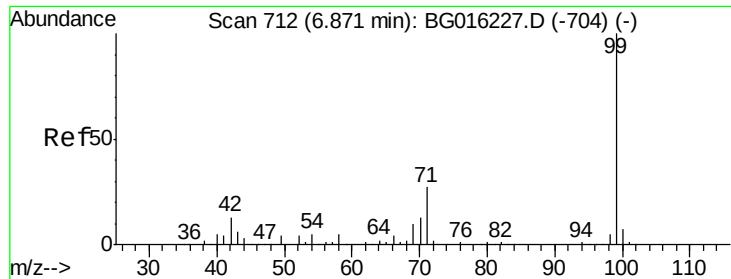
Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	93	Resp:	260943
Ion Ratio	Lower	Upper	
93	100		
66	33.5	27.5	41.3
65	17.4	15.1	22.7





#7

Phenol-d6

Concen: 99.02 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

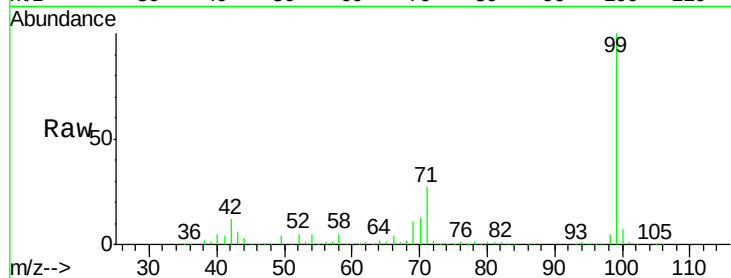
ClientSampleId :

FS-025MSD

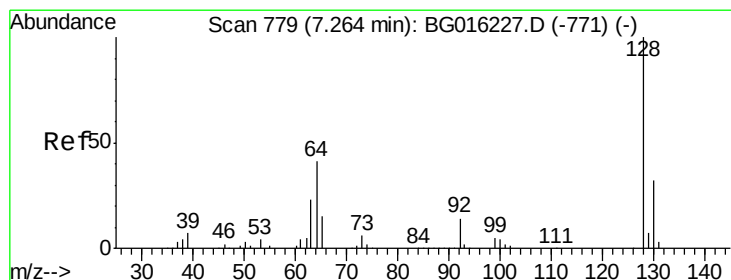
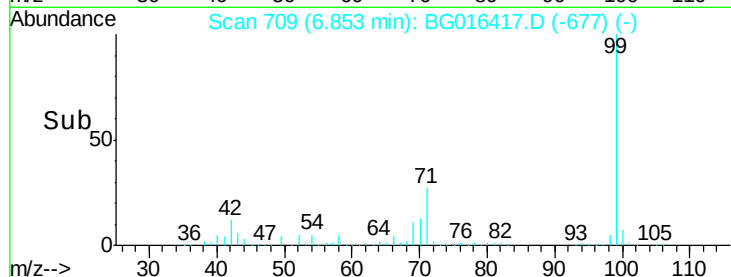
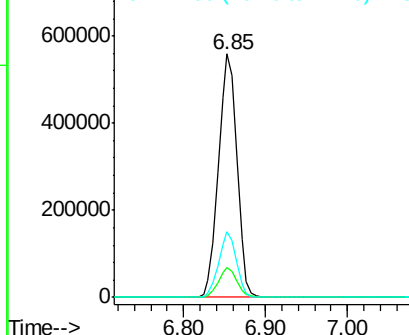
Tgt Ion:	99	Resp:	879477
Ion	Ratio	Lower	Upper
99	100		
42	12.4	10.0	15.0
71	26.7	21.5	32.3

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



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



#8

2-Chlorophenol

Concen: 33.87 ng

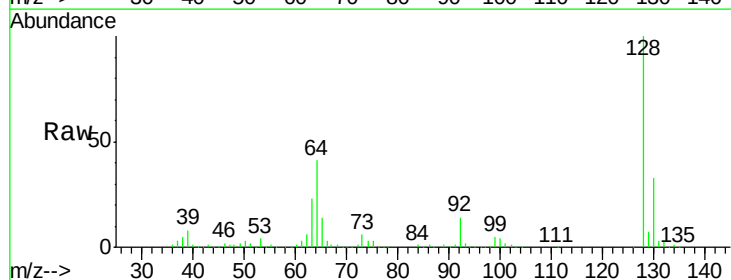
RT: 7.24 min Scan# 774

Delta R.T. -0.01 min

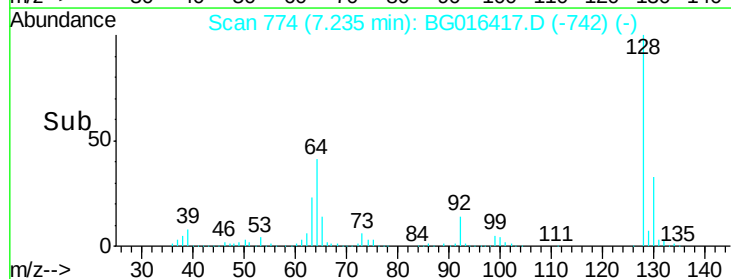
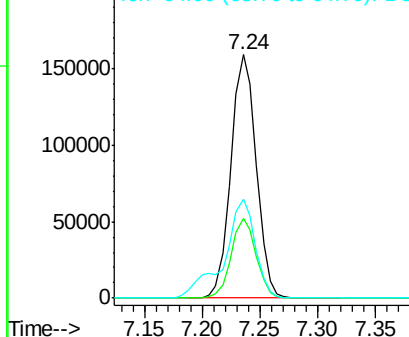
Lab File: BG016417.D

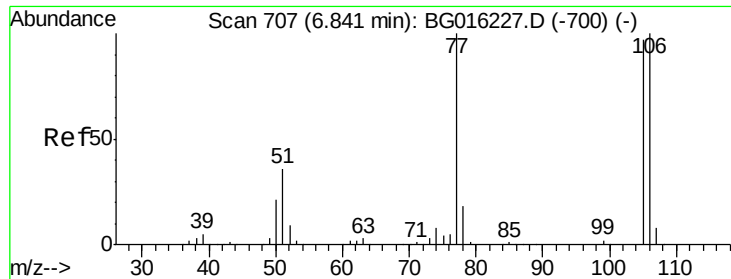
Acq: 15 Apr 2015 11:47

Tgt Ion:	128	Resp:	240652
Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.6	51.6
64	40.9	24.2	64.2



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





#9

Benzaldehyde

Concen: 12.99 ng

RT: 6.81 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

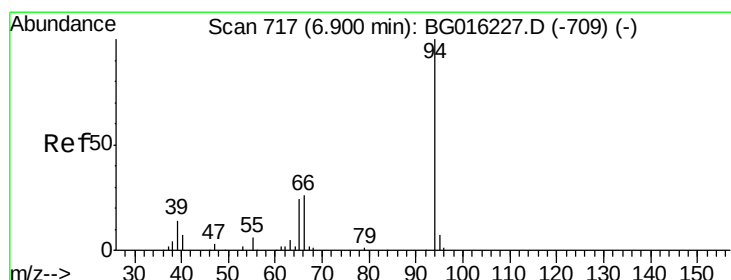
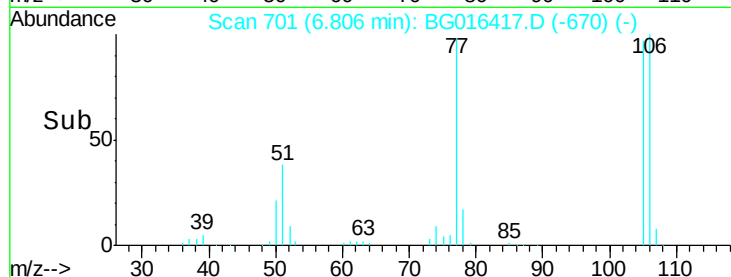
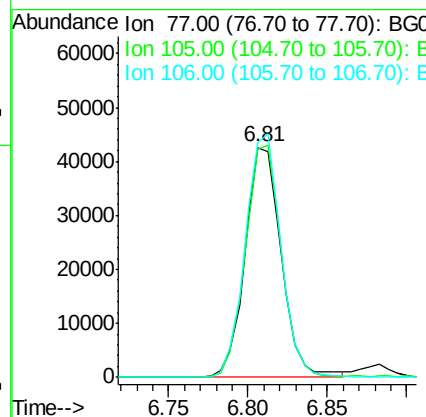
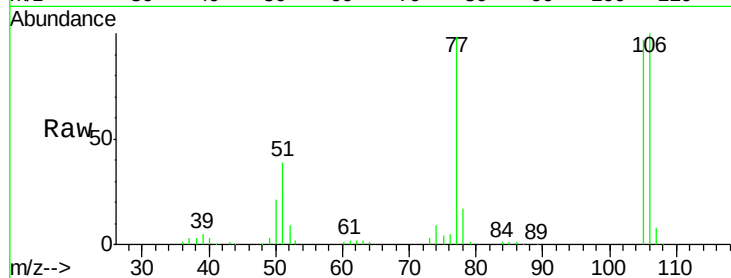
ClientSampleId :

FS-025MSD

Tgt Ion:	77	Resp:	67599
Ion	Ratio	Lower	Upper
77	100		
105	99.1	76.8	116.8
106	102.2	80.1	120.1

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#10

Phenol

Concen: 35.60 ng

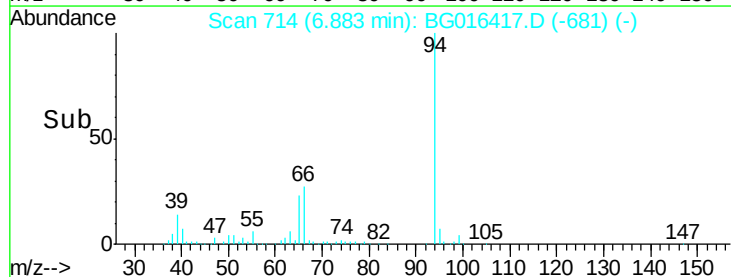
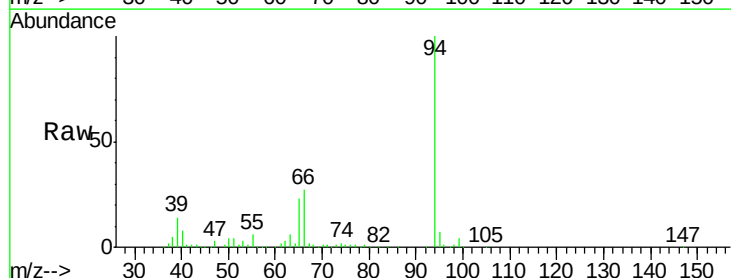
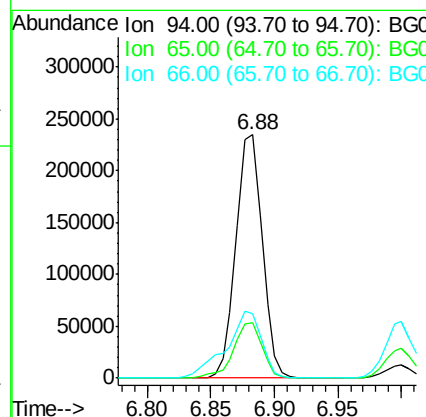
RT: 6.88 min Scan# 714

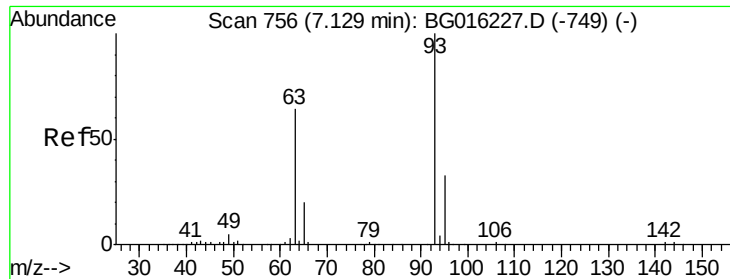
Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	94	Resp:	338270
Ion	Ratio	Lower	Upper
94	100		
65	22.9	3.8	43.8
66	26.6	7.4	47.4





#11

bis(2-Chloroethyl)ether

Concen: 28.83 ng

RT: 7.10 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

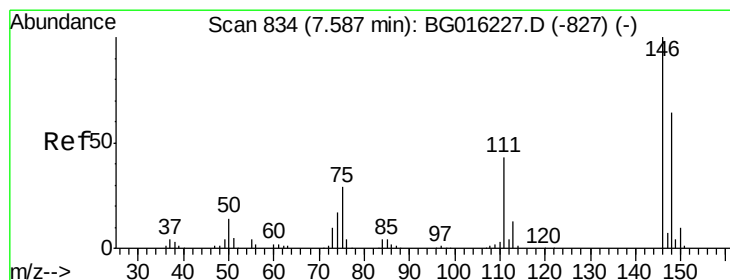
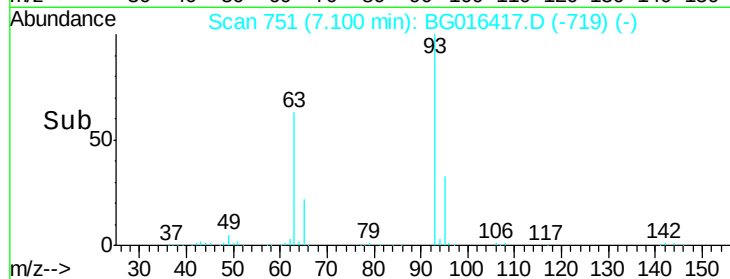
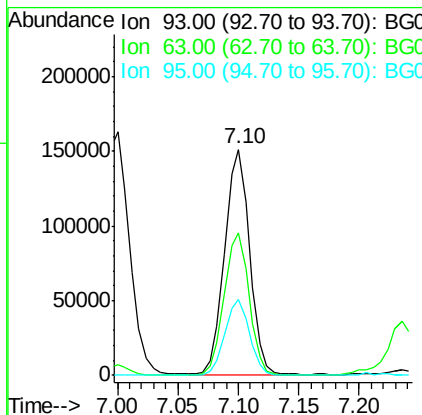
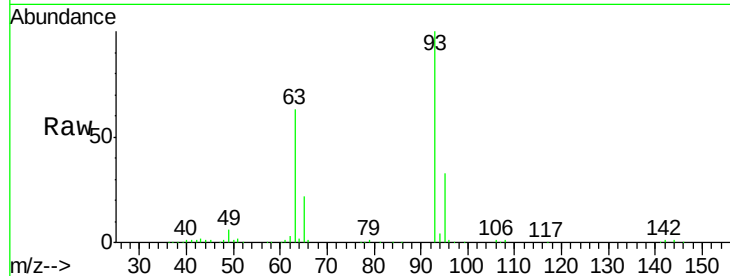
ClientSampleId :

FS-025MSD

Tgt Ion:	93	Resp:	218484
Ion	Ratio	Lower	Upper
93	100		
63	62.8	44.1	84.1
95	33.4	12.5	52.5

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#12

1,3-Dichlorobenzene

Concen: 29.56 ng

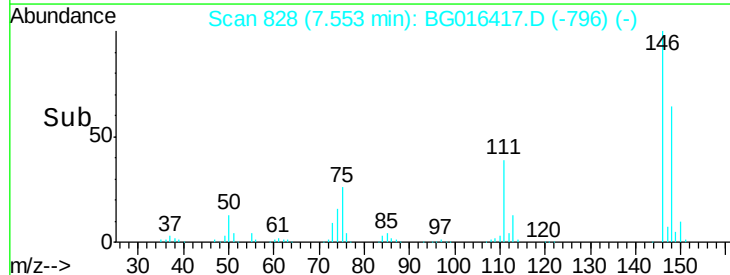
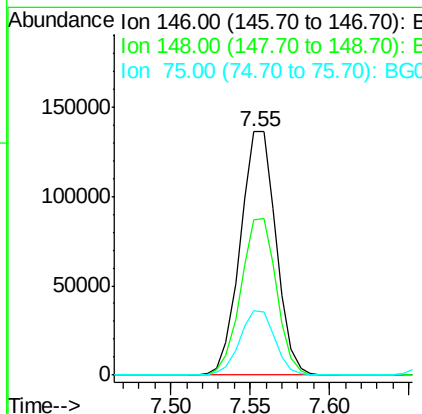
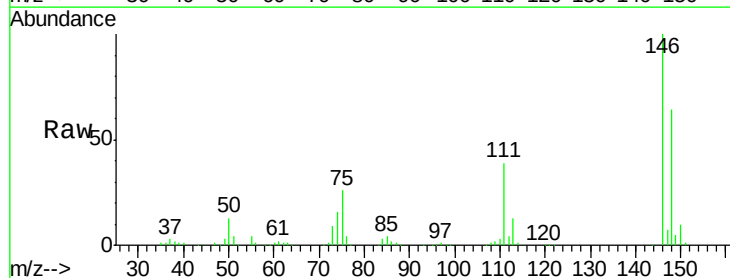
RT: 7.55 min Scan# 828

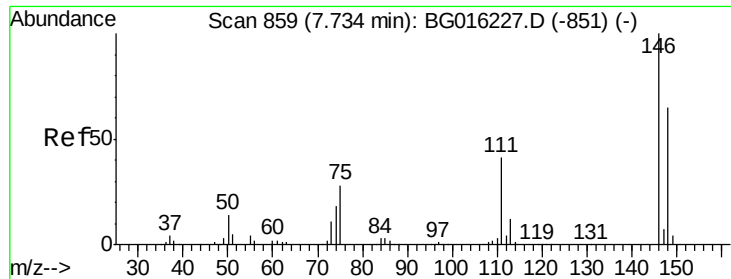
Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	146	Resp:	212093
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
75	26.4	23.3	34.9





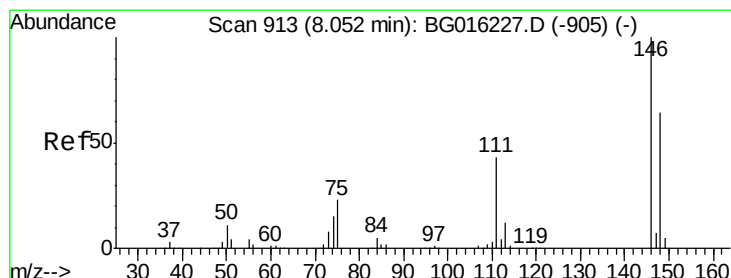
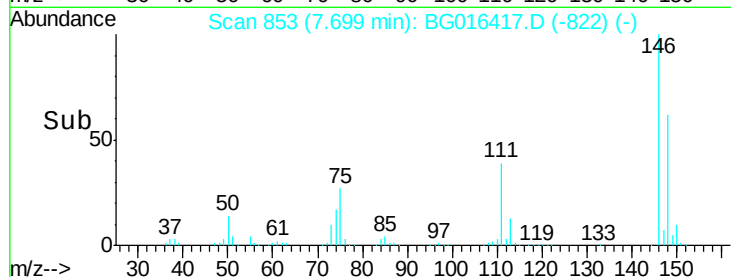
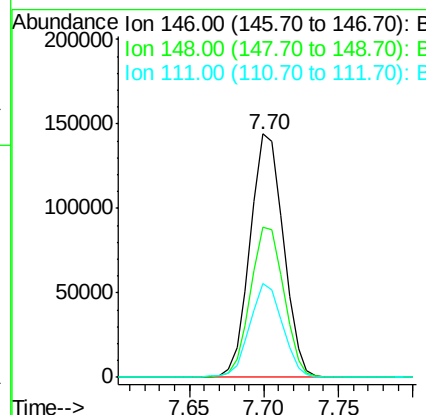
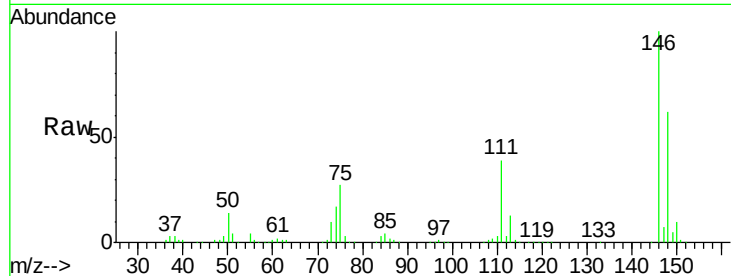
#13
1,4-Dichlorobenzene
Concen: 29.77 ng
RT: 7.70 min Scan# 853
Delta R.T. -0.02 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	221594		
148	61.8	52.0	78.0	
111	38.6	32.6	49.0	

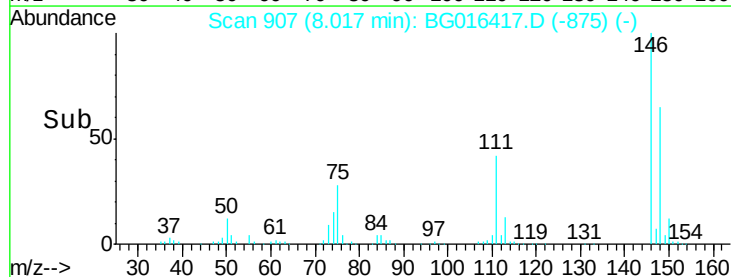
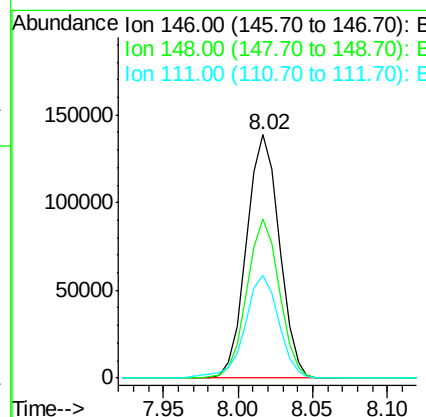
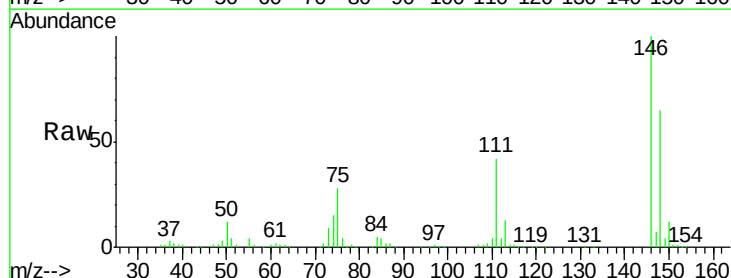
Manual Integrations
APPROVED

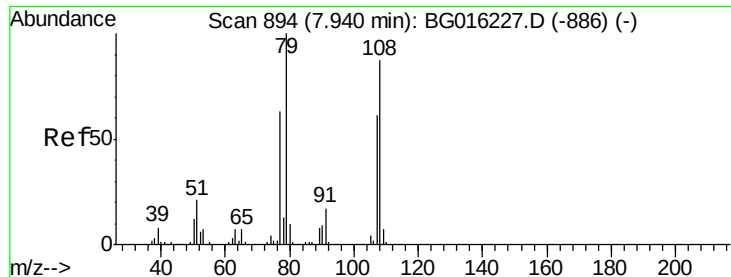
apatel
4/16/2015 3:33:05 PM



#14
1,2-Dichlorobenzene
Concen: 29.64 ng
RT: 8.02 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	210980		
148	65.2	50.9	76.3	
111	42.2	34.7	52.1	





#15

Benzyl Alcohol

Concen: 30.12 ng

RT: 7.91 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

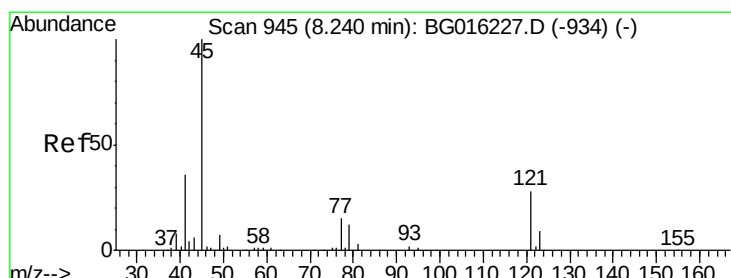
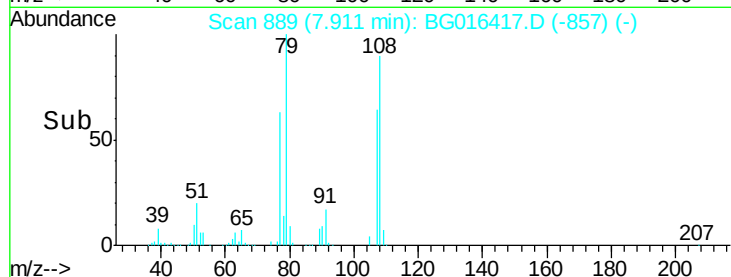
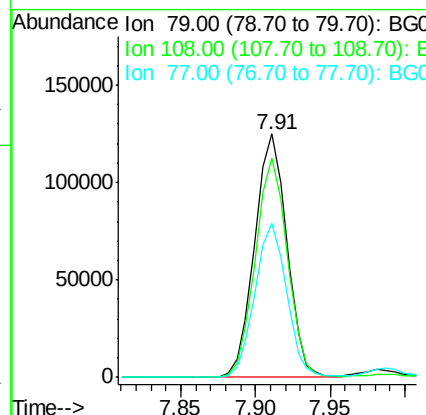
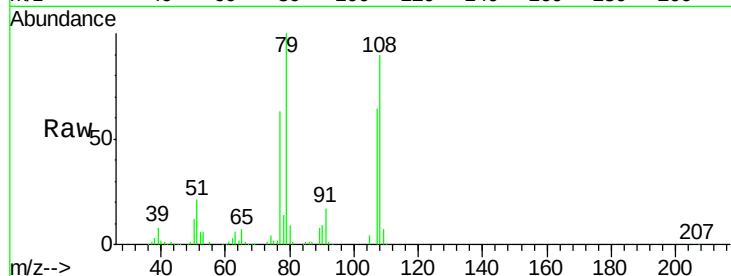
ClientSampleId :

FS-025MSD

Tgt Ion:	79	Resp:	186510
Ion Ratio	Lower	Upper	
79	100		
108	90.1	69.3	103.9
77	63.2	50.3	75.5

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.52 ng

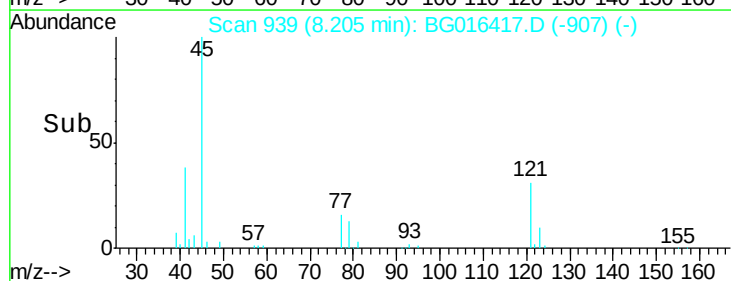
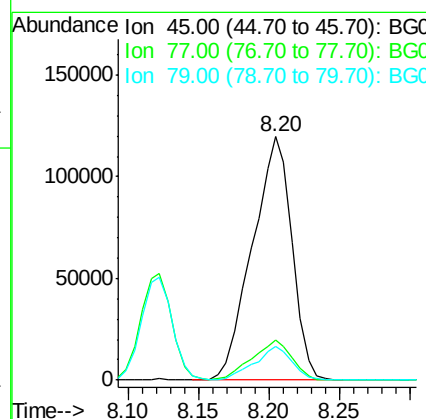
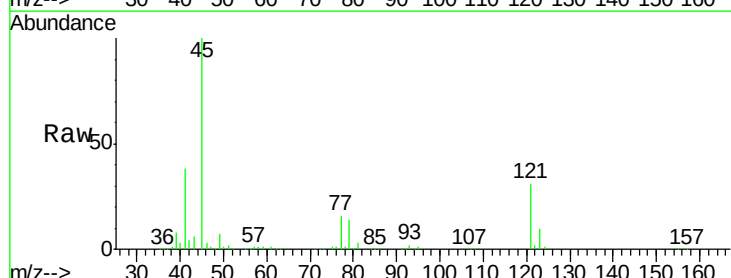
RT: 8.20 min Scan# 939

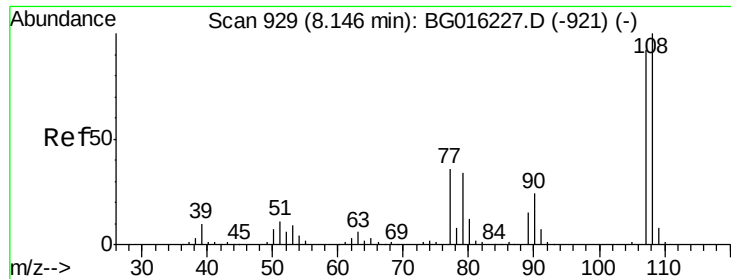
Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

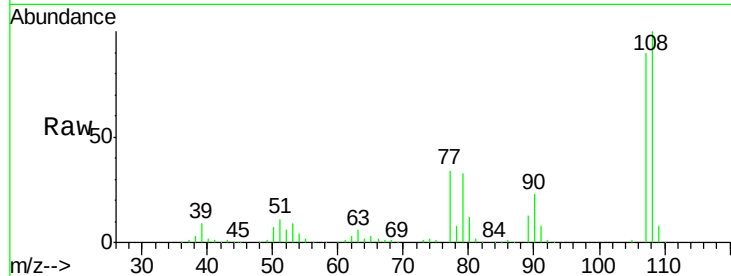
Tgt Ion:	45	Resp:	234902
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	35.3
79	13.6	0.0	32.3





