

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
 Data File : BG023990.D
 Acq On : 14 Sep 2016 20:20
 Operator : UM/SJ
 Sample : H4764-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Manual Integrations
 APPROVED

sohil
 9/15/2016 12:50:32 PM

Quant Time: Sep 15 11:11:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	46277	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	202049	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	179412	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	417729	20.00	ng	-0.01
75) Chrysene-d12	21.82	240	431960	20.00	ng	-0.02
86) Perylene-d12	25.19	264	430036	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	385769	146.35	ng	-0.02
7) Phenol-d6	7.25	99	557752	137.46	ng	-0.03
23) Nitrobenzene-d5	9.26	82	455024	100.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	393482	121.73	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	956070	76.40	ng	-0.02
78) Terphenyl-d14	20.12	244	1745151	92.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	43995	40.47	ng	# 91
3) Pyridine	3.91	79	111847	34.23	ng	99
4) n-Nitrosodimethylamine	3.81	42	87361	50.73	ng	# 93
6) Aniline	7.40	93	85373	15.85	ng	95
8) 2-Chlorophenol	7.65	128	138204	45.26	ng	92
9) Benzaldehyde	7.22	77	22401	7.77	ng	# 76
10) Phenol	7.28	94	191308	44.82	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	150189	44.72	ng	91
12) 1,3-Dichlorobenzene	7.96	146	149220	41.75	ng	95
13) 1,4-Dichlorobenzene	8.12	146	157221	41.52	ng	95
14) 1,2-Dichlorobenzene	8.44	146	147731	41.57	ng	93
15) Benzyl Alcohol	8.33	79	192215	53.73	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	187029	41.55	ng	94
17) 2-Methylphenol	8.54	107	138656	48.22	ng	97
18) Hexachloroethane	9.16	117	64242	44.06	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	164206	45.81	ng	94
20) 3+4-Methylphenols	8.87	107	193879	48.38	ng	97
22) Acetophenone	8.91	105	229940	43.96	ng	# 99
24) Nitrobenzene	9.30	77	245283	50.40	ng	# 97
25) Isophorone	9.82	82	429245	48.91	ng	99
26) 2-Nitrophenol	10.02	139	86901	46.97	ng	94
27) 2,4-Dimethylphenol	10.08	122	156505	49.77	ng	96
28) bis(2-Chloroethoxy)methane	10.31	93	215986	48.74	ng	98
29) 2,4-Dichlorophenol	10.58	162	178234	53.50	ng	95
30) 1,2,4-Trichlorobenzene	10.77	180	175357	47.99	ng	99
31) Naphthalene	10.96	128	544079	52.26	ng	100
32) Benzoic acid	10.26	122	85363	33.43	ng	100
33) 4-Chloroaniline	11.10	127	21762	5.01	ng	# 90
34) Hexachlorobutadiene	11.23	225	134624	49.06	ng	95
35) Caprolactam	11.88	113	53937m	45.94	ng	
36) 4-Chloro-3-methylphenol	12.22	107	229256	51.50	ng	98
37) 2-Methylnaphthalene	12.57	142	381571	48.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	206778	34.72	ng	99
40) Hexachlorocyclopentadiene	12.90	237	239459	67.91	ng	96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
 Data File : BG023990.D
 Acq On : 14 Sep 2016 20:20
 Operator : UM/SJ
 Sample : H4764-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Manual Integrations
 APPROVED

sohil
 9/15/2016 12:50:32 PM

Quant Time: Sep 15 11:11:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	168722	42.46	nq	98
43) 2,4,5-Trichlorophenol	13.27	196	178675	44.48	nq	91
45) 1,1'-Biphenyl	13.58	154	494107	34.24	nq	98
46) 2-Chloronaphthalene	13.63	162	434975	41.06	nq	98
47) 2-Nitroaniline	13.84	65	204431	48.99	nq	94
48) Acenaphthylene	14.47	152	701689	39.73	nq	99
49) Dimethylphthalate	14.20	163	641869	41.72	nq	98
50) 2,6-Dinitrotoluene	14.33	165	138776	42.73	nq	89
51) Acenaphthene	14.82	154	450218	41.24	nq	94
52) 3-Nitroaniline	14.68	138	16484	5.43	nq	# 65
53) 2,4-Dinitrophenol	14.89	184	191649	80.66	nq	90
54) Dibenzofuran	15.15	168	749868	44.01	nq	98
55) 4-Nitrophenol	15.01	139	186052	76.98	nq	86
56) 2,4-Dinitrotoluene	15.13	165	208764	43.73	nq	# 85
57) Fluorene	15.80	166	636274	43.06	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	197594	48.46	nq	96
59) Diethylphthalate	15.56	149	686957	41.83	nq	99
60) 4-Chlorophenyl-phenylether	15.79	204	340898	42.86	nq	97
61) 4-Nitroaniline	15.85	138	109811	35.76	nq	97
62) Azobenzene	16.08	77	768082	48.29	nq	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	138429	47.73	nq	92
65) n-Nitrosodiphenylamine	16.01	169	591532	49.86	nq	97
66) 4-Bromophenyl-phenylether	16.69	248	251627	49.51	nq	99
67) Hexachlorobenzene	16.82	284	259783	43.58	nq	97
68) Atrazine	16.96	200	224166	43.91	nq	94
69) Pentachlorophenol	17.17	266	290637	91.81	nq	99
70) Phenanthrene	17.56	178	1091434	50.22	nq	98
71) Anthracene	17.65	178	1106210	49.90	nq	97
72) Carbazole	17.93	167	934939	46.48	nq	98
73) Di-n-butylphthalate	18.46	149	1125085	46.88	nq	97
74) Fluoranthene	19.57	202	1275483	48.75	nq	96
76) Benzidine	19.81	184	32107m	2.40	nq	
77) Pyrene	19.93	202	1266094	47.66	nq	95
79) Butylbenzylphthalate	20.80	149	493364	48.17	nq	98
80) Benzo(a)anthracene	21.80	228	1226778	50.73	nq	95
81) 3,3'-Dichlorobenzidine	21.72	252	134643	13.93	nq	# 95
82) Chrysene	21.87	228	1157658	50.30	nq	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	678719	48.40	nq	95
84) Di-n-octyl phthalate	22.92	149	1119379	48.67	nq	100
85) Indeno(1,2,3-cd)pyrene	29.05	276	1356479	53.23	nq	# 100
87) Benzo(b)fluoranthene	24.11	252	1265532m	51.81	nq	
88) Benzo(k)fluoranthene	24.18	252	1200882	49.58	nq	99
89) Benzo(a)pyrene	25.02	252	1220312	52.60	nq	96
90) Dibenzo(a,h)anthracene	29.10	278	1121761	49.17	nq	# 97
91) Benzo(g,h,i)perylene	30.25	276	1094905	49.91	nq	# 95

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

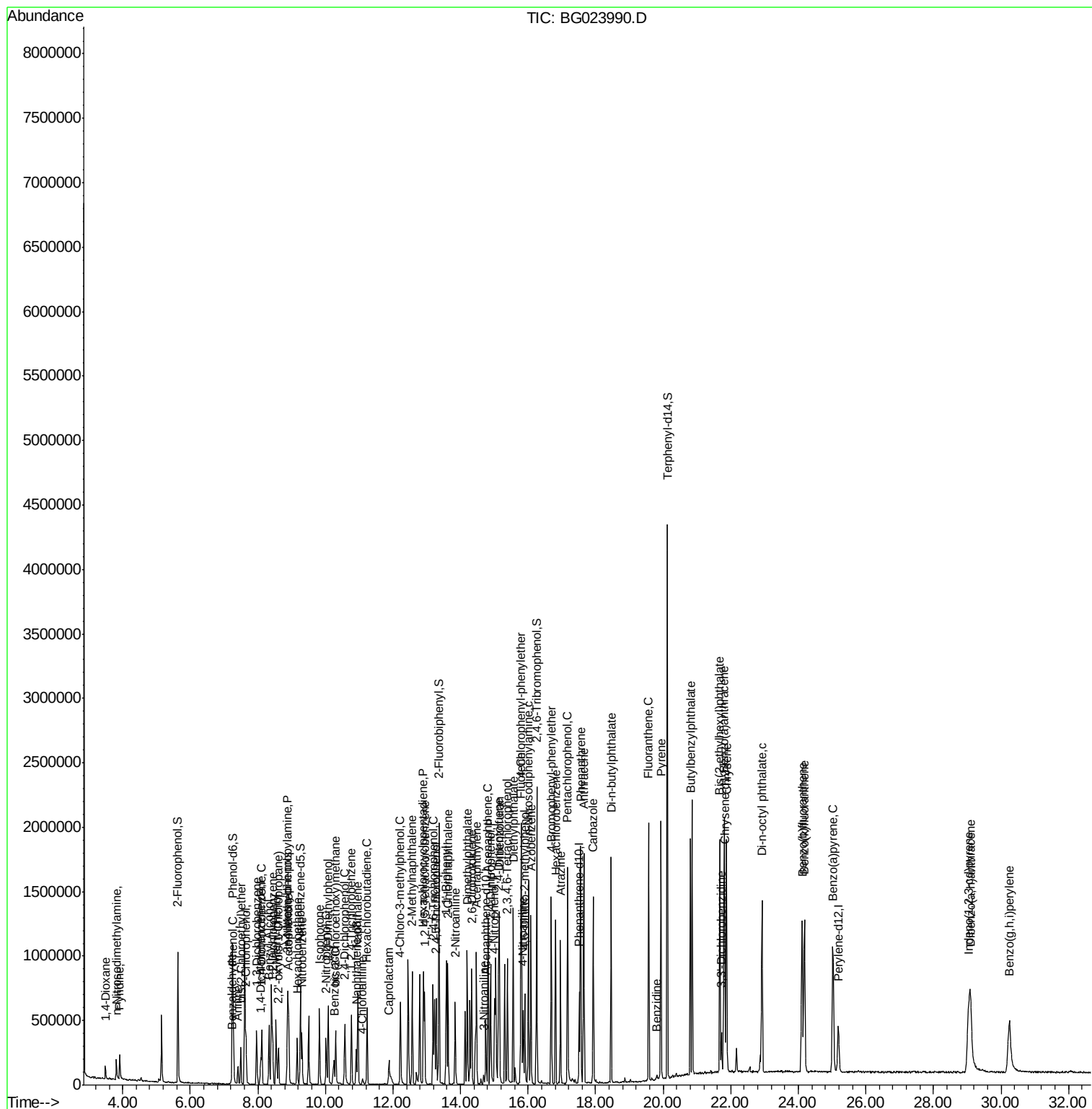
Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
 Data File : BG023990.D
 Acq On : 14 Sep 2016 20:20
 Operator : UM/SJ
 Sample : H4764-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

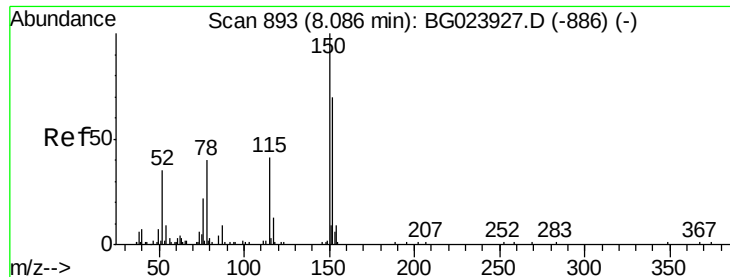
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Manual Integrations
 APPROVED

sohil
 9/15/2016 12:50:32 PM

Quant Time: Sep 15 11:11:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 892

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

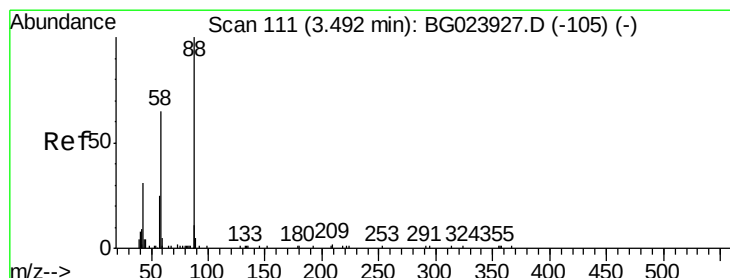
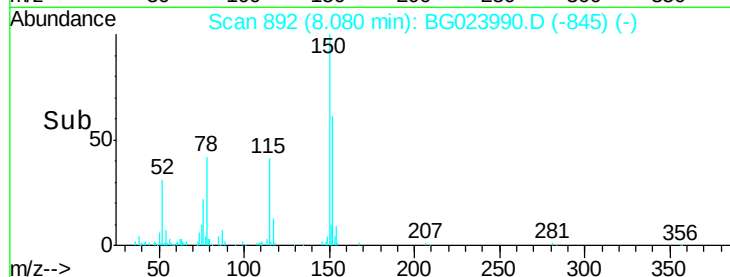
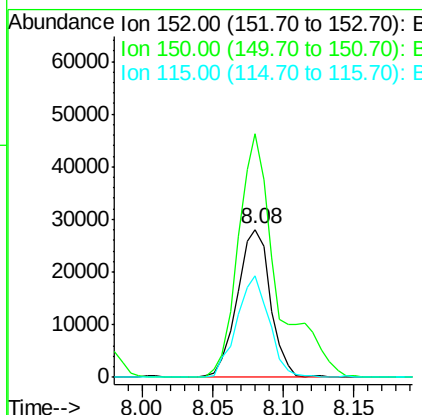
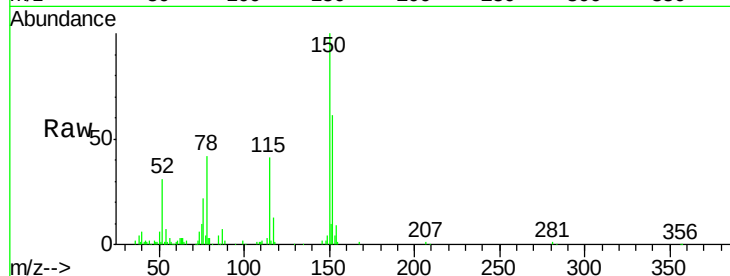
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	152	Resp:	46277
Ion	Ratio	Lower	Upper
152	100		
150	164.3	144.7	217.1
115	68.2	64.0	96.0

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#2

1,4-Dioxane

Concen: 40.47 ng

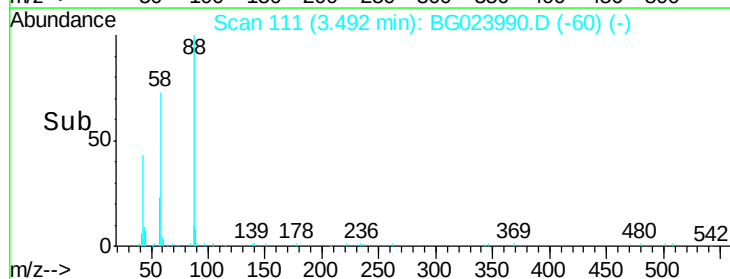
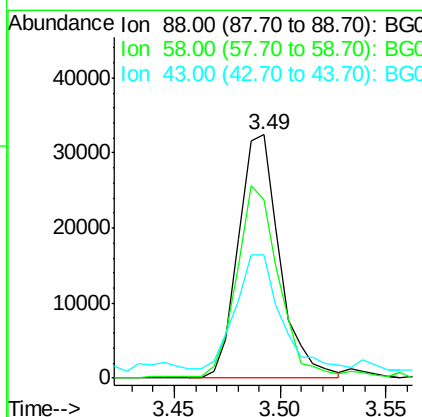
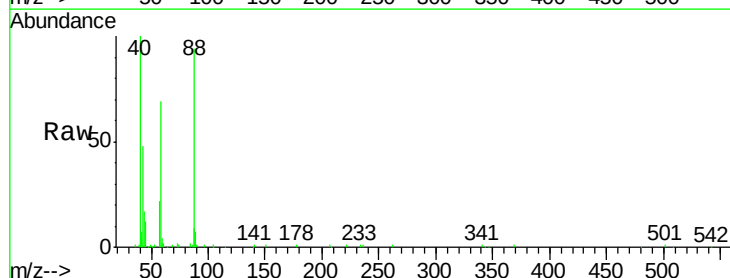
RT: 3.49 min Scan# 111

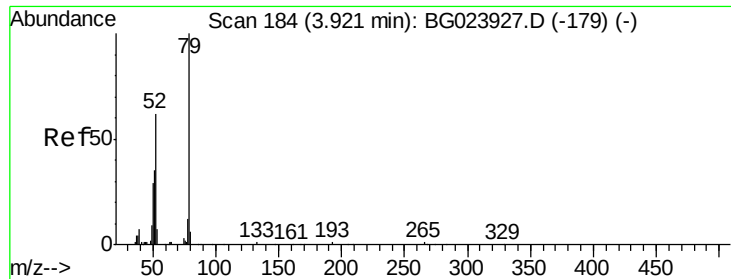
Delta R.T. -0.00 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	88	Resp:	43995
Ion	Ratio	Lower	Upper
88	100		
58	78.2	60.4	90.6
43	50.8	31.1	46.7#





#3

Pvridine

Concen: 34.23 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.00 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

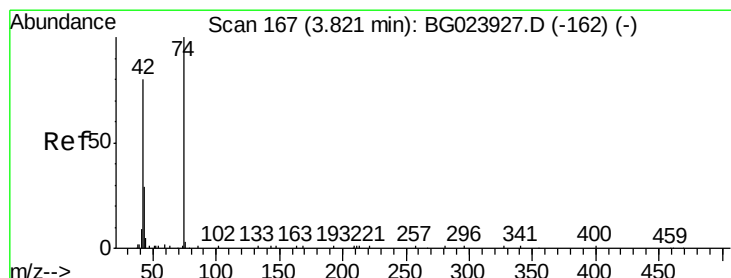
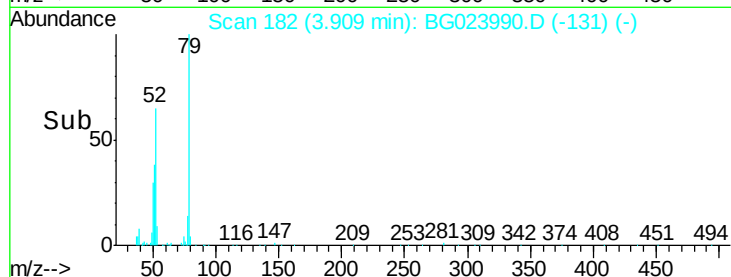
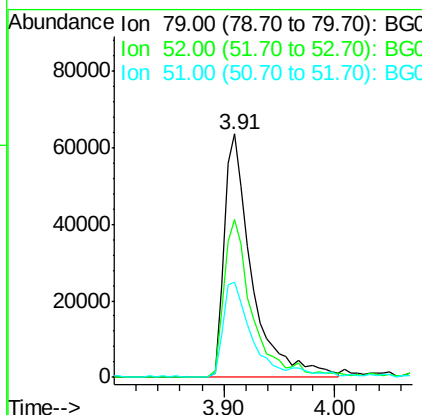
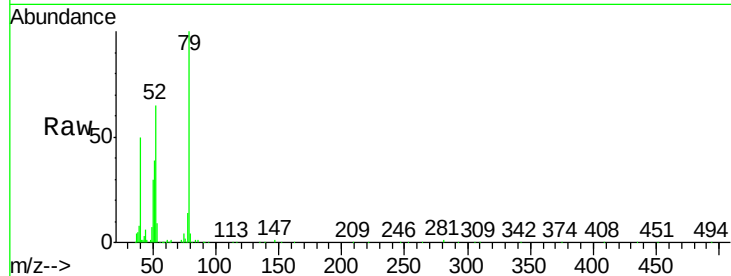
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	79	Resp:	111847
Ion Ratio	Lower	Upper	
79	100		
52	65.0	51.8	77.8
51	38.9	32.7	49.1

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#4

n-Nitrosodimethylamine

Concen: 50.73 ng

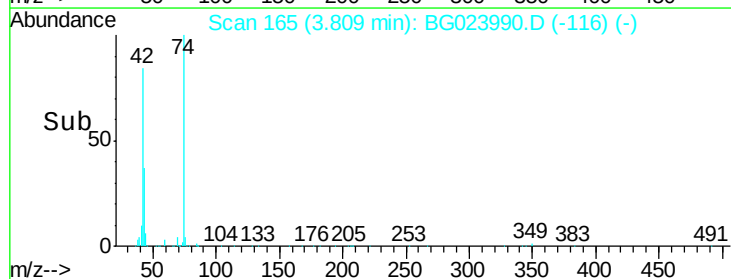
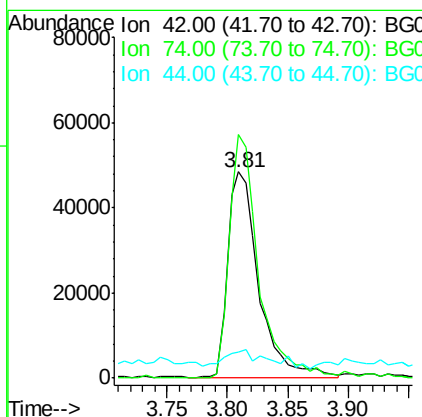
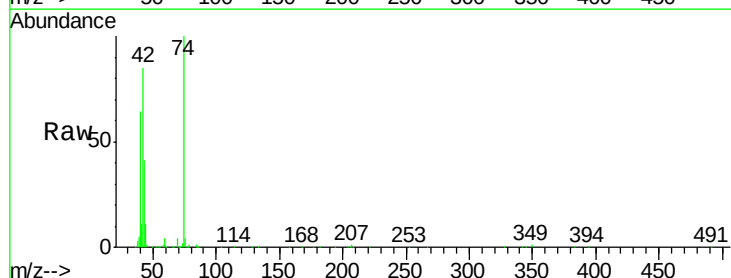
RT: 3.81 min Scan# 165

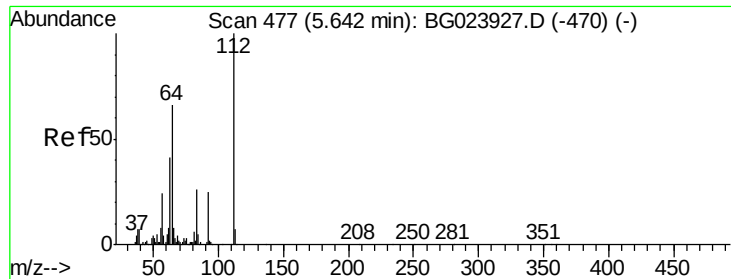
Delta R.T. -0.01 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	42	Resp:	87361
Ion Ratio	Lower	Upper	
42	100		
74	118.2	100.6	150.8
44	12.9	4.5	6.7#





#5

2-Fluorophenol

Concen: 146.35 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

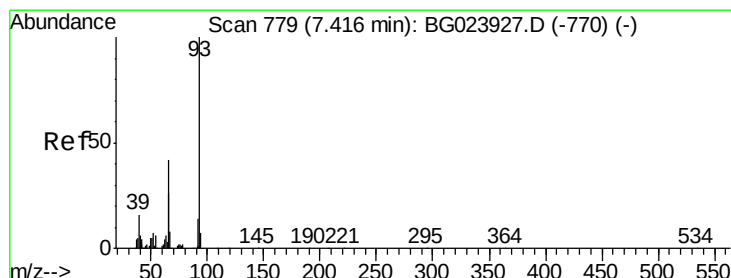
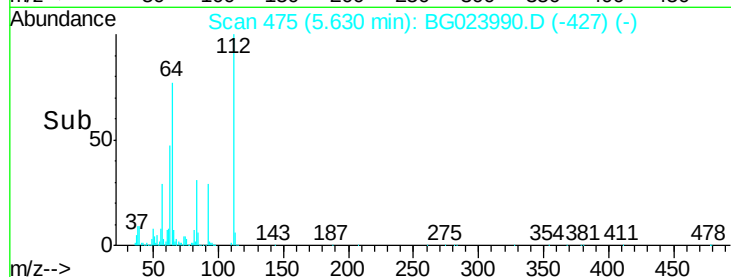
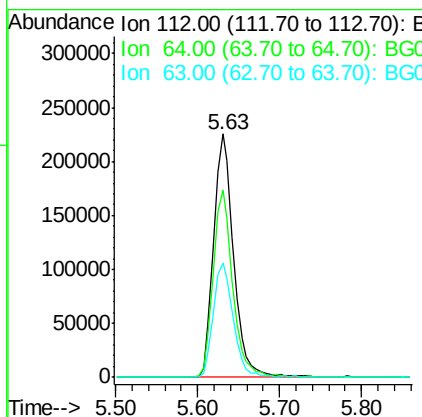
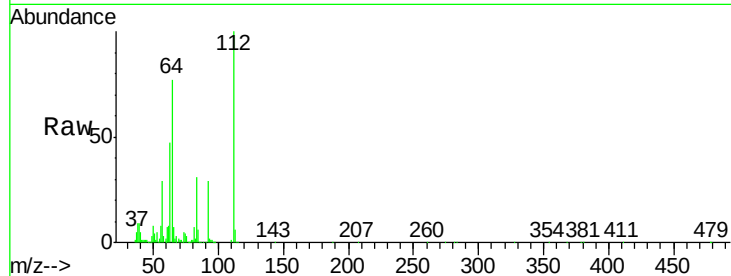
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		385769		
64	76.9		59.0	88.4	
63	46.9		37.8	56.8	

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#6

Aniline

Concen: 15.85 ng

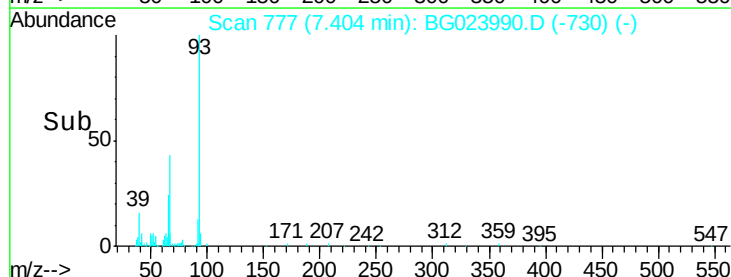
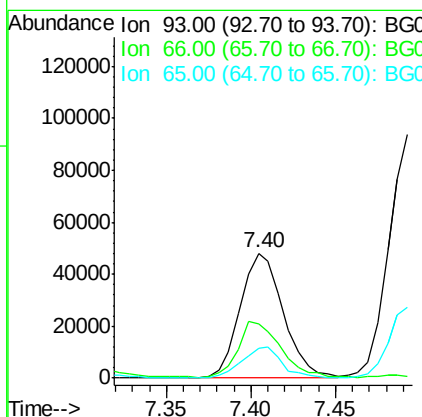
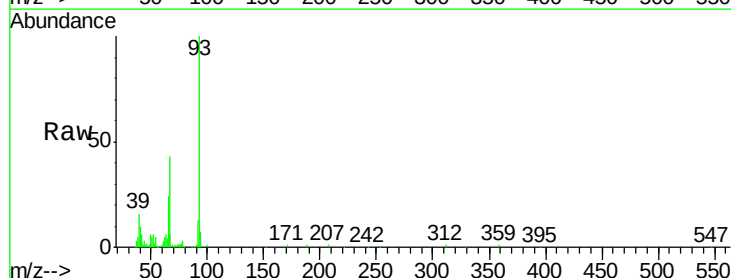
RT: 7.40 min Scan# 777

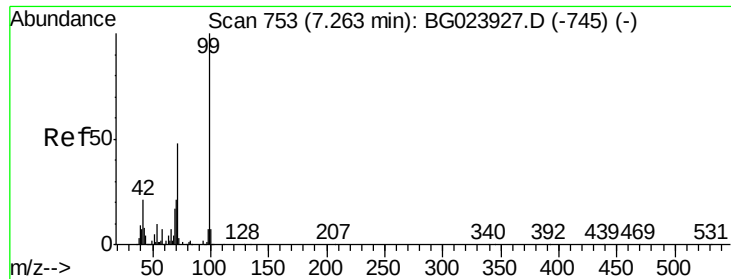
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		85373		
66	43.0		37.5	56.3	
65	23.8		17.9	26.9	





#7

Phenol-d6

Concen: 137.46 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

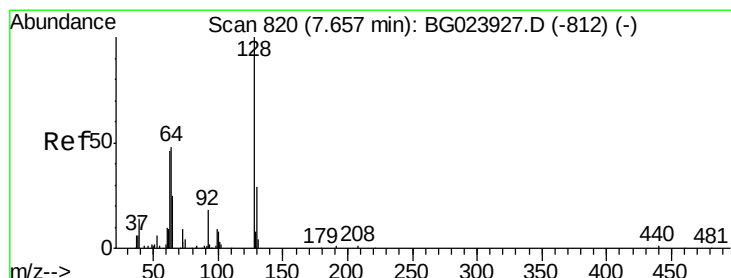
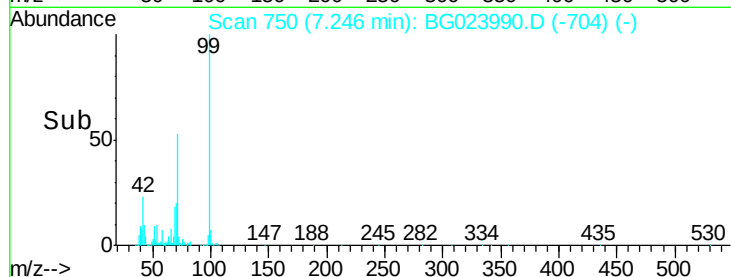
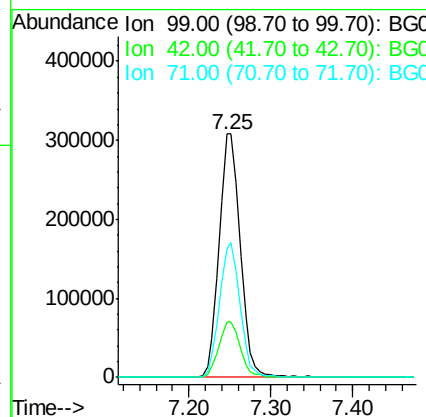
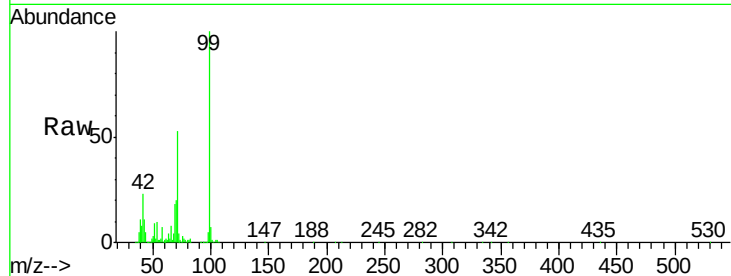
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		557752		
42	23.0	17.8	26.6		
71	52.8	41.5	62.3		

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#8

2-Chlorophenol

Concen: 45.26 ng

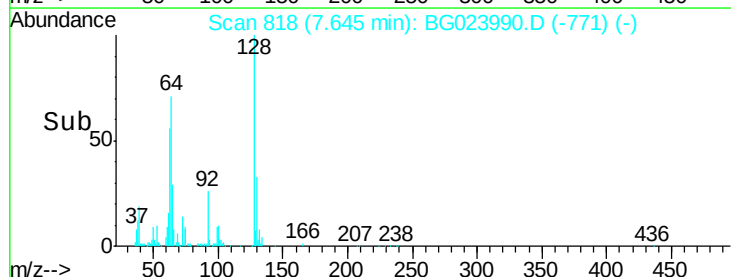
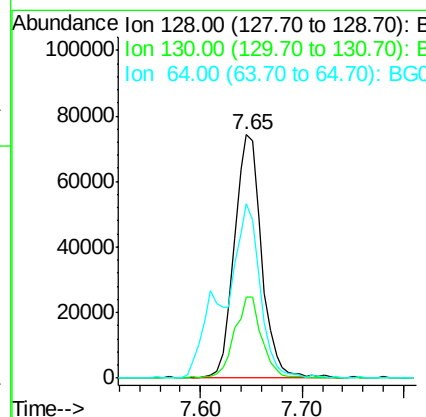
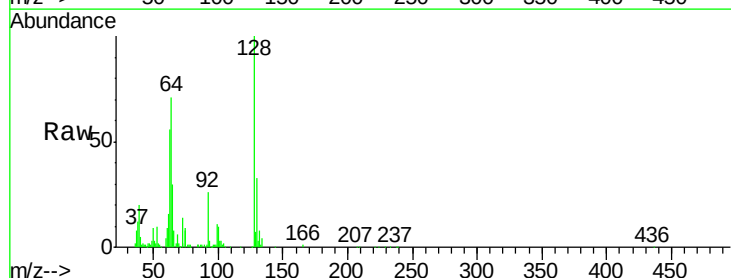
RT: 7.65 min Scan# 818

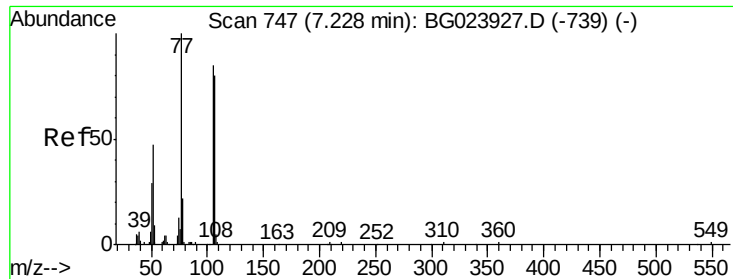
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		138204		
130	33.3	12.9	52.9		
64	71.5	42.0	82.0		





#9

Benzaldehyde

Concen: 7.77 ng

RT: 7.22 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

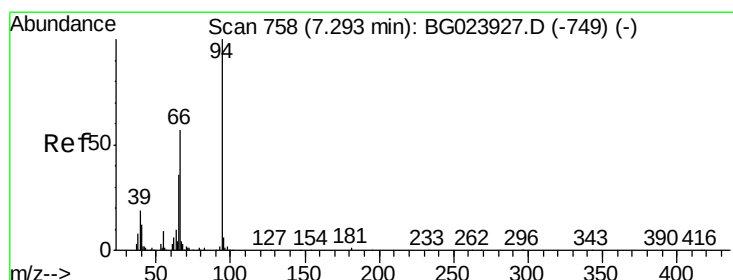
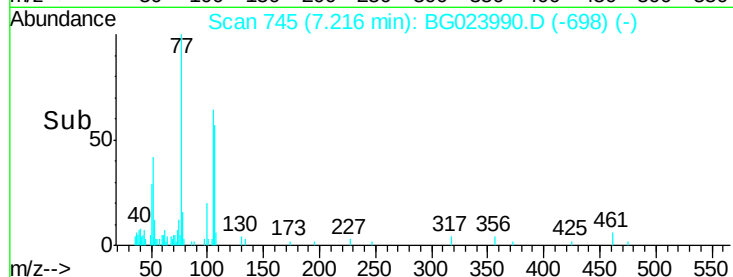
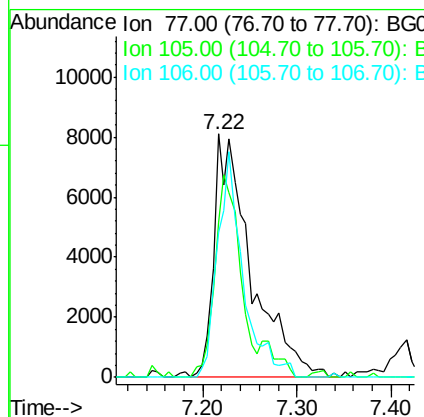
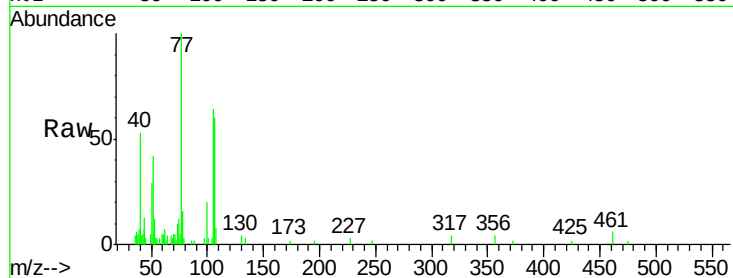
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	77	Resp:	22401
Ion	Ratio	Lower	Upper
77	100		
105	63.6	58.7	98.7
106	59.8	67.5	107.5#

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#10

Phenol

Concen: 44.82 ng

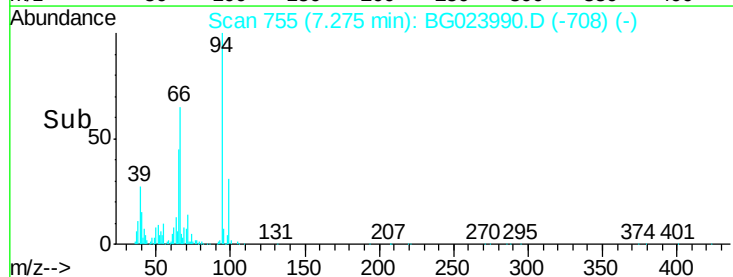
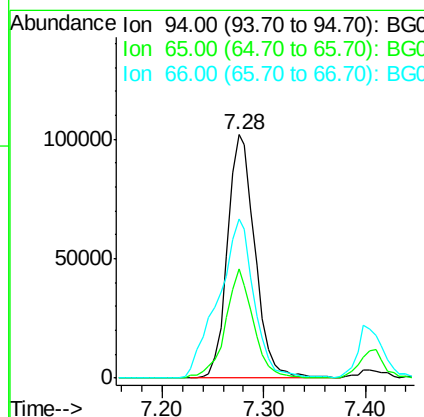
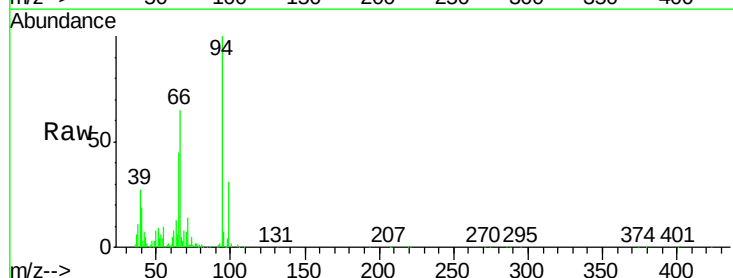
RT: 7.28 min Scan# 755

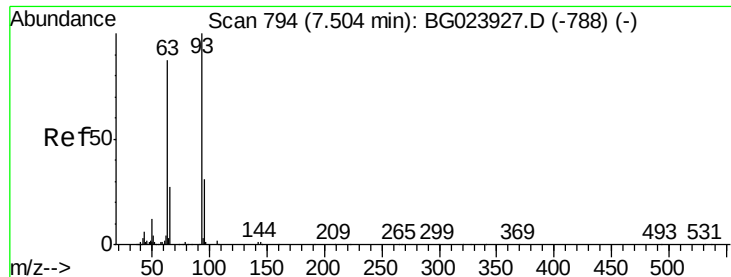
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	94	Resp:	191308
Ion	Ratio	Lower	Upper
94	100		
65	44.7	18.1	58.1
66	65.4	42.1	82.1





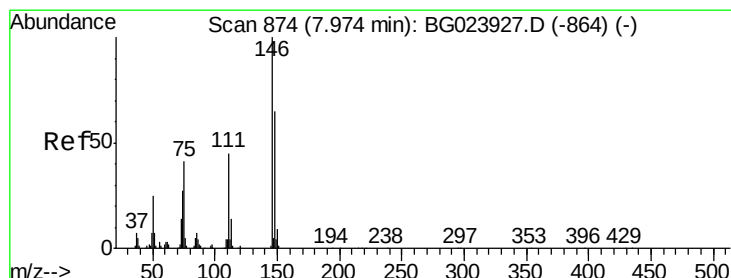
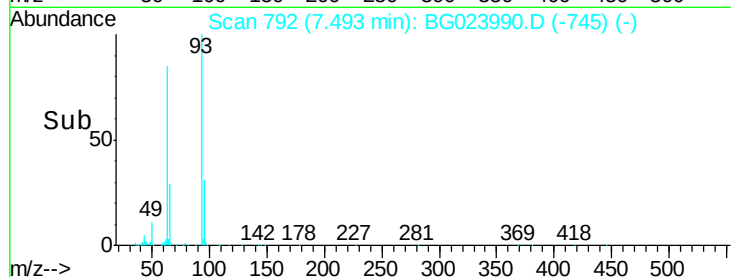
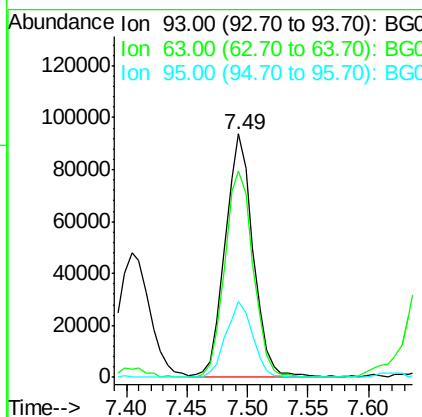
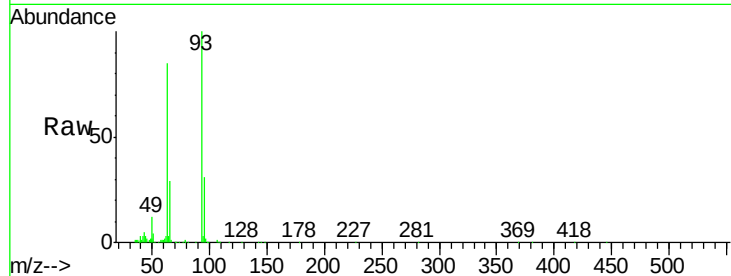
#11
bis(2-Chloroethyl)ether
Concen: 44.72 ng
RT: 7.49 min Scan# 792
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		150189		
63	85.1		55.0	95.0	
95	31.4		11.0	51.0	

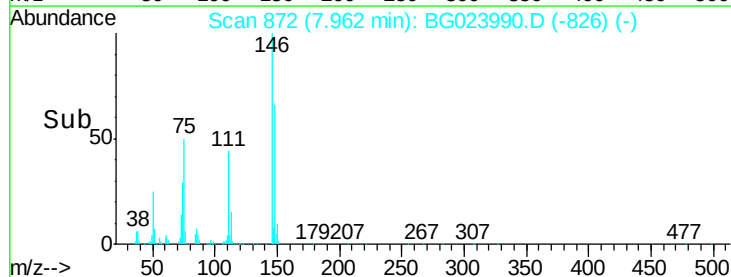
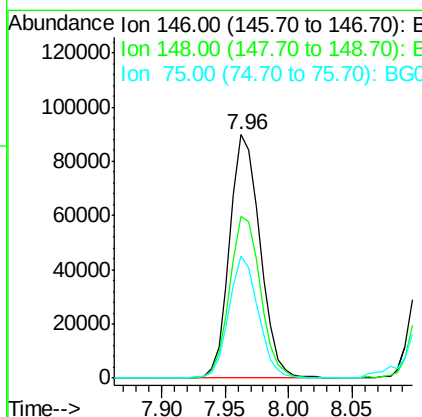
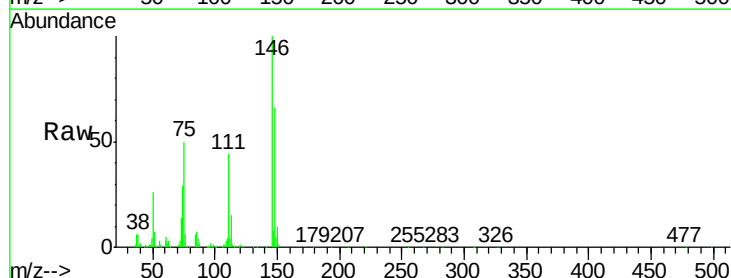
Manual Integrations
APPROVED

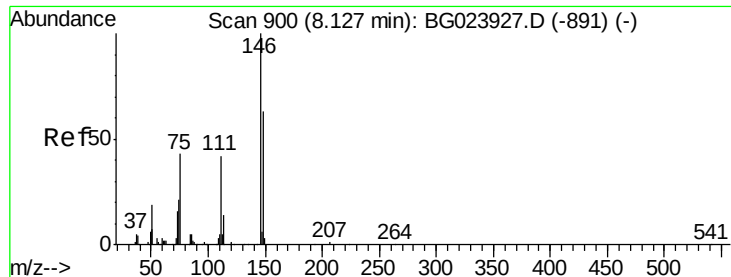
sohil
9/15/2016 12:50:32 PM



#12
1,3-Dichlorobenzene
Concen: 41.75 ng
RT: 7.96 min Scan# 872
Delta R.T. -0.03 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		149220		
148	66.4		50.3	75.5	
75	50.0		37.0	55.6	





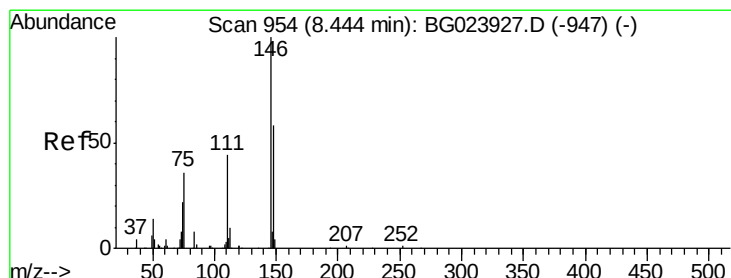
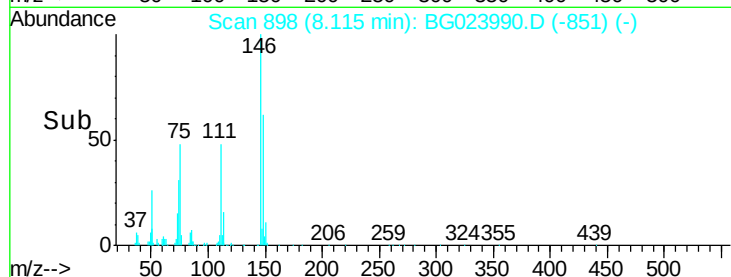
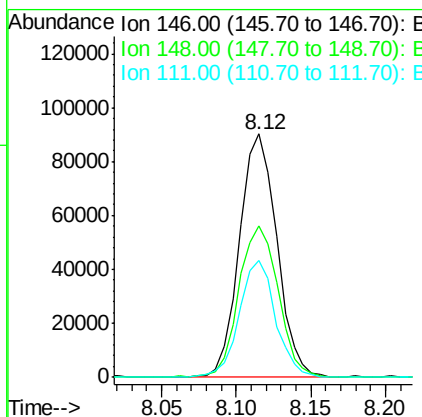
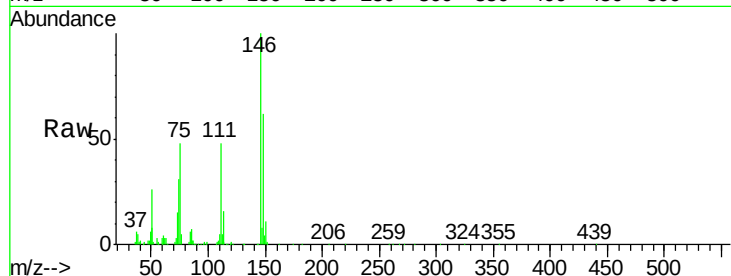
#13
1,4-Dichlorobenzene
Concen: 41.52 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	54.5	81.7
111	48.2	37.8	56.8

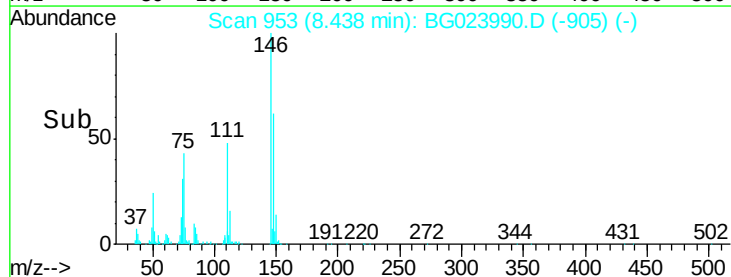
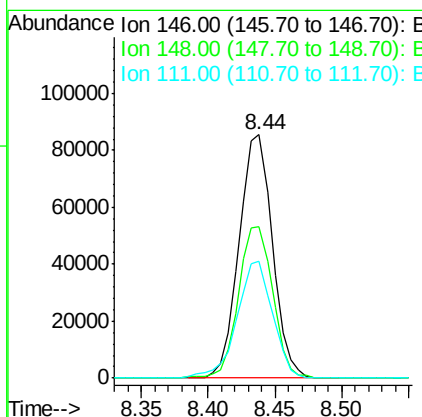
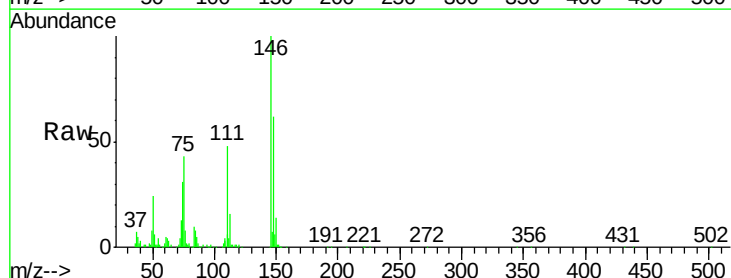
Manual Integrations
APPROVED

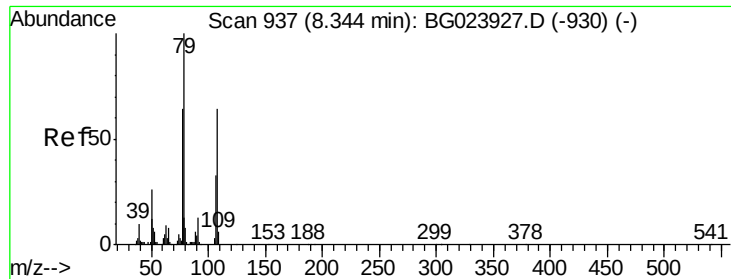
sohil
9/15/2016 12:50:32 PM



#14
1,2-Dichlorobenzene
Concen: 41.57 ng
RT: 8.44 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.9	79.3
111	47.9	43.5	65.3