#17
2-Methylphenol
Concen: 32.86 ng
RT: 8.12 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

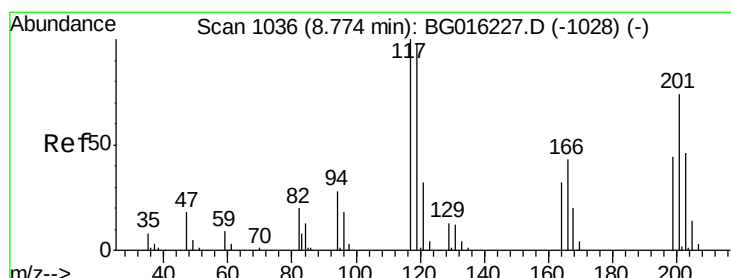
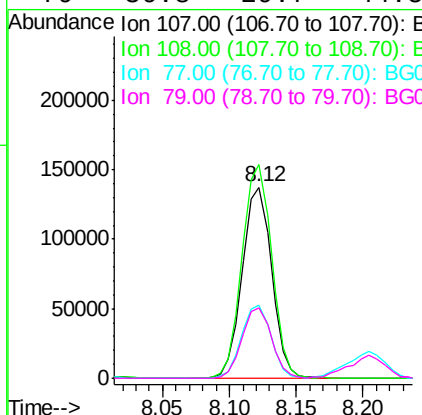
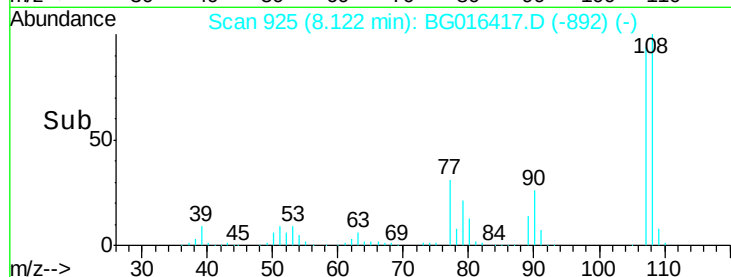
Instrument :
BNA_G
ClientSampleId :
FS-025MSD



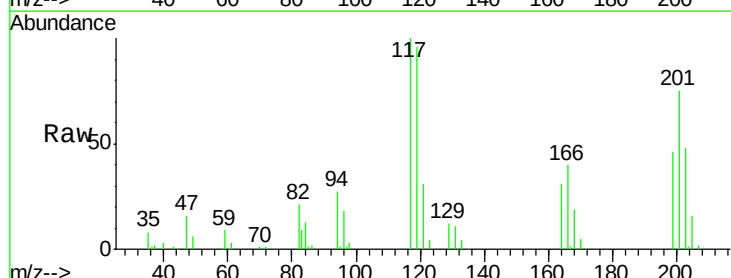
Tgt Ion:	107	Resp:	209399
Ion Ratio	Lower	Upper	
107	100		
108	111.7	87.2	130.8
77	38.1	31.1	46.7
79	36.8	29.7	44.5

Manual Integrations
APPROVED

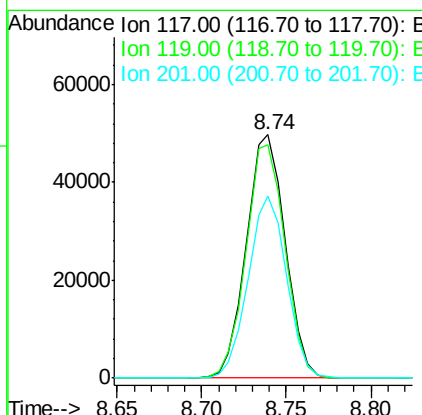
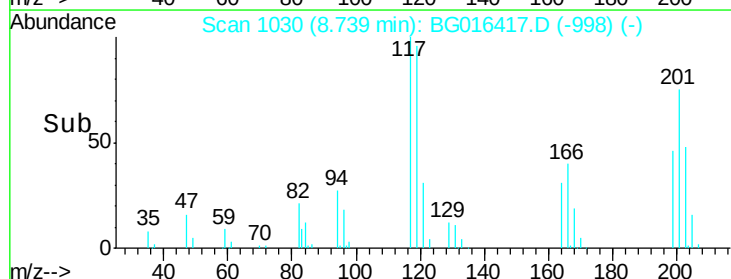
apatel
4/16/2015 3:33:05 PM

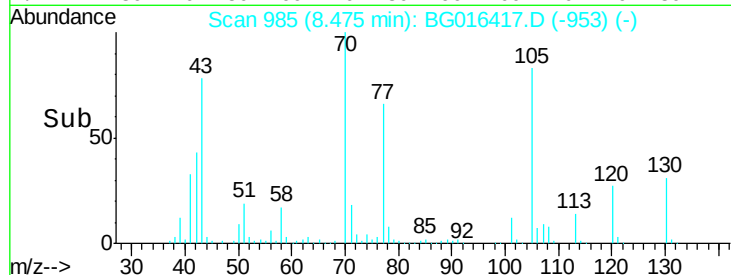
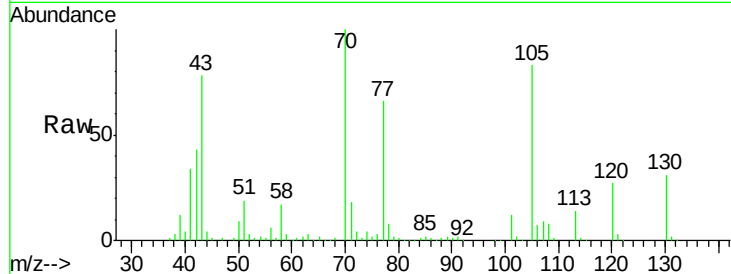
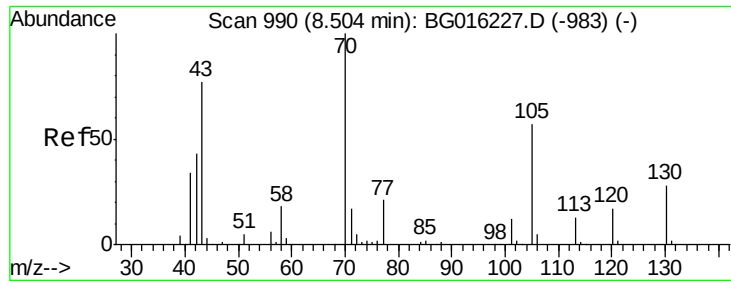


#18
Hexachloroethane
Concen: 27.97 ng
RT: 8.74 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47



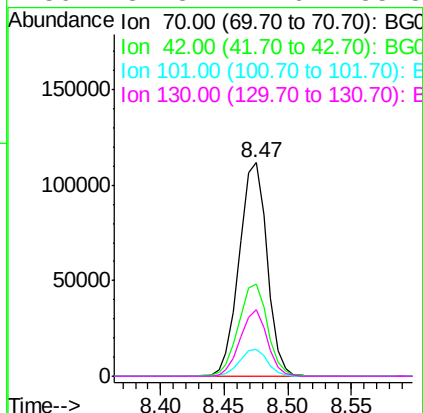
Tgt Ion:	117	Resp:	79641
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.8	118.2
201	74.7	59.0	88.4





#19
n-Nitroso-di-n-propylamine
Concen: 26.81 ng
RT: 8.47 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

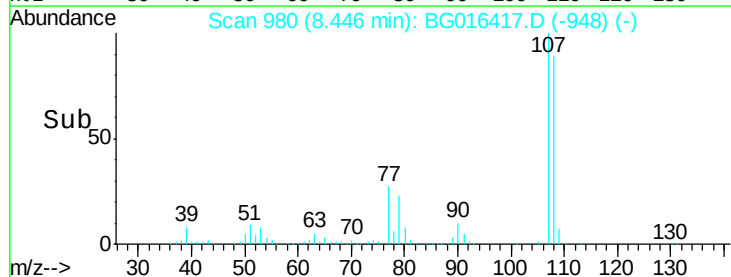
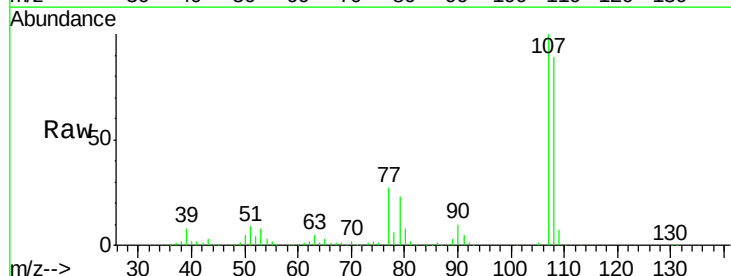
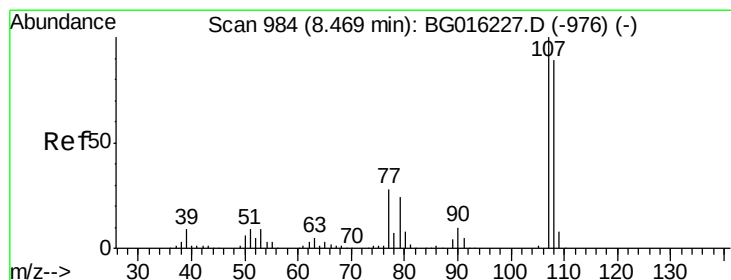
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		170583		
42	43.1	34.7	52.1		
101	12.3	9.2	13.8		
130	31.3	22.6	33.8		



Instrument :
BNA_G
ClientSampleId :
FS-025MSD

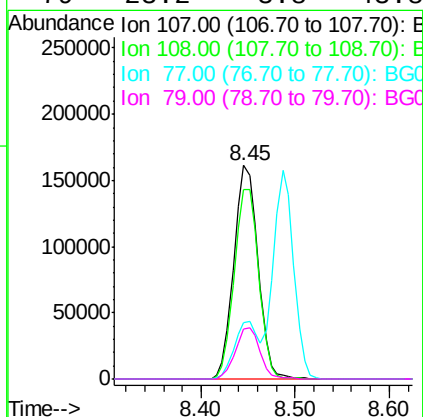
Manual Integrations
APPROVED

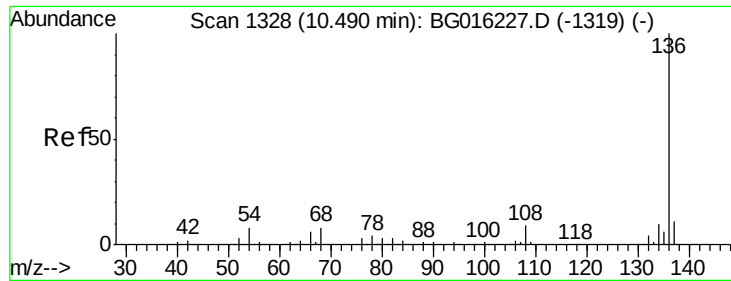
apatel
4/16/2015 3:33:05 PM



#20
3+4-Methylphenols
Concen: 32.66 ng
RT: 8.45 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		288241		
108	88.7	69.5	109.5		
77	26.5	8.2	48.2		
79	23.2	3.8	43.8		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG016417.D

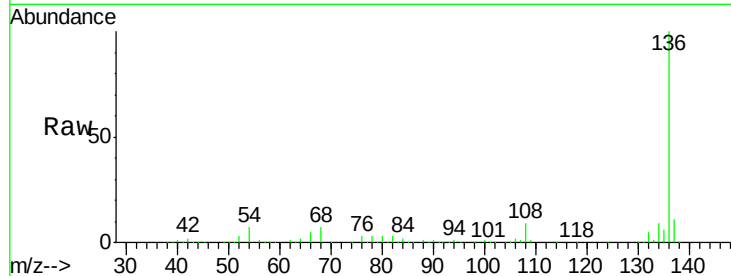
Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

ClientSampleId :

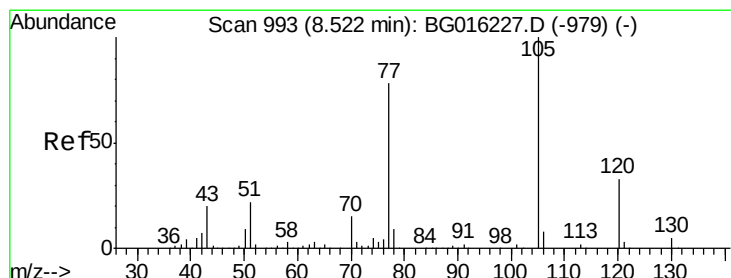
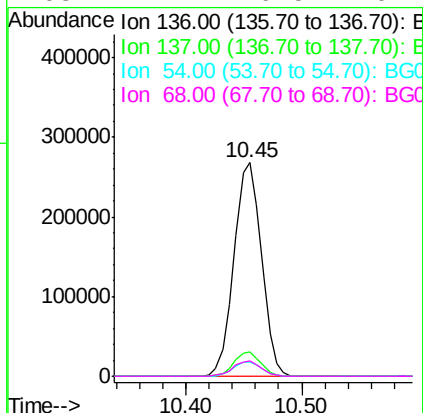
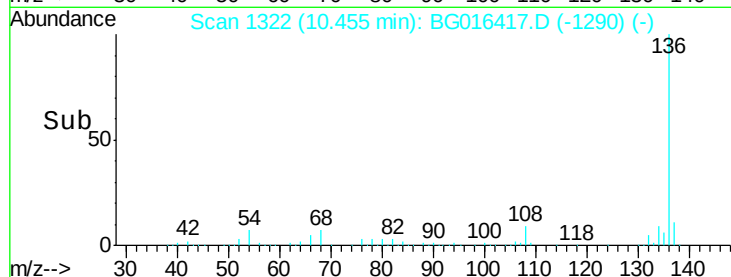
FS-025MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	440510		
137	11.1	8.7	13.1	
54	6.8	6.3	9.5	
68	7.4	6.5	9.7	

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#22

Acetophenone

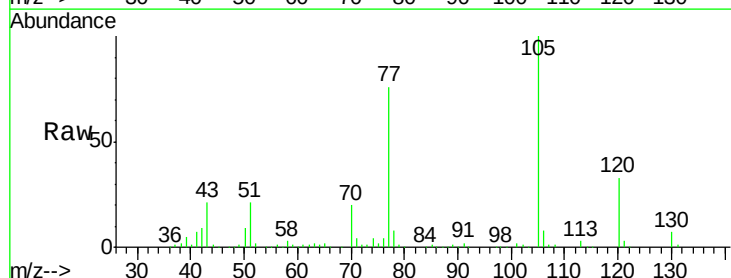
Concen: 30.85 ng

RT: 8.49 min Scan# 987

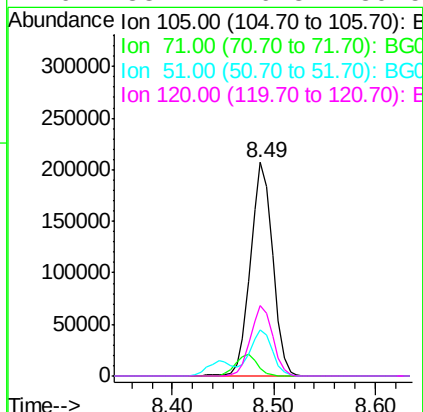
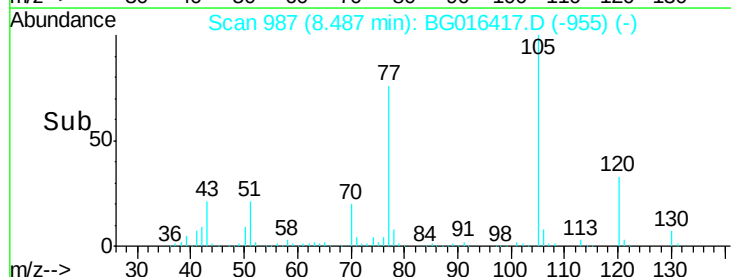
Delta R.T. -0.01 min

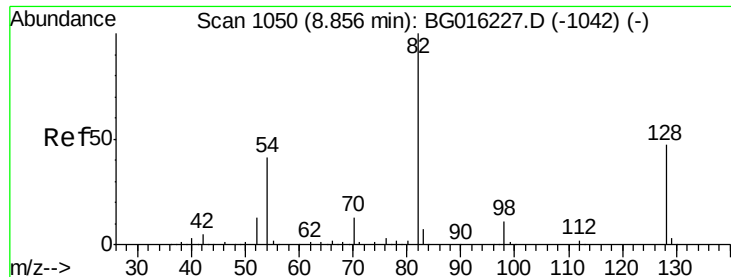
Lab File: BG016417.D

Acq: 15 Apr 2015 11:47



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	315096		
71	3.5	2.0	3.0#	
51	21.4	17.9	26.9	
120	33.1	26.3	39.5	





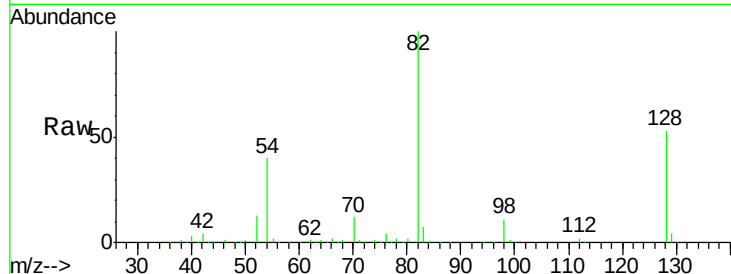
#23
 Nitrobenzene-d5
 Concen: 60.15 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

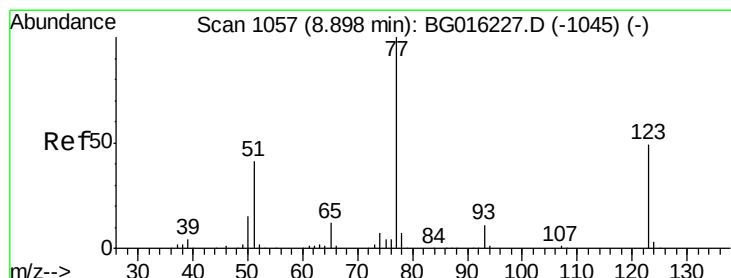
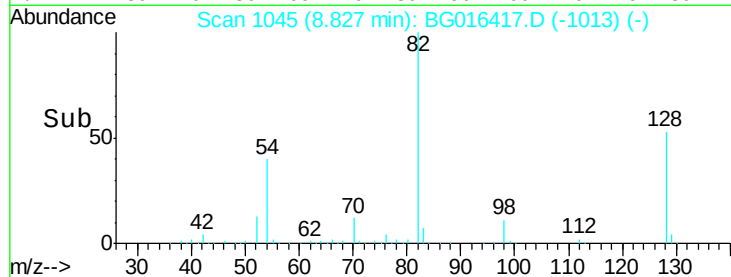
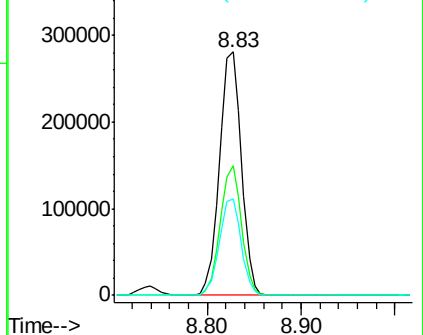
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	457358		
128	53.0	37.8	56.8	
54	39.6	32.6	49.0	

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:05 PM

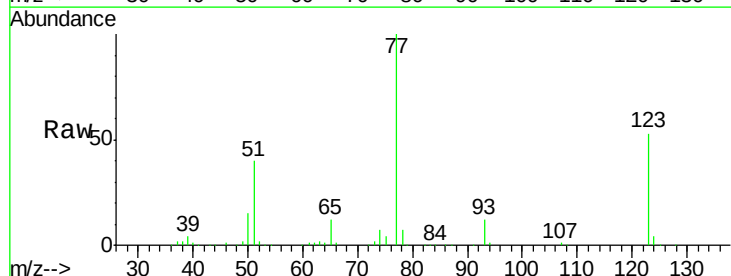


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

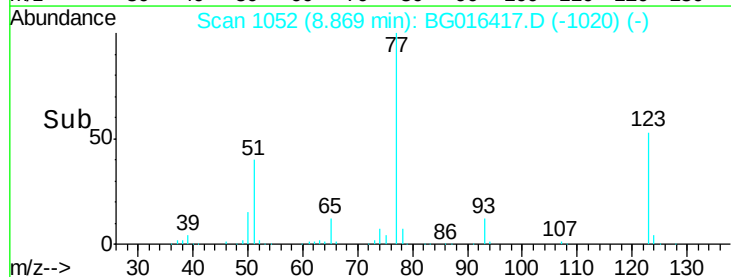
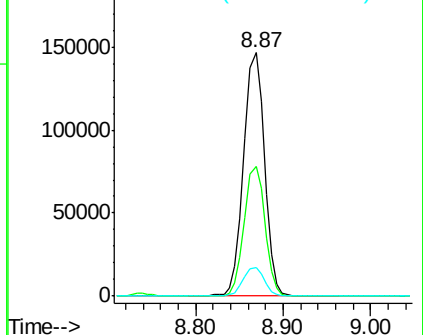


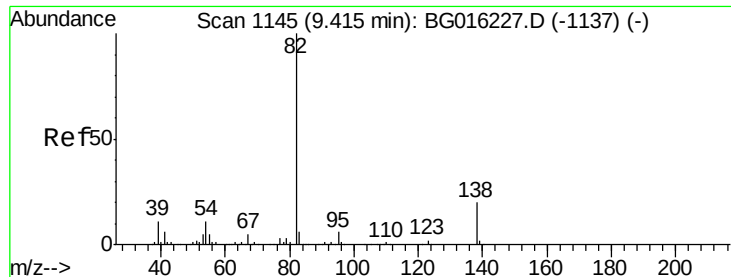
#24
 Nitrobenzene
 Concen: 28.98 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	235621		
123	53.3	38.8	58.2	
65	11.9	9.4	14.2	



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





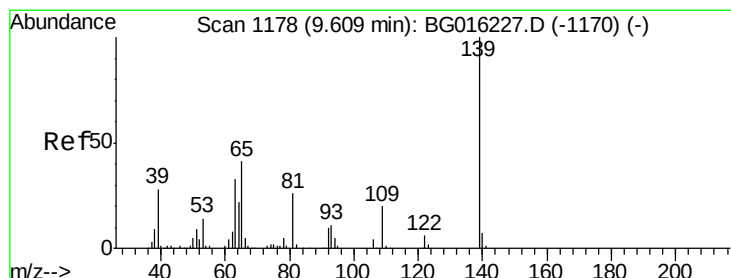
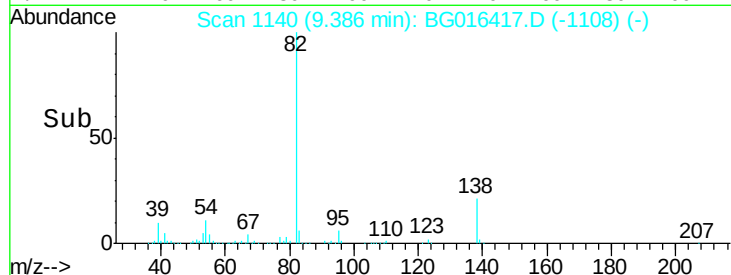
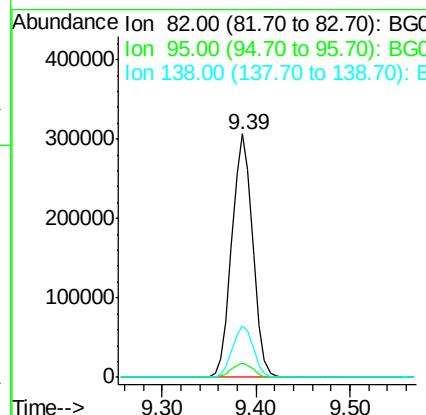
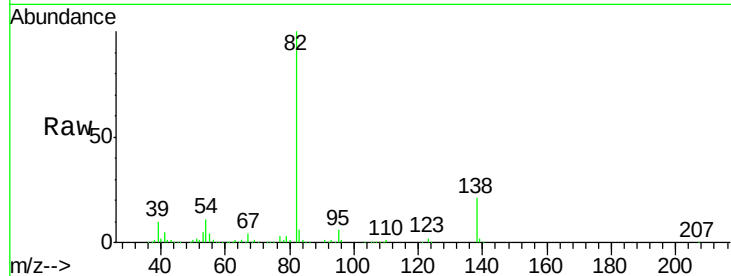
#25
Isophorone
Concen: 27.89 ng
RT: 9.39 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	470965		
95	5.9	5.0	7.6	
138	21.4	16.2	24.2	

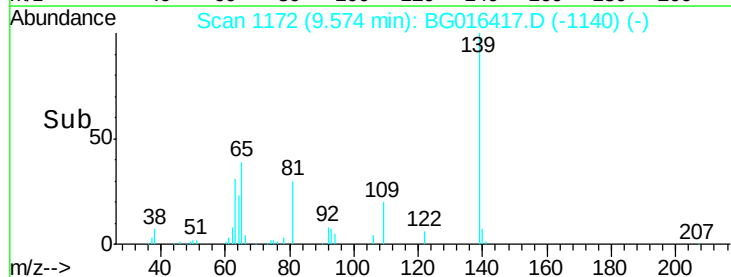
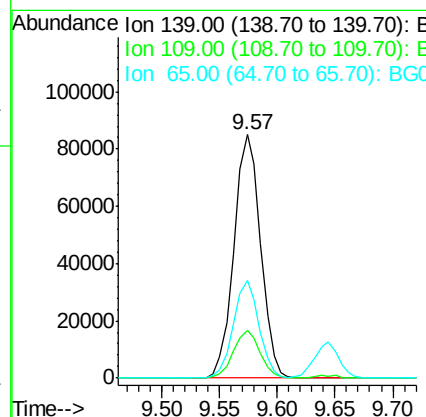
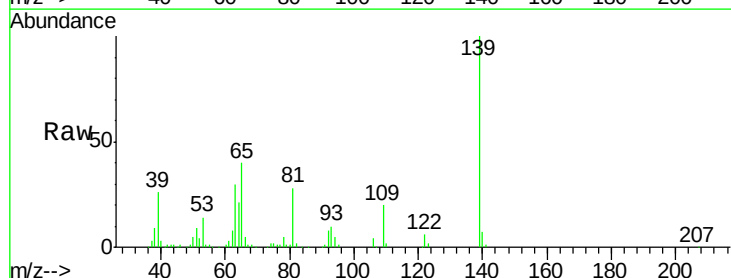
Manual Integrations
APPROVED

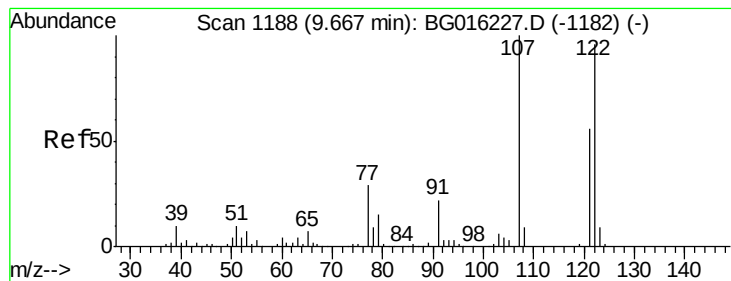
apatel
4/16/2015 3:33:05 PM



#26
2-Nitrophenol
Concen: 35.74 ng
RT: 9.57 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135535		
109	19.5	15.9	23.9	
65	40.0	32.9	49.3	





#27

2,4-Dimethylphenol

Concen: 32.91 ng

RT: 9.64 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG016417.D

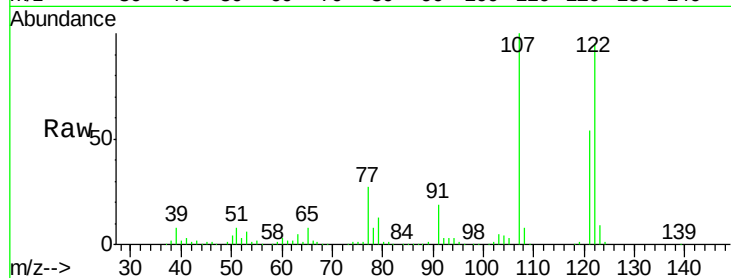
Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

ClientSampleId :

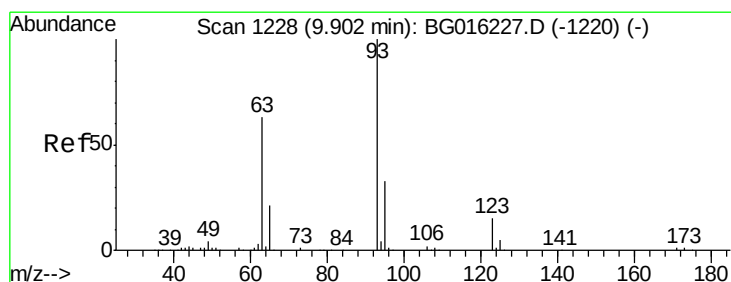
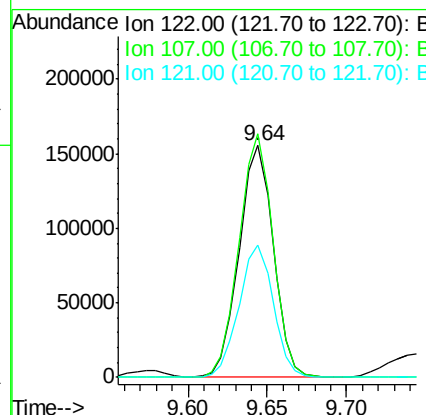
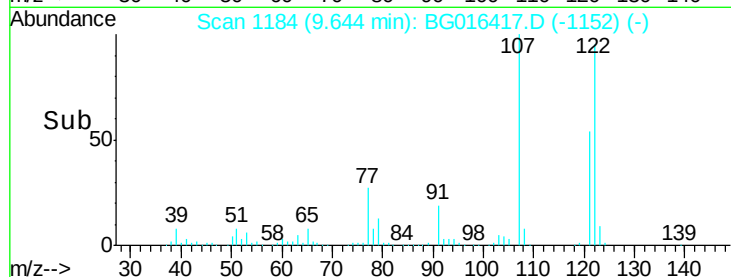
FS-025MSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	232453		
107	104.9	83.4	125.2	
121	57.1	46.2	69.4	

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#28

bis(2-Chloroethoxy)methane

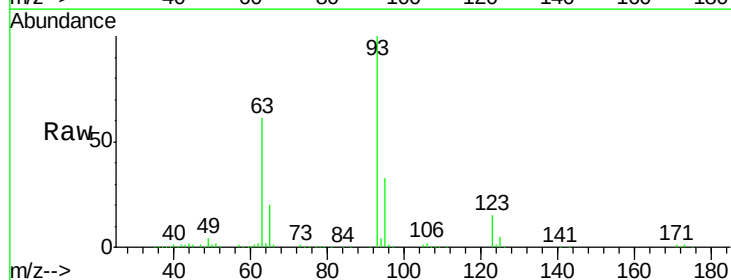
Concen: 30.03 ng

RT: 9.87 min Scan# 1223

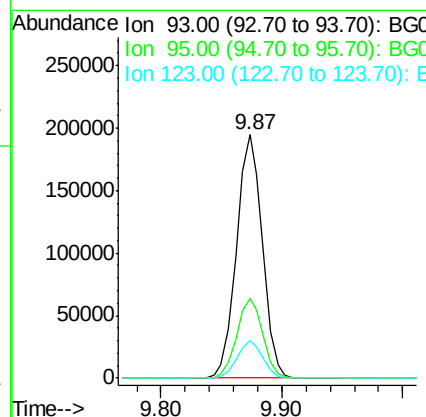
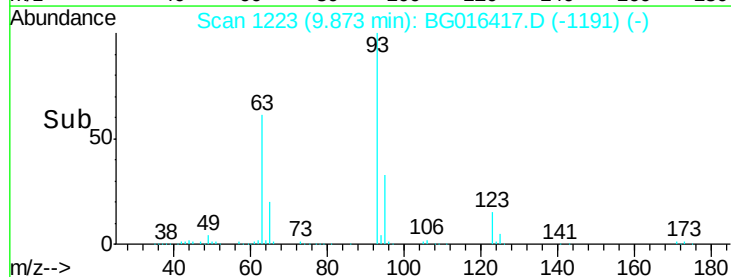
Delta R.T. -0.01 min

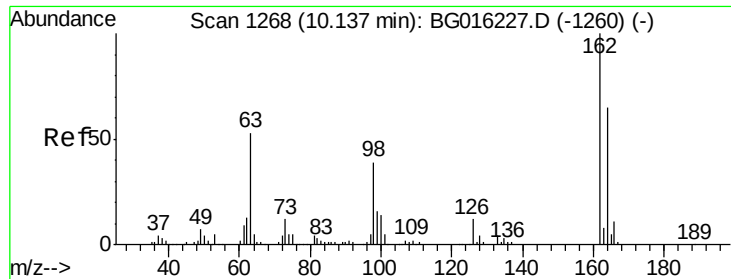
Lab File: BG016417.D

Acq: 15 Apr 2015 11:47



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	289453		
95	32.8	26.1	39.1	
123	15.2	11.8	17.8	





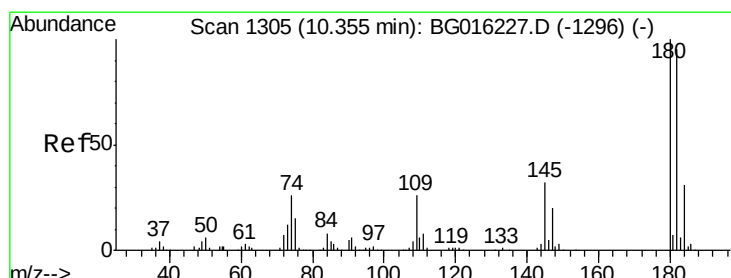
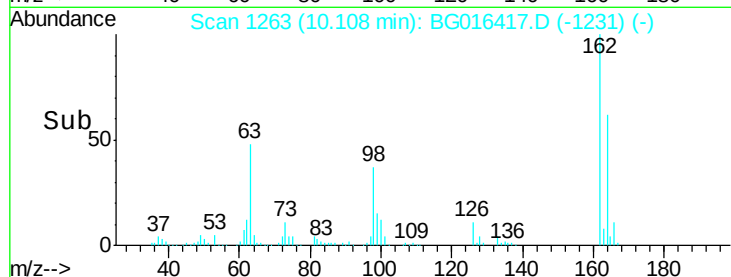
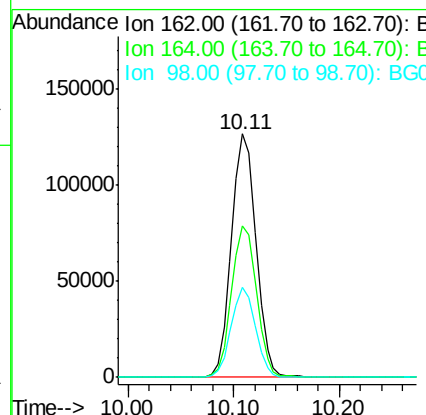
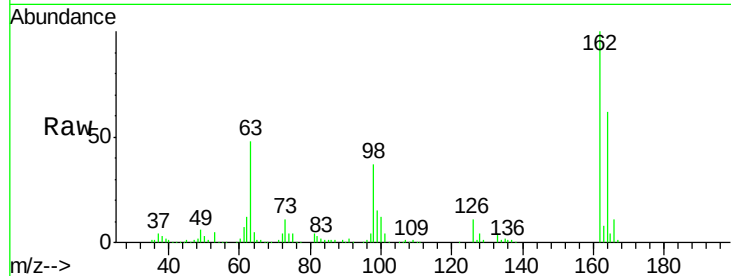
#29
 2,4-Dichlorophenol
 Concen: 36.66 ng
 RT: 10.11 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	204880		
164	62.2	45.0	85.0	
98	36.9	19.1	59.1	

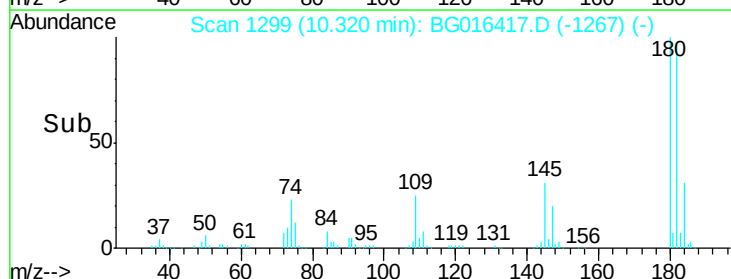
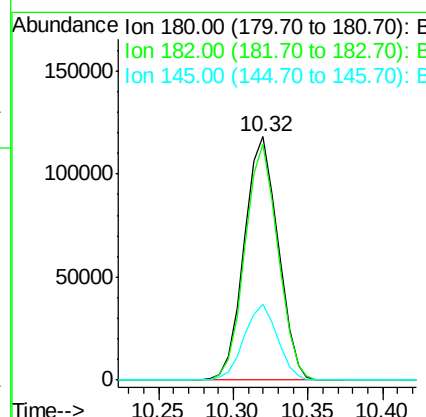
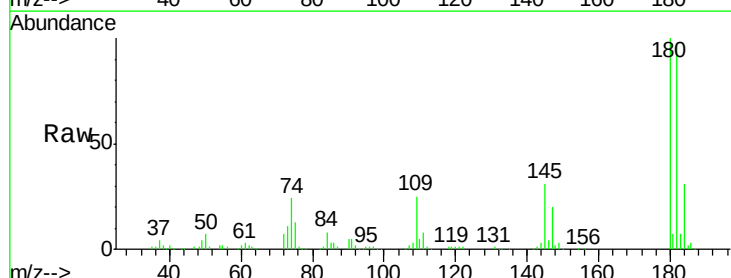
Manual Integrations
 APPROVED

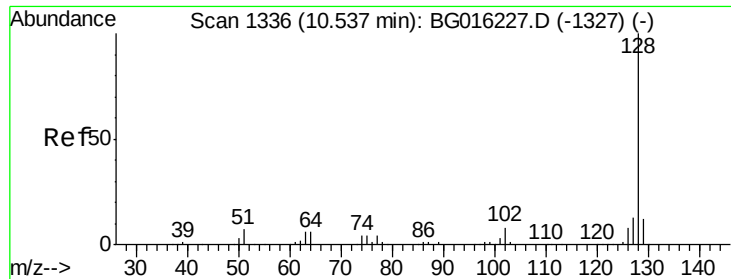
apatel
 4/16/2015 3:33:05 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 31.80 ng
 RT: 10.32 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	185581		
182	96.9	76.3	114.5	
145	31.2	25.2	37.8	





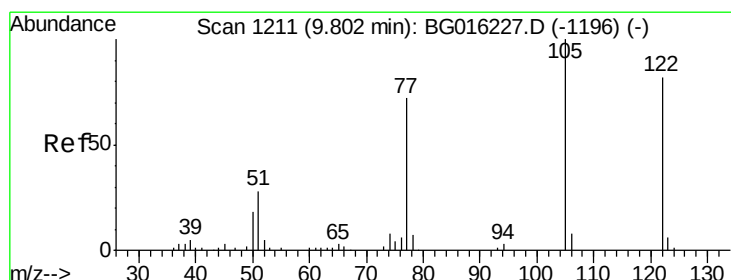
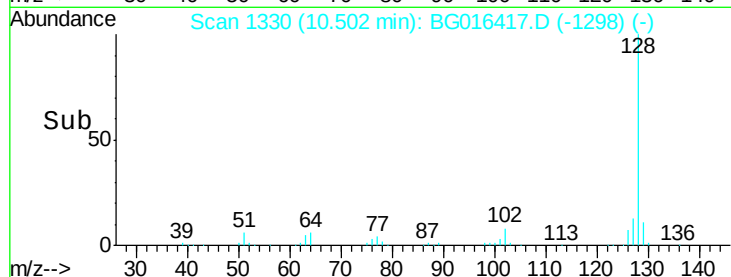
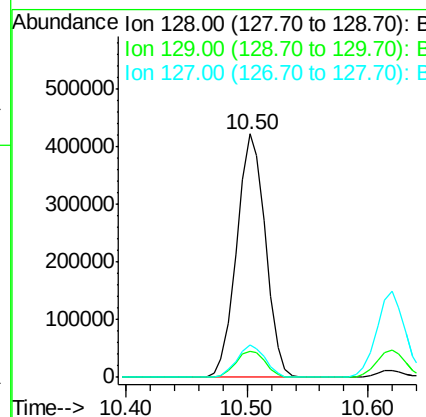
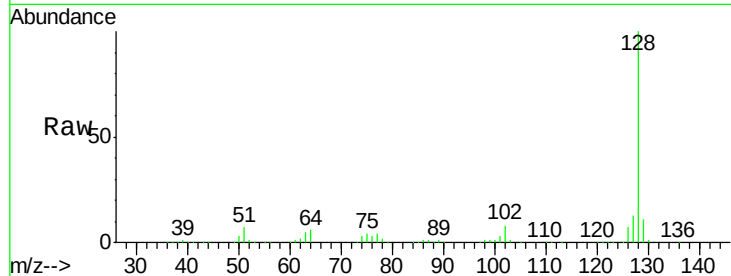
#31
Naphthalene
Concen: 30.41 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	698157		
129	10.9	9.2	13.8	
127	13.2	10.6	16.0	

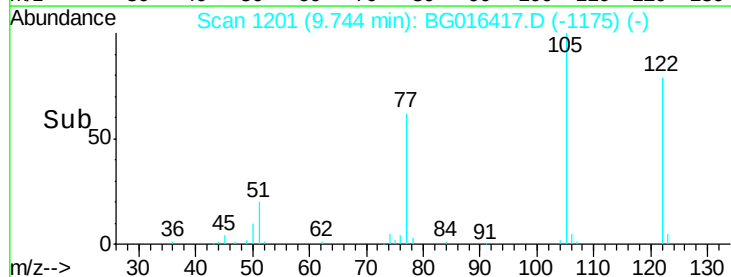
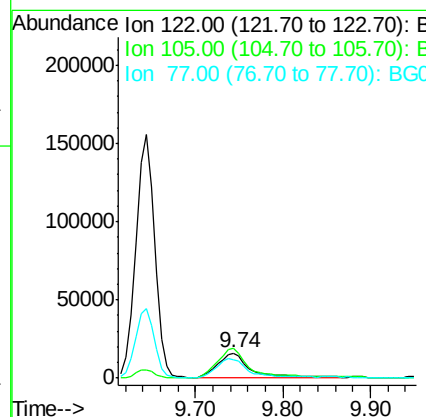
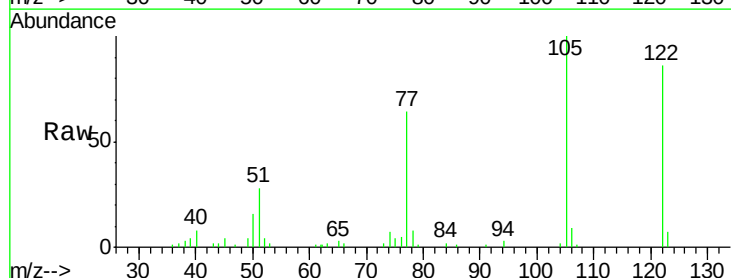
Manual Integrations
APPROVED

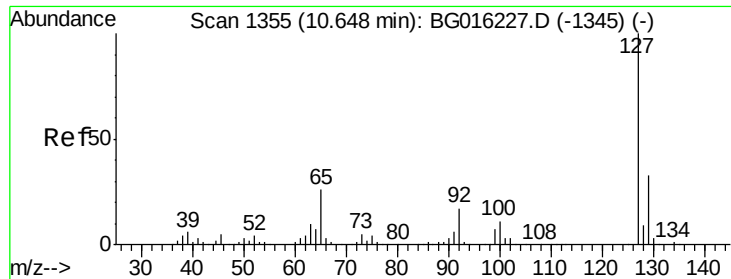
apatel
4/16/2015 3:33:05 PM



#32
Benzoic acid
Concen: 16.32 ng
RT: 9.74 min Scan# 1201
Delta R.T. -0.04 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	42740		
105	116.5	99.7	139.7	
77	74.3	66.8	106.8	





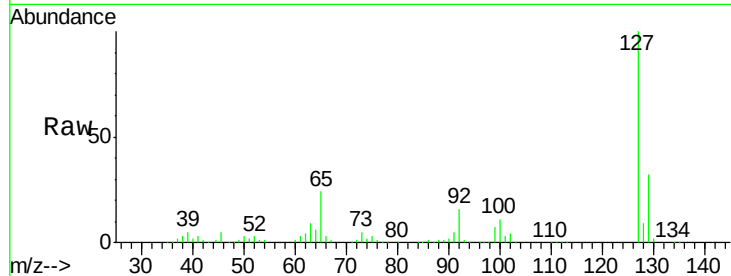
#33
 4-Chloroaniline
 Concen: 23.08 ng
 RT: 10.62 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

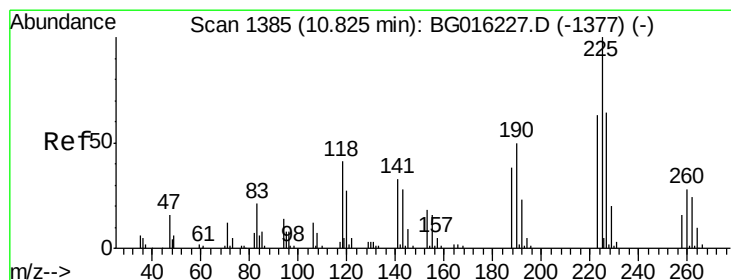
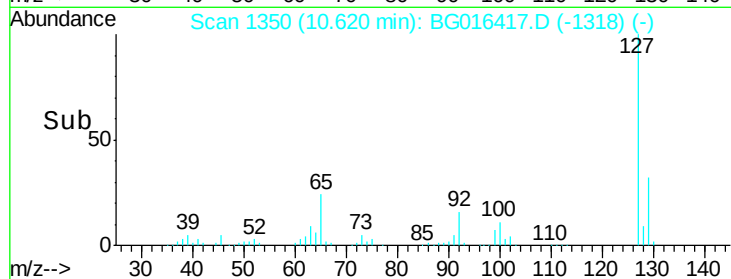
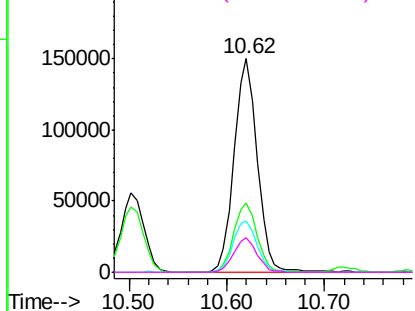
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	248565		
129	32.3	26.1	39.1	
65	23.7	21.2	31.8	
92	16.2	13.8	20.6	

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:05 PM

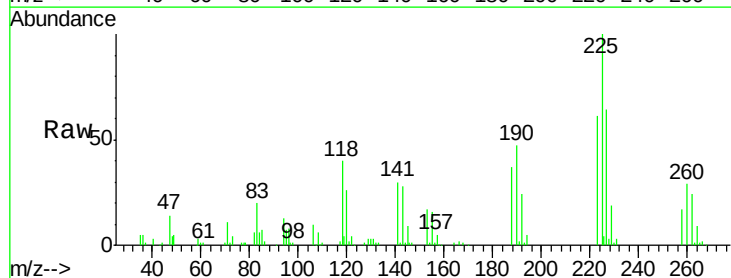


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

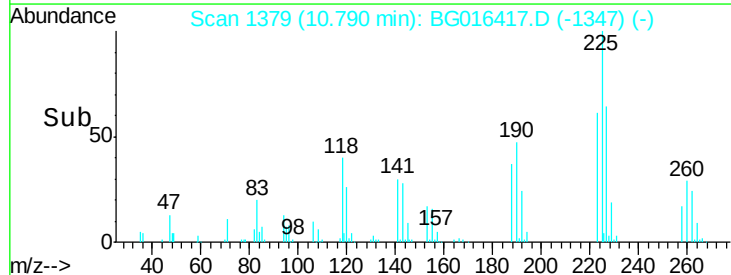
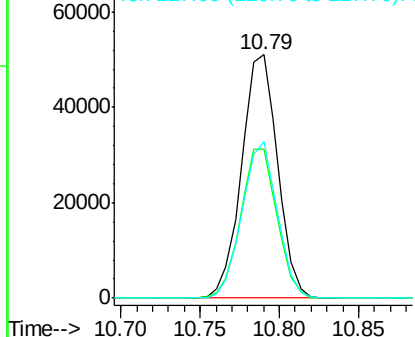


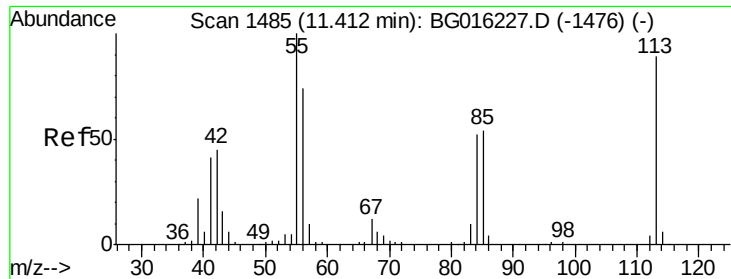
#34
 Hexachlorobutadiene
 Concen: 31.33 ng
 RT: 10.79 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80309		
223	61.2	50.4	75.6	
227	64.4	51.2	76.8	



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





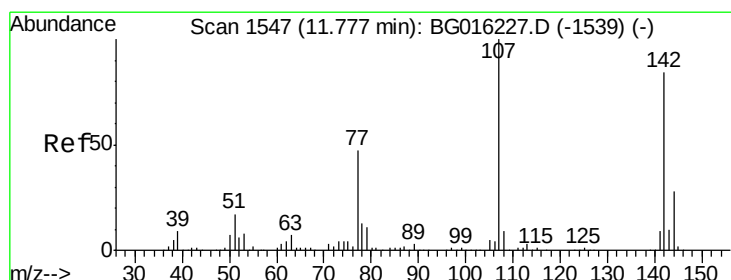
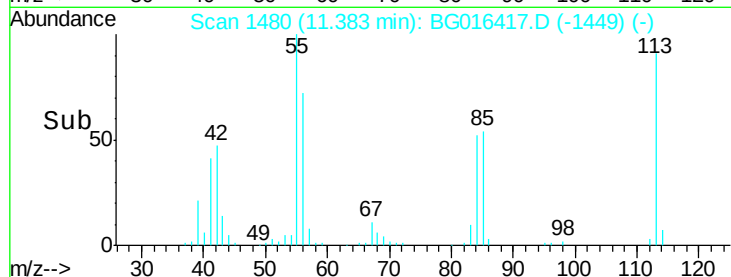
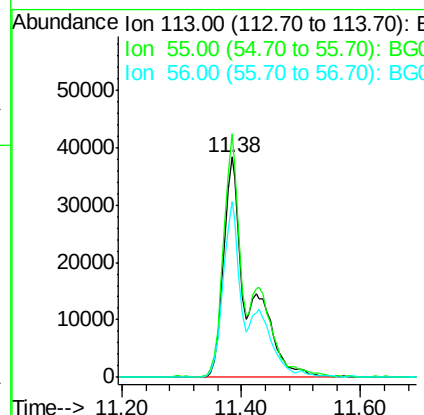
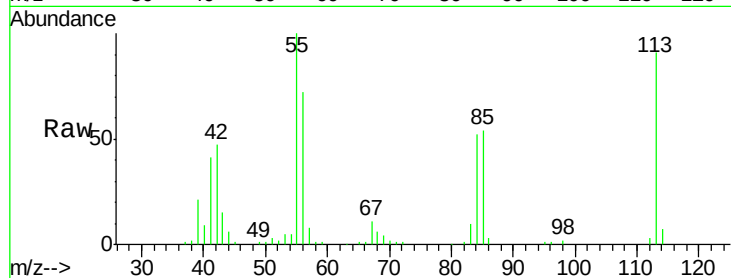
#35
 Caprolactam
 Concen: 32.26 ng m
 RT: 11.38 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	113501		
55	110.4	92.4	132.4	
56	80.0	63.2	103.2	

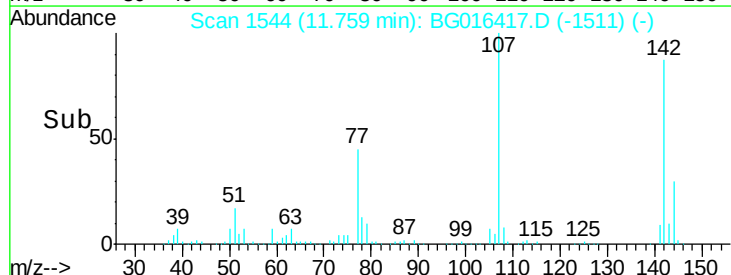
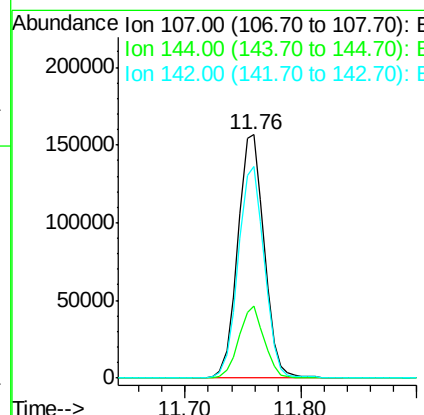
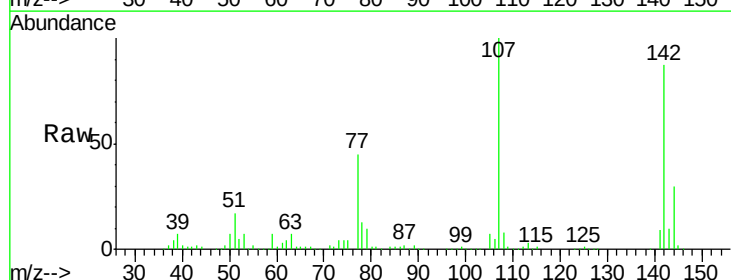
Manual Integrations
 APPROVED

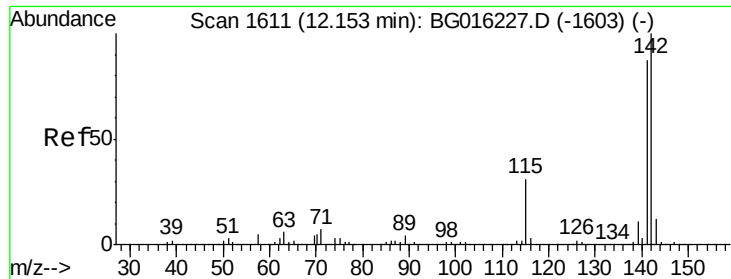
apatel
 4/16/2015 3:33:05 PM



#36
 4-Chloro-3-methylphenol
 Concen: 33.66 ng
 RT: 11.76 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	248525		
144	29.6	22.0	33.0	
142	86.7	67.0	100.6	





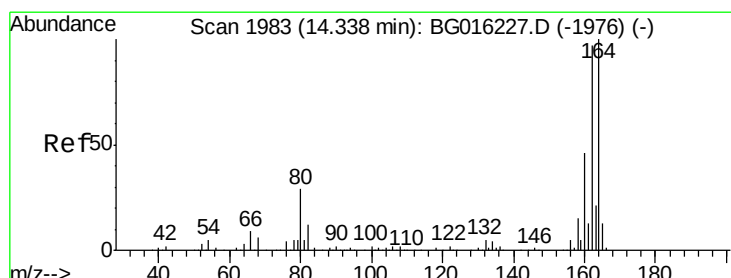
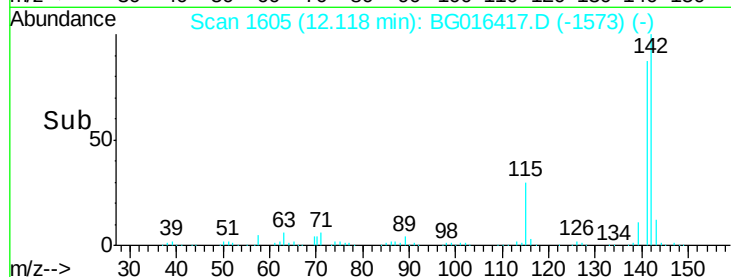
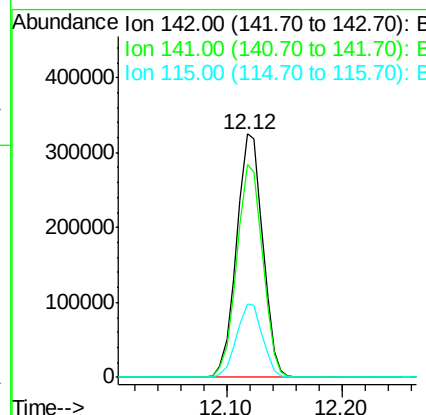
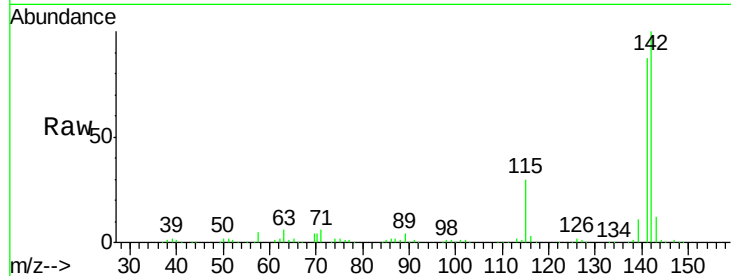
#37
2-Methylnaphthalene
Concen: 30.97 ng
RT: 12.12 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.3	103.9
115	30.1	25.0	37.6