#15

Benzyl Alcohol

Concen: 53.73 ng

RT: 8.33 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

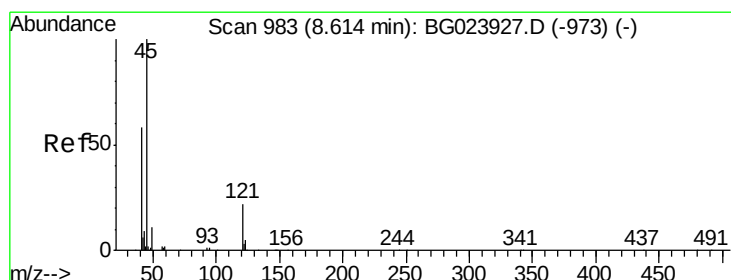
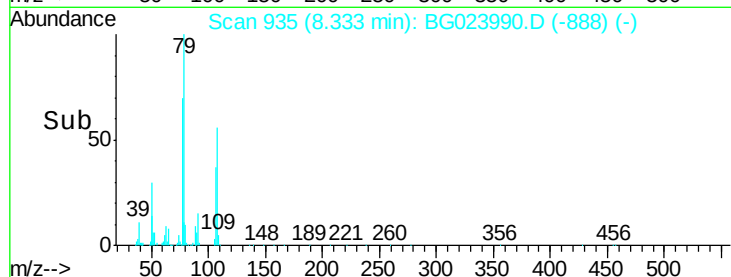
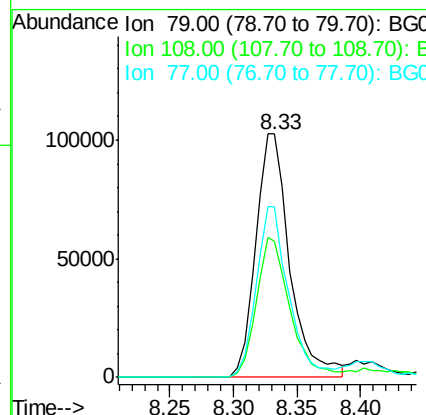
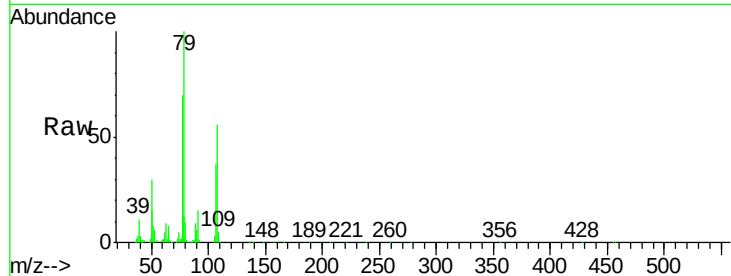
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	79	Resp:	192215
Ion Ratio	Lower	Upper	
79	100		
108	56.0	46.5	69.7
77	69.9	52.3	78.5

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.55 ng

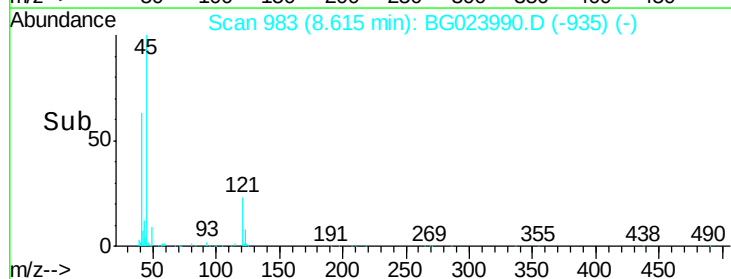
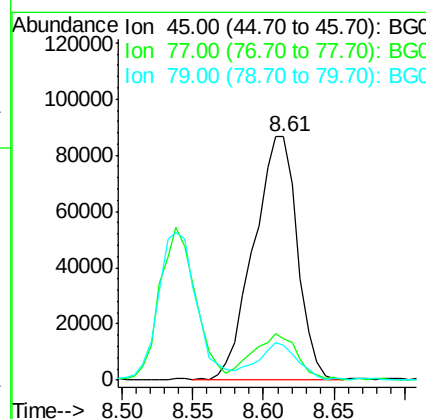
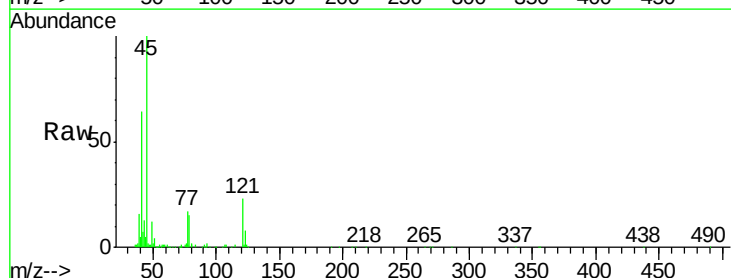
RT: 8.61 min Scan# 983

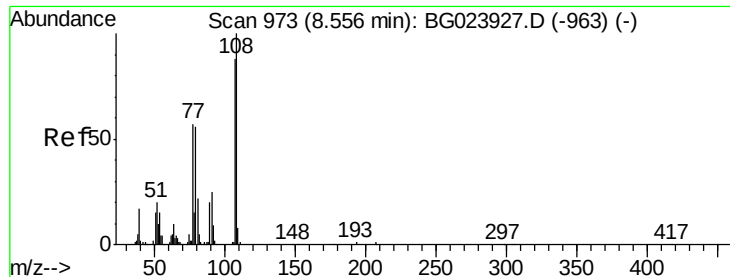
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	45	Resp:	187029
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.6	40.6
79	14.5	0.0	36.2





#17

2-Methylphenol

Concen: 48.22 ng

RT: 8.54 min Scan# 970

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

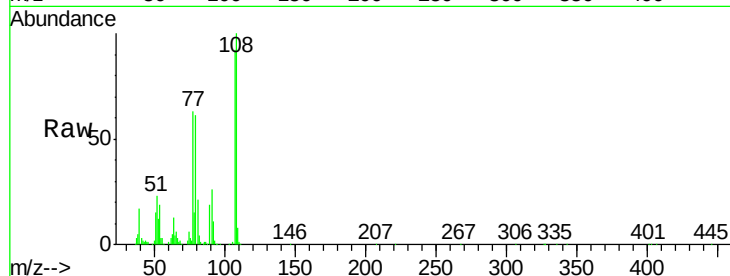
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	92.0	138.0	
77	68.8	55.8	83.6	
79	66.7	55.0	82.6	

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM

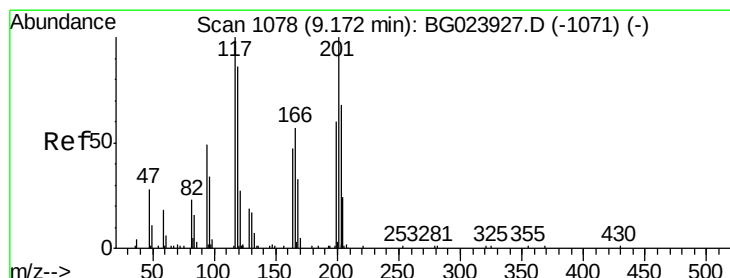
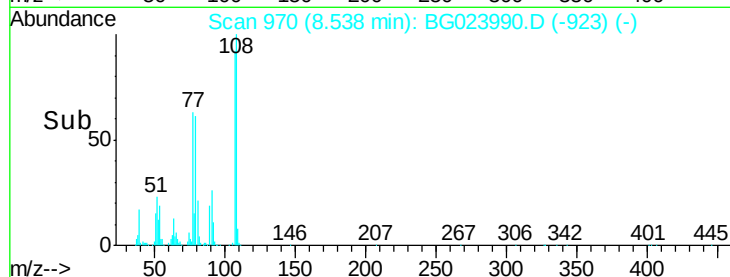
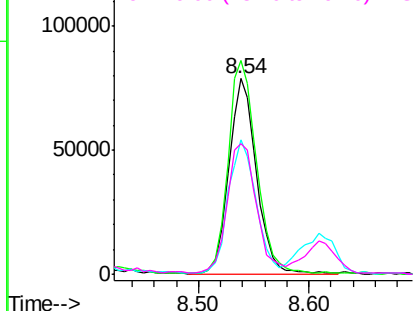


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.06 ng

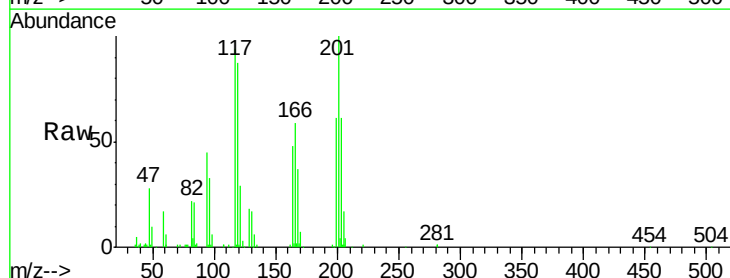
RT: 9.16 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

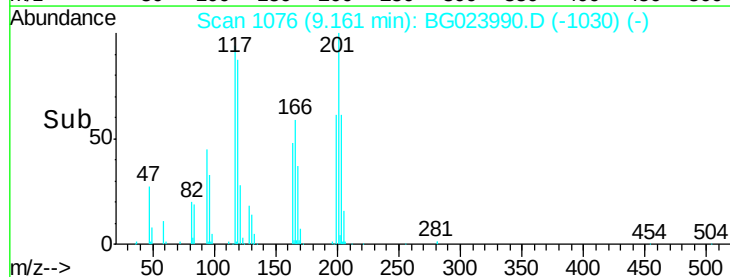
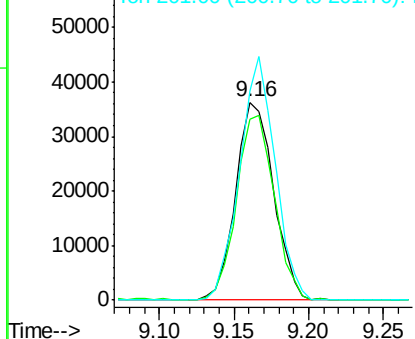
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.3	73.7	110.5	
201	105.4	88.7	133.1	

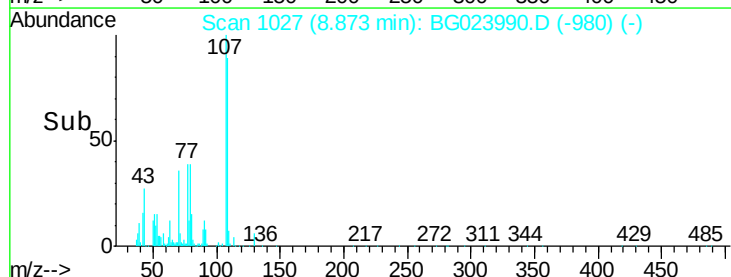
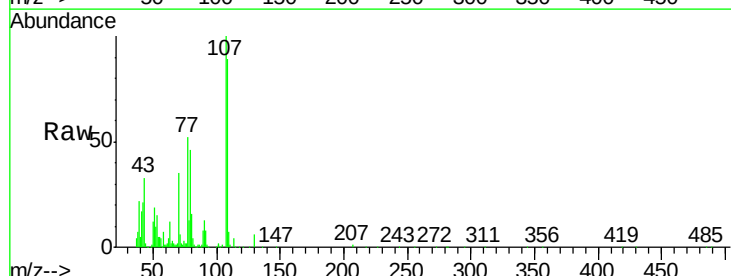
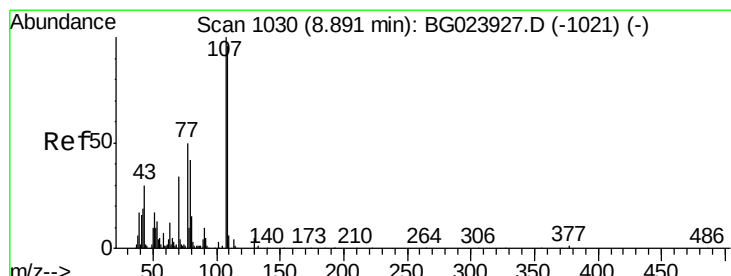
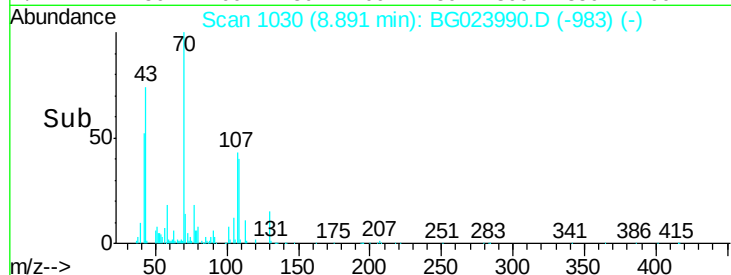
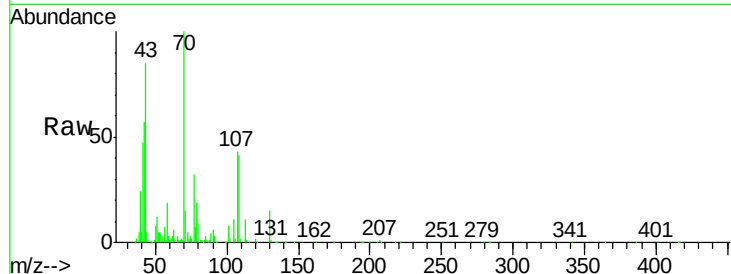
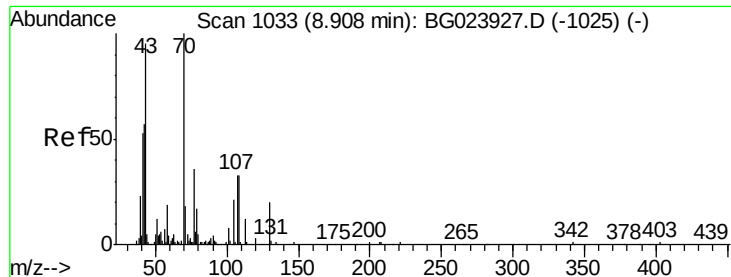


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

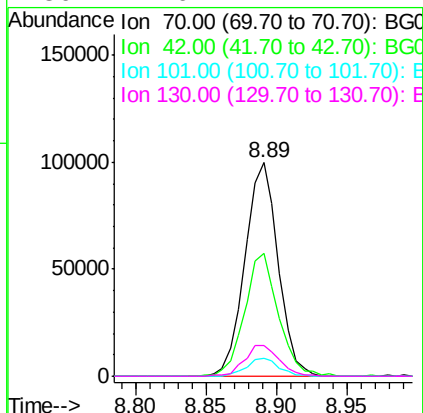
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.81 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		164206		
42	57.4	42.1	63.1		
101	8.2	7.2	10.8		
130	14.6	14.2	21.2		



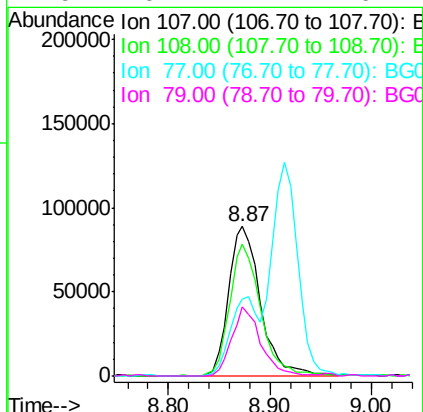
Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

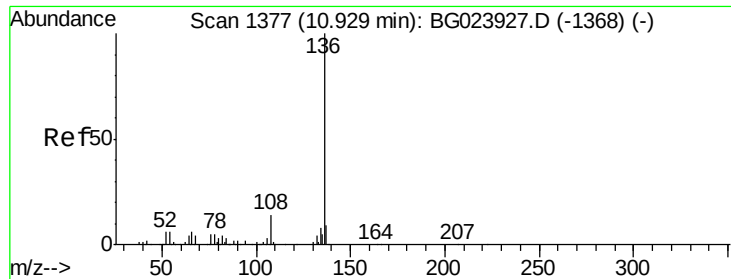
Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM

#20
3+4-Methylphenols
Concen: 48.38 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		193879		
108	88.6	72.5	112.5		
77	51.9	30.1	70.1		
79	46.4	24.2	64.2		





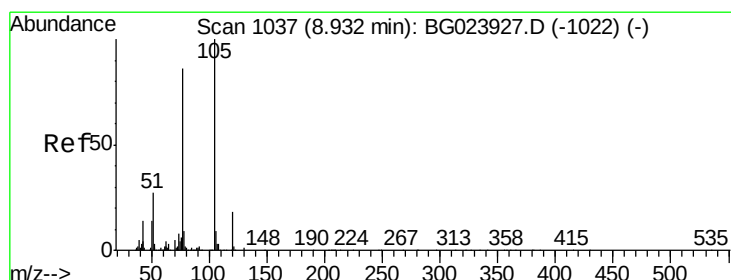
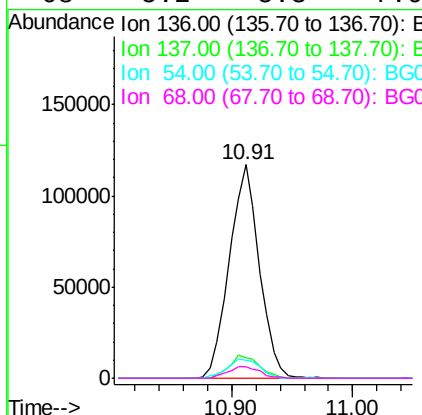
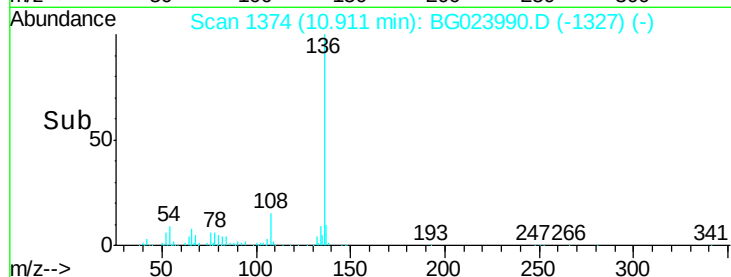
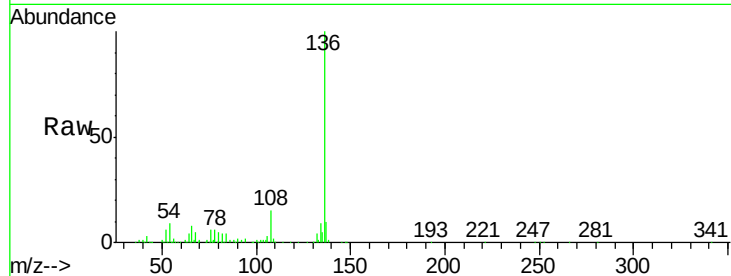
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	202049		
137	9.9	9.6	14.4	
54	8.7	7.3	10.9	
68	5.2	5.3	7.9#	

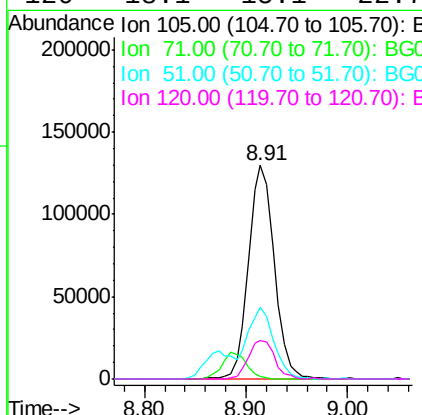
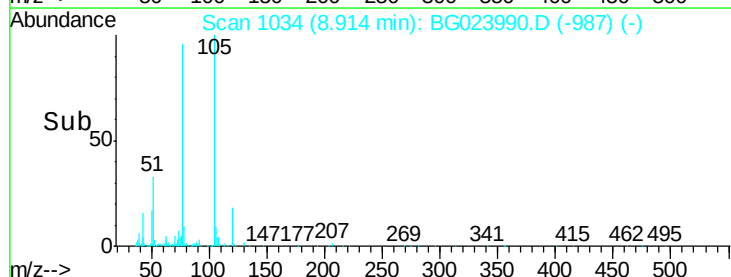
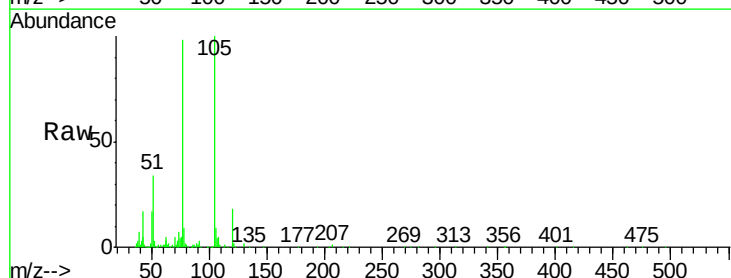
Manual Integrations
APPROVED

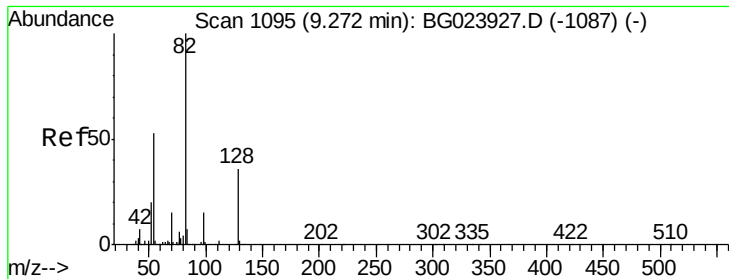
sohil
9/15/2016 12:50:32 PM



#22
Acetophenone
Concen: 43.96 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229940		
71	0.9	2.6	3.8#	
51	33.6	27.1	40.7	
120	18.1	15.1	22.7	





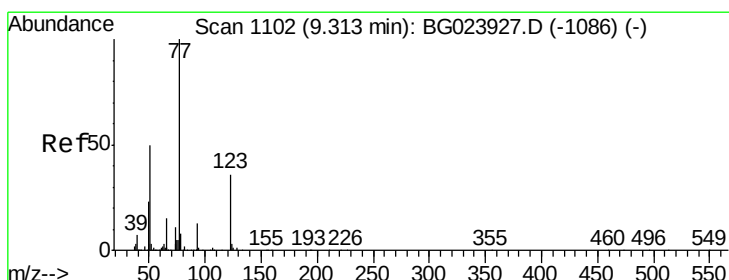
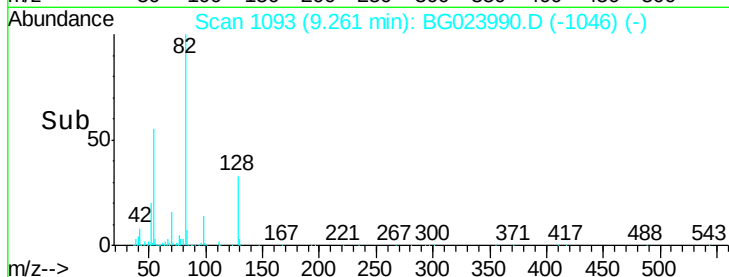
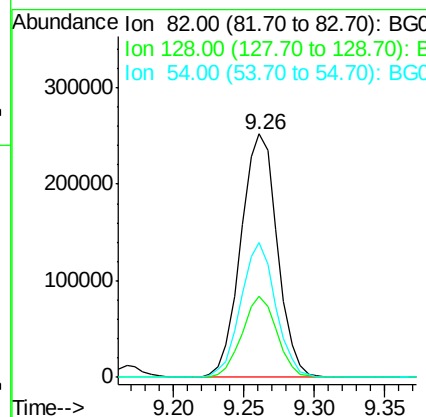
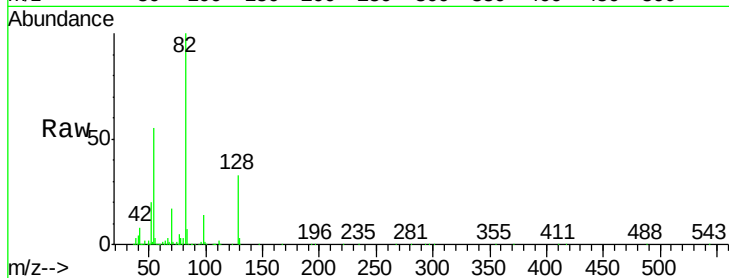
#23
 Nitrobenzene-d5
 Concen: 100.54 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.4	36.6
54	55.3	41.4	62.0