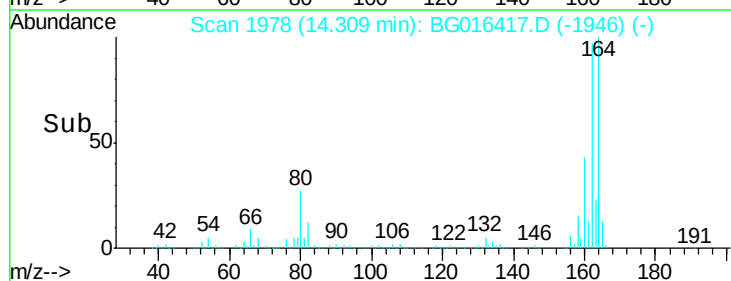
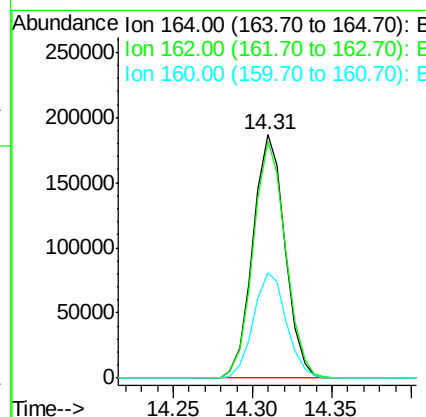
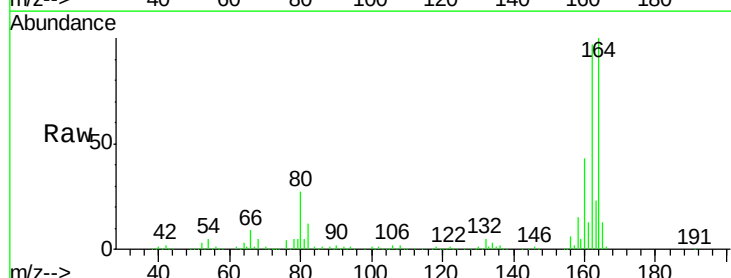
Manual Integrations
APPROVED

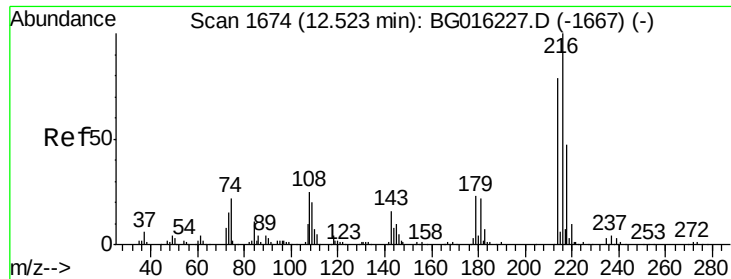
apatel
4/16/2015 3:33:05 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.3	115.9
160	43.3	36.7	55.1





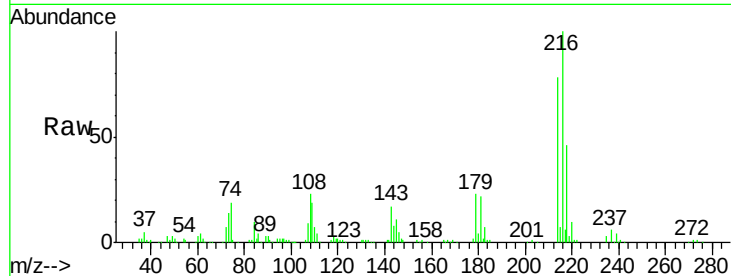
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.35 ng
 RT: 12.49 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

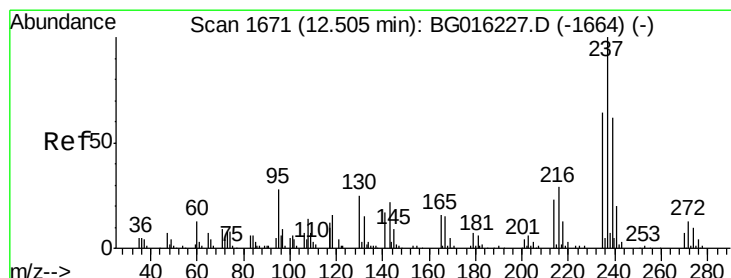
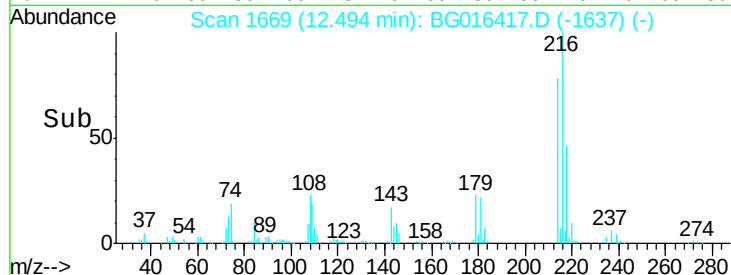
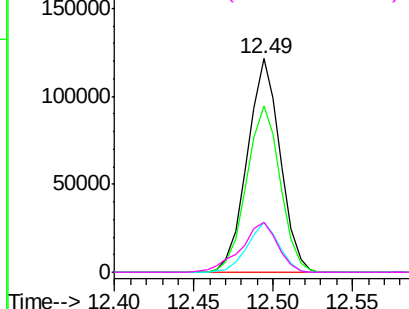
Tgt Ion:	216	Resp:	174907
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.4	95.0
179	22.3	18.2	27.2
108	26.3	21.2	31.8

Manual Integrations
 APPROVED

apatel
 4/16/2015 3:33:05 PM

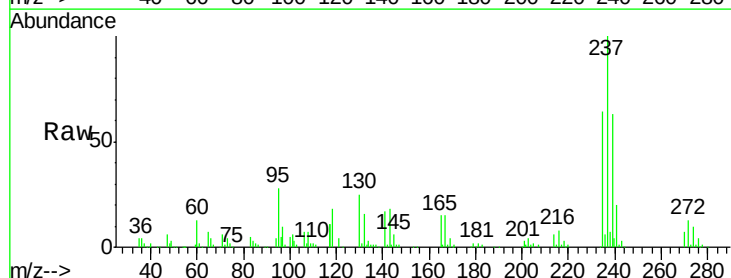


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

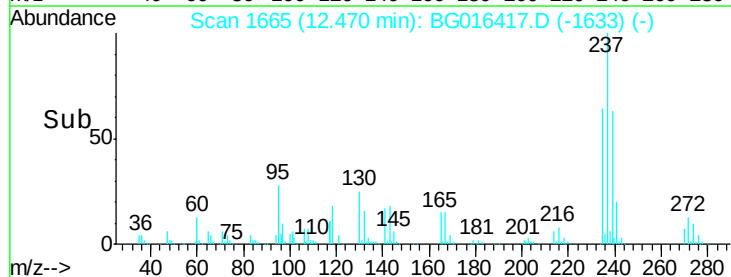
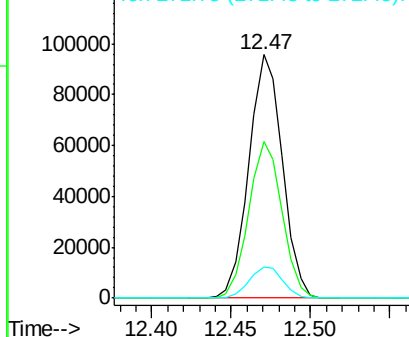


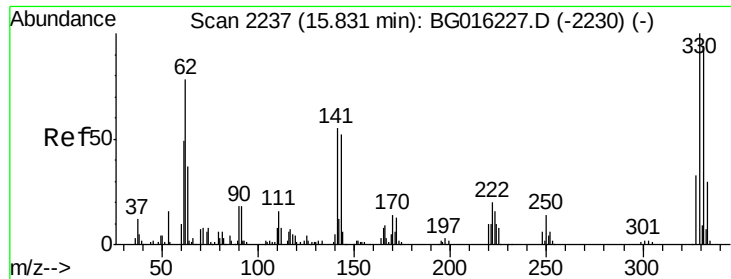
#40
 Hexachlorocyclopentadiene
 Concen: 53.24 ng
 RT: 12.47 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion:	237	Resp:	140448
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.9	83.9
272	13.0	0.0	33.1



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





#41

2,4,6-Tribromophenol

Concen: 101.01 ng

RT: 15.80 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

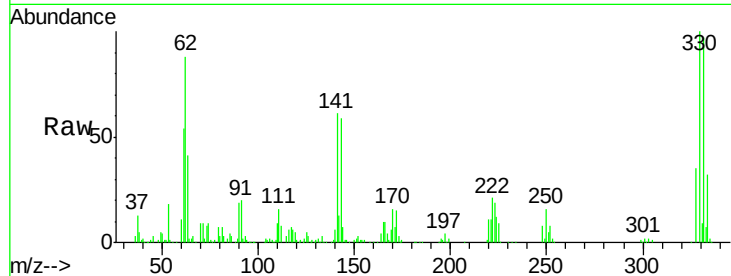
ClientSampleId :

FS-025MSD

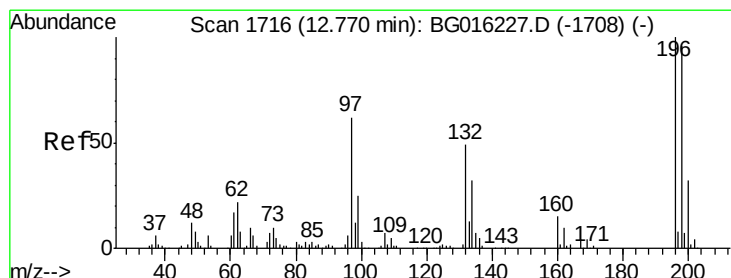
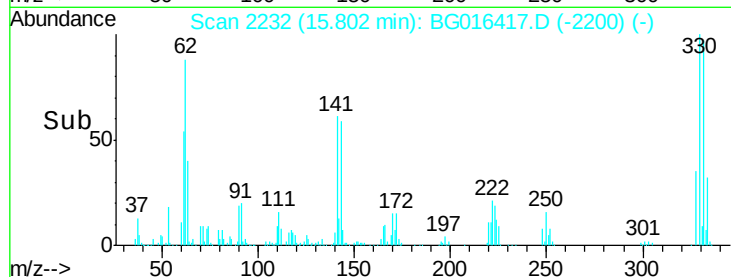
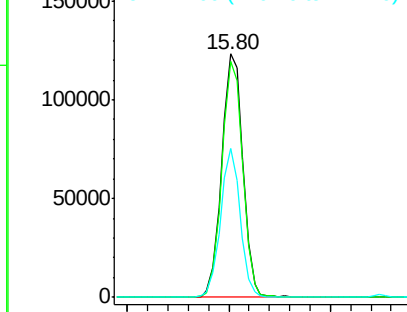
Tgt Ion:	330	Resp:	178827
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.8	113.6
141	56.7	46.6	69.8

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



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



#42

2,4,6-Trichlorophenol

Concen: 33.31 ng

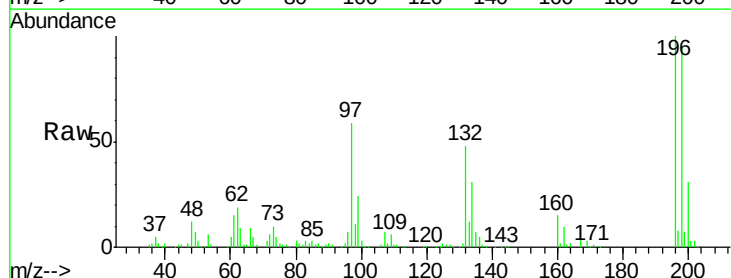
RT: 12.74 min Scan# 1711

Delta R.T. -0.01 min

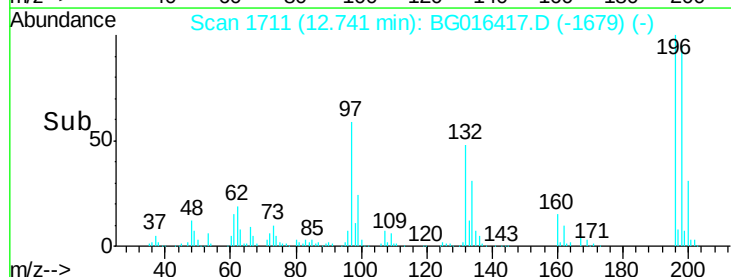
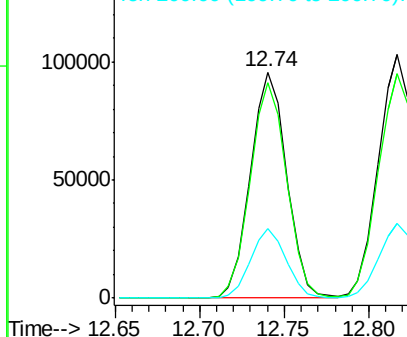
Lab File: BG016417.D

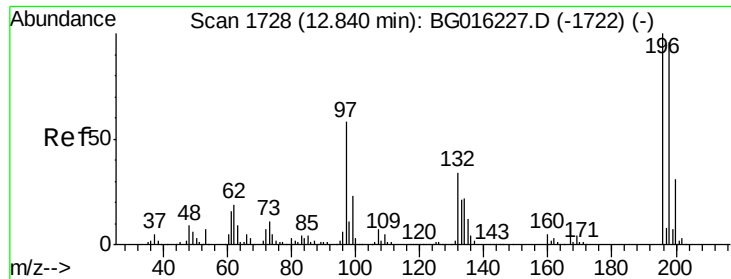
Acq: 15 Apr 2015 11:47

Tgt Ion:	196	Resp:	142635
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.2	115.8
200	30.7	25.3	37.9



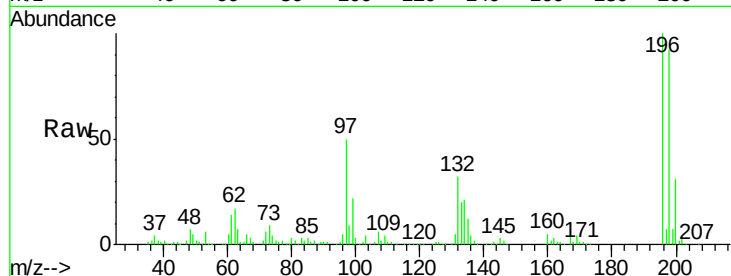
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 34.52 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

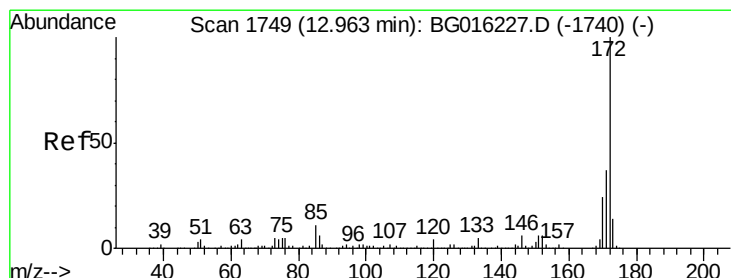
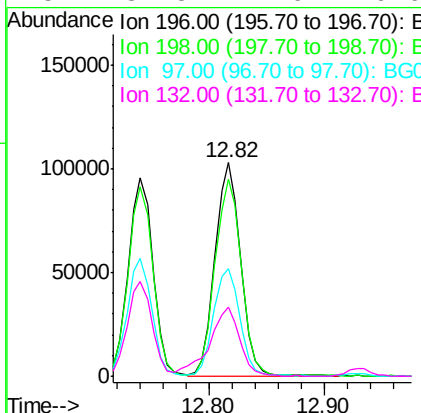
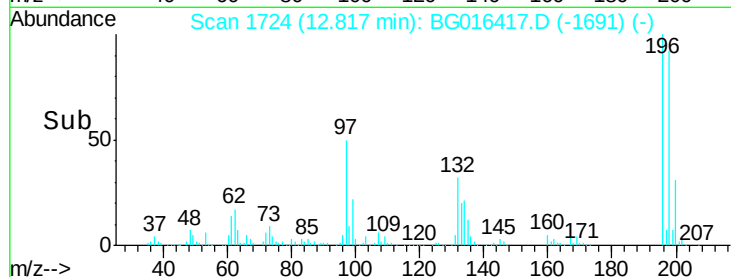
Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157938		
198	92.1	77.1	115.7	
97	50.2	46.6	69.8	
132	32.3	27.0	40.6	

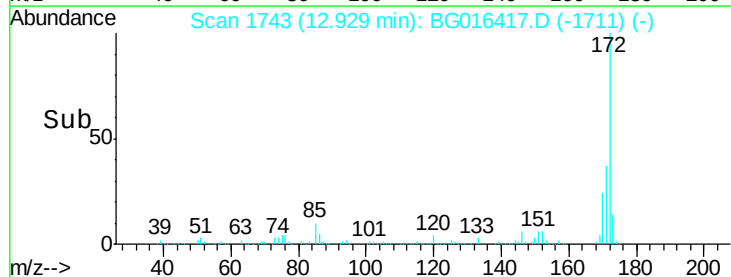
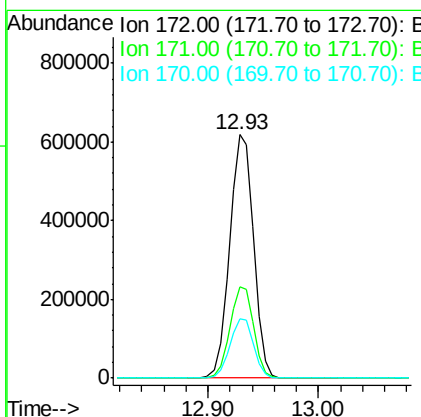
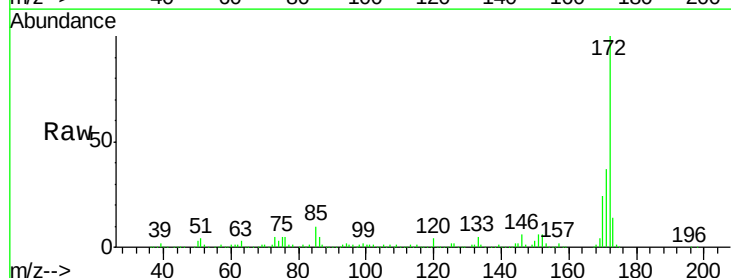
Manual Integrations
 APPROVED

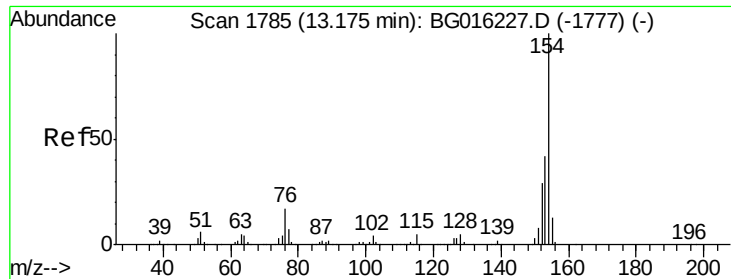
apatel
 4/16/2015 3:33:05 PM



#44
 2-Fluorobiphenyl
 Concen: 60.84 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	935436		
171	37.5	29.6	44.4	
170	24.2	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 31.18 ng

RT: 13.14 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

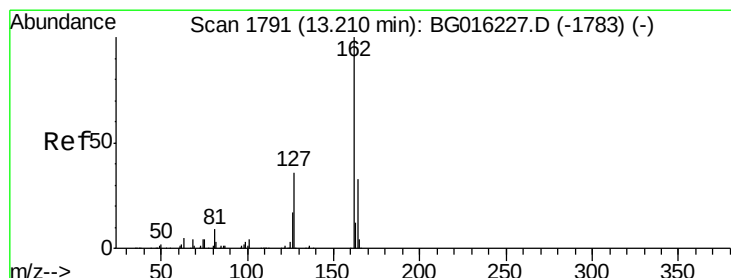
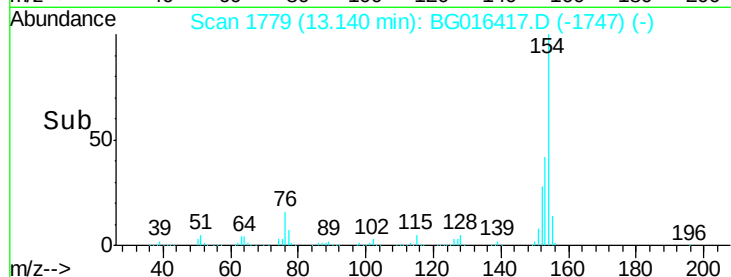
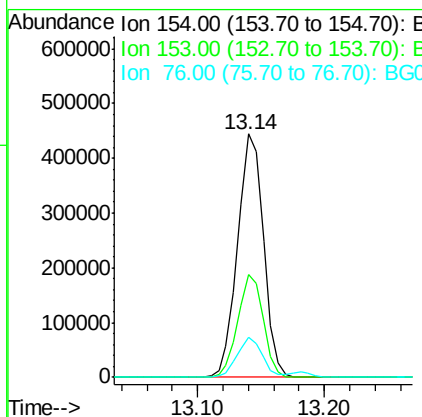
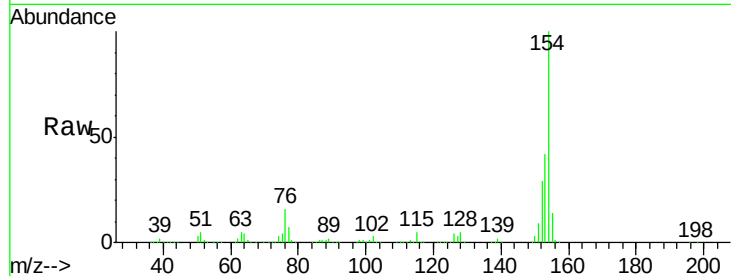
ClientSampleId :

FS-025MSD

Tgt Ion:	154	Resp:	626030
Ion Ratio	Lower	Upper	
154	100		
153	42.0	22.4	62.4
76	16.5	0.0	37.1

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#46

2-Chloronaphthalene

Concen: 30.50 ng

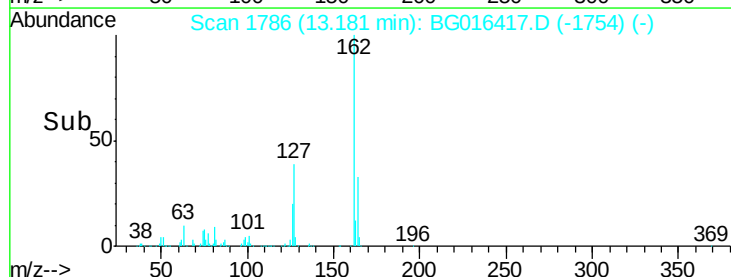
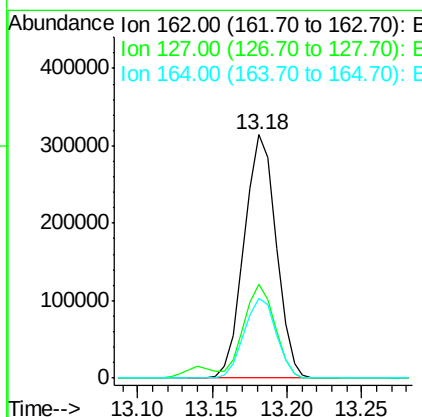
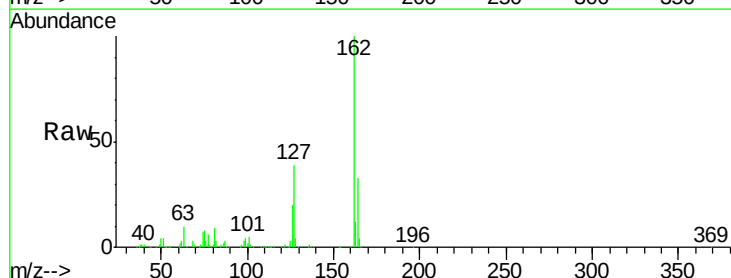
RT: 13.18 min Scan# 1786

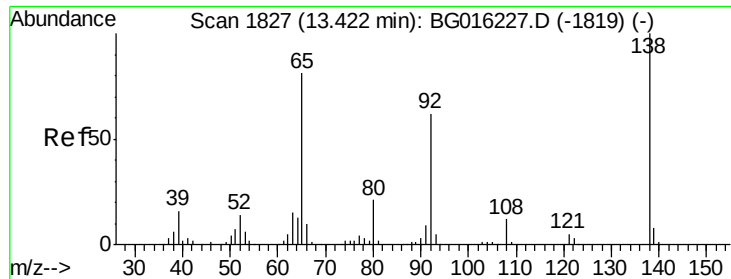
Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	162	Resp:	466517
Ion Ratio	Lower	Upper	
162	100		
127	38.7	30.8	46.2
164	32.9	26.6	40.0





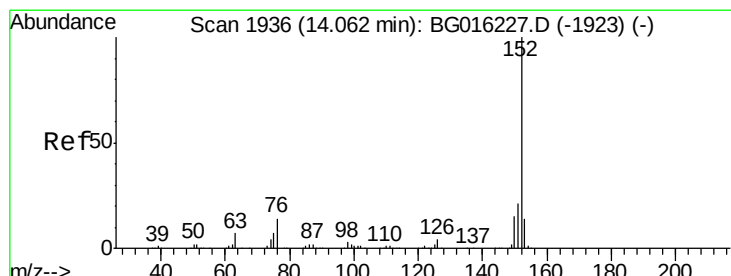
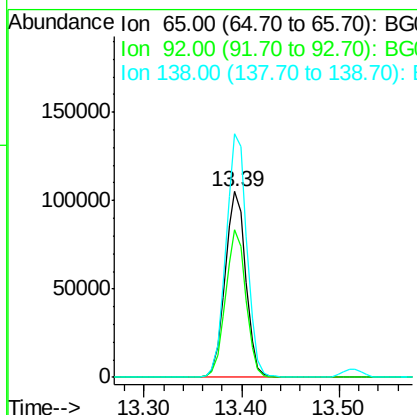
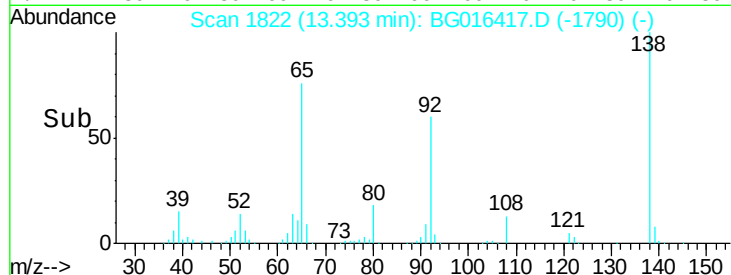
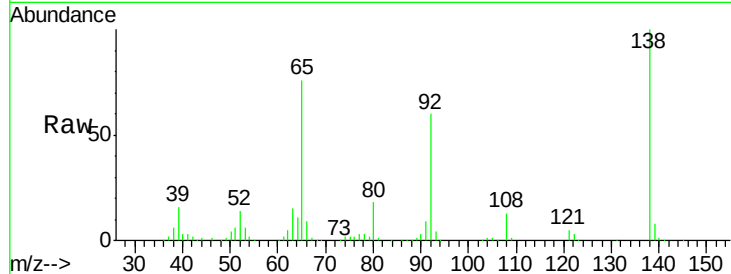
#47
 2-Nitroaniline
 Concen: 31.26 ng
 RT: 13.39 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Tgt Ion:	65	Resp:	154122
Ion Ratio	Lower	Upper	
65	100		
92	79.4	61.0	91.6
138	131.3	98.7	148.1

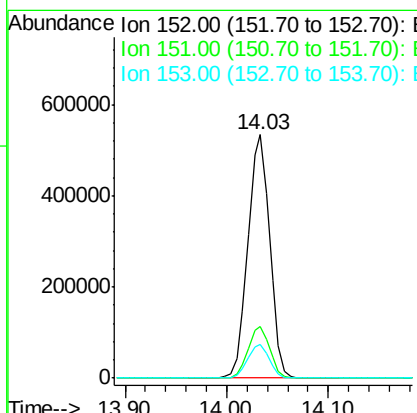
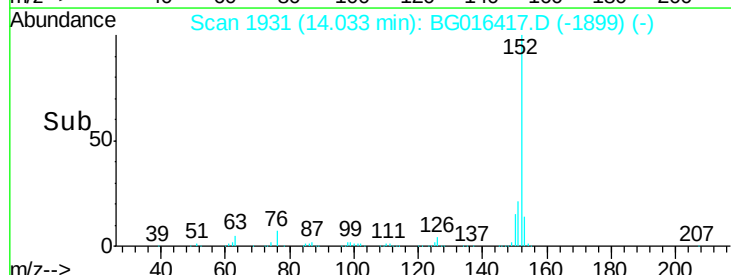
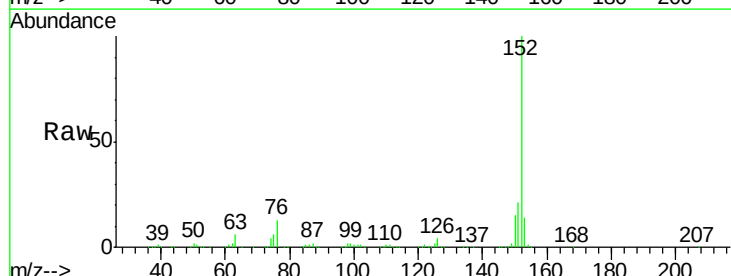
Manual Integrations
 APPROVED

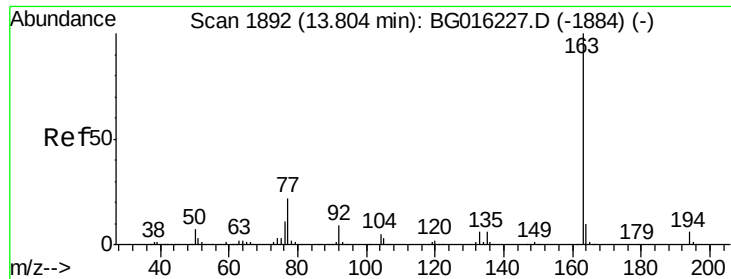
apatel
 4/16/2015 3:33:05 PM



#48
 Acenaphthylene
 Concen: 29.33 ng
 RT: 14.03 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion:	152	Resp:	797715
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.5	24.7
153	14.0	11.1	16.7





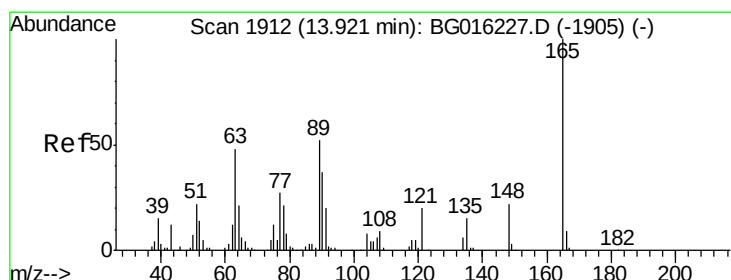
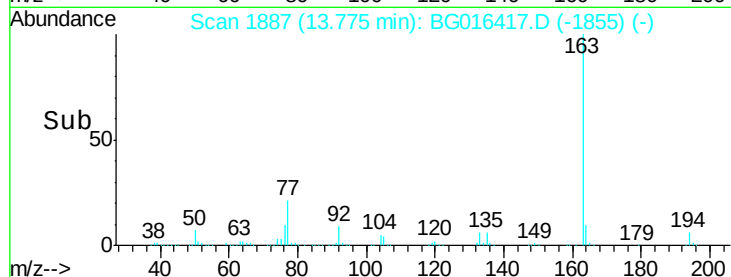
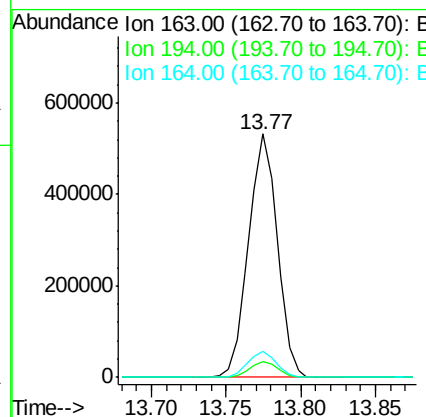
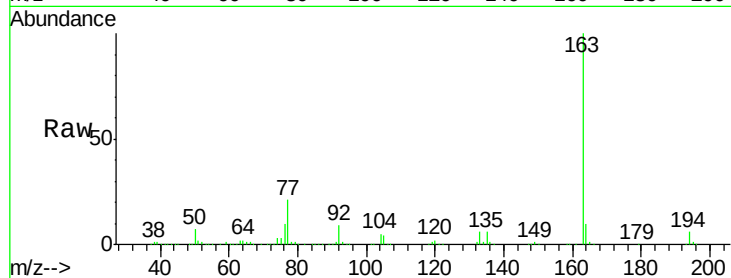
#49
Dimethylphthalate
Concen: 36.85 ng
RT: 13.77 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.2	5.0	7.4
164	10.5	8.2	12.4

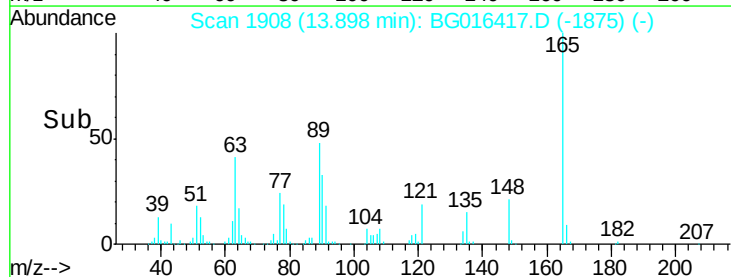
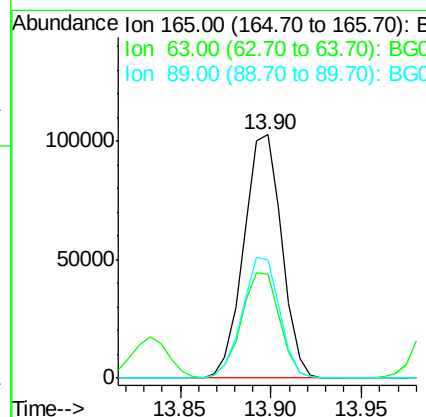
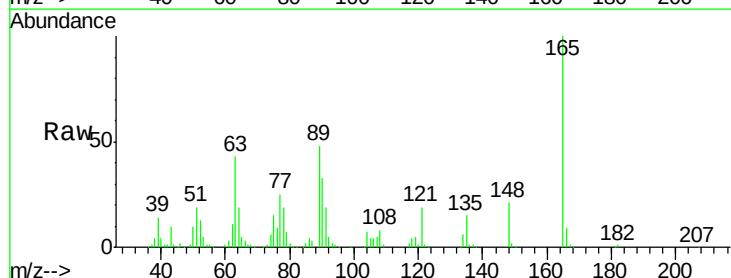
Manual Integrations
APPROVED

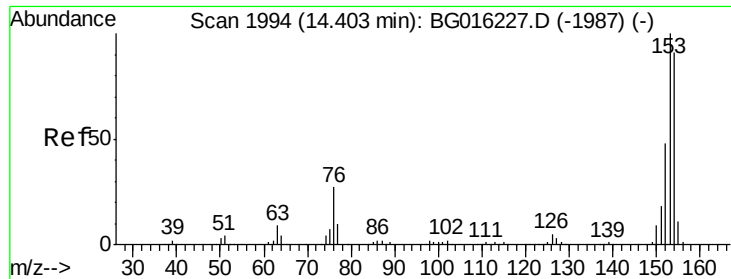
apatel
4/16/2015 3:33:05 PM



#50
2,6-Dinitrotoluene
Concen: 32.12 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.8	39.3	58.9
89	48.3	41.3	61.9





#51

Acenaphthene

Concen: 30.15 ng

RT: 14.37 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG016417.D

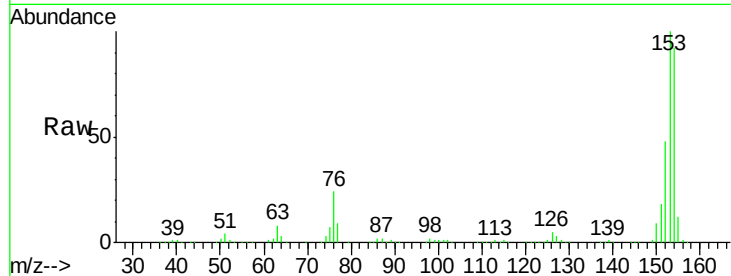
Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

ClientSampleId :

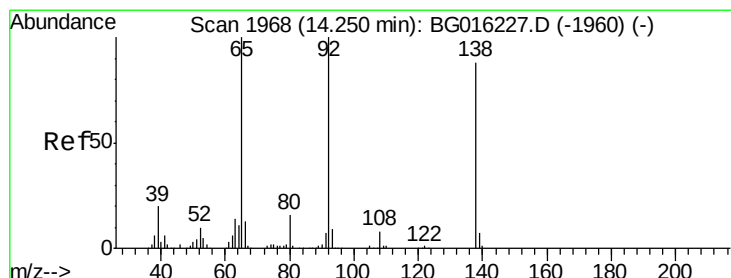
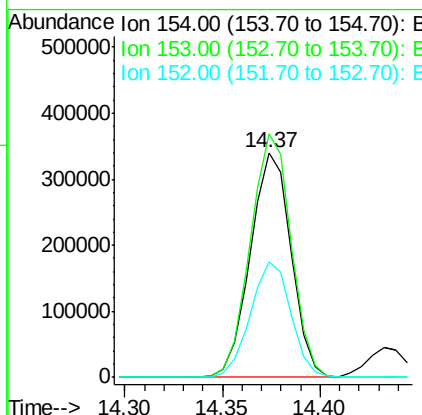
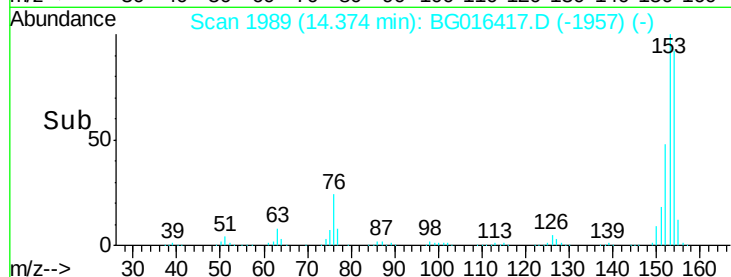
FS-025MSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	489995		
153	108.3	87.5	131.3	
152	51.5	42.1	63.1	

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#52

3-Nitroaniline

Concen: 27.24 ng

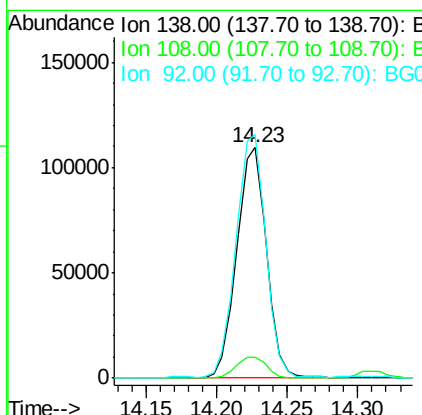
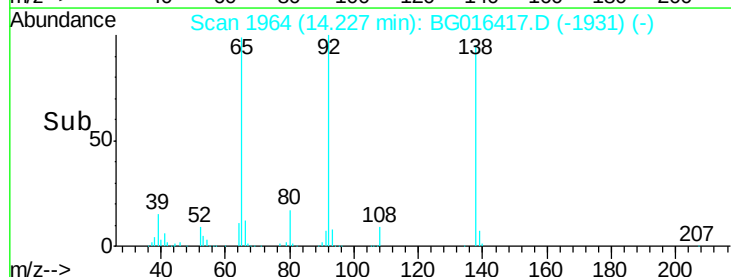
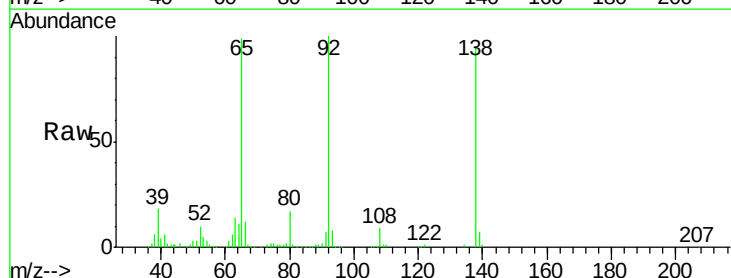
RT: 14.23 min Scan# 1964

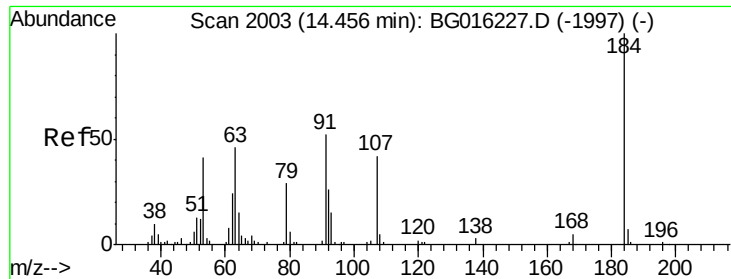
Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	161391		
108	9.3	7.4	11.0	
92	105.7	91.4	137.0	





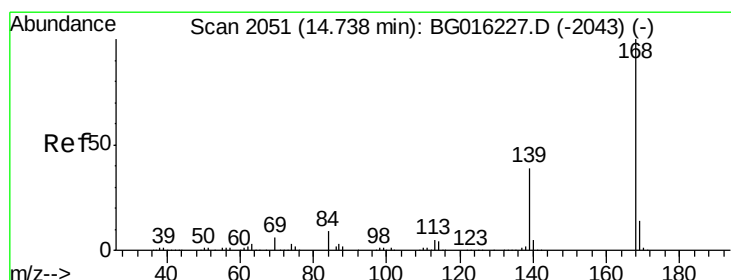
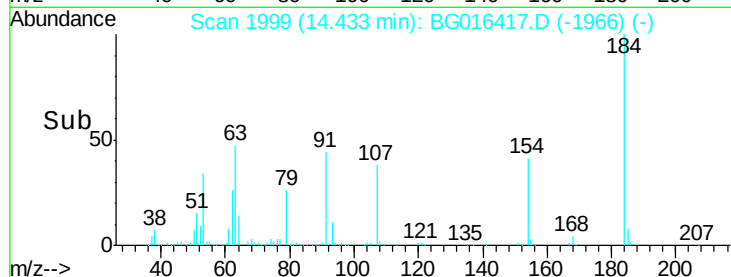
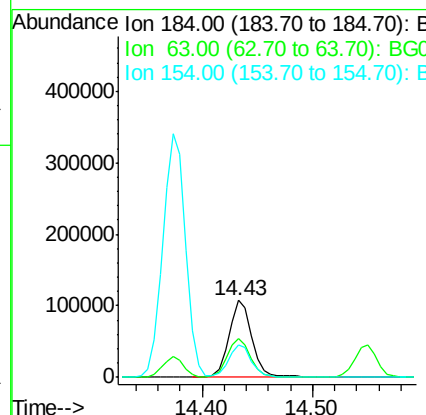
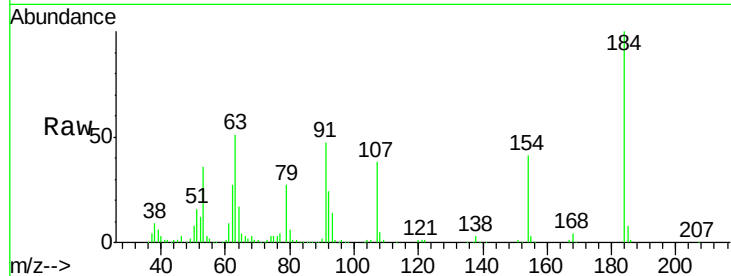
#53
2,4-Dinitrophenol
Concen: 60.71 ng
RT: 14.43 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	157040		
63	51.3	45.8	68.6	
154	41.5	34.5	51.7	

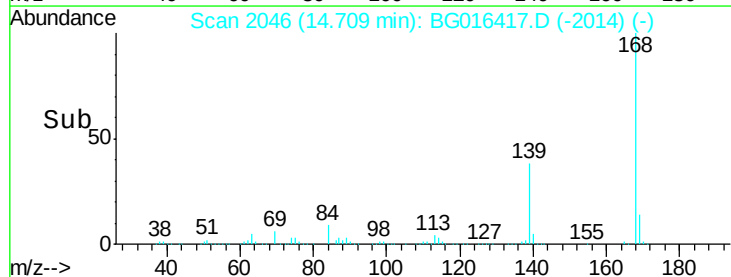
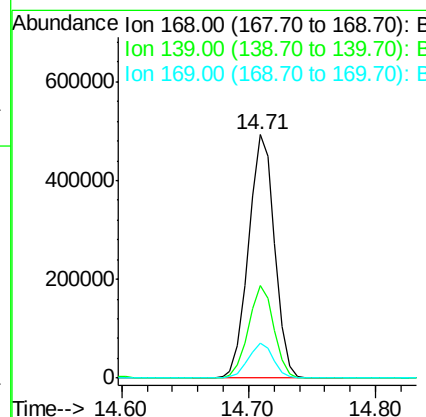
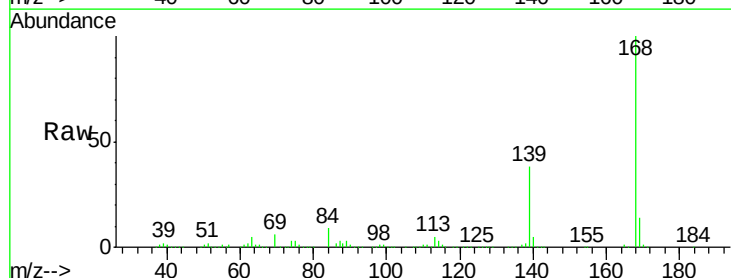
Manual Integrations
APPROVED

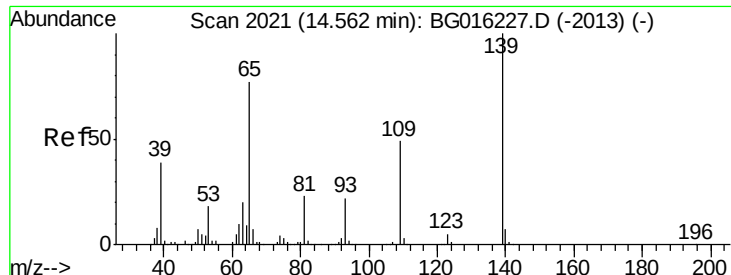
apatel
4/16/2015 3:33:05 PM



#54
Dibenzofuran
Concen: 31.12 ng
RT: 14.71 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	701962		
139	38.2	31.0	46.6	
169	14.4	11.2	16.8	





#55

4-Nitrophenol

Concen: 65.72 ng

RT: 14.55 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

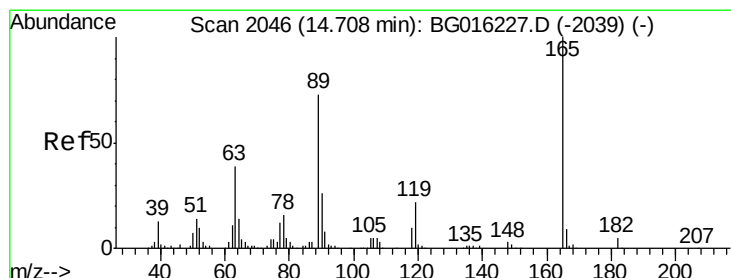
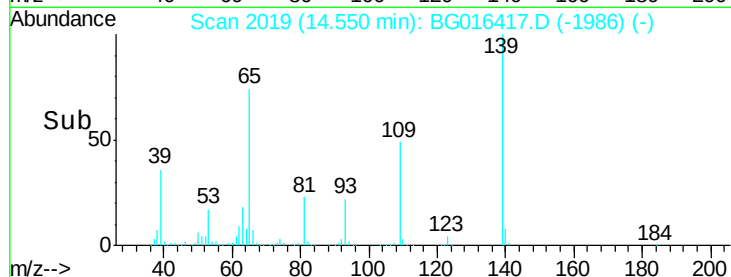
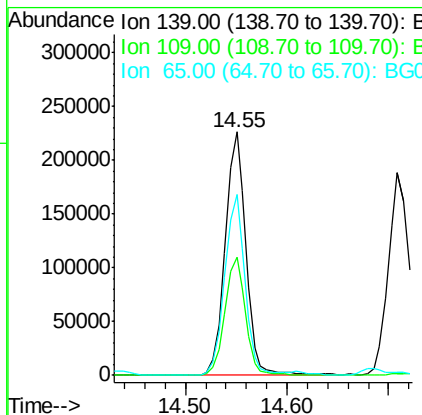
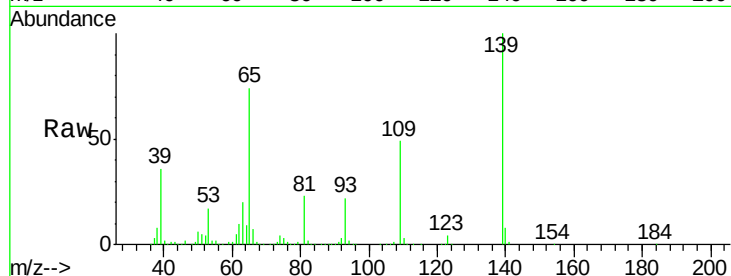
ClientSampleId :

FS-025MSD

Tgt Ion:	139	Resp:	321861
Ion Ratio	Lower	Upper	
139	100		
109	48.5	28.5	68.5
65	74.1	56.9	96.9

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#56

2,4-Dinitrotoluene

Concen: 32.81 ng

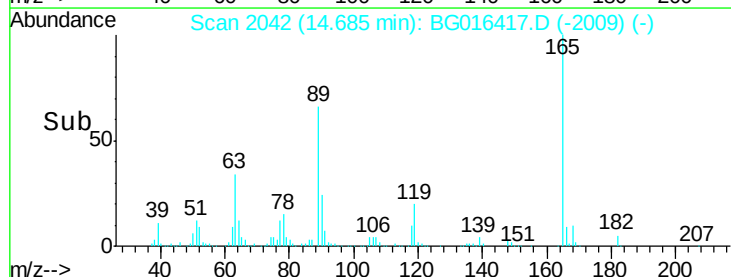
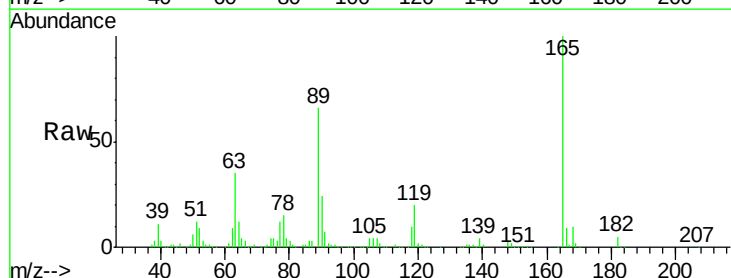
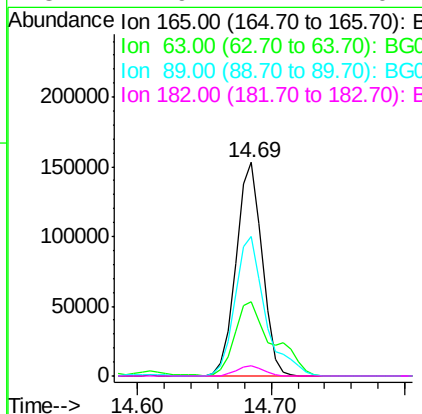
RT: 14.69 min Scan# 2042

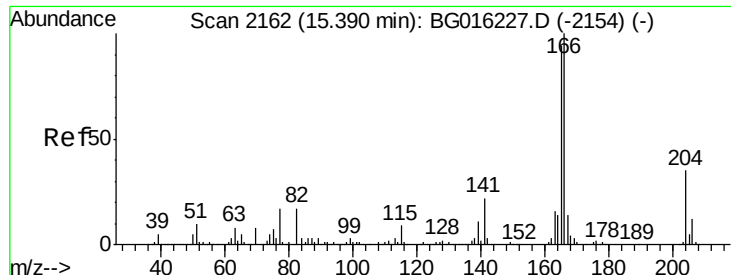
Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	165	Resp:	207365
Ion Ratio	Lower	Upper	
165	100		
63	35.0	31.4	47.2
89	65.5	58.8	88.2
182	4.9	4.1	6.1





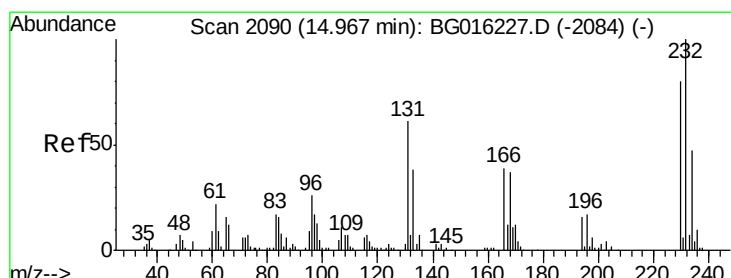
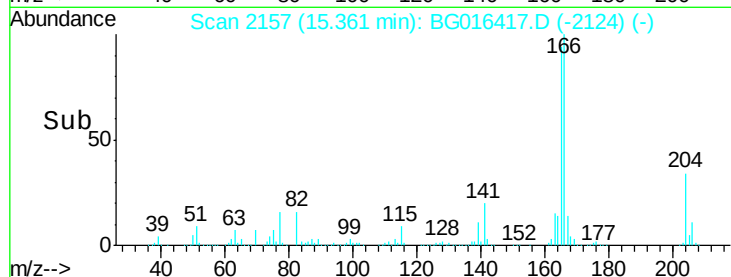
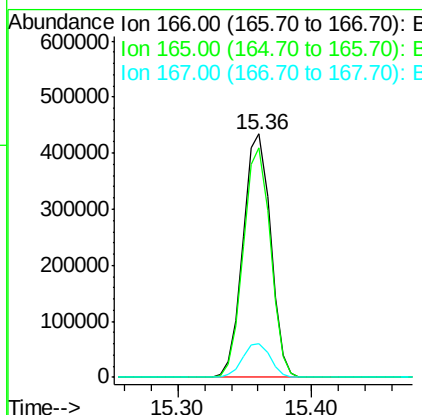
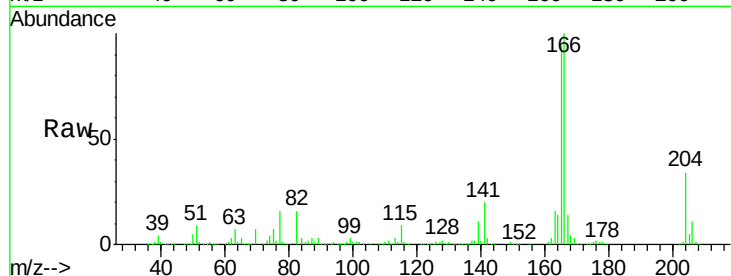
#57
 Fluorene
 Concen: 30.95 ng
 RT: 15.36 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	615847		
165	94.1	75.2	112.8	
167	13.8	11.3	16.9	

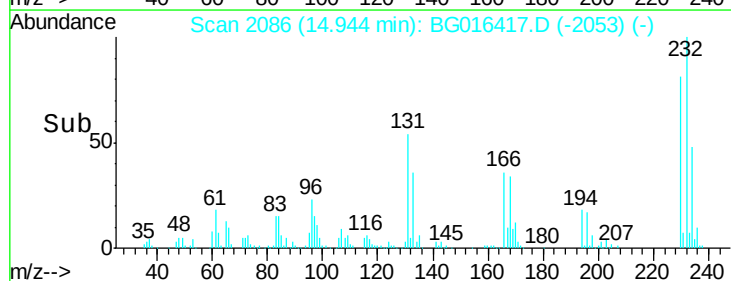
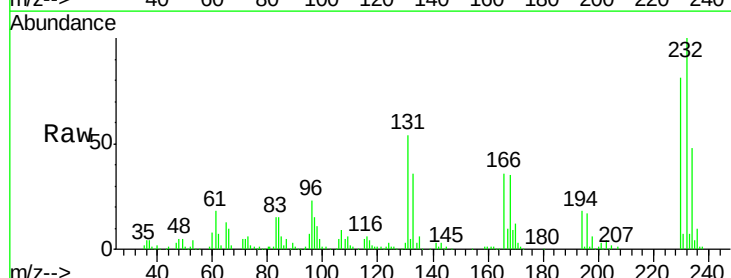
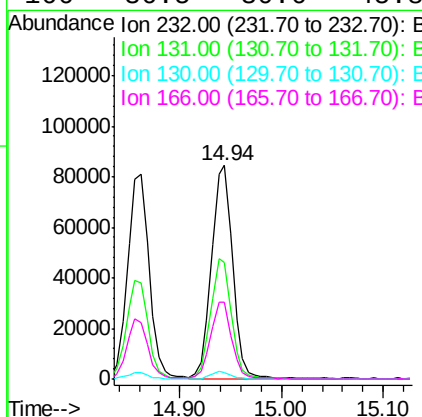
Manual Integrations
 APPROVED

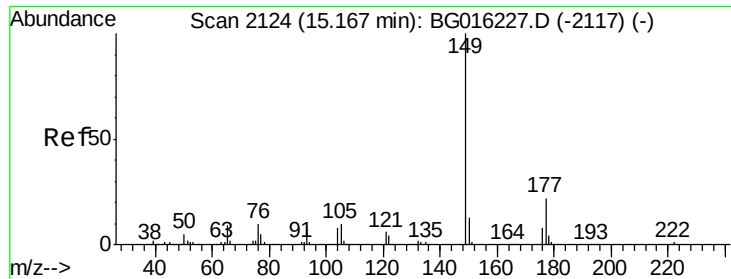
apatel
 4/16/2015 3:33:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.61 ng
 RT: 14.94 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	122220		
131	55.0	49.8	74.6	
130	3.3	2.6	3.8	
166	36.5	30.6	45.8	





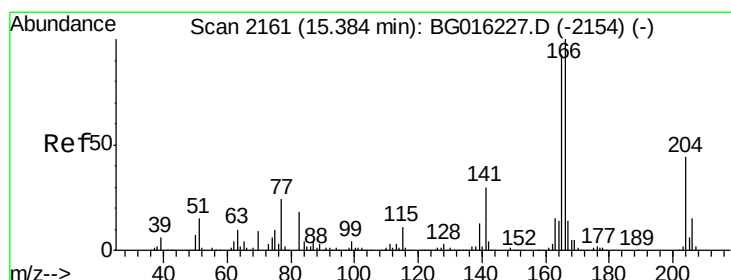
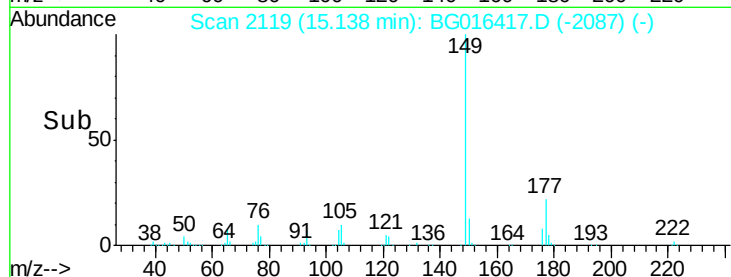
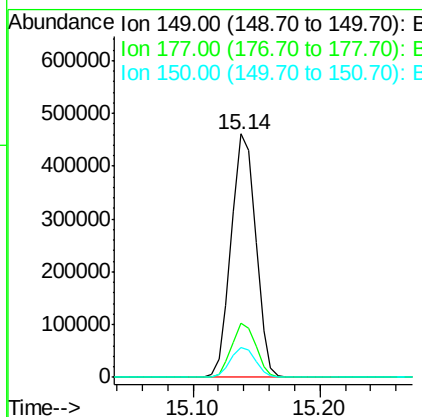
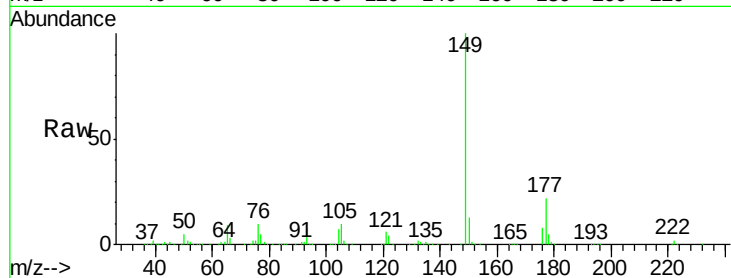
#59
Diethylphthalate
Concen: 30.22 ng
RT: 15.14 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	617210		
177	22.4	17.7	26.5	
150	12.5	10.0	15.0	