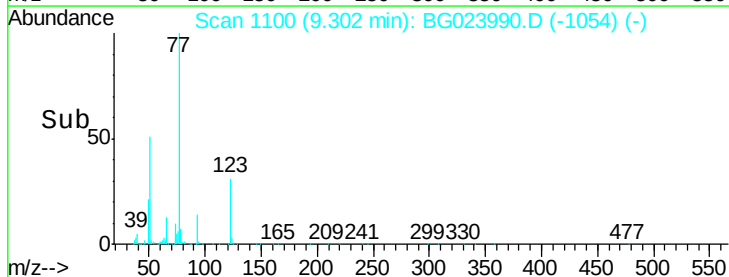
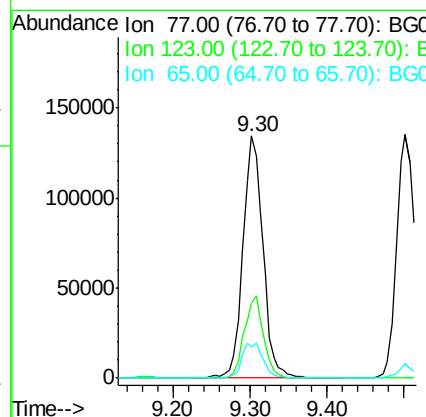
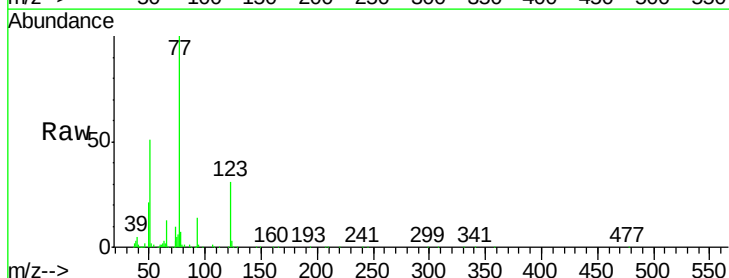
Manual Integrations
 APPROVED

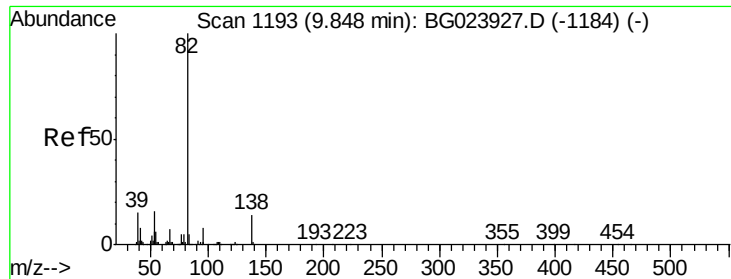
sohil
 9/15/2016 12:50:32 PM



#24
 Nitrobenzene
 Concen: 50.40 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.03 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	30.8	25.0	37.6
65	13.1	13.4	20.0





#25

Isophorone

Concen: 48.91 ng

RT: 9.82 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

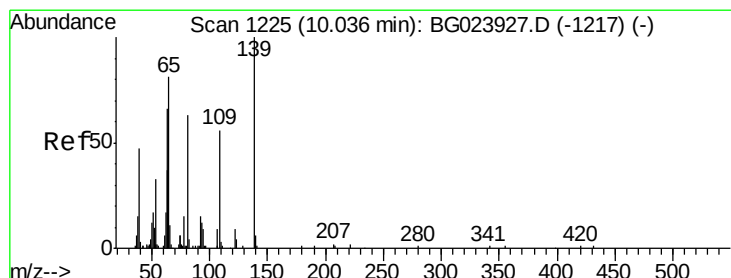
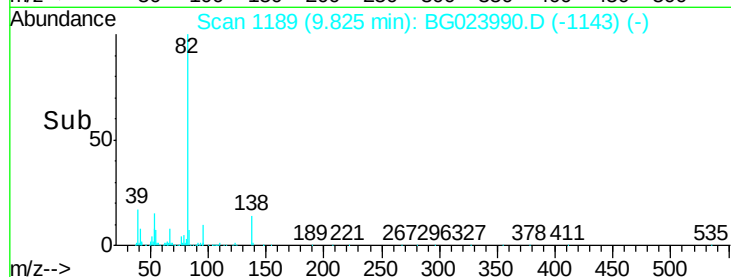
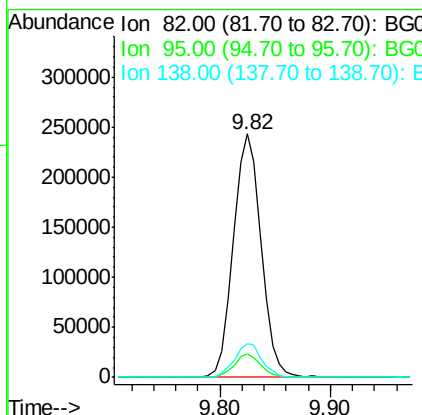
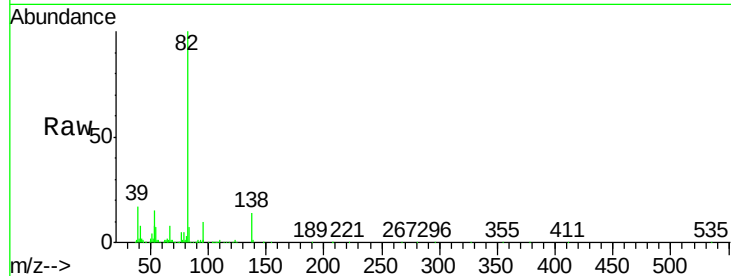
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	82	Resp:	429245
Ion Ratio	Lower	Upper	
82	100		
95	9.8	8.2	12.2
138	13.7	10.7	16.1

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#26

2-Nitrophenol

Concen: 46.97 ng

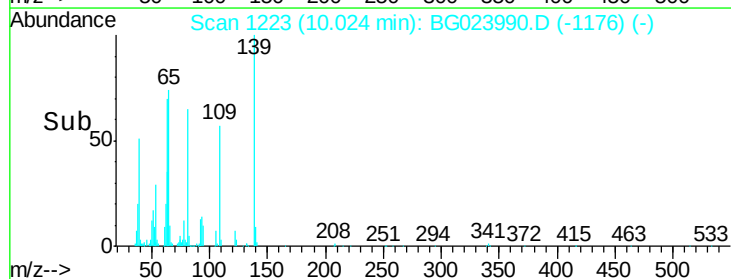
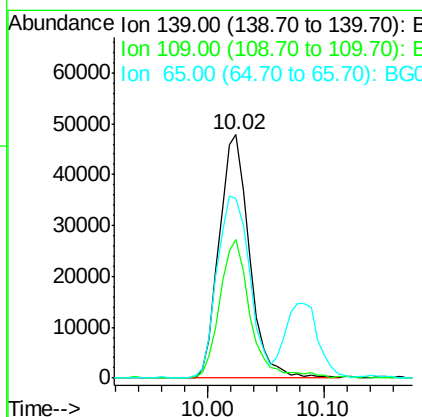
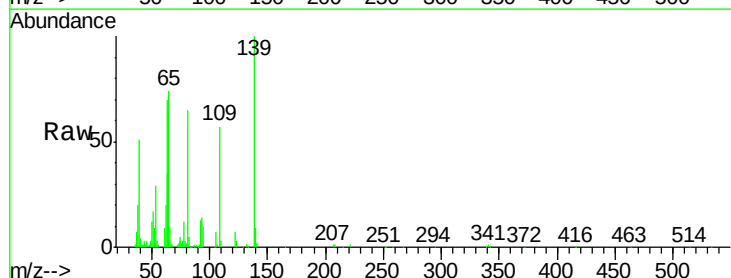
RT: 10.02 min Scan# 1223

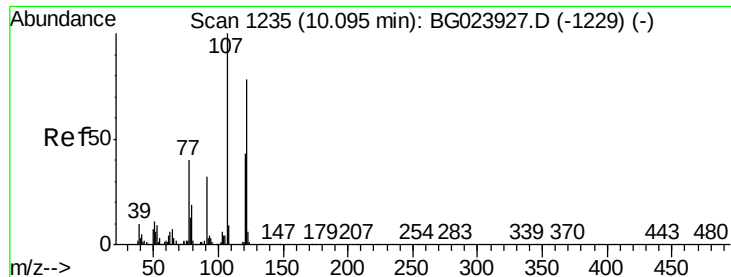
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	139	Resp:	86901
Ion Ratio	Lower	Upper	
139	100		
109	56.9	43.5	65.3
65	73.9	64.3	96.5





#27

2,4-Dimethylphenol

Concen: 49.77 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

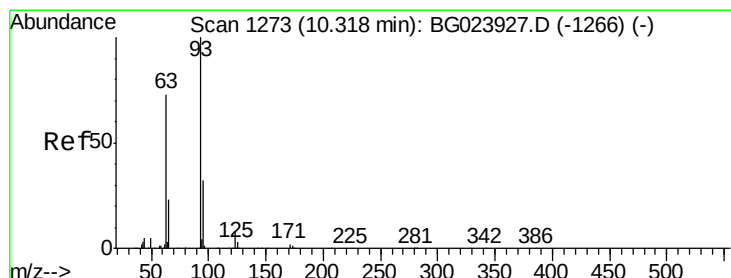
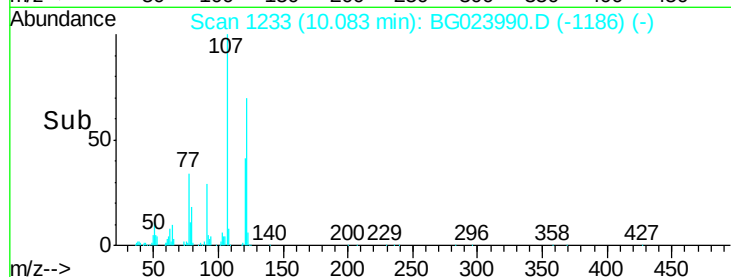
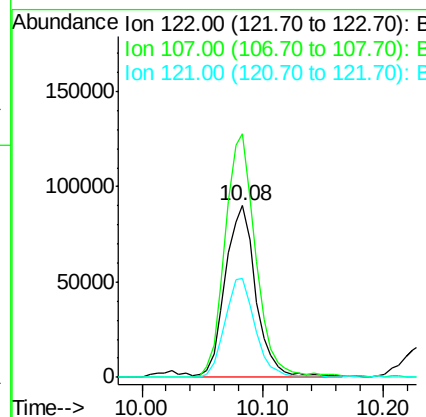
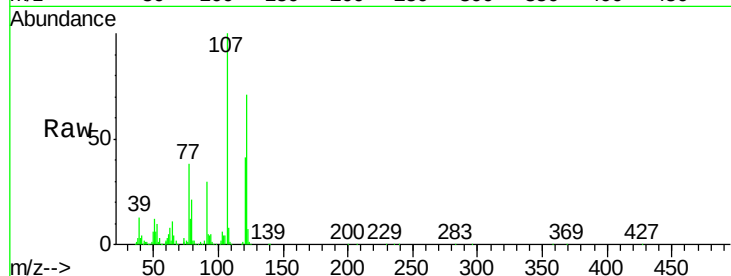
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.7	117.0	175.4
121	57.8	50.1	75.1

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#28

bis(2-Chloroethoxy)methane

Concen: 48.74 ng

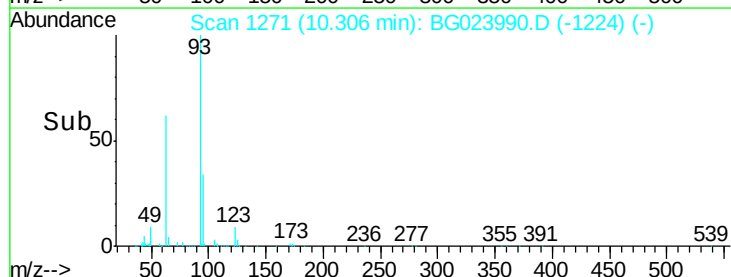
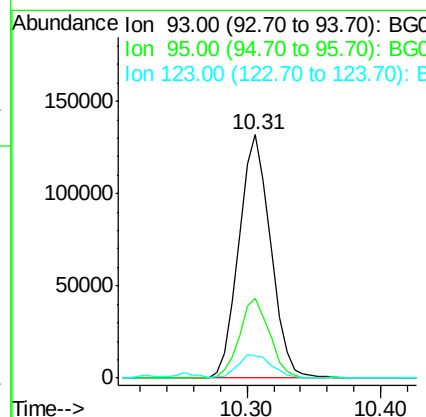
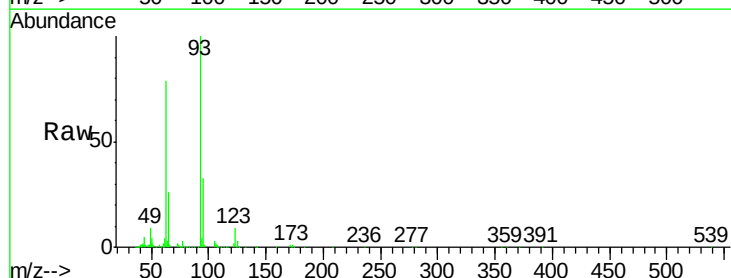
RT: 10.31 min Scan# 1271

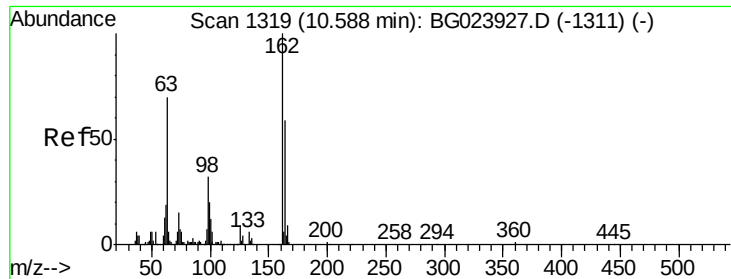
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.2
123	9.1	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 53.50 ng

RT: 10.58 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

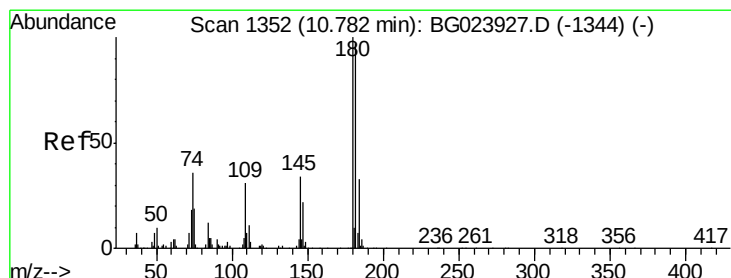
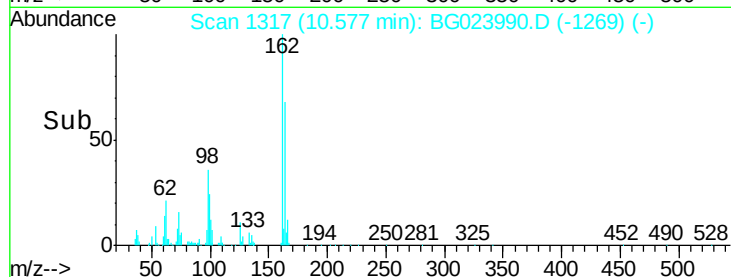
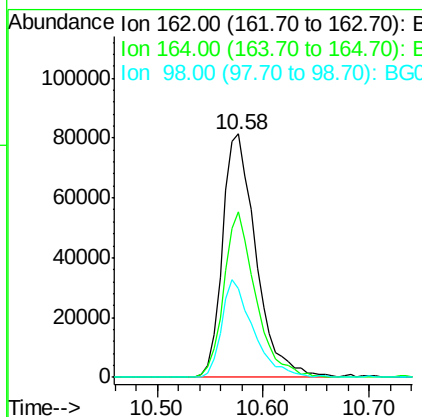
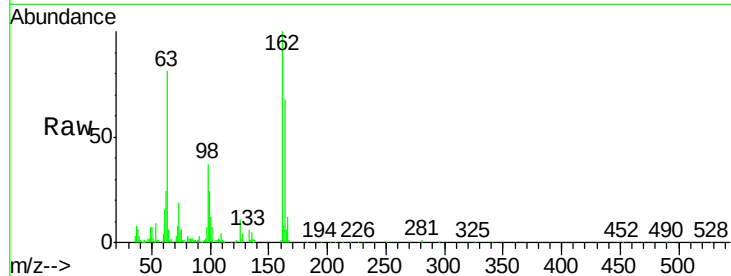
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	162	Resp:	178234
Ion Ratio	Lower	Upper	
162	100		
164	67.9	44.3	84.3
98	36.5	19.5	59.5

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#30

1,2,4-Trichlorobenzene

Concen: 47.99 ng

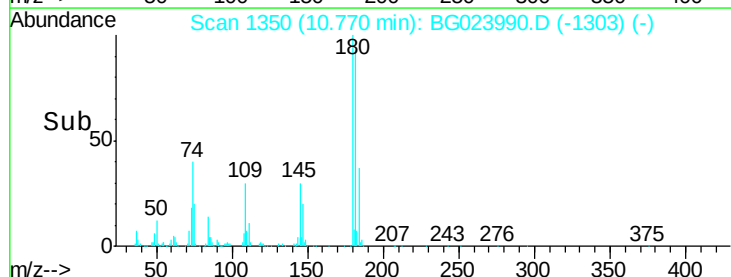
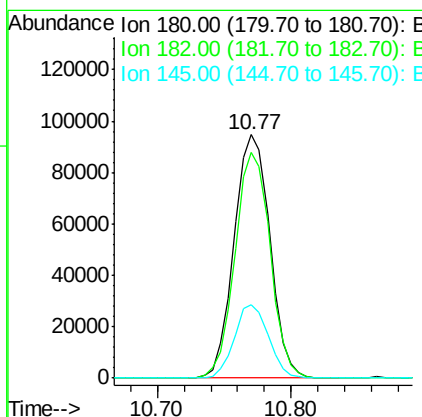
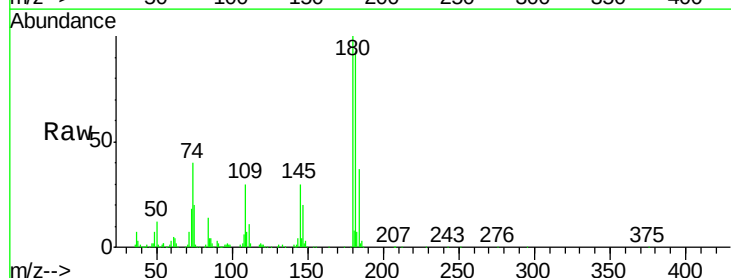
RT: 10.77 min Scan# 1350

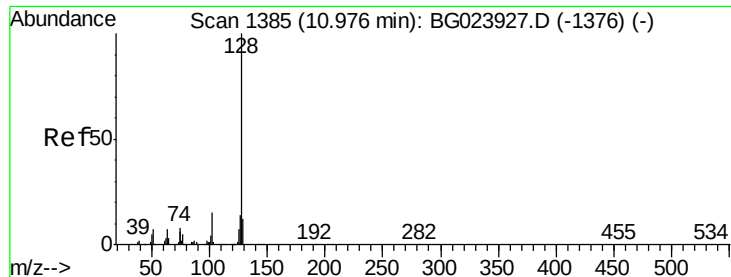
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	180	Resp:	175357
Ion Ratio	Lower	Upper	
180	100		
182	92.7	73.8	110.8
145	30.1	24.4	36.6





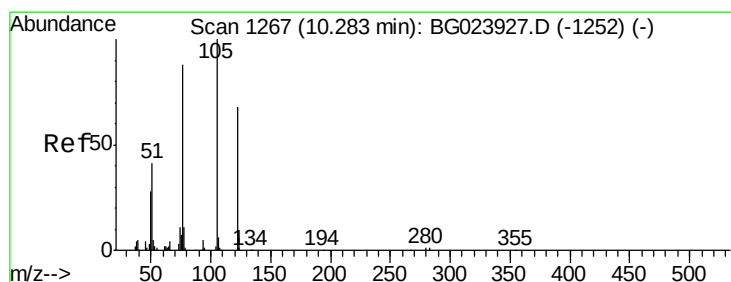
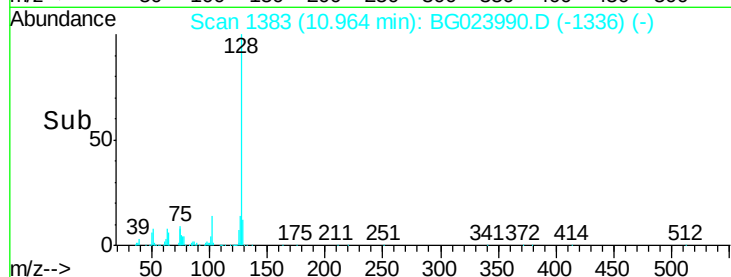
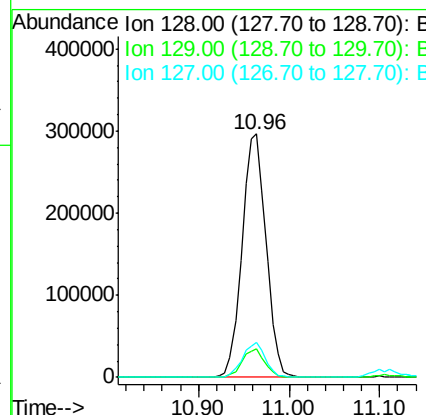
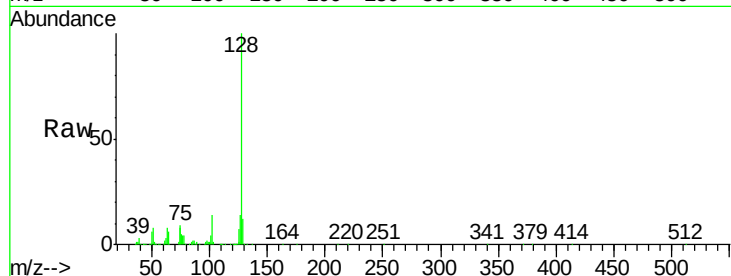
#31
Naphthalene
Concen: 52.26 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	14.2	11.3	16.9

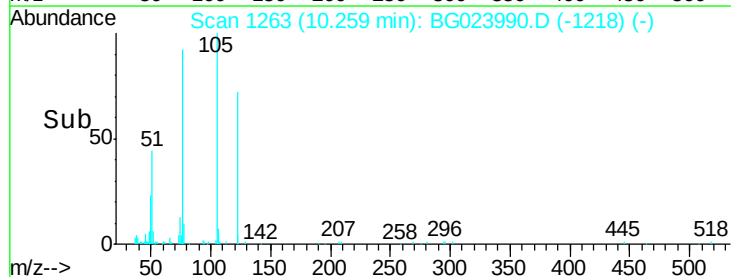
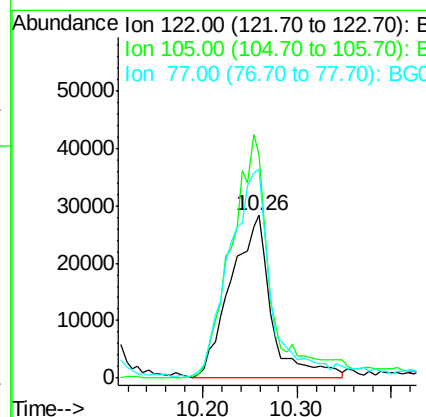
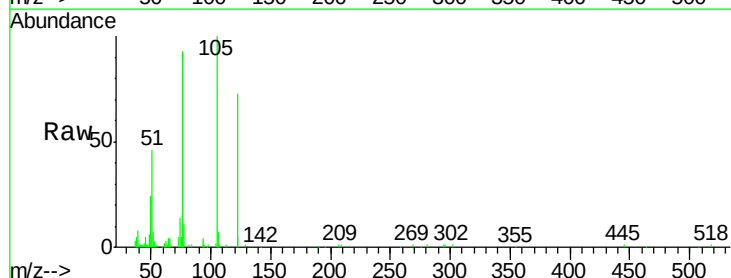
Manual Integrations
APPROVED

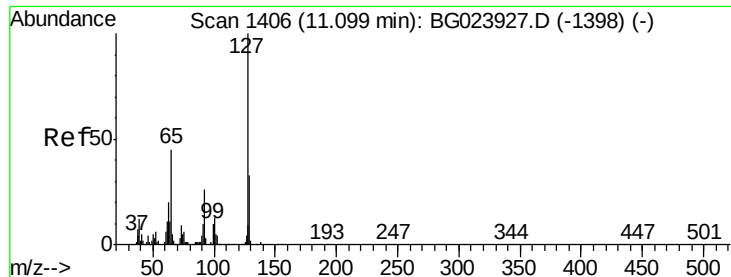
sohil
9/15/2016 12:50:32 PM



#32
Benzoic acid
Concen: 33.43 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.2	117.2	157.2
77	128.2	109.2	149.2