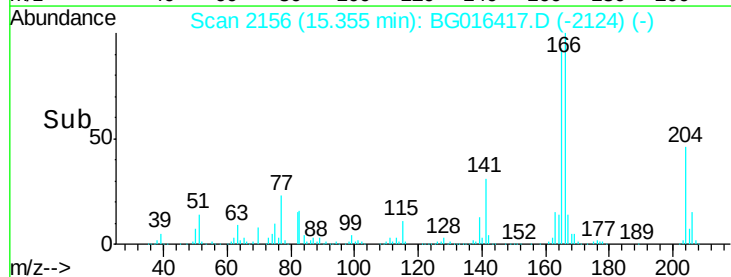
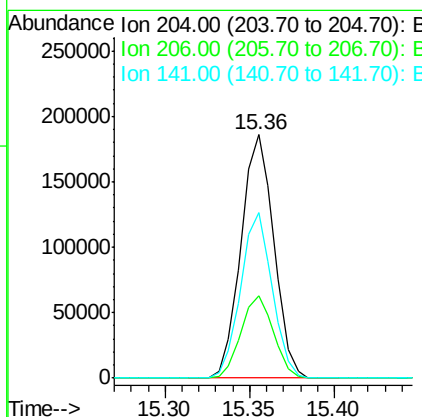
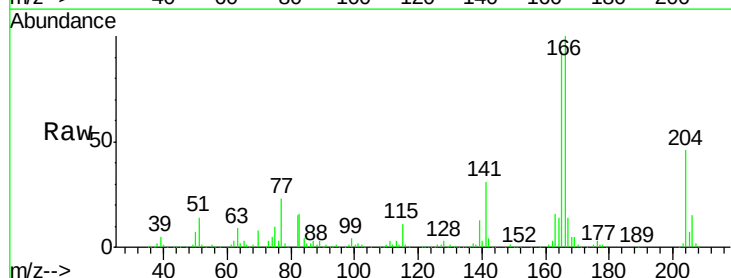
Manual Integrations
APPROVED

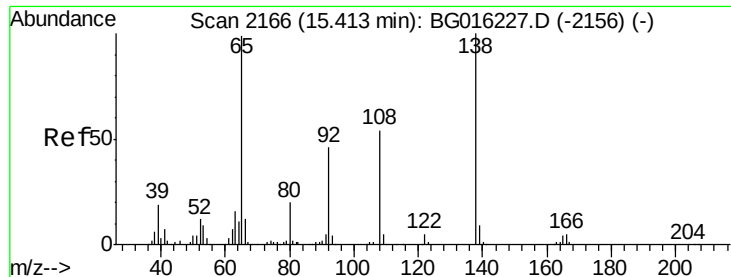
apatel
4/16/2015 3:33:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 30.97 ng
RT: 15.36 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	252112		
206	33.7	27.6	41.4	
141	67.8	55.4	83.2	





#61

4-Nitroaniline

Concen: 30.26 ng

RT: 15.39 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG016417.D

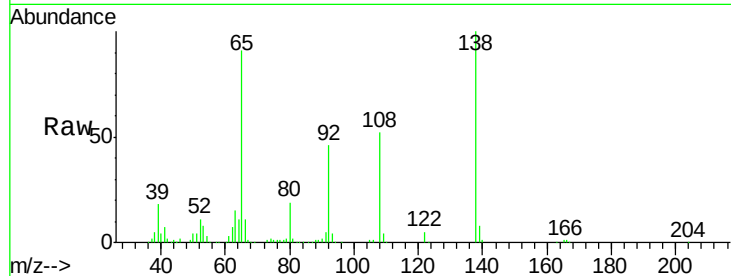
Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

ClientSampleId :

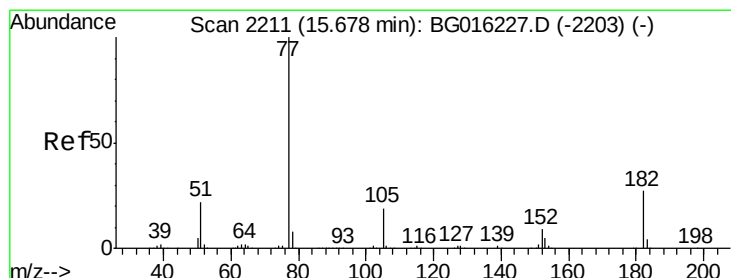
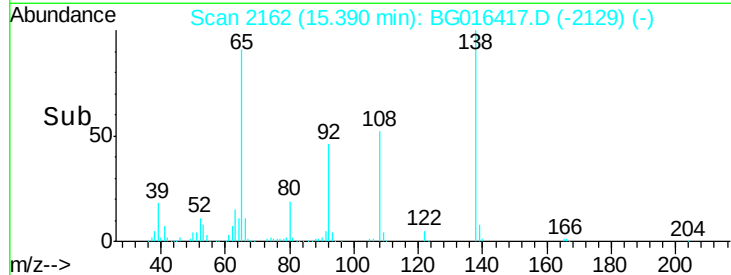
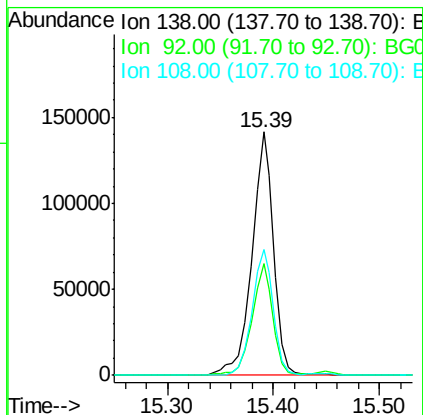
FS-025MSD



Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.3	66.3
108	51.8	33.6	73.6

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#62

Azobenzene

Concen: 35.60 ng

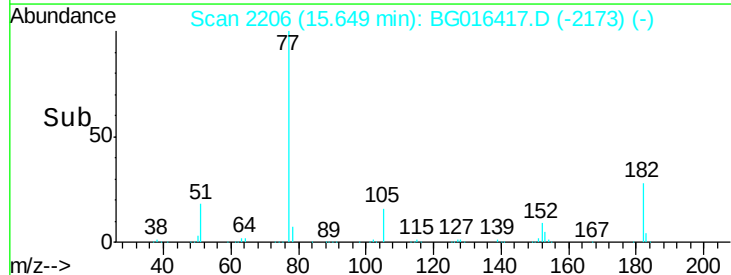
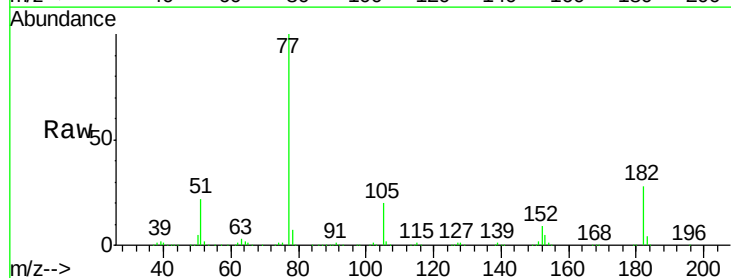
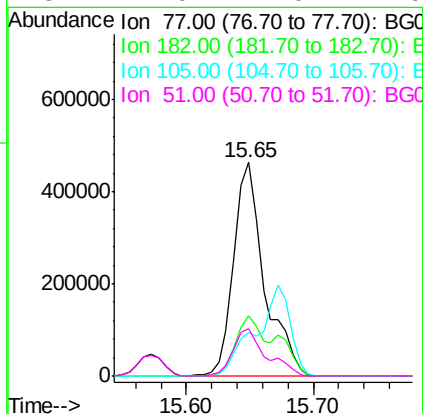
RT: 15.65 min Scan# 2206

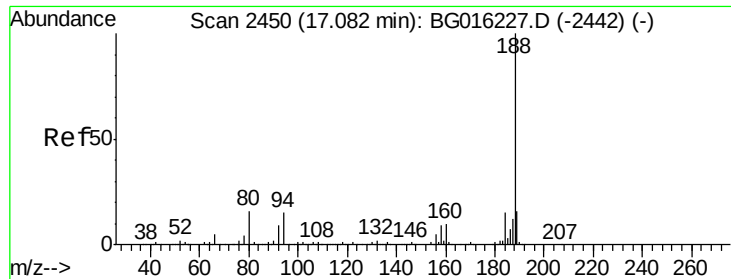
Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.6	46.6
105	20.4	0.0	39.2
51	22.0	2.0	42.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

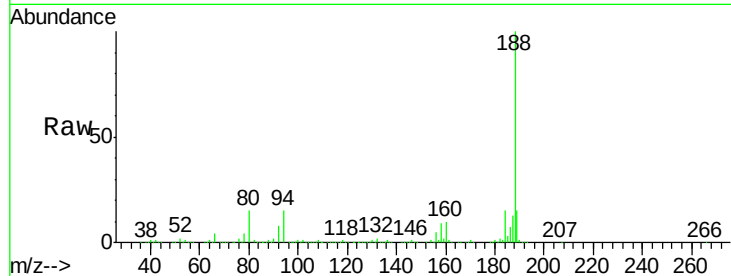
ClientSampleId :

FS-025MSD

Tgt Ion:	188	Resp:	548466
Ion Ratio	Lower	Upper	
188	100		
94	15.0	12.2	18.4
80	15.3	12.8	19.2

Manual Integrations
APPROVED

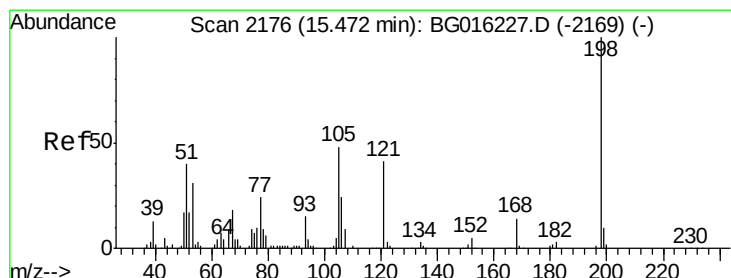
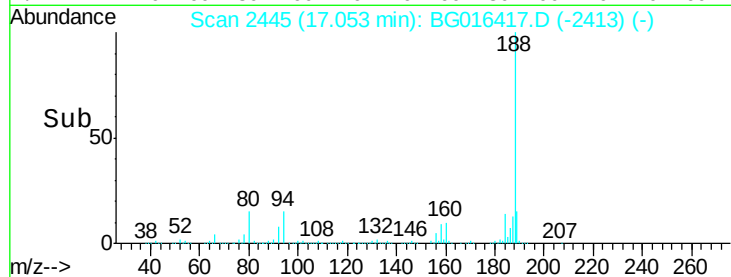
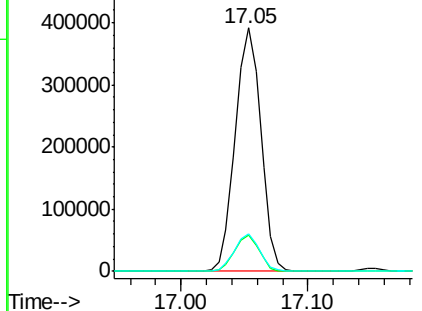
apatel
4/16/2015 3:33:05 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 31.23 ng

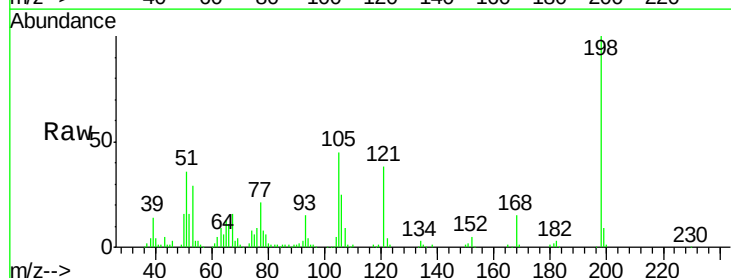
RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

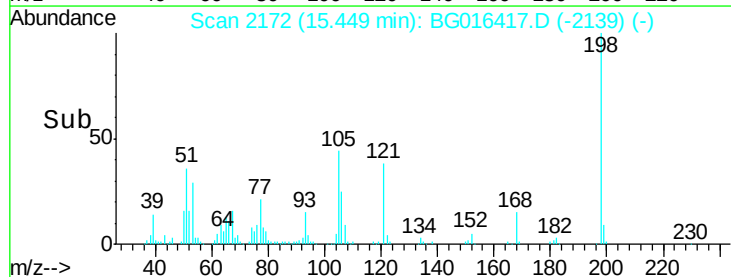
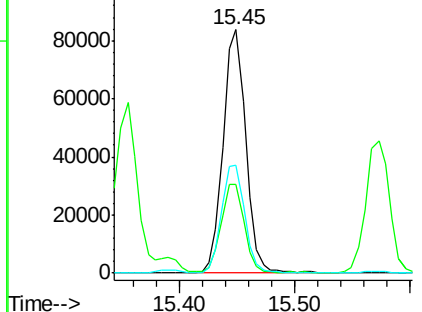
Tgt Ion:	198	Resp:	114839
Ion Ratio	Lower	Upper	
198	100		
51	36.2	20.7	60.7
105	44.5	28.8	68.8

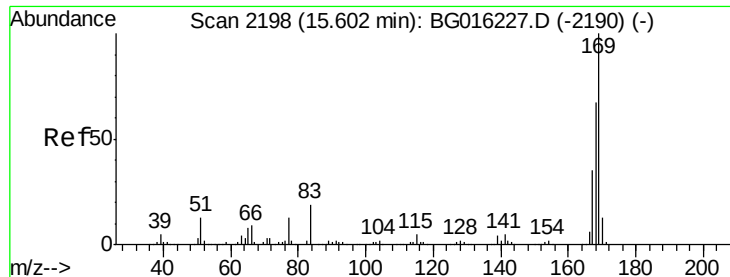


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 29.91 ng

RT: 15.57 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG016417.D

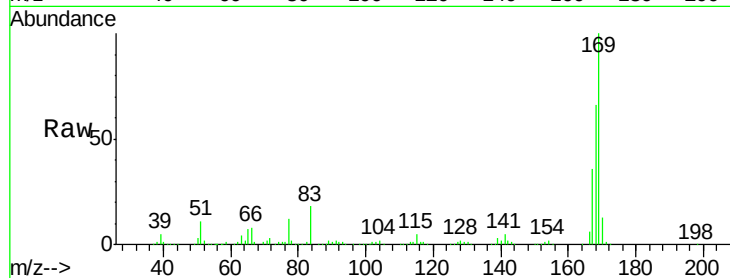
Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

ClientSampleId :

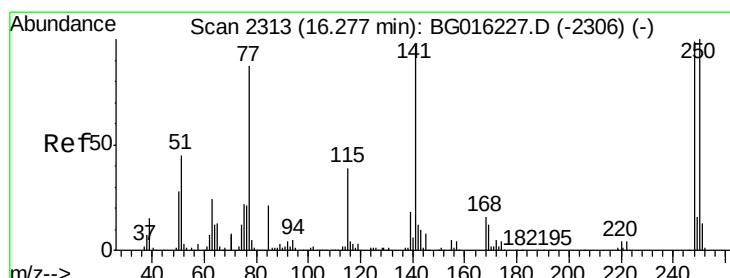
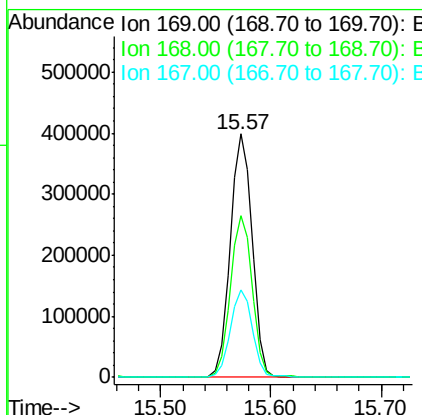
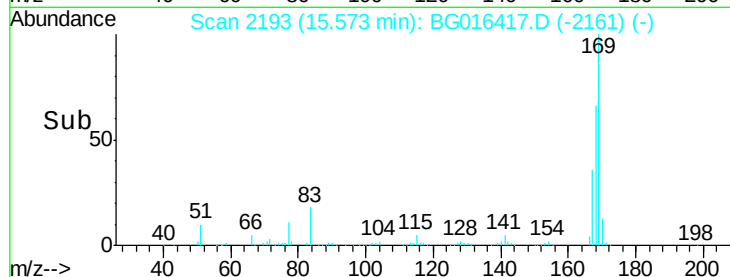
FS-025MSD



Tgt Ion:	169	Resp:	554654
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.4	80.0
167	35.9	28.3	42.5

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#66

4-Bromophenyl-phenylether

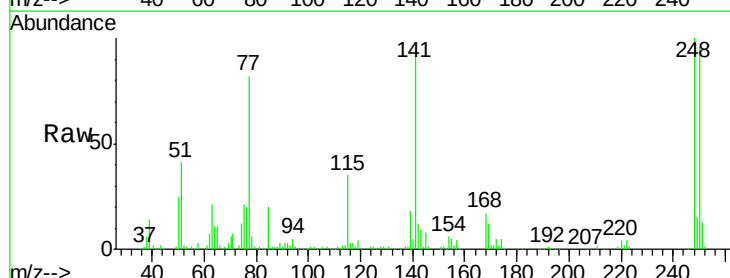
Concen: 30.49 ng

RT: 16.25 min Scan# 2308

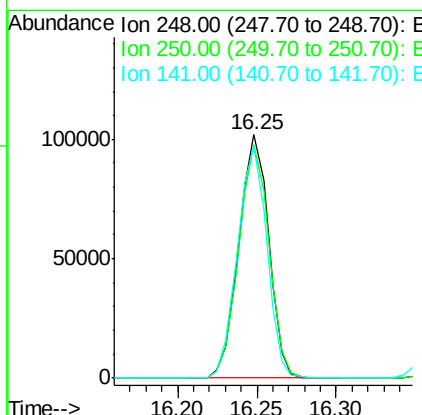
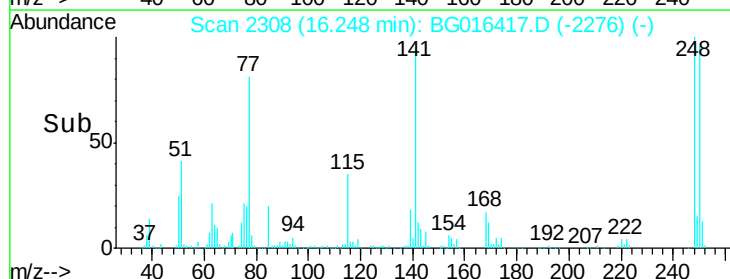
Delta R.T. -0.01 min

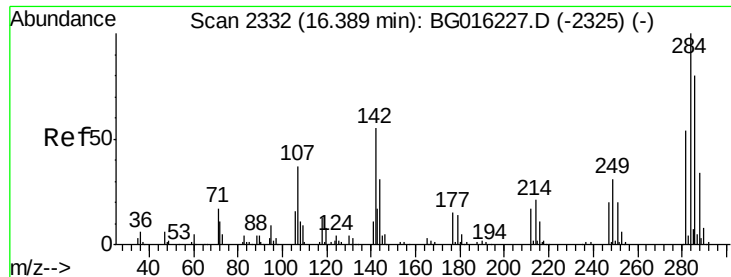
Lab File: BG016417.D

Acq: 15 Apr 2015 11:47



Tgt Ion:	248	Resp:	133523
Ion Ratio	Lower	Upper	
248	100		
250	96.0	80.5	120.7
141	95.5	78.2	117.4





#67

Hexachlorobenzene

Concen: 29.70 ng

RT: 16.36 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

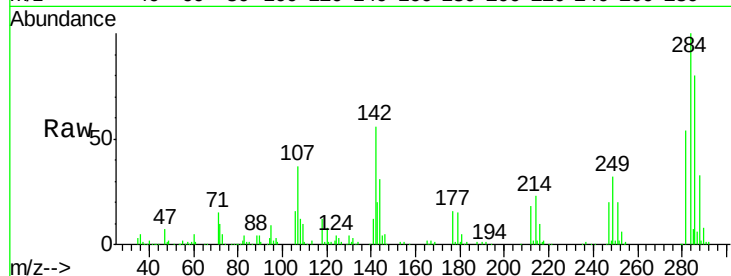
ClientSampleId :

FS-025MSD

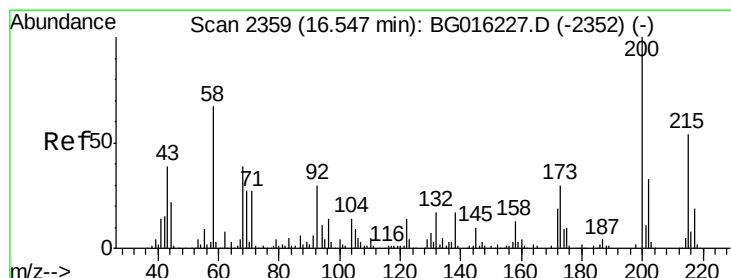
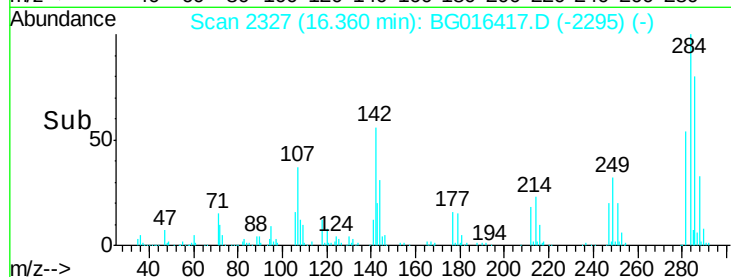
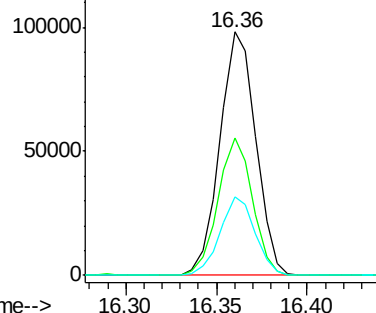
Tgt Ion:	284	Resp:	135183
Ion Ratio	Lower	Upper	
284	100		
142	56.3	44.2	66.2
249	32.1	24.8	37.2

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.42 ng

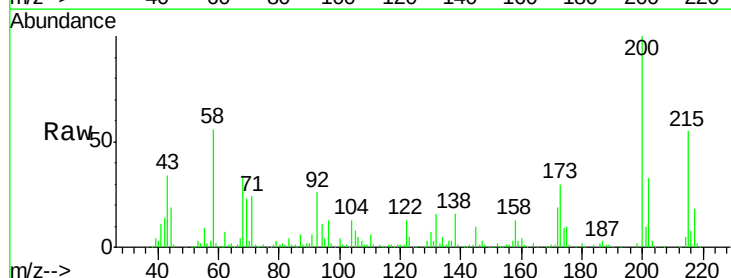
RT: 16.52 min Scan# 2355

Delta R.T. -0.00 min

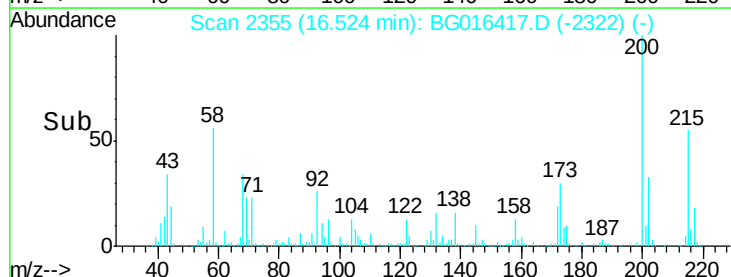
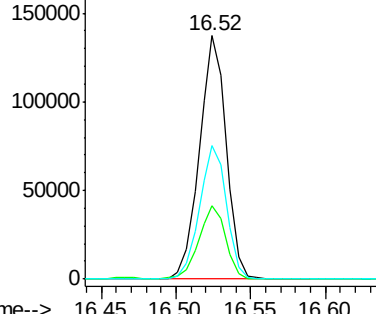
Lab File: BG016417.D

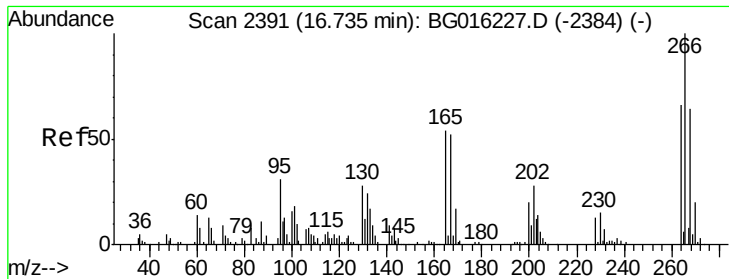
Acq: 15 Apr 2015 11:47

Tgt Ion:	200	Resp:	172717
Ion Ratio	Lower	Upper	
200	100		
173	30.1	10.2	50.2
215	55.0	34.4	74.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 59.32 ng

RT: 16.71 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG016417.D

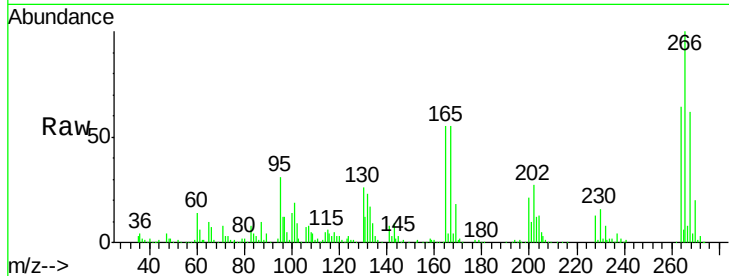
Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

ClientSampleId :

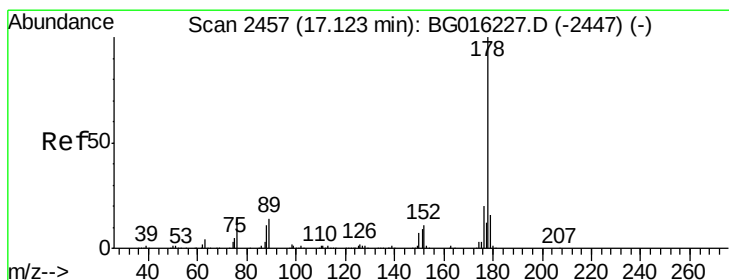
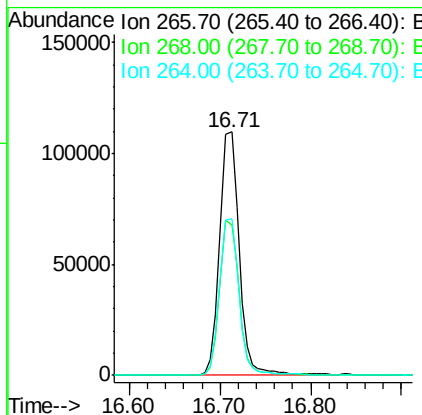
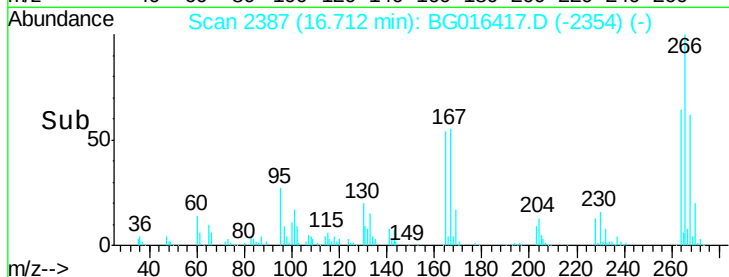
FS-025MSD