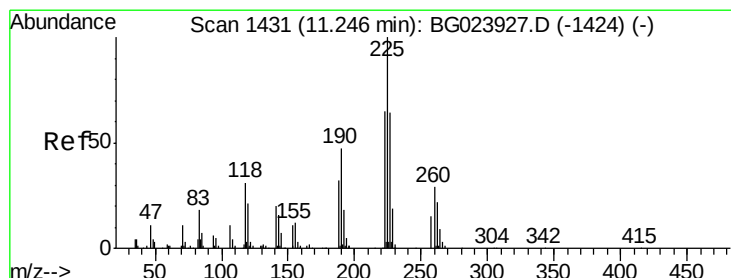
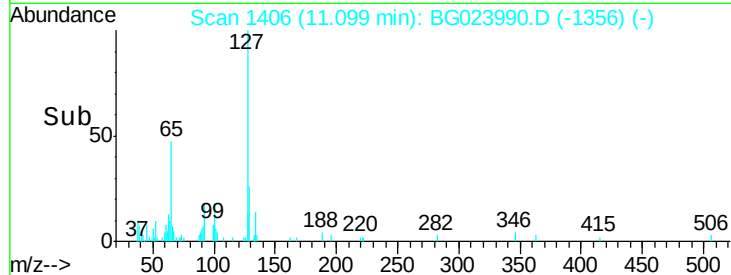
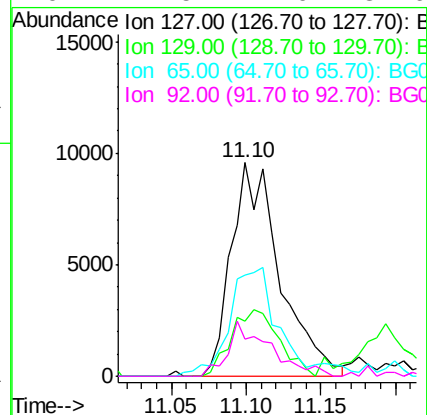
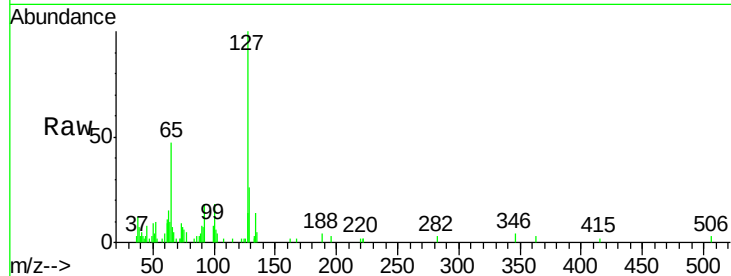
#33
4-Chloroaniline
Concen: 5.01 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	25.5	27.9	41.9#
65	47.2	36.8	55.2
92	17.5	21.0	31.6#

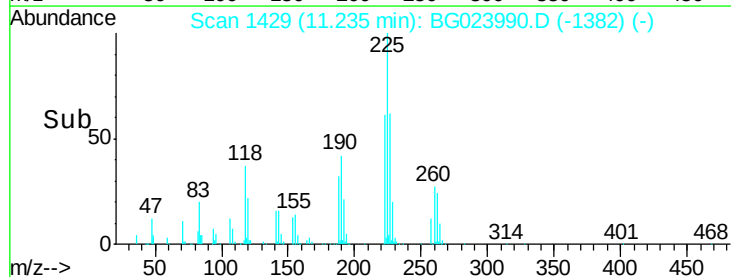
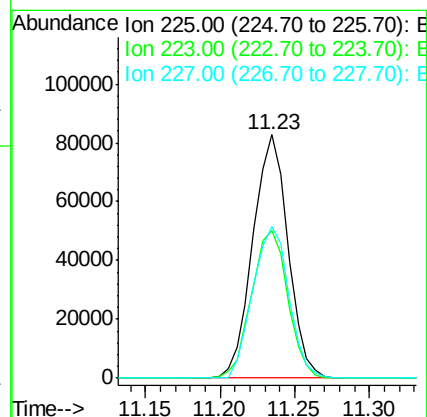
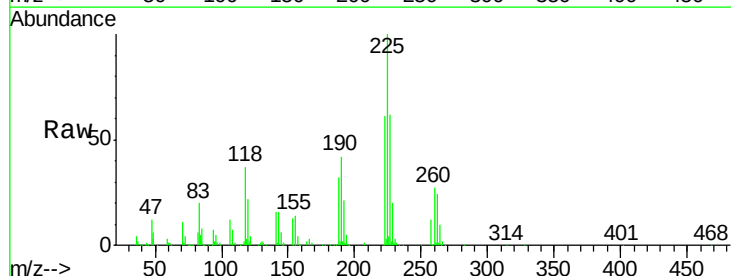
Manual Integrations
APPROVED

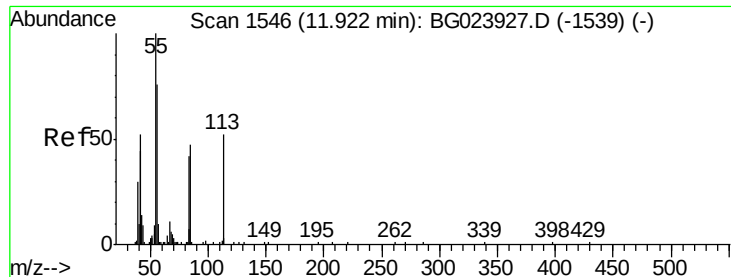
sohil
9/15/2016 12:50:32 PM



#34
Hexachlorobutadiene
Concen: 49.06 ng
RT: 11.23 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.6	74.4
227	62.2	54.5	81.7





#35

Caprolactam

Concen: 45.94 ng/ml

RT: 11.88 min Scan# 1539

Delta R.T. -0.04 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

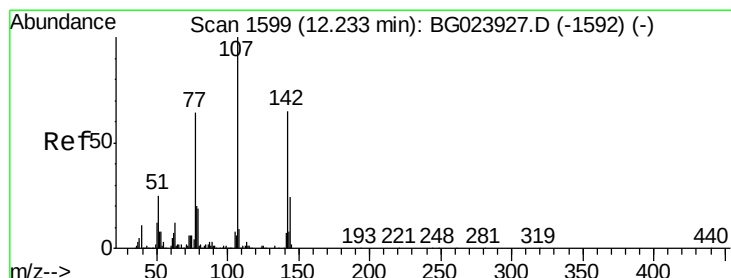
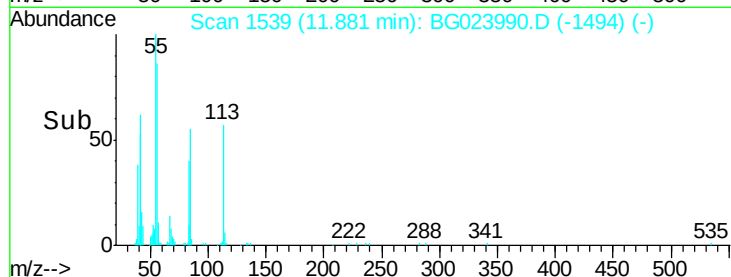
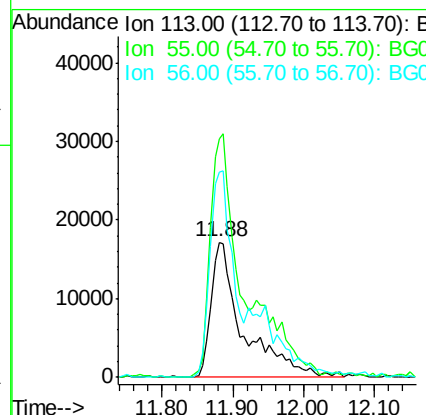
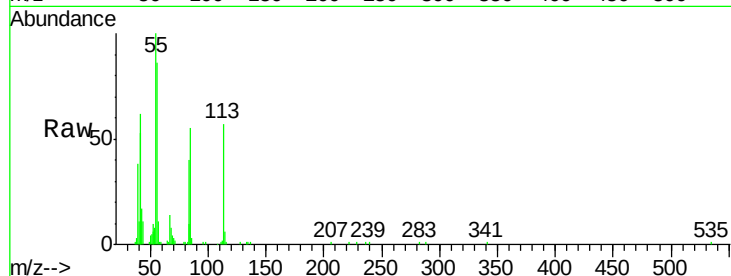
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	113	Resp:	53937
Ion	Ratio	Lower	Upper
113	100		
55	175.9	154.5	194.5
56	151.7	125.1	165.1

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#36

4-Chloro-3-methylphenol

Concen: 51.50 ng/ml

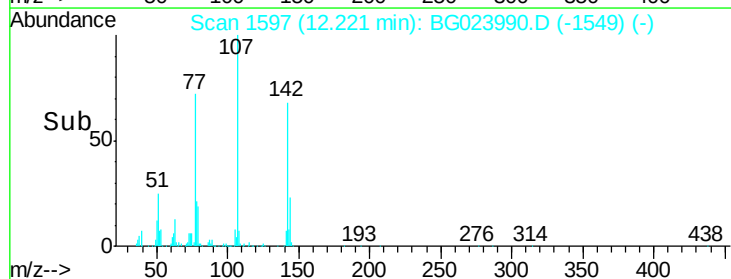
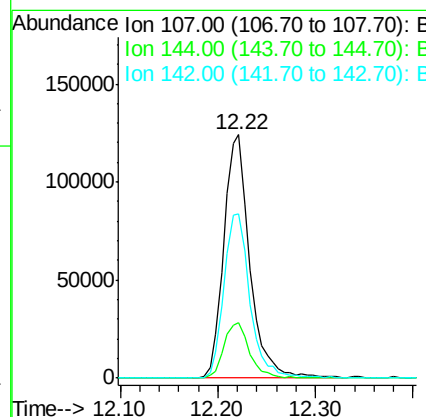
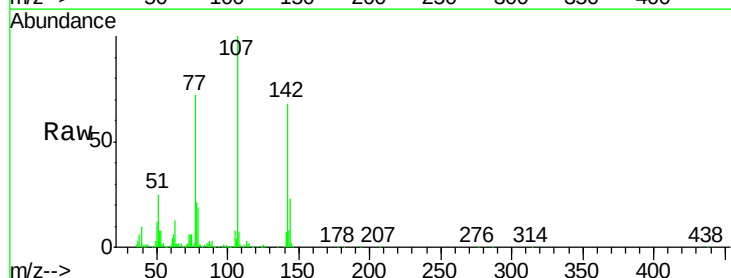
RT: 12.22 min Scan# 1597

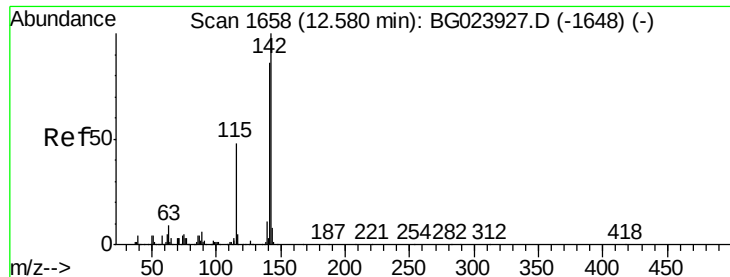
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	107	Resp:	229256
Ion	Ratio	Lower	Upper
107	100		
144	22.9	17.0	25.6
142	67.5	53.0	79.6





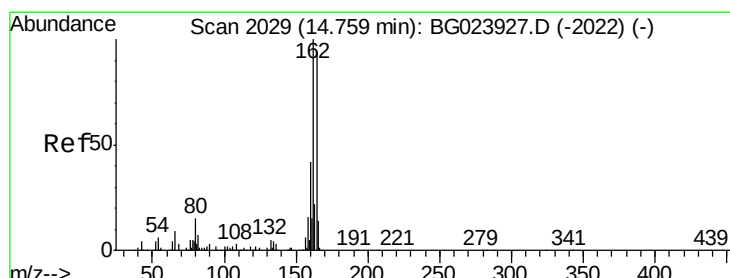
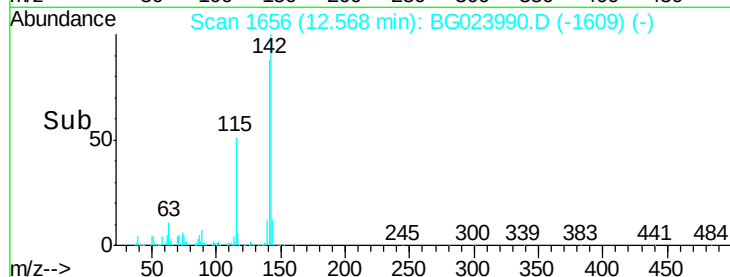
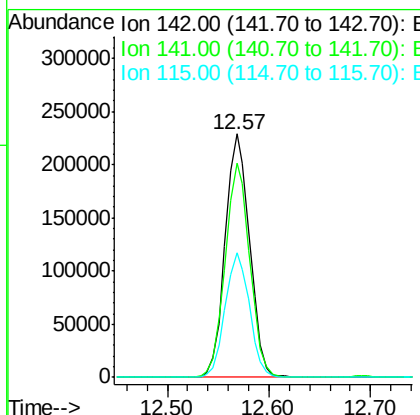
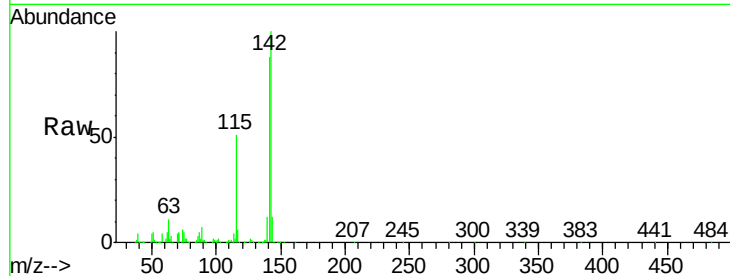
#37
2-Methylnaphthalene
Concen: 48.18 ng
RT: 12.57 min Scan# 1656
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.2
115	50.9	41.7	62.5

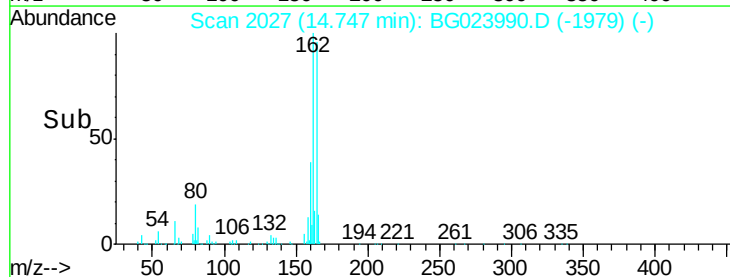
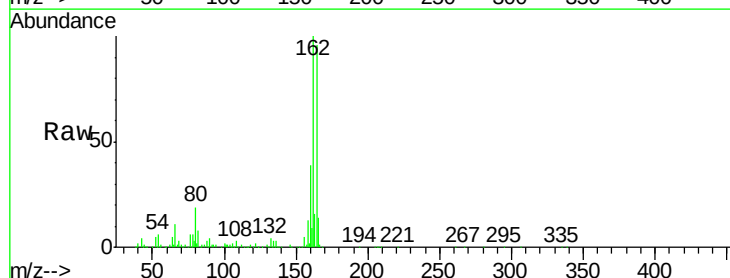
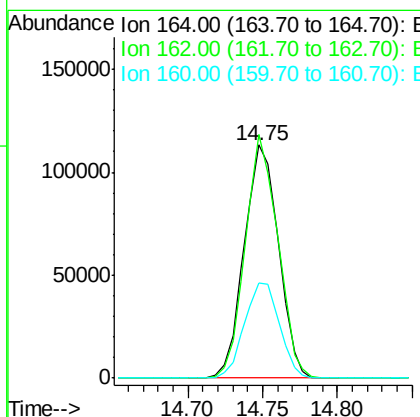
Manual Integrations
APPROVED

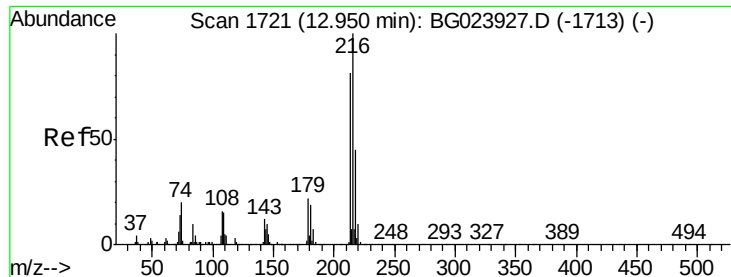
sohil
9/15/2016 12:50:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	87.7	131.5
160	40.7	37.2	55.8





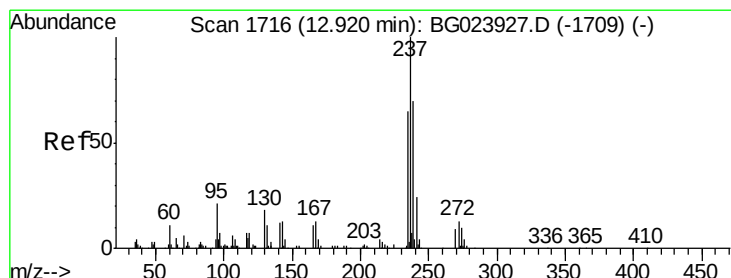
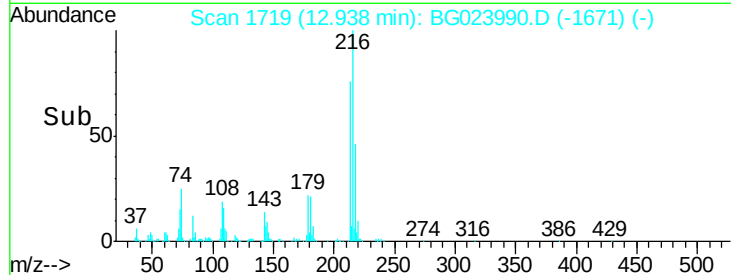
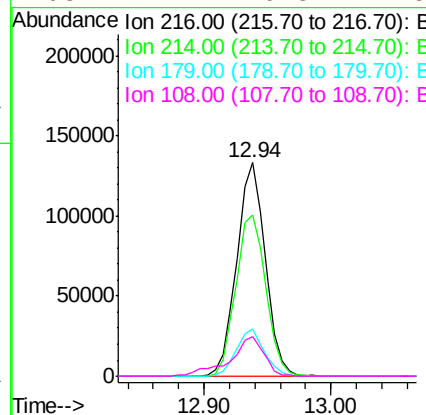
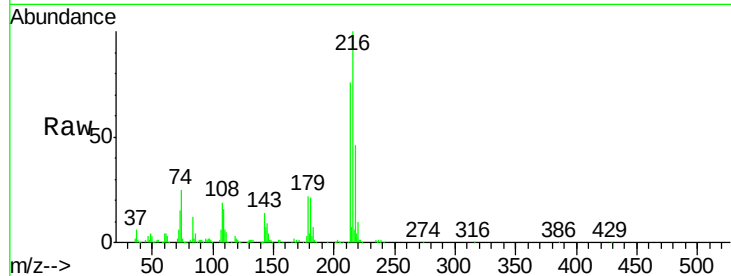
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.72 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		206778		
214	79.3		62.9	94.3	
179	21.9		17.2	25.8	
108	22.4		16.3	24.5	

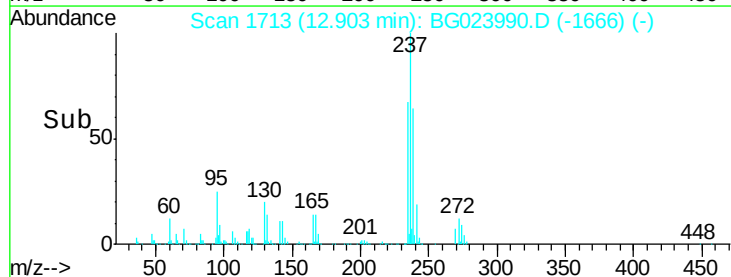
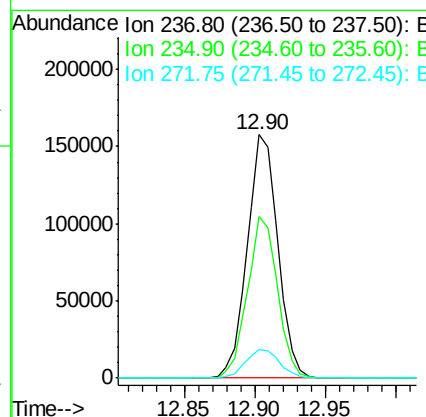
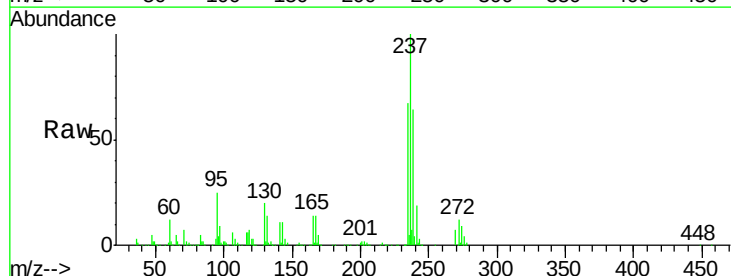
Manual Integrations
 APPROVED

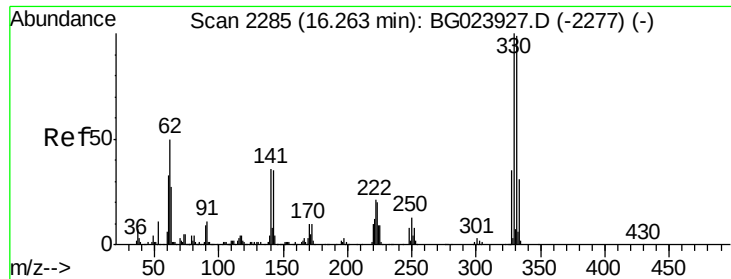
sohil
 9/15/2016 12:50:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 67.91 ng
 RT: 12.90 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		239459		
235	66.6		43.1	83.1	
272	11.5		0.0	30.9	





#41

2,4,6-Tribromophenol

Concen: 121.73 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

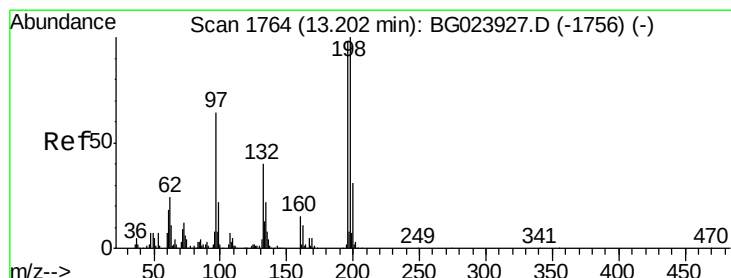
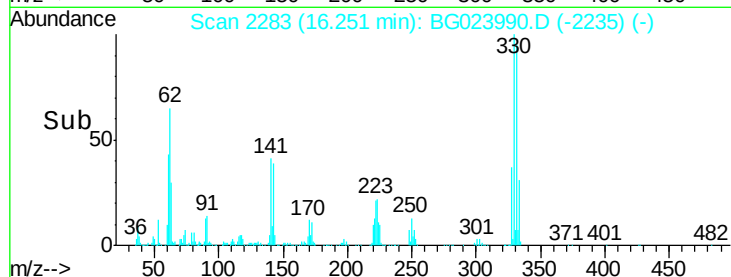
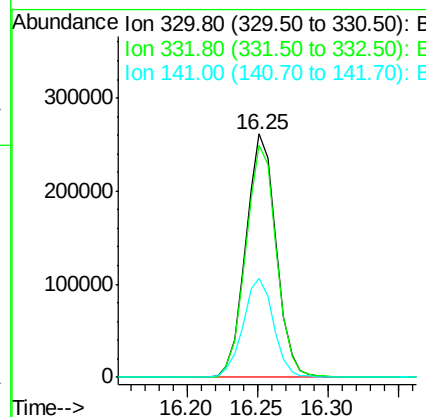
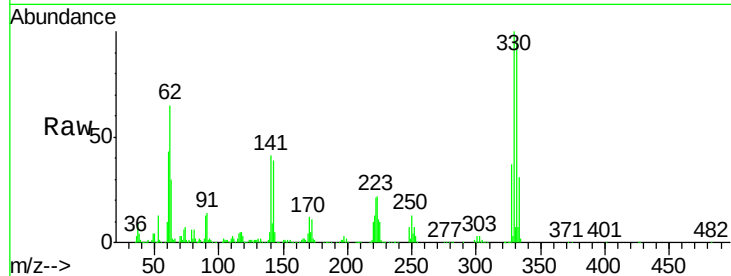
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	330	Resp:	393482
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.2
141	40.5	31.7	47.5

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#42

2,4,6-Trichlorophenol

Concen: 42.46 ng

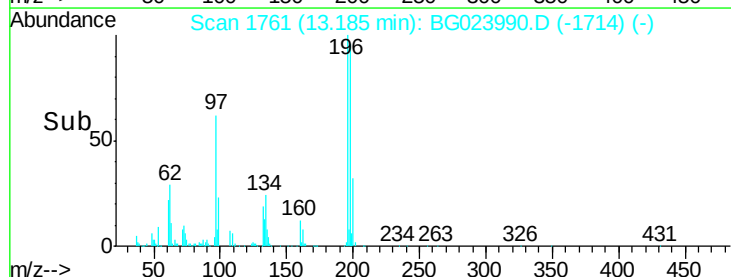
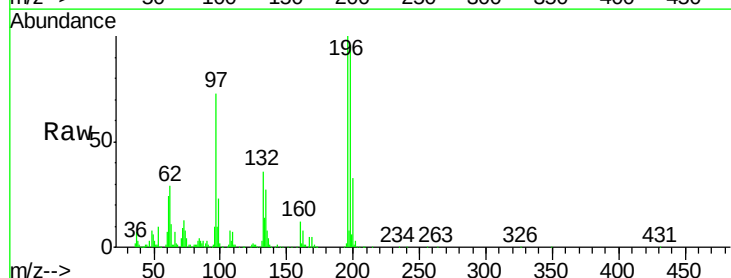
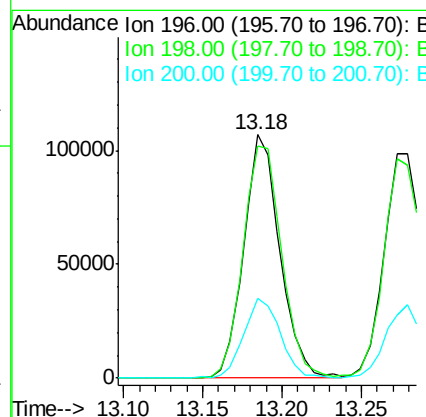
RT: 13.18 min Scan# 1761

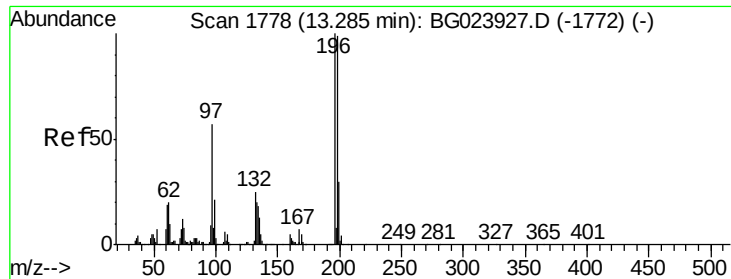
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	196	Resp:	168722
Ion Ratio	Lower	Upper	
196	100		
198	95.5	78.2	117.2
200	32.7	27.0	40.4





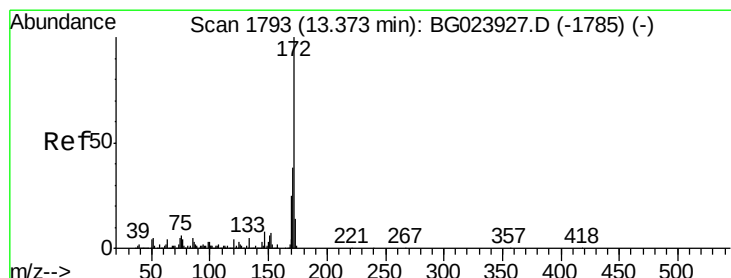
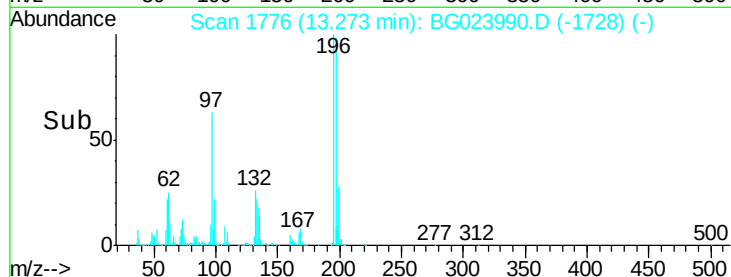
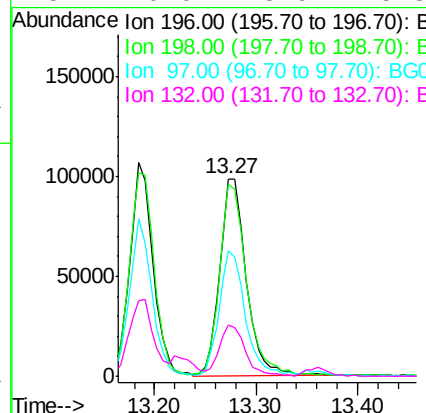
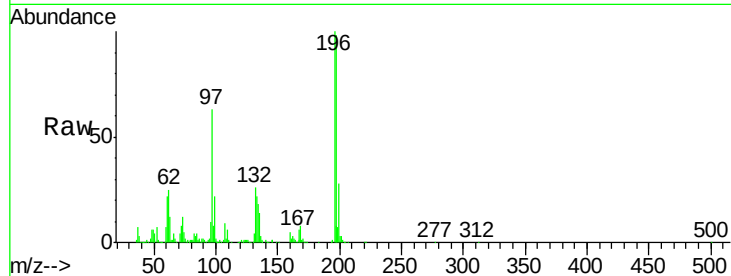
#43
 2,4,5-Trichlorophenol
 Concen: 44.48 ng
 RT: 13.27 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		178675		
198	97.6		85.7	128.5	
97	63.4		45.5	68.3	
132	26.0		18.9	28.3	

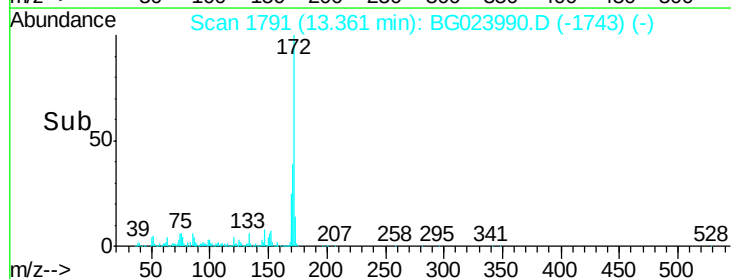
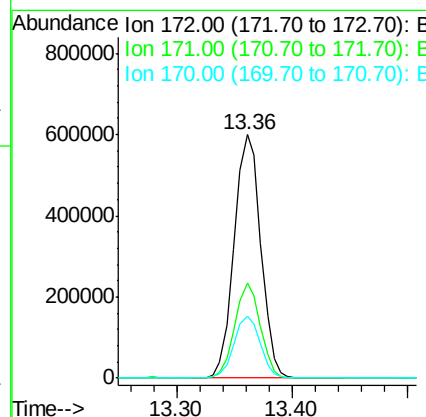
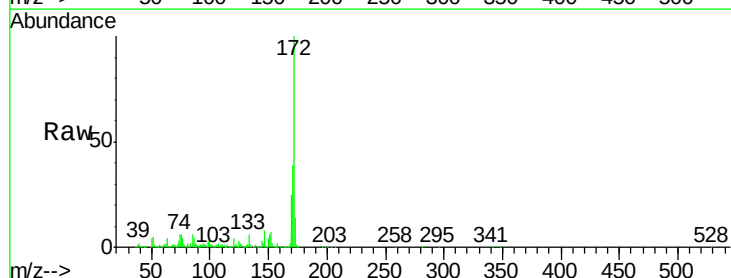
Manual Integrations
 APPROVED

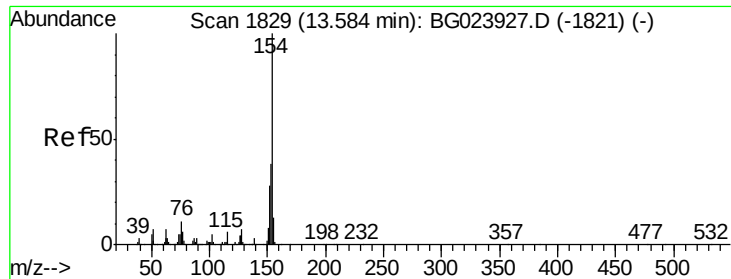
sohil
 9/15/2016 12:50:32 PM



#44
 2-Fluorobiphenyl
 Concen: 76.40 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		956070		
171	38.8		31.6	47.4	
170	25.2		21.3	31.9	





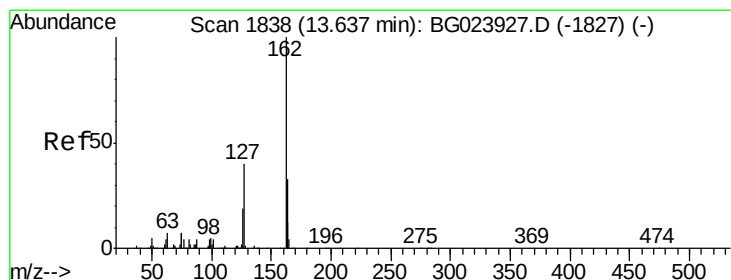
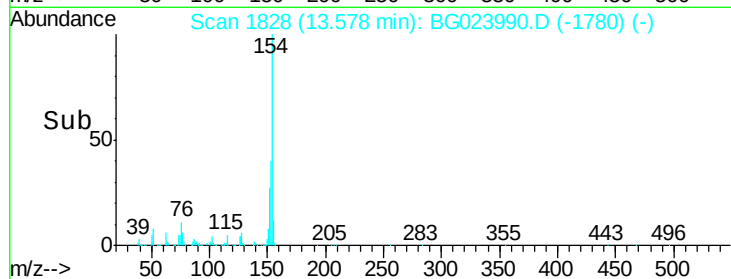
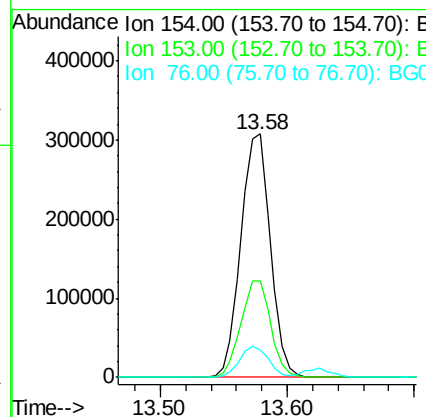
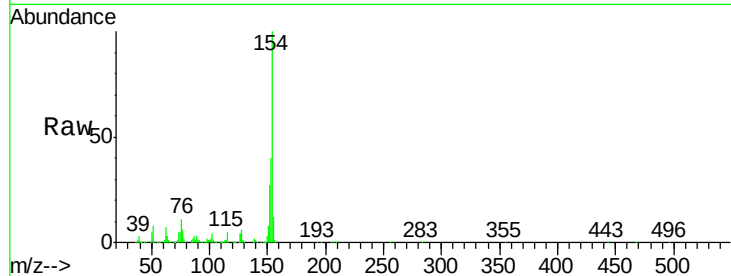
#45
 1,1'-Biphenyl
 Concen: 34.24 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	11.4	0.0	32.9

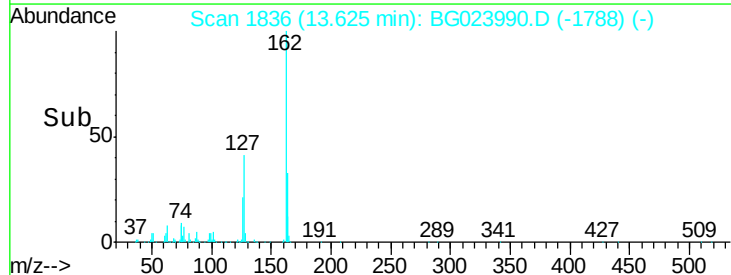
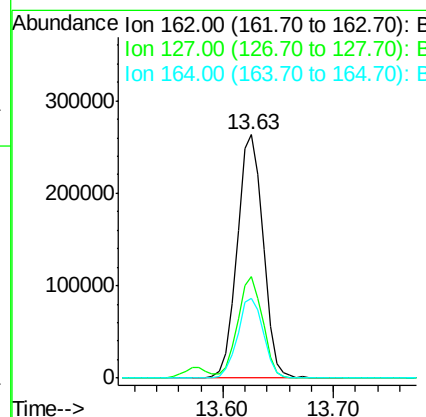
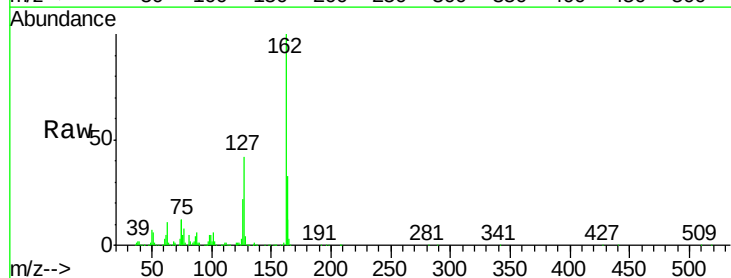
Manual Integrations
 APPROVED

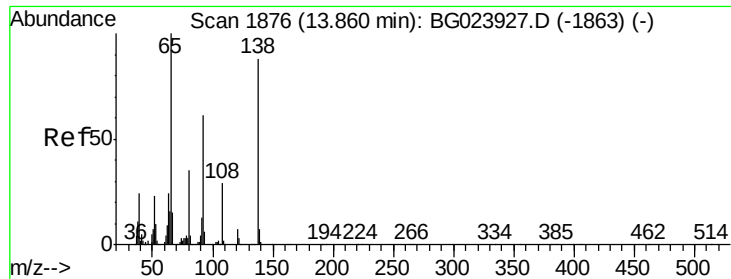
sohil
 9/15/2016 12:50:32 PM



#46
 2-Chloronaphthalene
 Concen: 41.06 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.4	48.6
164	32.8	25.2	37.8





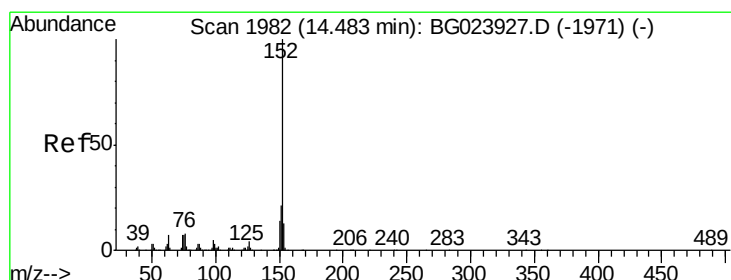
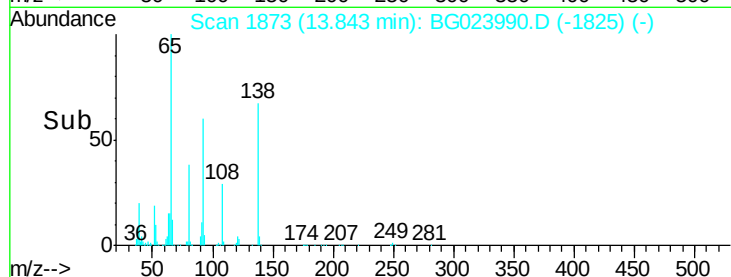
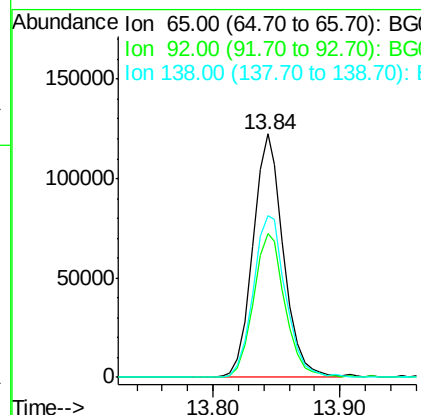
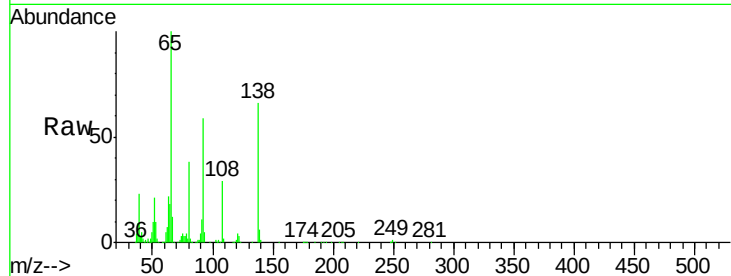
#47
2-Nitroaniline
Concen: 48.99 ng
RT: 13.84 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.9	49.4	74.0
138	66.4	58.0	87.0

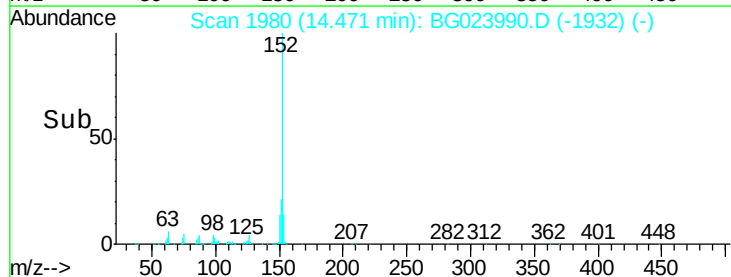
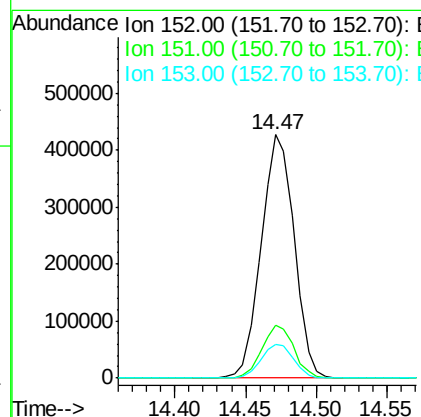
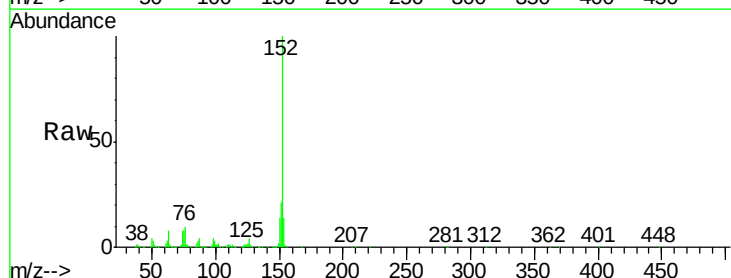
Manual Integrations
APPROVED

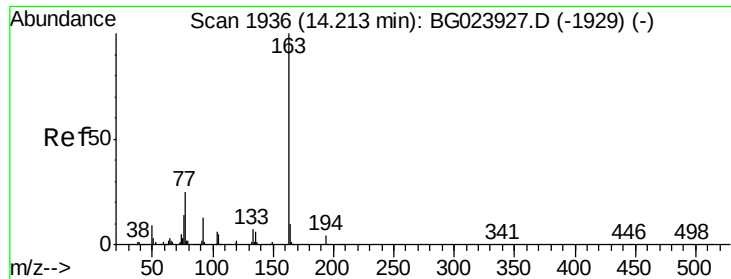
sohil
9/15/2016 12:50:32 PM



#48
Acenaphthylene
Concen: 39.73 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.6	26.4
153	13.8	11.4	17.2





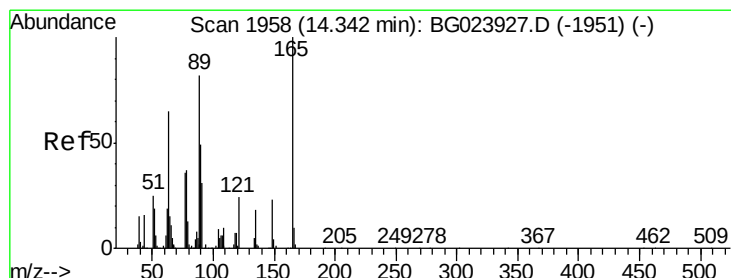
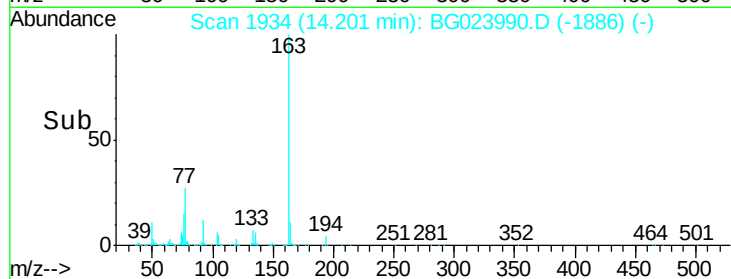
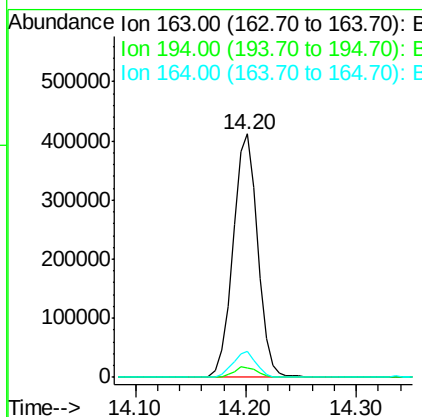
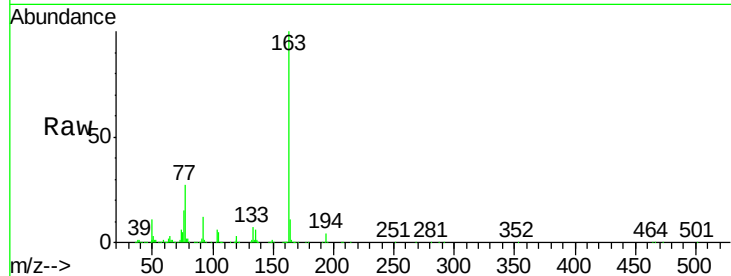
#49
Dimethylphthalate
Concen: 41.72 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4
164	10.9	8.1	12.1

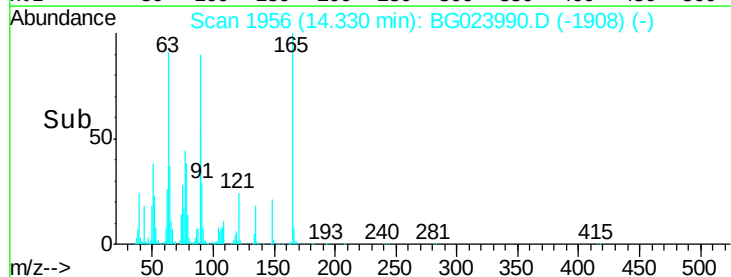
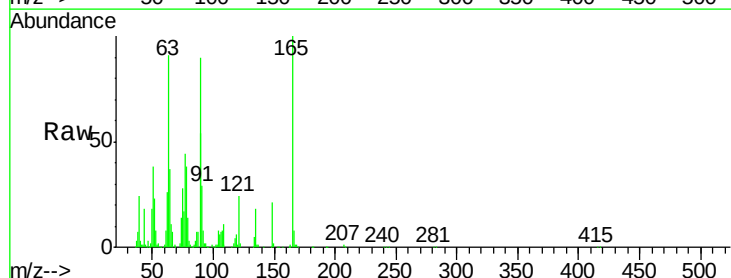
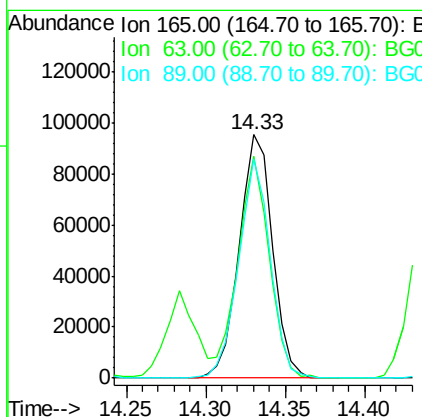
Manual Integrations
APPROVED

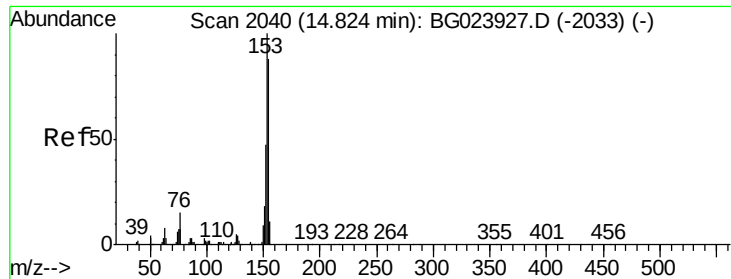
sohil
9/15/2016 12:50:32 PM



#50
2,6-Dinitrotoluene
Concen: 42.73 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	90.9	64.3	96.5
89	89.9	64.3	96.5





#51

Acenaphthene

Concen: 41.24 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

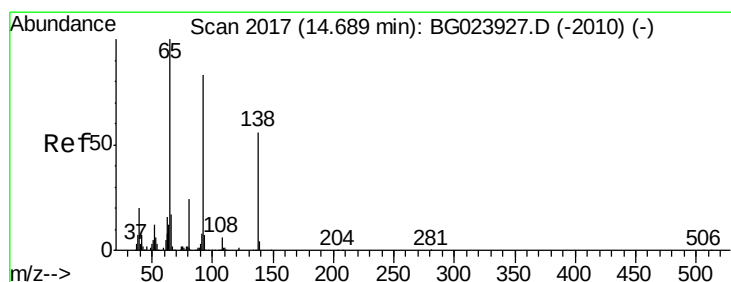
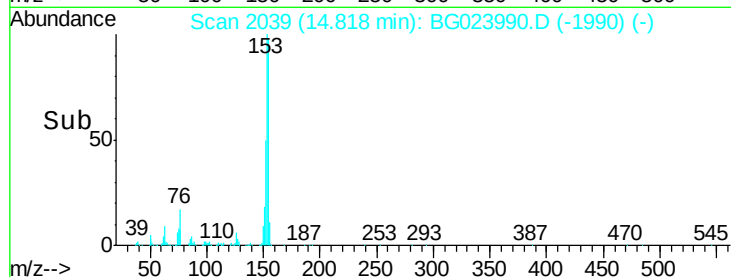
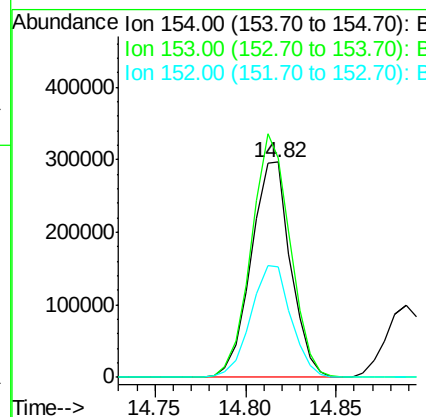
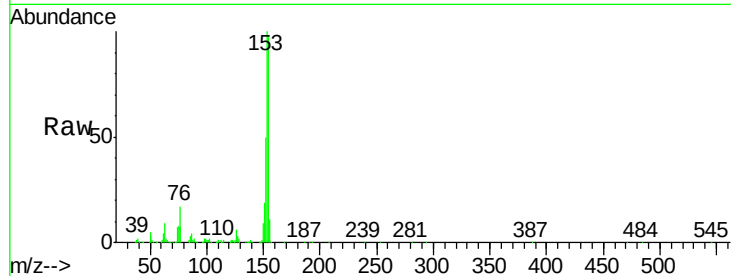
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	102.0	87.5	131.3
152	51.5	42.7	64.1

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#52

3-Nitroaniline

Concen: 5.43 ng

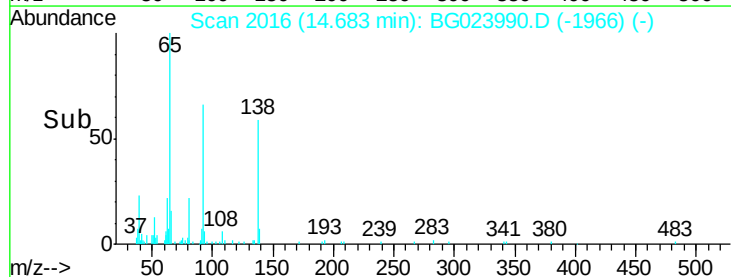
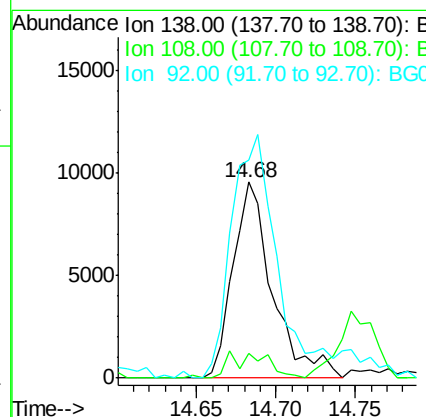
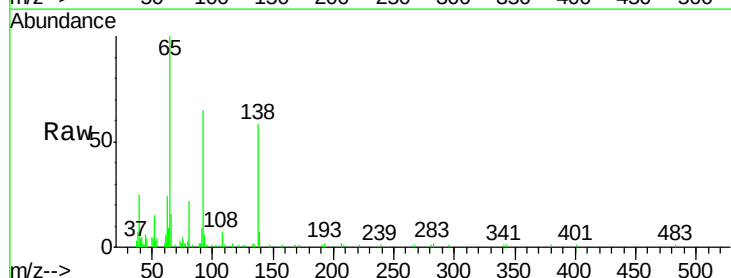
RT: 14.68 min Scan# 2016

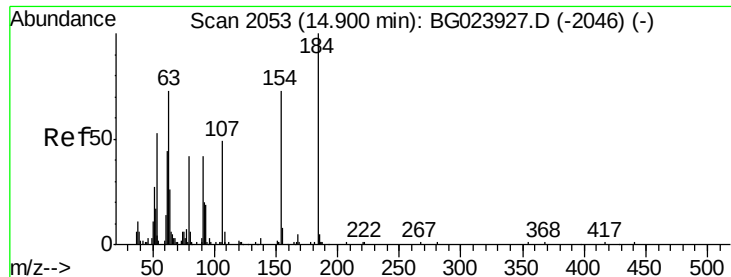
Delta R.T. -0.01 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.6	11.7	17.5
92	111.5	129.7	194.5#





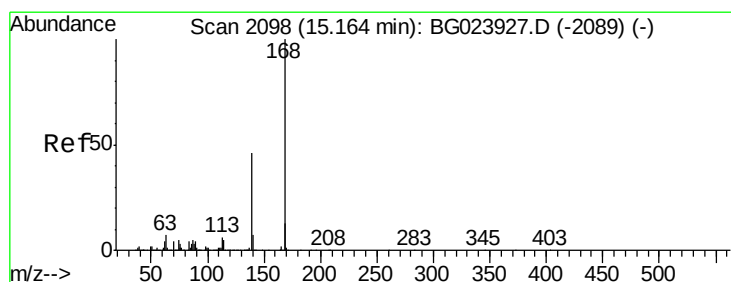
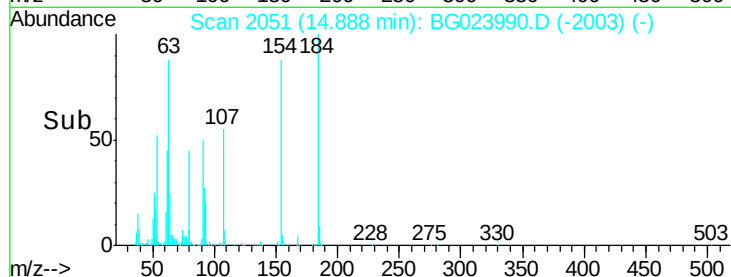
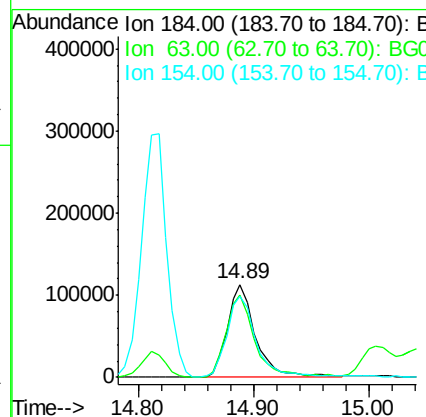
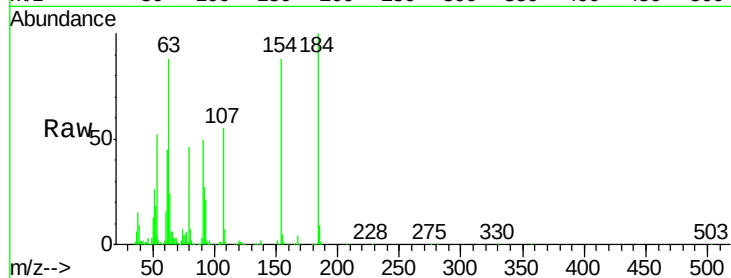
#53
2,4-Dinitrophenol
Concen: 80.66 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.1	59.6	89.4
154	87.9	67.4	101.0

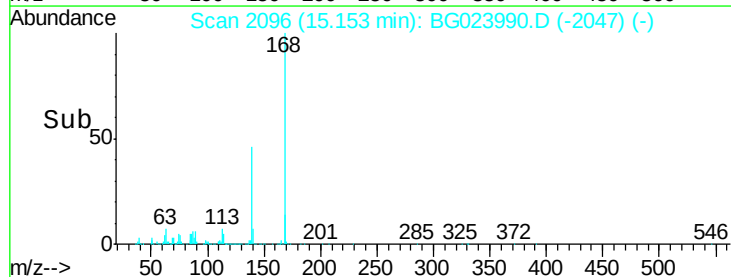
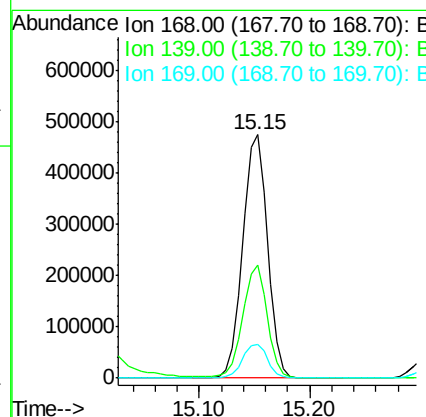
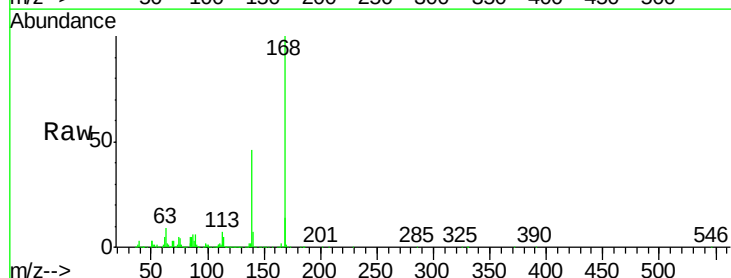
Manual Integrations
APPROVED

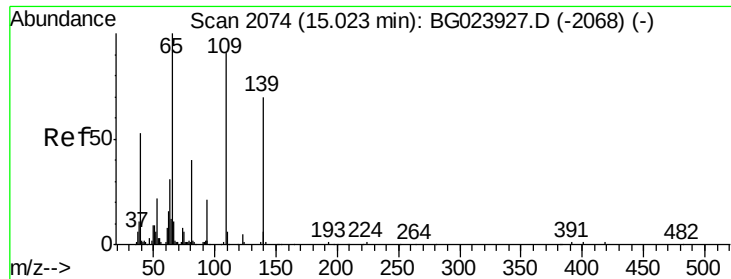
sohil
9/15/2016 12:50:32 PM



#54
Dibenzofuran
Concen: 44.01 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.3	36.4	54.6
169	13.7	11.9	17.9





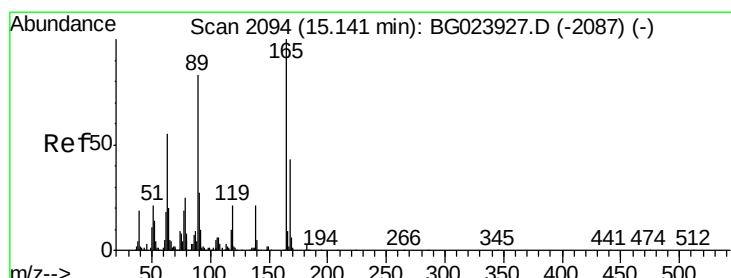
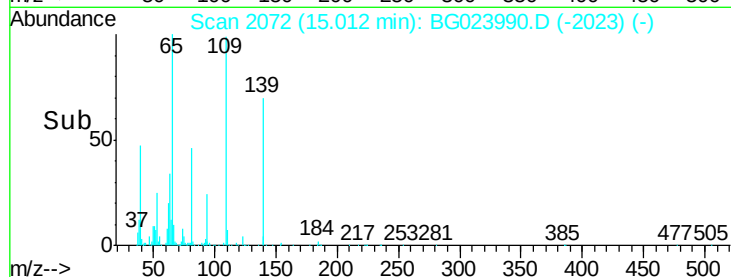
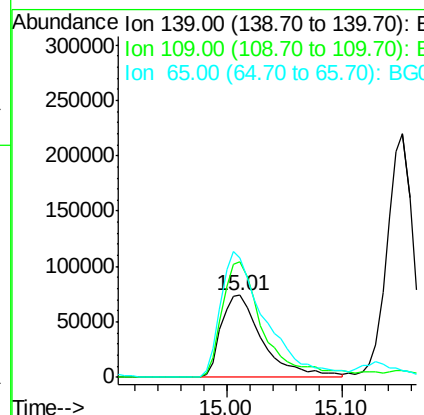
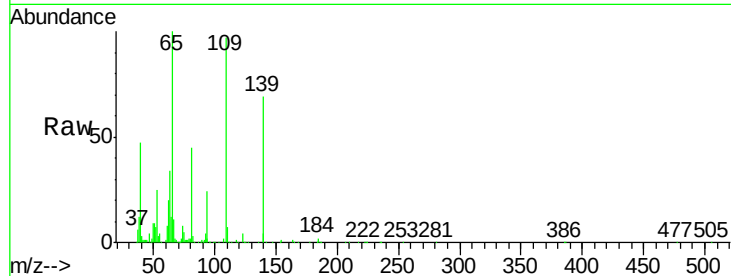
#55
4-Nitrophenol
Concen: 76.98 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	141.9	103.0	143.0	
65	145.8	112.7	152.7	

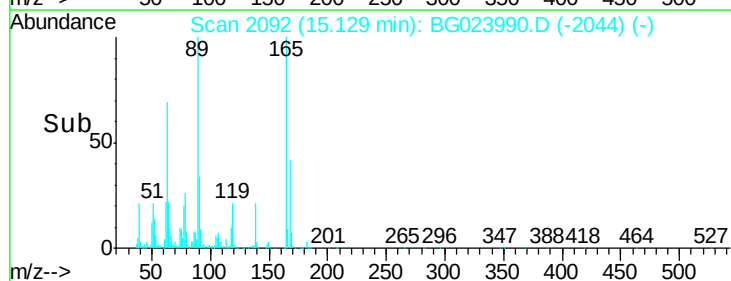
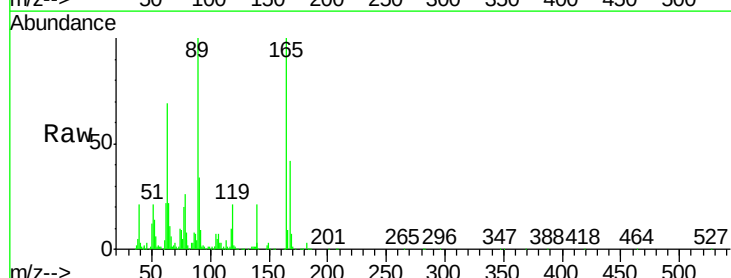
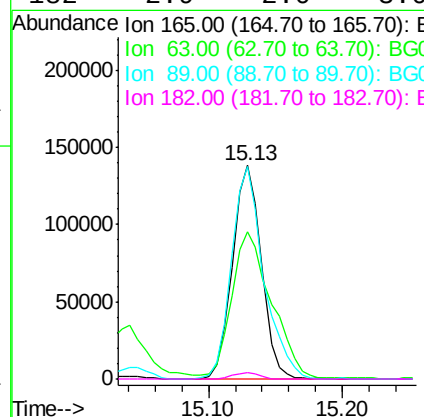
Manual Integrations
APPROVED

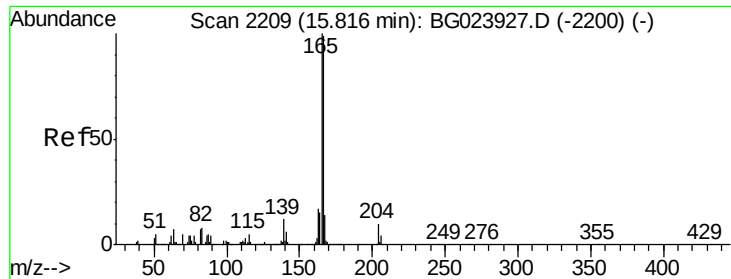
sohil
9/15/2016 12:50:32 PM



#56
2,4-Dinitrotoluene
Concen: 43.73 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.9	45.8	68.6	#
89	99.7	68.6	102.8	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 43.06 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

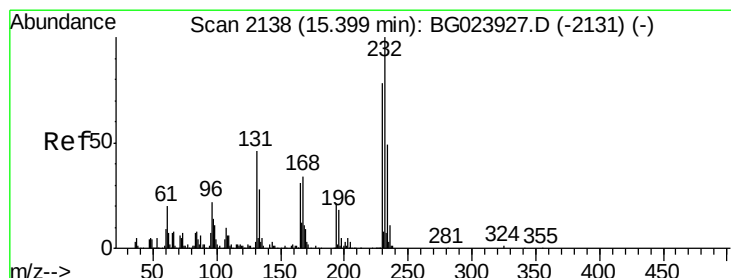
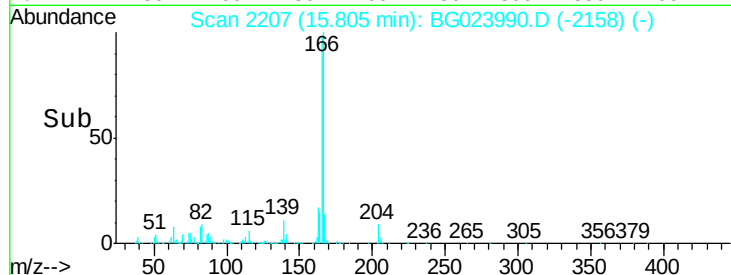
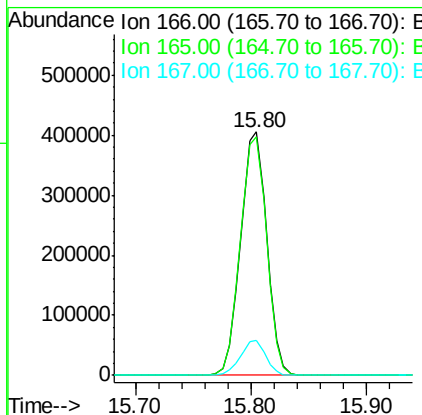
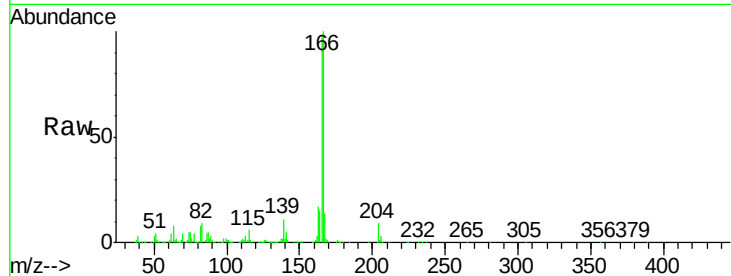
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	166	Resp:	636274
Ion Ratio	Lower	Upper	
166	100		
165	98.2	81.0	121.6
167	14.2	12.0	18.0

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.46 ng

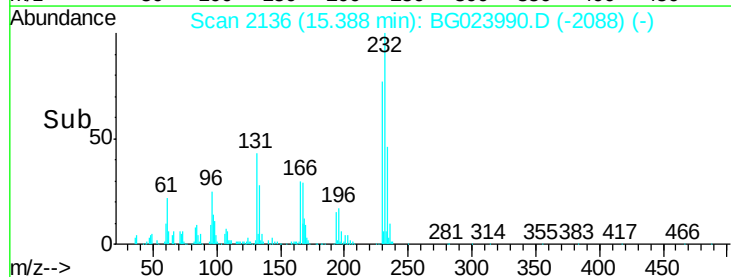
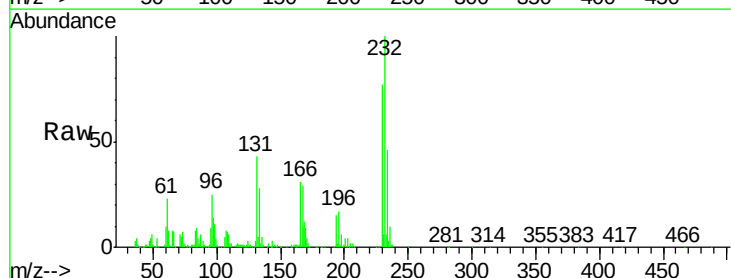
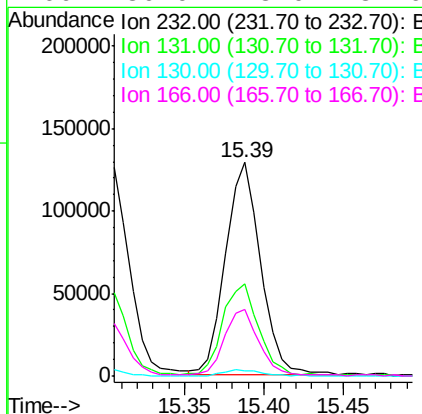
RT: 15.39 min Scan# 2136

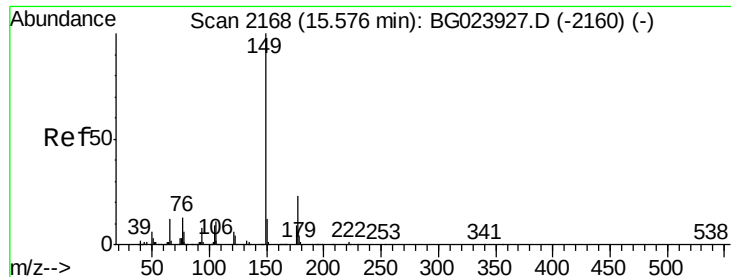
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	232	Resp:	197594
Ion Ratio	Lower	Upper	
232	100		
131	44.6	32.7	49.1
130	3.1	2.6	3.8
166	30.0	23.0	34.6





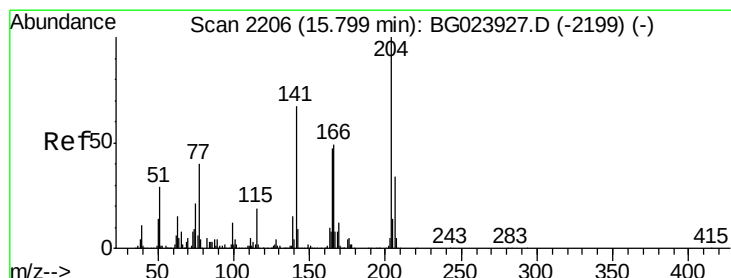
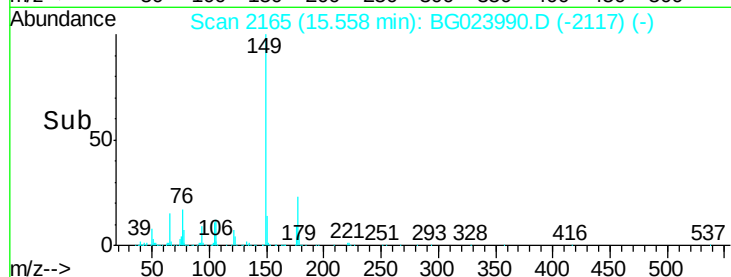
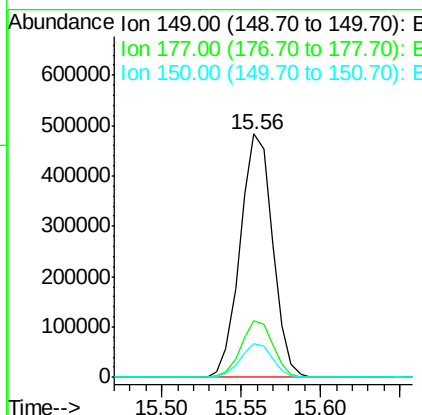
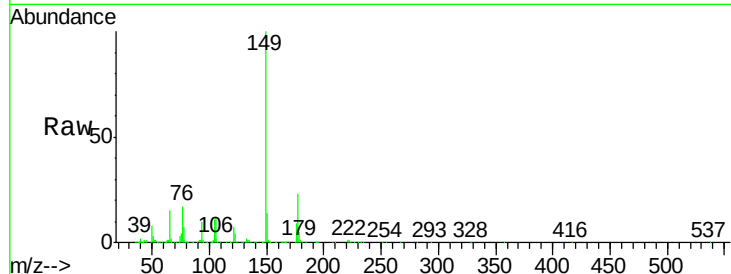
#59
Diethylphthalate
Concen: 41.83 ng
RT: 15.56 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.2	28.8
150	13.7	10.6	16.0

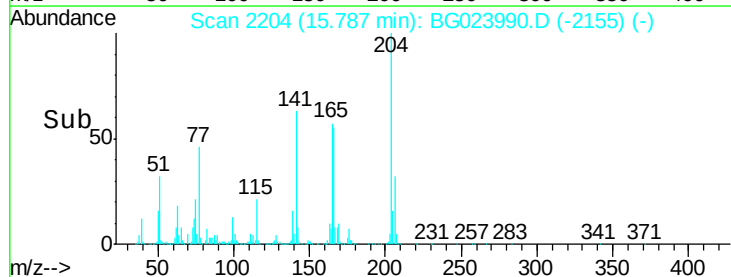
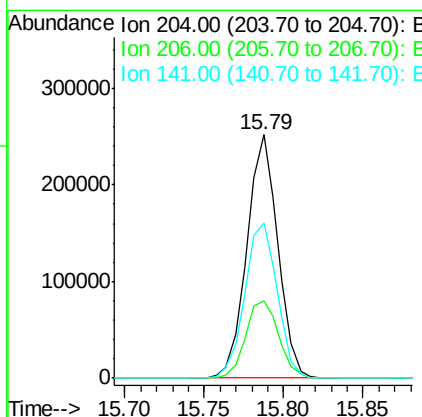
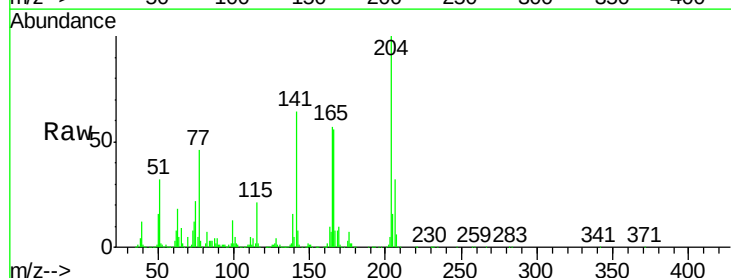
Manual Integrations
APPROVED