Tgt	Ion	Resp	Lower	Upper
266	100			
268	61.9	50.9	76.3	
264	64.3	52.8	79.2	

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#70

Phenanthrene

Concen: 30.09 ng

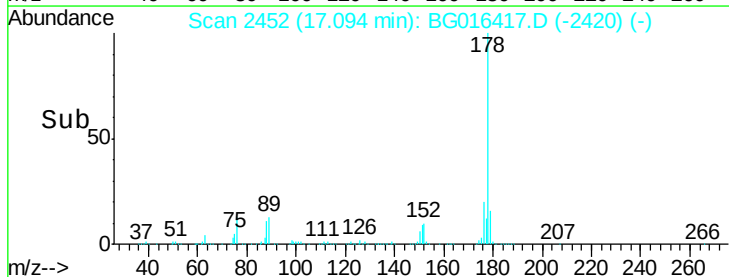
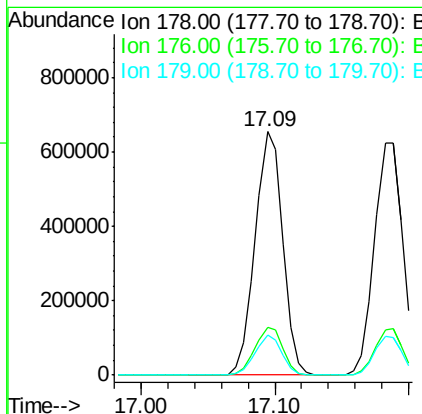
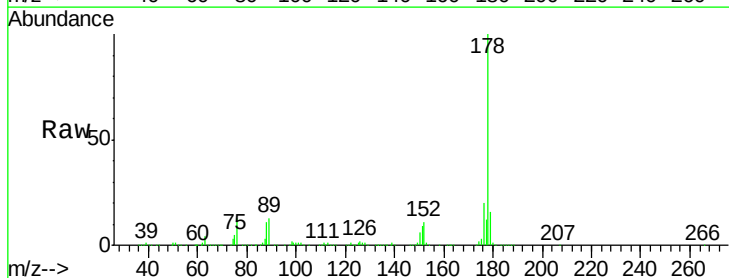
RT: 17.09 min Scan# 2452

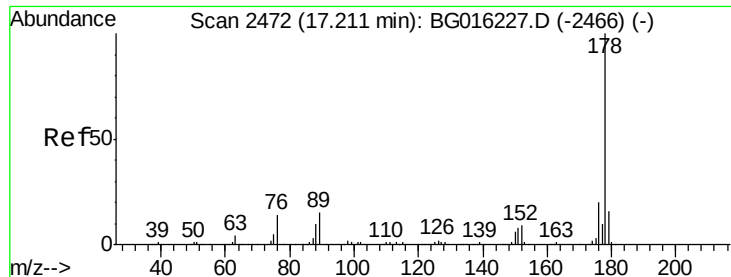
Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt	Ion	Resp	Lower	Upper
178	100			
176	19.9	16.2	24.4	
179	16.3	12.7	19.1	





#71

Anthracene

Concen: 29.96 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

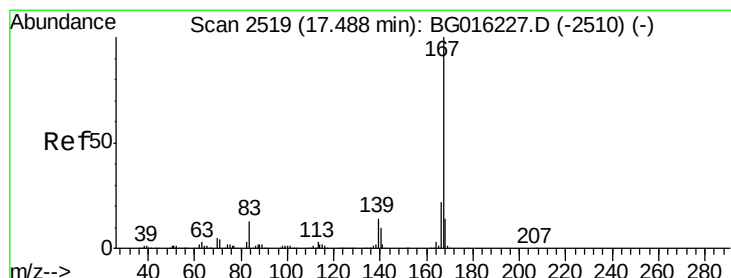
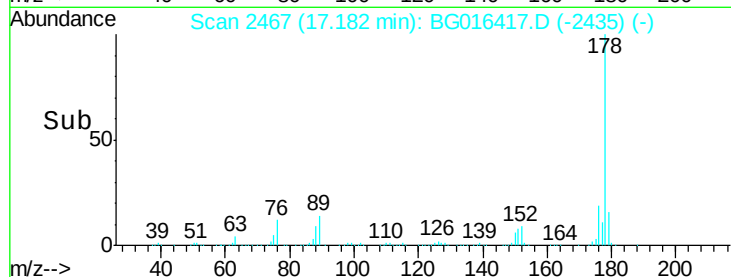
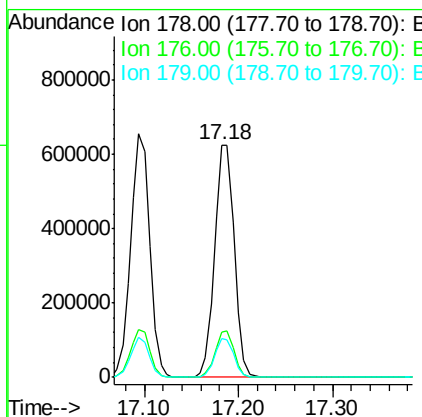
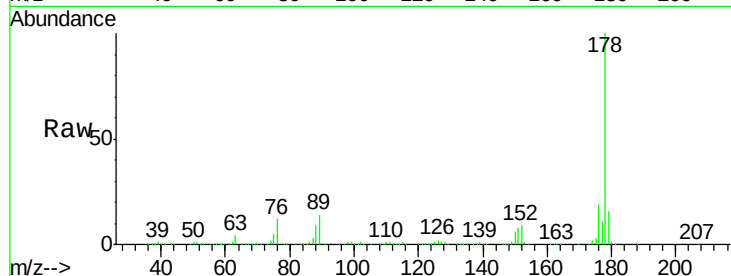
ClientSampleId :

FS-025MSD

Tgt Ion:	178	Resp:	915775
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.9	23.9
179	16.5	13.0	19.6

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#72

Carbazole

Concen: 31.40 ng

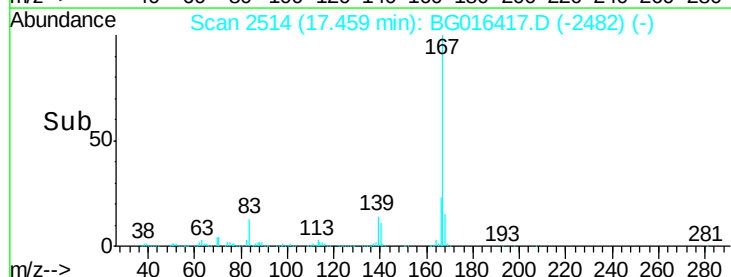
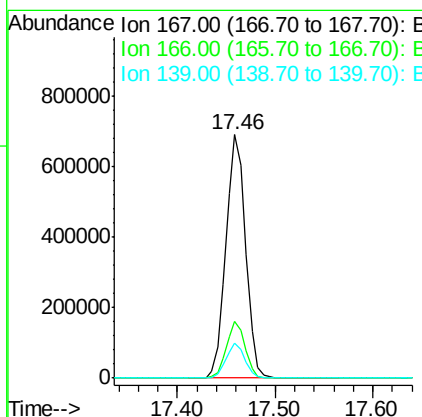
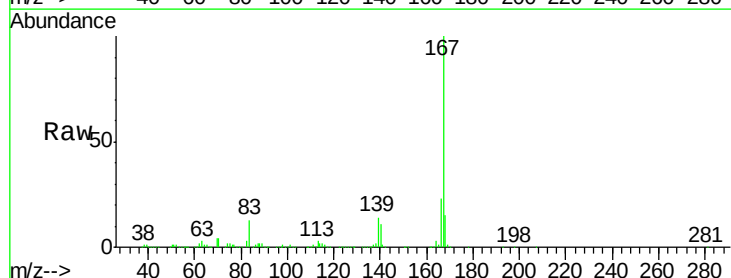
RT: 17.46 min Scan# 2514

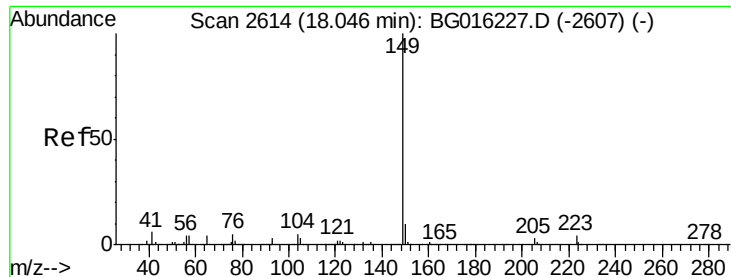
Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	167	Resp:	963421
Ion Ratio	Lower	Upper	
167	100		
166	23.3	17.9	26.9
139	14.2	11.5	17.3





#73

Di-n-butylphthalate

Concen: 30.16 ng

RT: 18.02 min Scan# 2610

Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

ClientSampleId :

FS-025MSD

Tgt Ion:149 Resp: 1132387

Ion Ratio Lower Upper

149 100

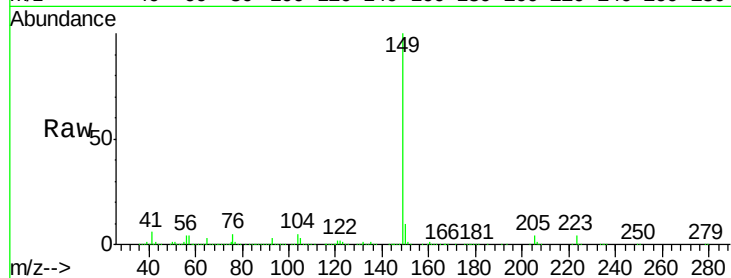
150 10.2 8.2 12.4

104 5.2 4.0 6.0

Manual Integrations
APPROVED

apatel

4/16/2015 3:33:05 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1200000

1000000

800000

600000

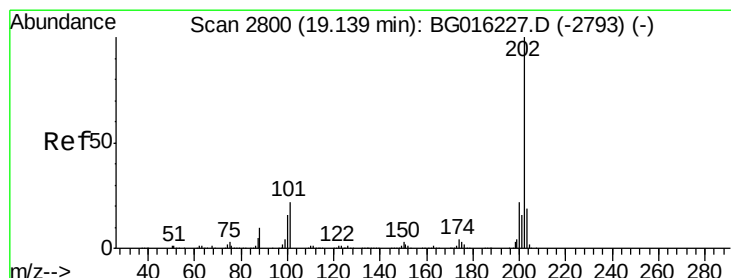
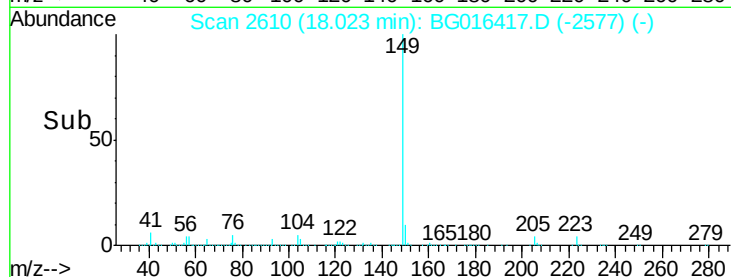
400000

200000

0

18.02

Time--> 17.90 18.00 18.10



#74

Fluoranthene

Concen: 30.94 ng

RT: 19.12 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

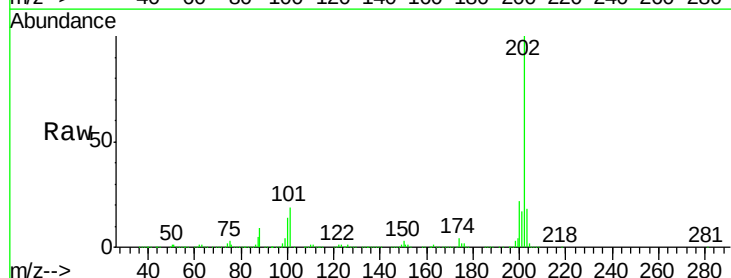
Tgt Ion:202 Resp: 983638

Ion Ratio Lower Upper

202 100

101 19.0 1.7 41.7

203 18.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

1000000

800000

600000

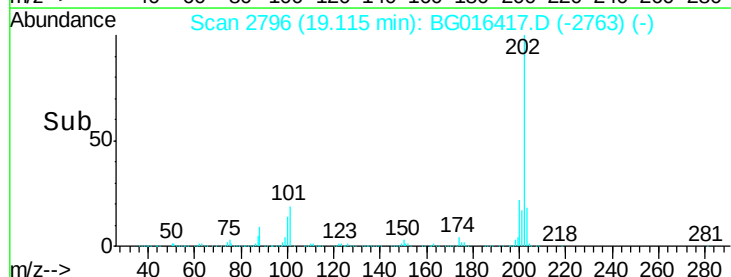
400000

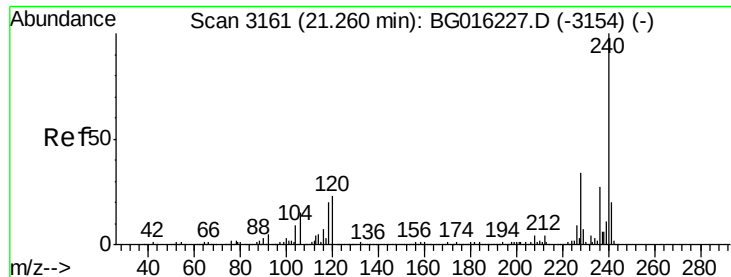
200000

0

19.12

Time--> 19.00 19.10 19.20





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

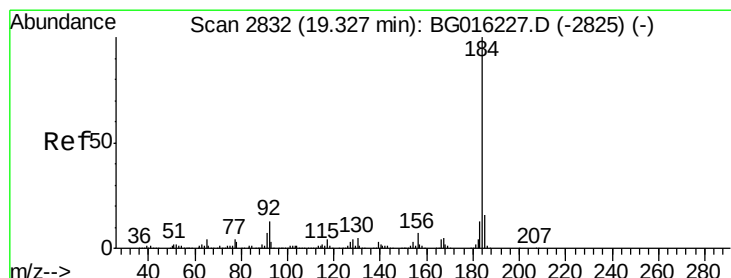
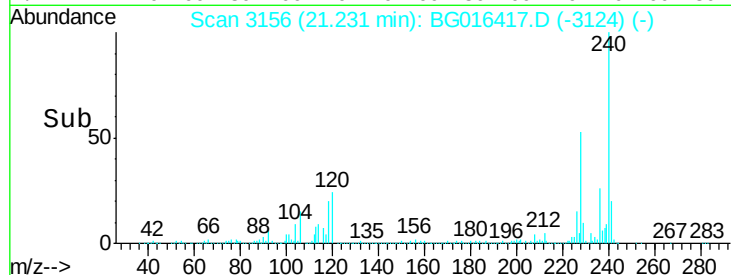
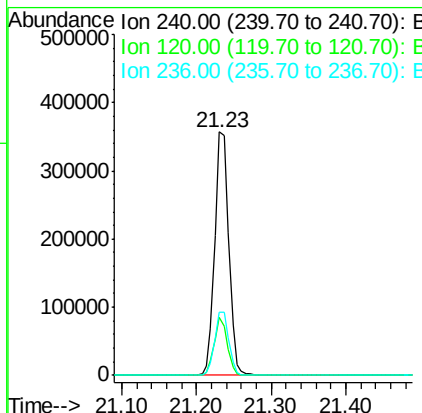
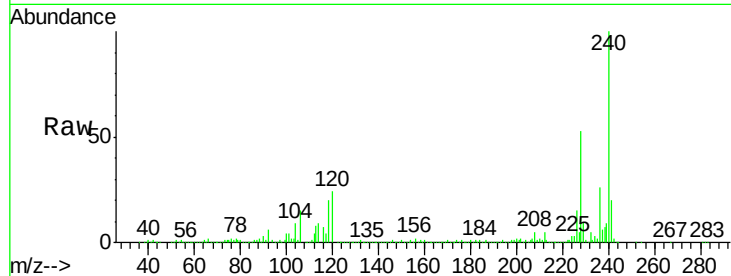
ClientSampleId :

FS-025MSD

Tgt Ion:	240	Resp:	463484
Ion Ratio		Lower	Upper
240	100		
120	23.8	18.6	28.0
236	25.8	21.7	32.5

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM



#76

Benzidine

Concen: 18.38 ng

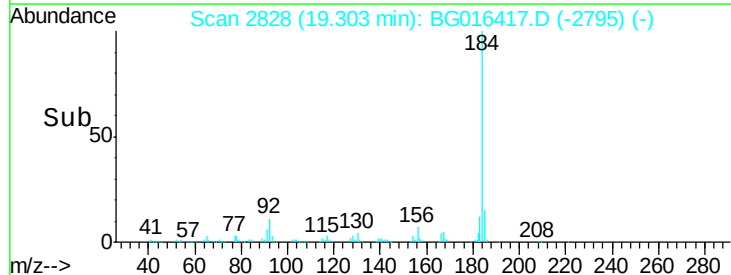
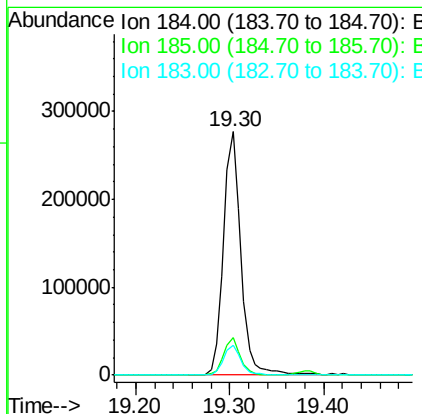
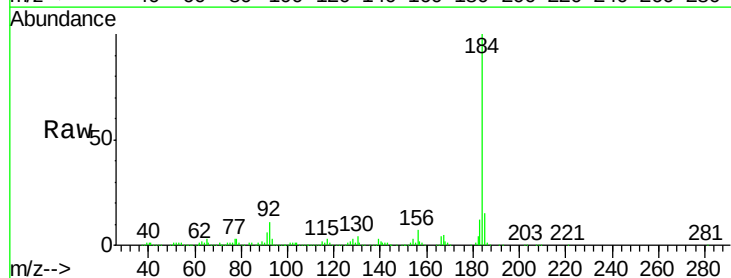
RT: 19.30 min Scan# 2828

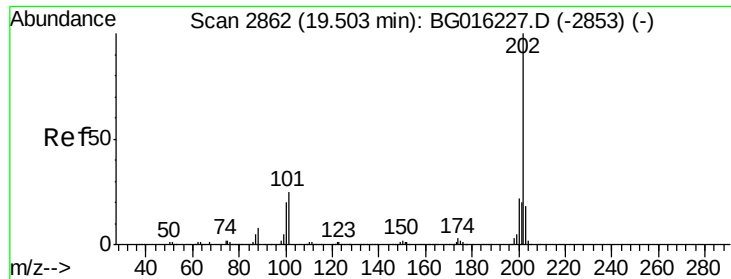
Delta R.T. -0.00 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	184	Resp:	361223
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.6	19.0
183	12.3	10.4	15.6





#77

Pyrene

Concen: 31.68 ng

RT: 19.47 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Instrument :

BNA_G

ClientSampleId :

FS-025MSD

Tgt Ion:202 Resp: 1022563

Ion Ratio Lower Upper

202 100

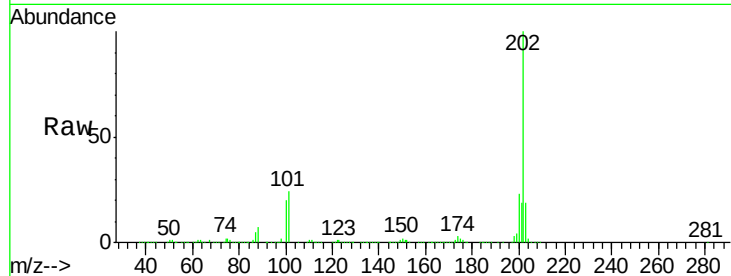
200 22.6 17.8 26.8

203 18.9 14.7 22.1

Manual Integrations
APPROVED

apatel

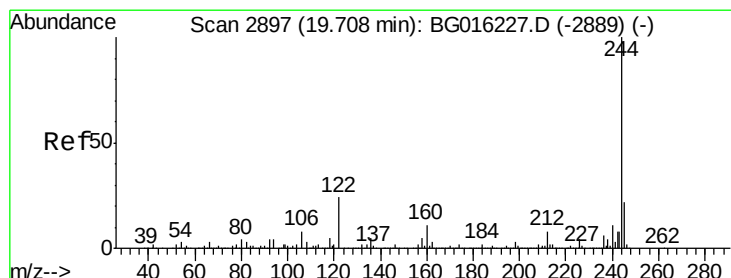
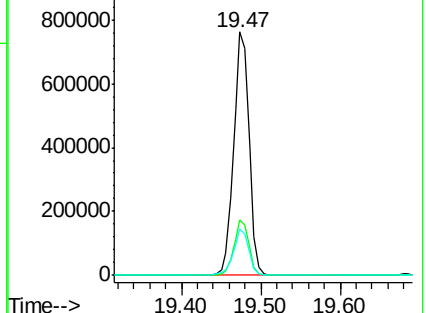
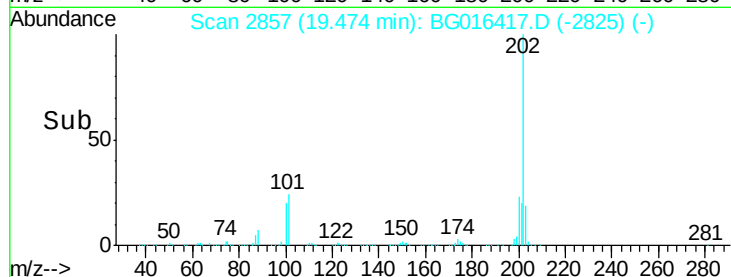
4/16/2015 3:33:05 PM



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



#78

Terphenyl-d14

Concen: 56.01 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

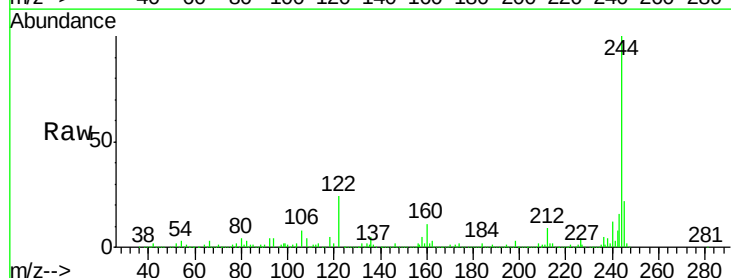
Tgt Ion:244 Resp: 1109202

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

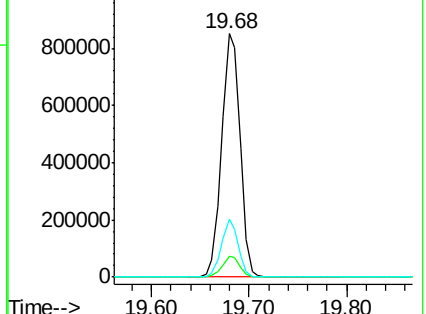
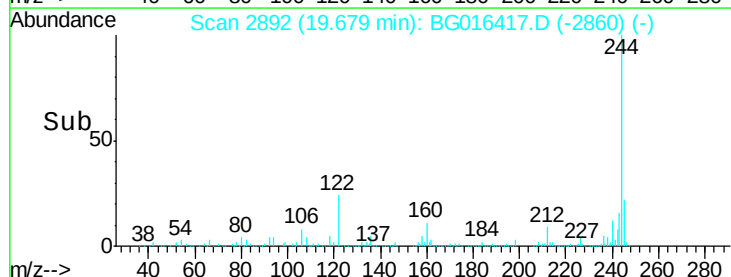
122 23.7 19.1 28.7

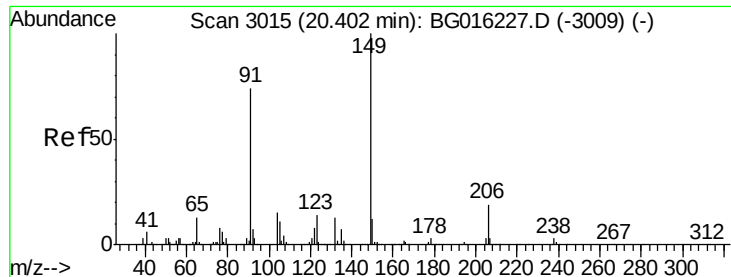


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





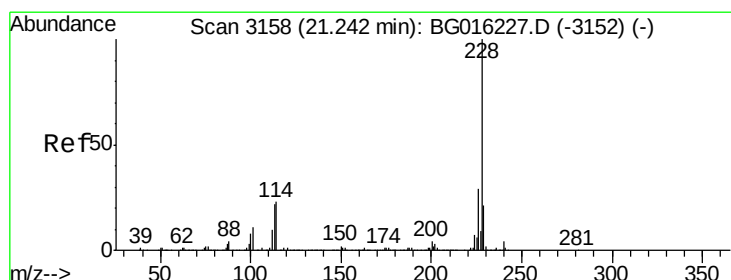
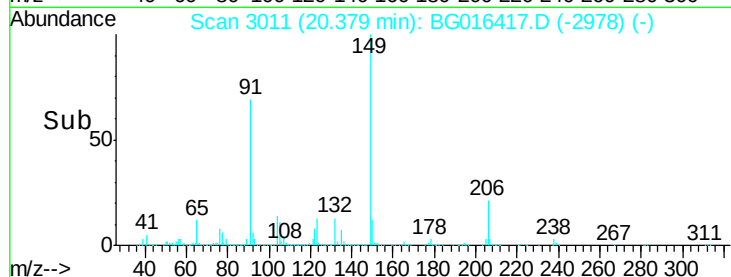
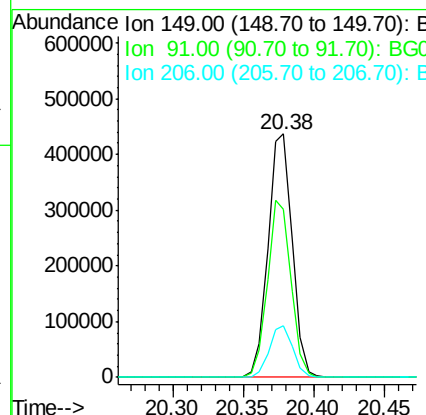
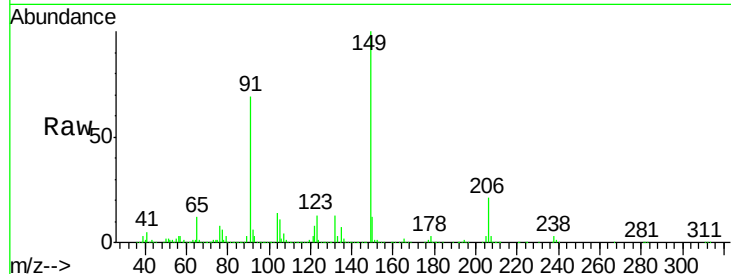
#79
Butylbenzylphthalate
Concen: 33.34 ng
RT: 20.38 min Scan# 3011
Delta R.T. -0.00 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion:	149	Resp:	528678
Ion Ratio	Lower	Upper	
149	100		
91	69.3	59.4	89.2
206	21.2	15.6	23.4

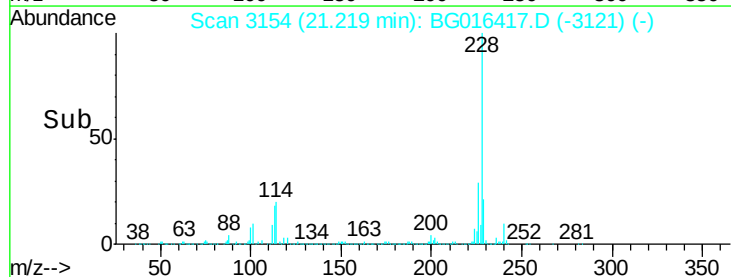
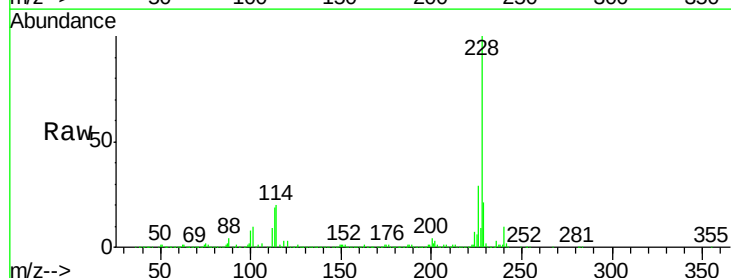
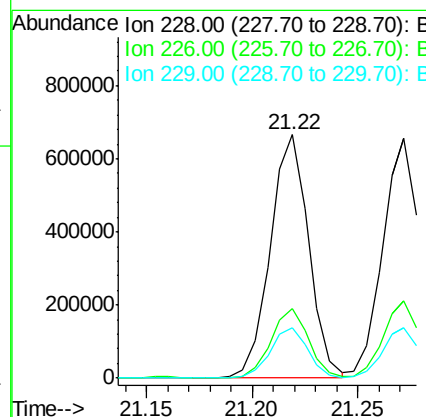
Manual Integrations
APPROVED

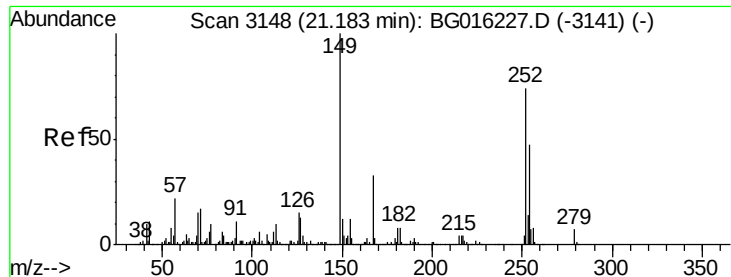
apatel
4/16/2015 3:33:05 PM



#80
Benzo(a)anthracene
Concen: 30.62 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion:	228	Resp:	838839
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.5	35.3
229	20.7	16.8	25.2