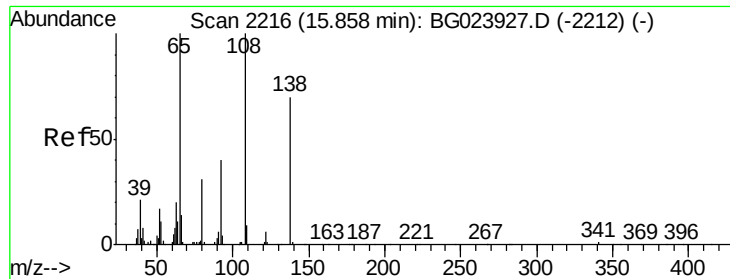
sohil
9/15/2016 12:50:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	28.5	42.7
141	63.5	51.4	77.0





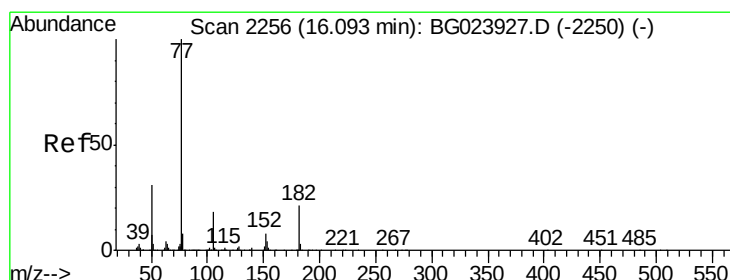
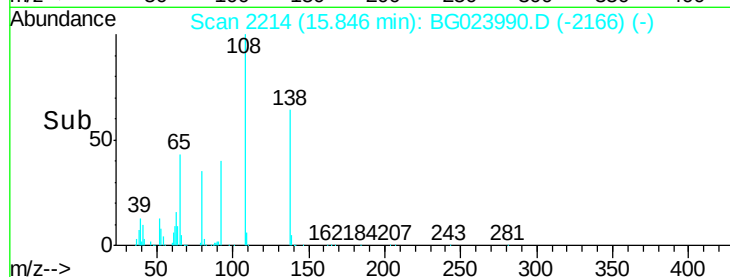
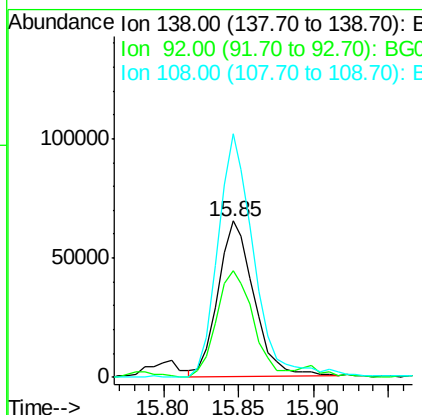
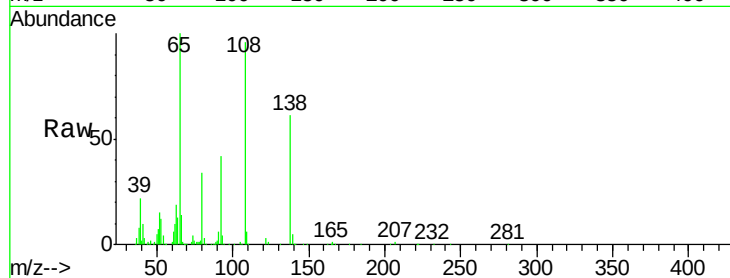
#61
4-Nitroaniline
Concen: 35.76 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	67.9	54.1	94.1
108	155.6	133.9	173.9

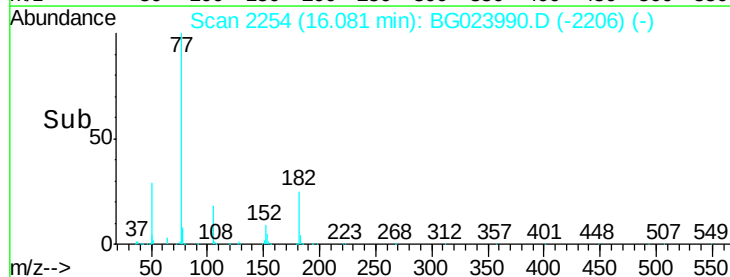
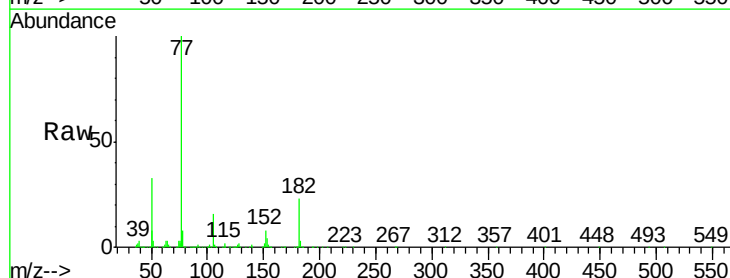
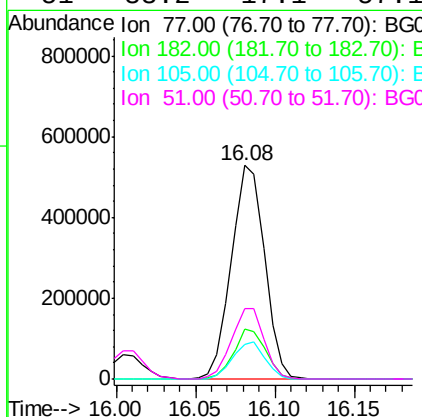
Manual Integrations
APPROVED

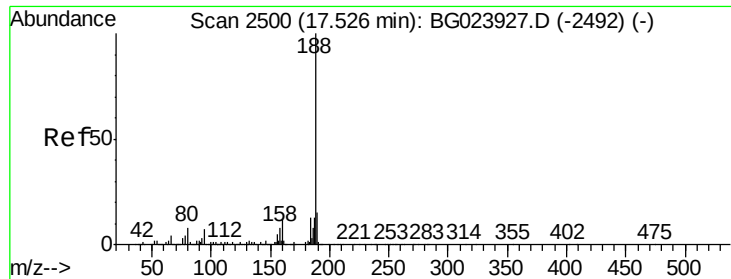
sohil
9/15/2016 12:50:32 PM



#62
Azobenzene
Concen: 48.29 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	3.5	43.5
105	16.3	0.0	38.5
51	33.2	17.1	57.1





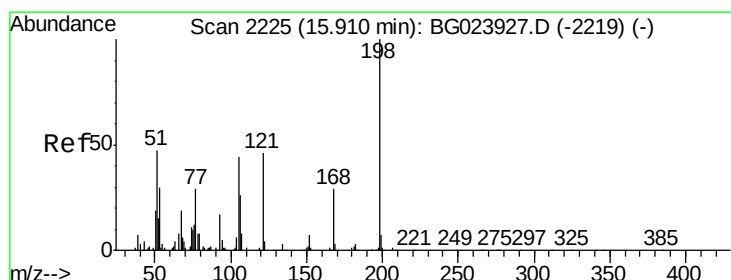
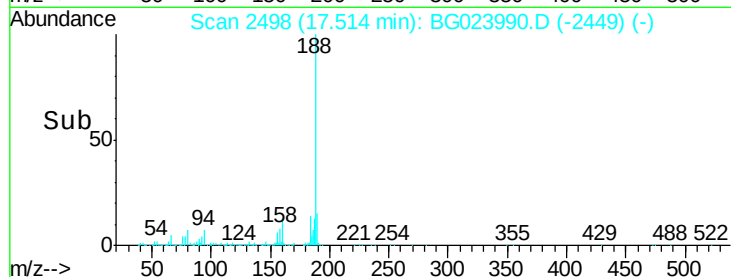
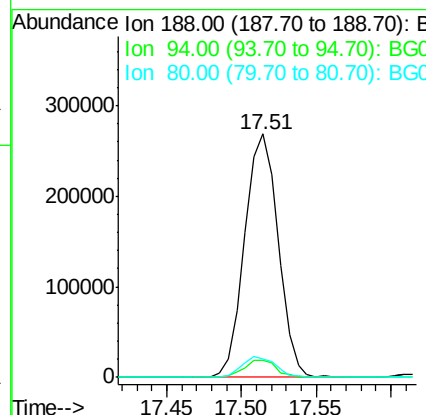
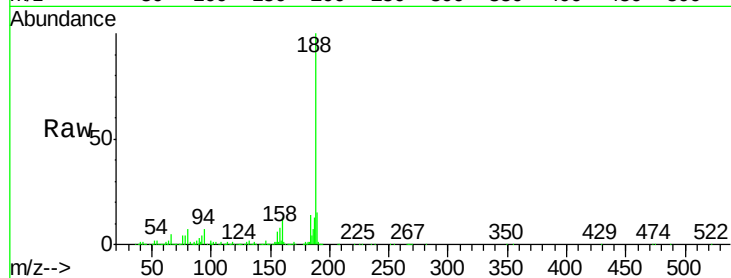
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.51 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	417729		
94	6.8		5.2	7.8
80	7.5		7.2	10.8

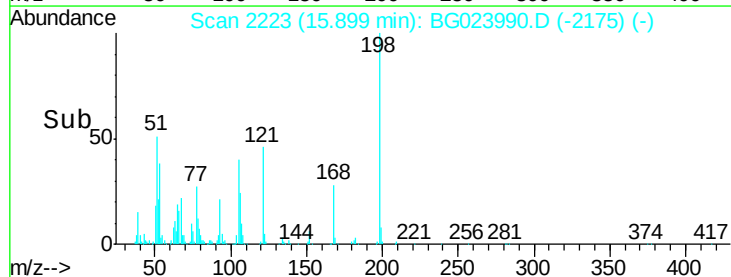
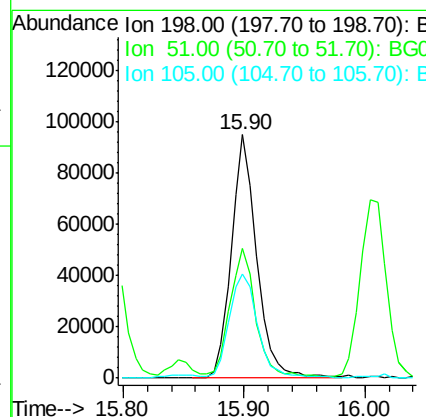
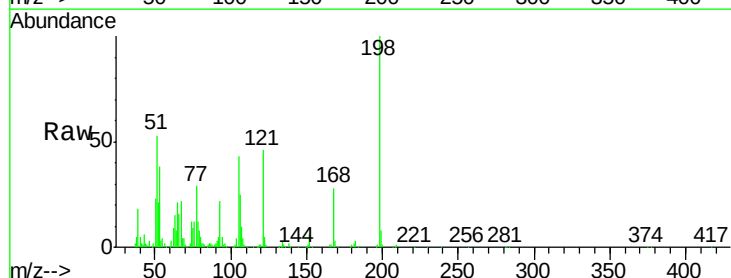
Manual Integrations
 APPROVED

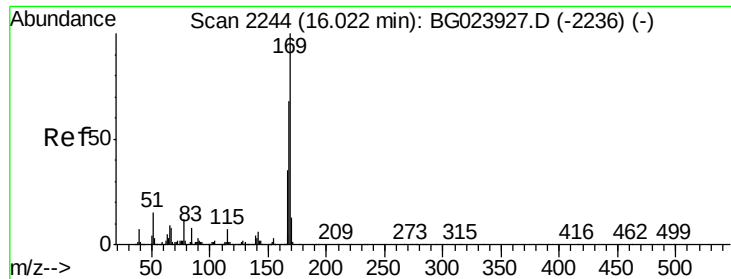
sohil
 9/15/2016 12:50:32 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.73 ng
 RT: 15.90 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	138429		
51	53.4		26.0	66.0
105	42.6		20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 49.86 ng

RT: 16.01 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

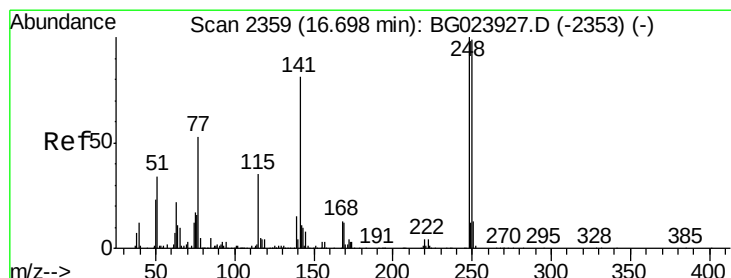
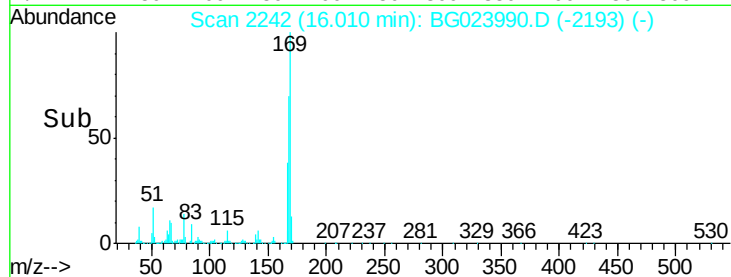
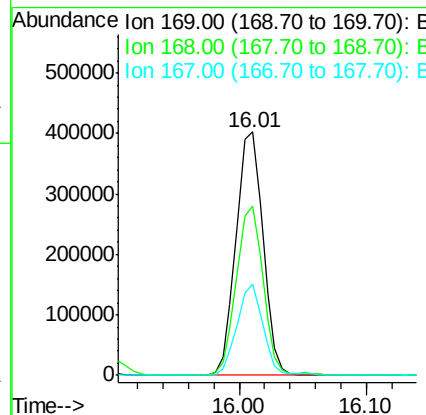
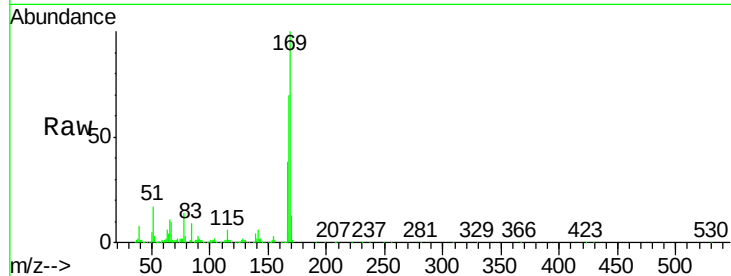
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	169	Resp:	591532
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.0	82.4
167	37.7	27.4	41.0

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#66

4-Bromophenyl-phenylether

Concen: 49.51 ng

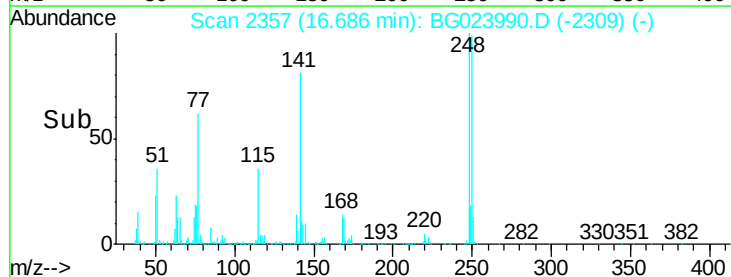
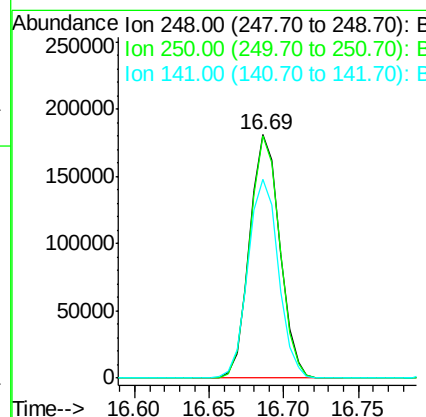
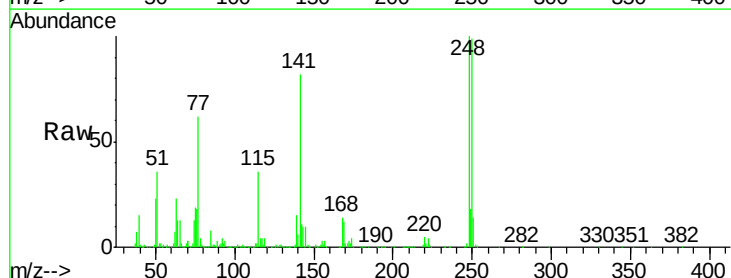
RT: 16.69 min Scan# 2357

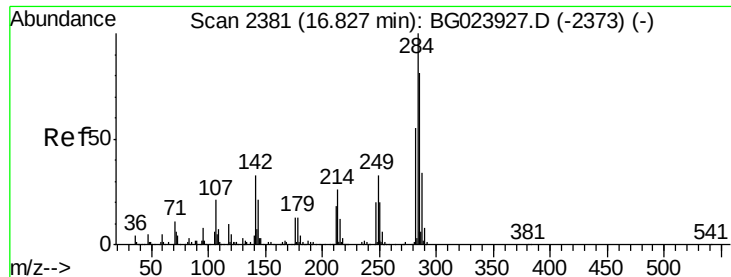
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	248	Resp:	251627
Ion Ratio	Lower	Upper	
248	100		
250	99.3	77.8	116.8
141	81.5	65.7	98.5





#67

Hexachlorobenzene

Concen: 43.58 ng

RT: 16.82 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

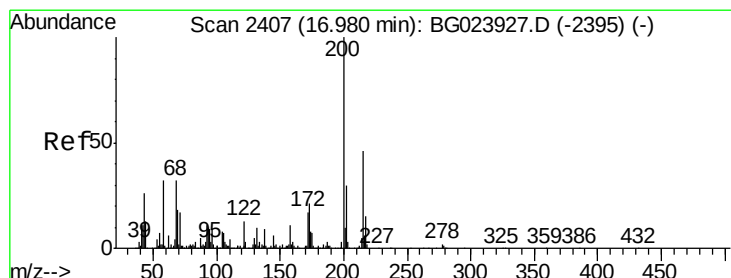
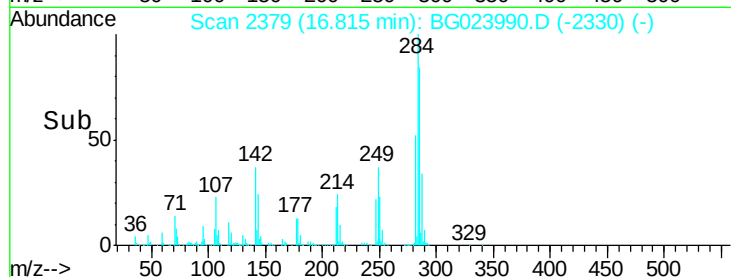
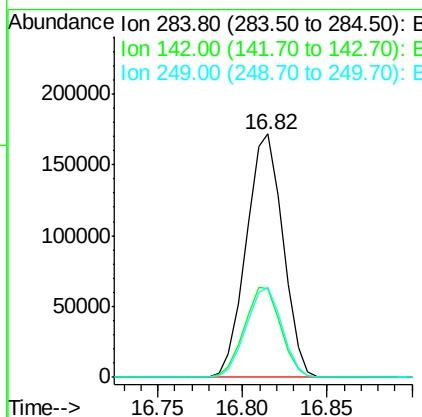
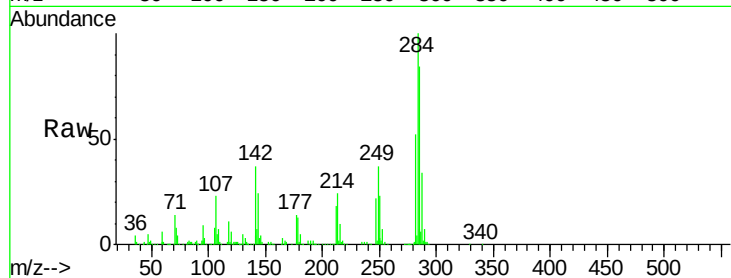
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	284	Resp:	259783
Ion Ratio	Lower	Upper	
284	100		
142	36.5	26.8	40.2
249	37.0	28.9	43.3

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#68

Atrazine

Concen: 43.91 ng

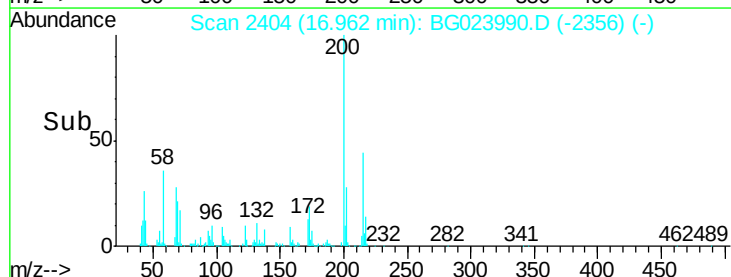
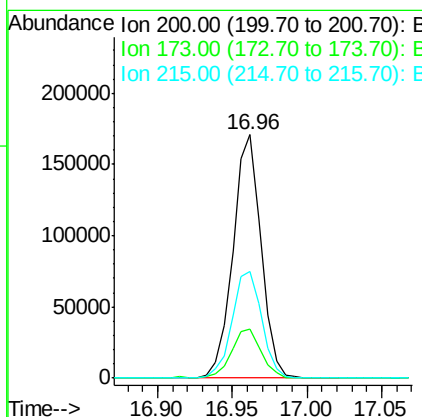
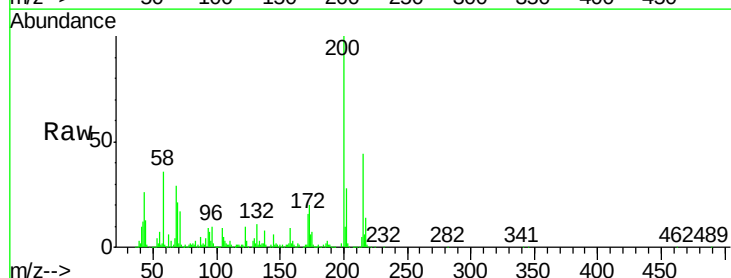
RT: 16.96 min Scan# 2404

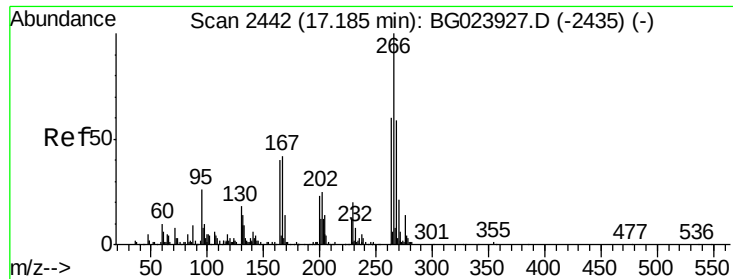
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	200	Resp:	224166
Ion Ratio	Lower	Upper	
200	100		
173	20.3	1.6	41.6
215	43.8	28.7	68.7





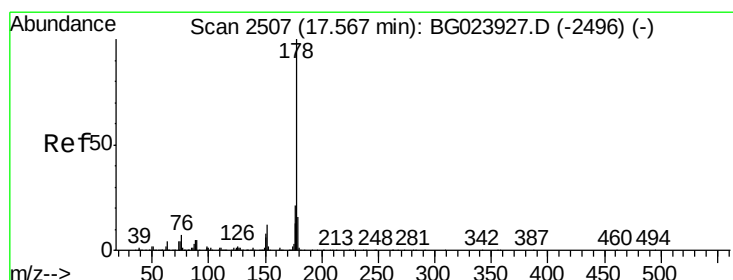
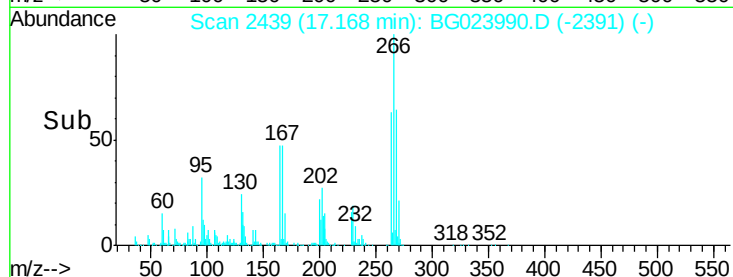
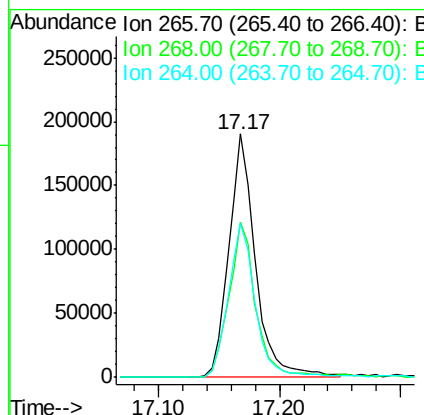
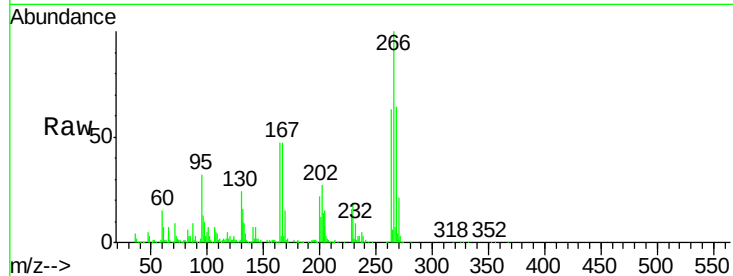
#69
 Pentachlorophenol
 Concen: 91.81 