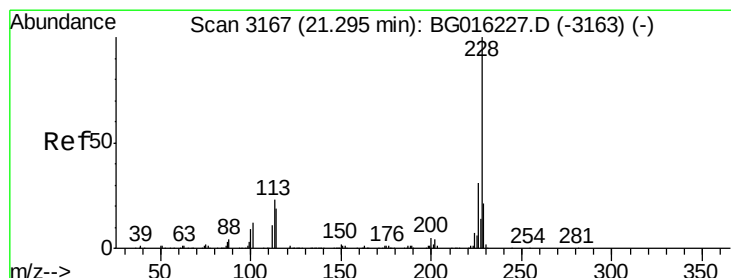
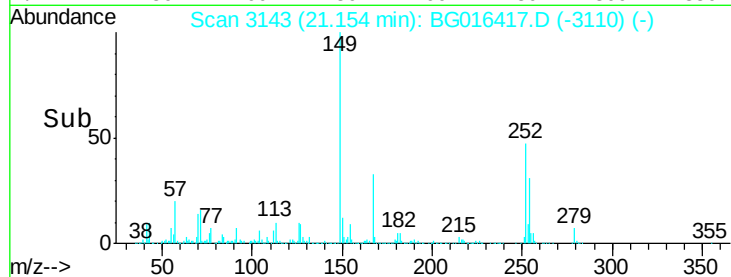
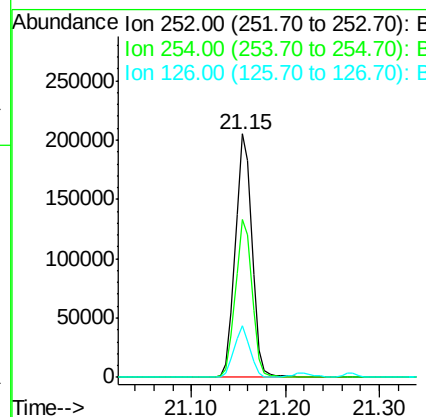
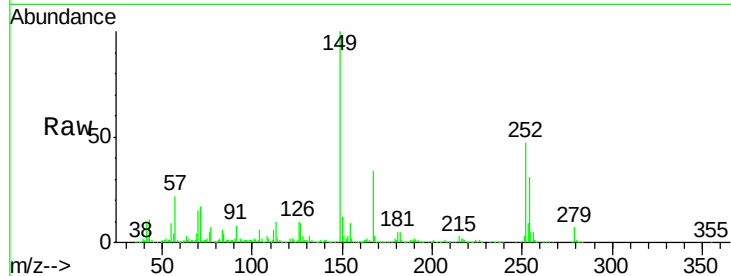
#81
 3,3'-Dichlorobenzidine
 Concen: 28.29 ng
 RT: 21.15 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	254878		
254	64.9	50.8	76.2	
126	21.0	16.0	24.0	

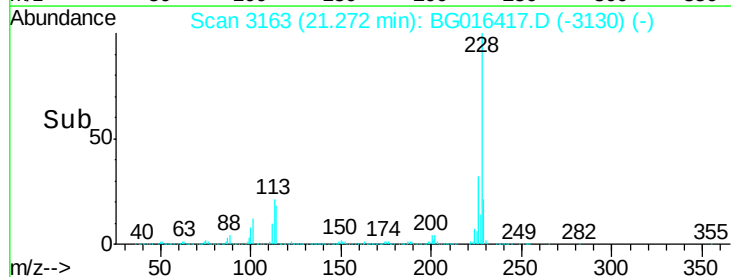
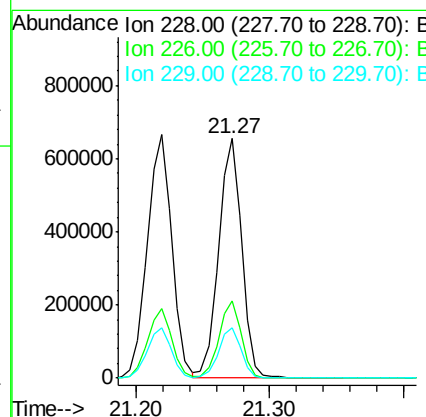
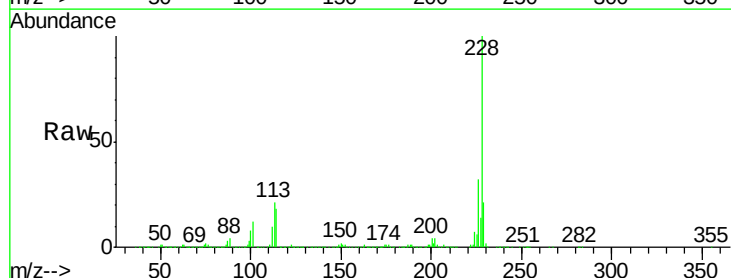
Manual Integrations
 APPROVED

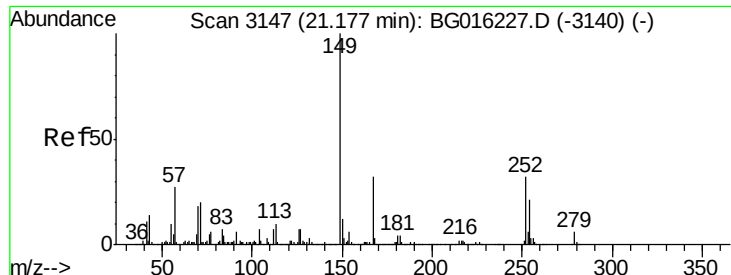
apatel
 4/16/2015 3:33:05 PM



#82
 Chrysene
 Concen: 30.13 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	796715		
226	32.3	25.0	37.4	
229	20.9	17.0	25.4	





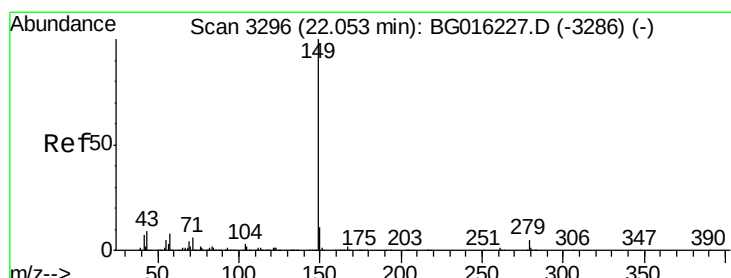
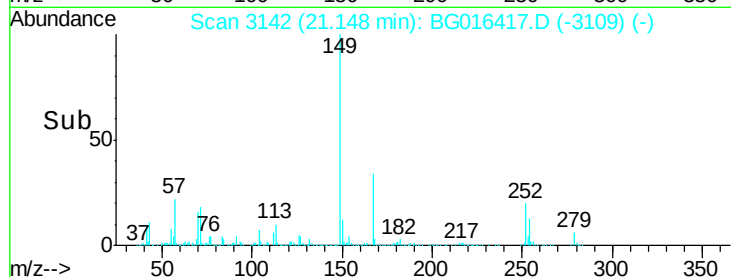
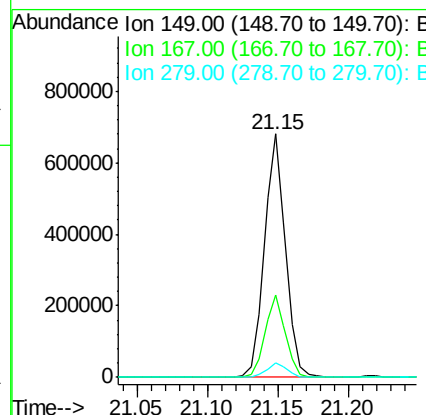
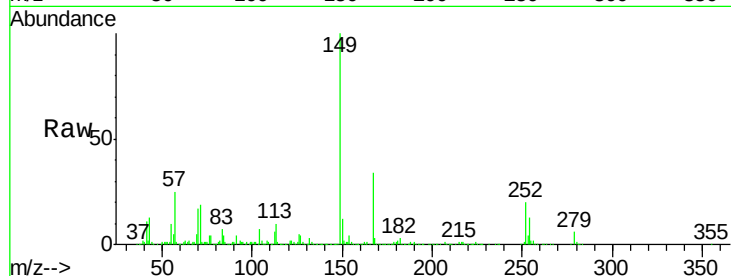
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.18 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	712132		
167	34.1	25.8	38.6	
279	5.8	4.7	7.1	

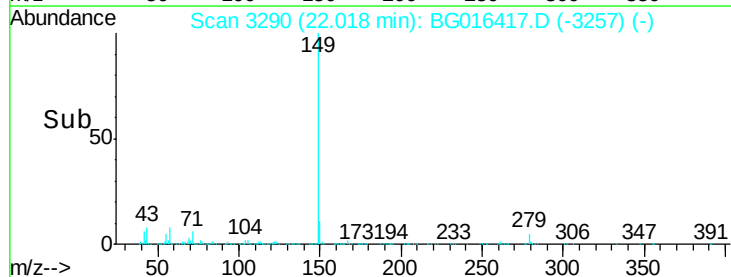
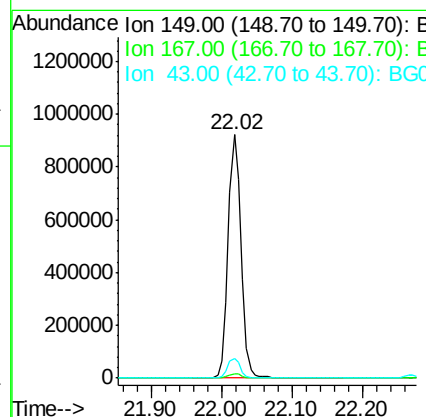
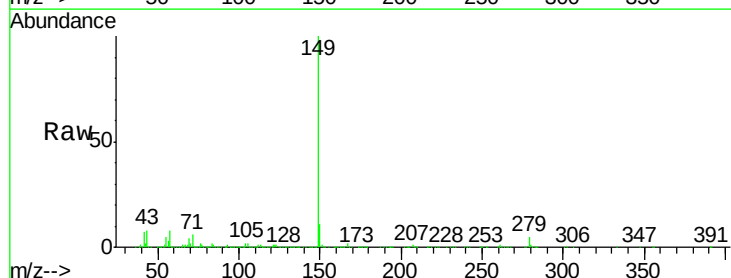
Manual Integrations
 APPROVED

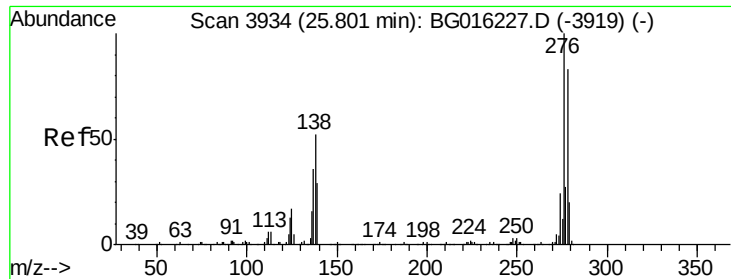
apatel
 4/16/2015 3:33:05 PM



#84
 Di-n-octyl phthalate
 Concen: 33.48 ng
 RT: 22.02 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1170969		
167	1.8	1.3	1.9	
43	8.0	7.0	10.4	





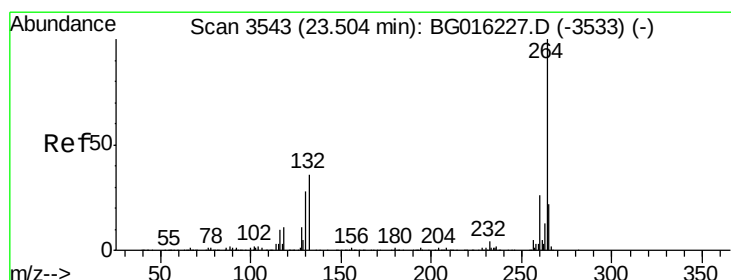
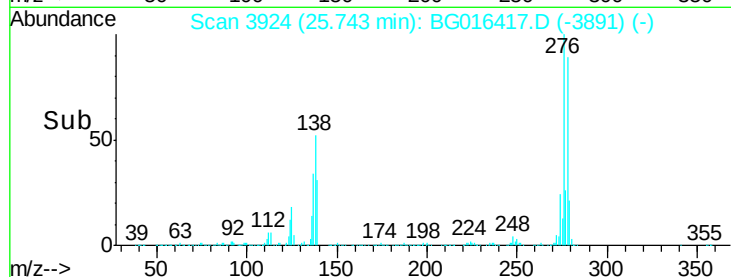
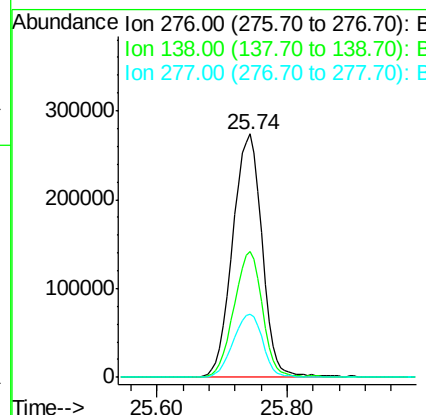
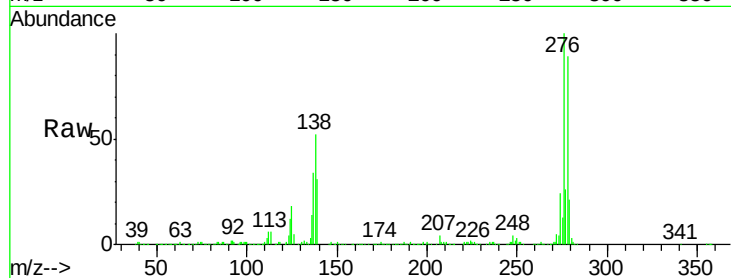
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.29 ng
 RT: 25.74 min Scan# 3924
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Instrument :
 BNA_G
 ClientSampleId :
 FS-025MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	859563		
138	50.4	41.5	62.3	
277	26.3	21.0	31.6	

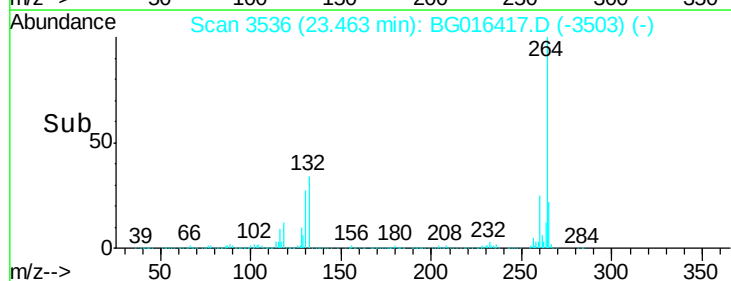
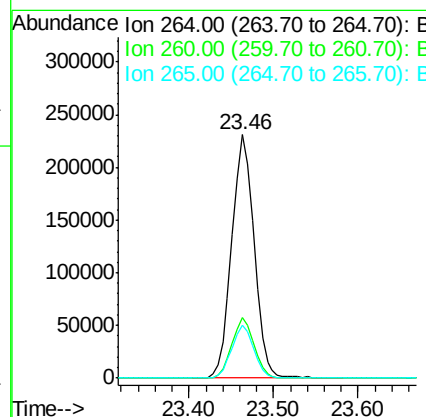
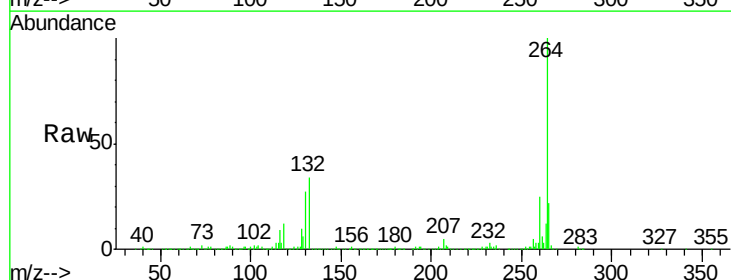
Manual Integrations
 APPROVED

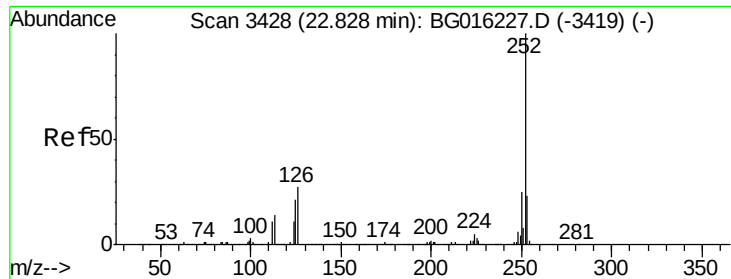
apatel
 4/16/2015 3:33:05 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3536
 Delta R.T. -0.00 min
 Lab File: BG016417.D
 Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	422230		
260	25.0	20.4	30.6	
265	21.8	17.2	25.8	





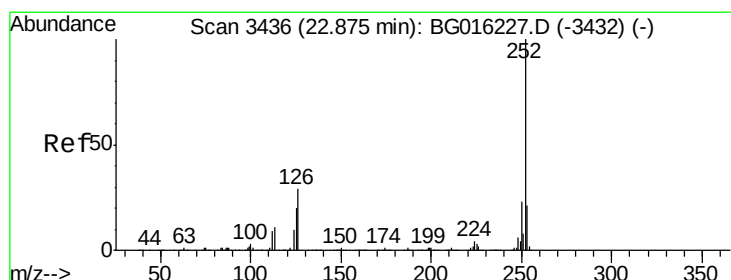
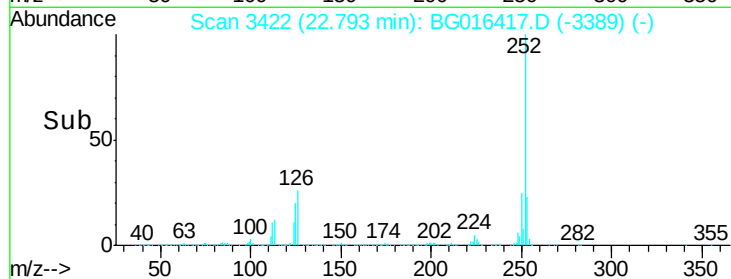
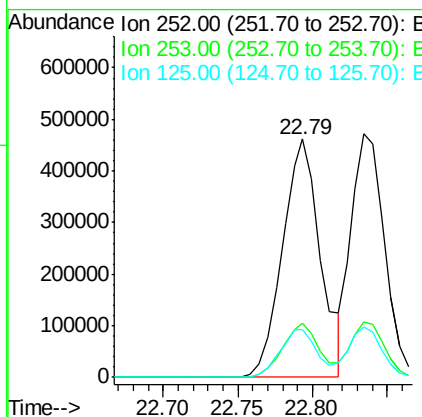
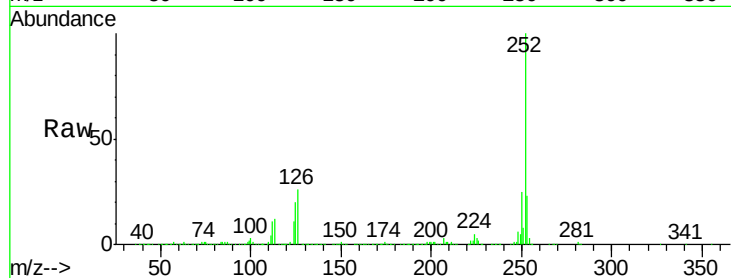
#87
Benzo(b)fluoranthene
Concen: 33.04 ng
RT: 22.79 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	20.1	17.0	25.6

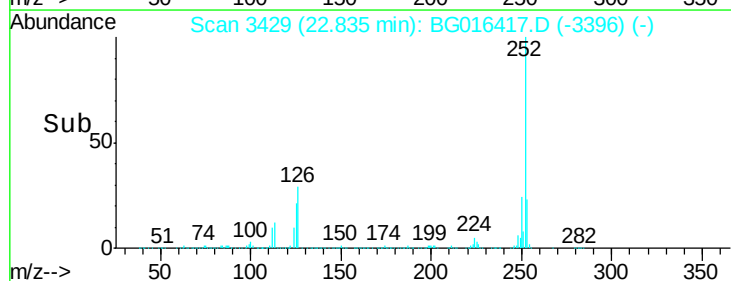
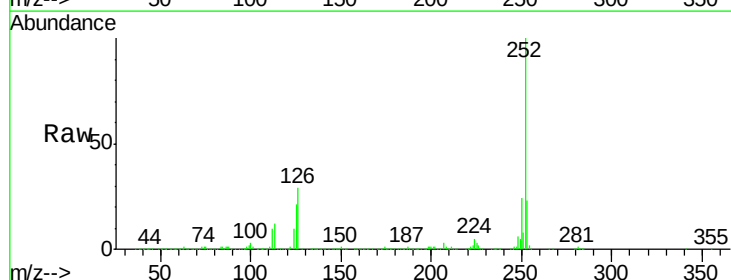
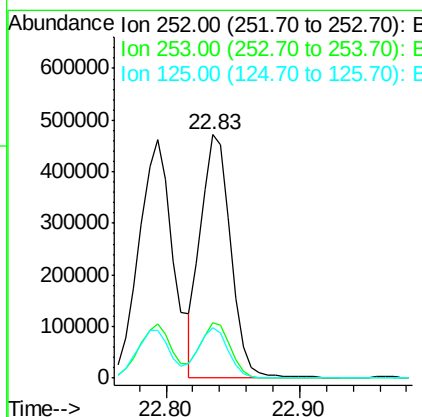
Manual Integrations
APPROVED

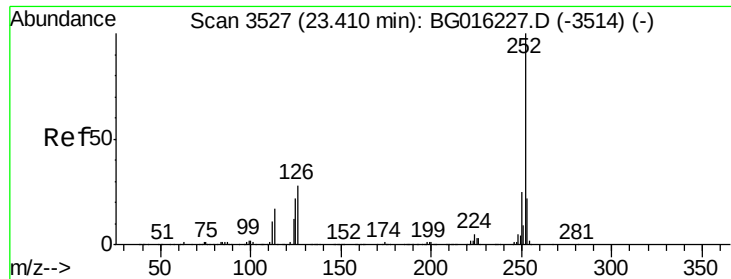
apatel
4/16/2015 3:33:05 PM



#88
Benzo(k)fluoranthene
Concen: 30.23 ng
RT: 22.83 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	20.8	16.3	24.5





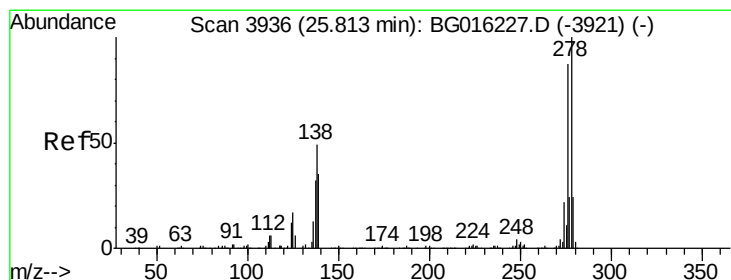
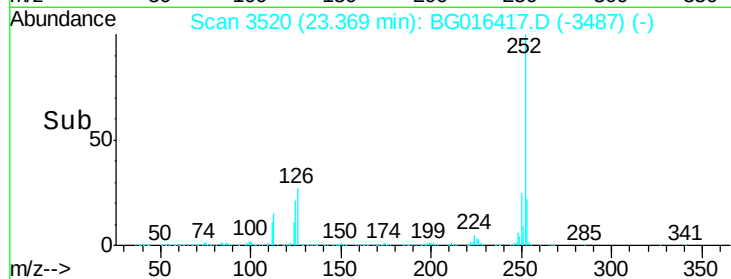
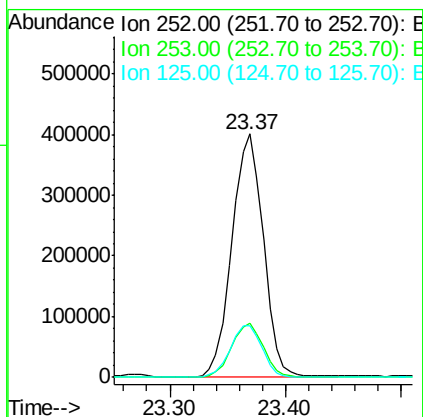
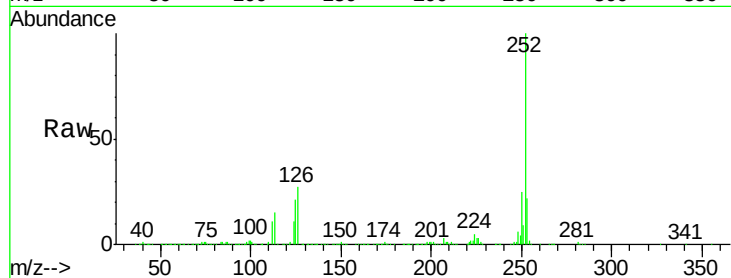
#89
Benzo(a)pyrene
Concen: 32.76 ng
RT: 23.37 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	21.0	17.6	26.4

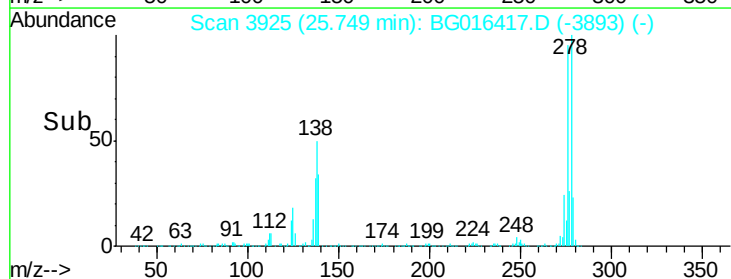
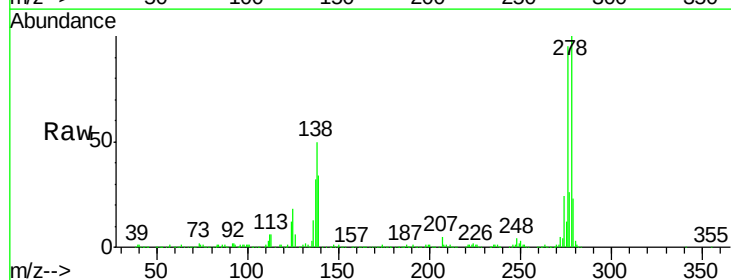
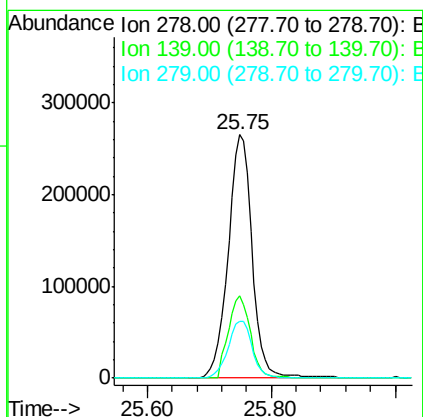
Manual Integrations
APPROVED

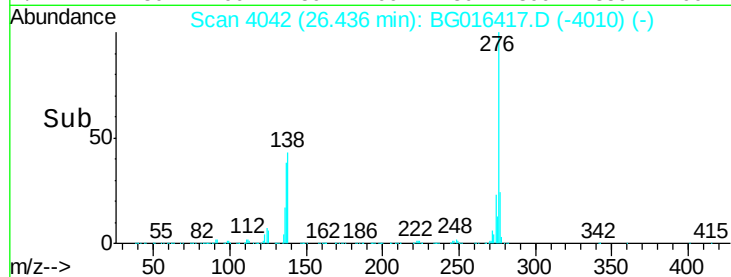
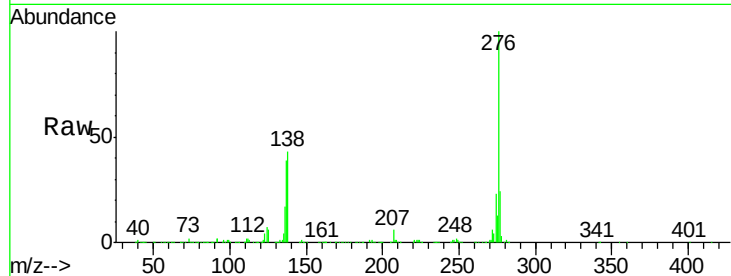
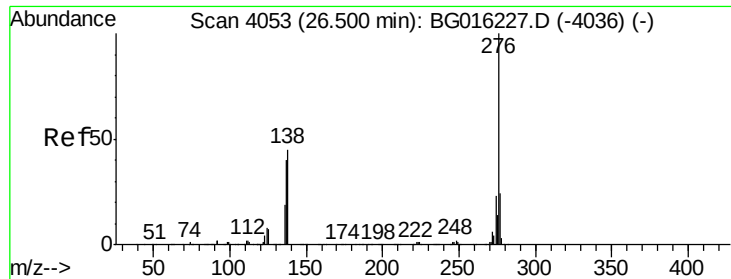
apatel
4/16/2015 3:33:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 31.56 ng
RT: 25.75 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BG016417.D
Acq: 15 Apr 2015 11:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.6	27.9	41.9
279	23.4	19.5	29.3





#91

Benzo(g,h,i)perylene

Concen: 32.06 ng

RT: 26.44 min Scan# 4042

Delta R.T. -0.01 min

Lab File: BG016417.D

Acq: 15 Apr 2015 11:47

Tgt Ion:	276	Resp:	722179
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.5	29.3
138	43.4	35.7	53.5

Instrument :

BNA_G

ClientSampleId :

FS-025MSD

Manual Integrations
APPROVED

apatel
4/16/2015 3:33:05 PM

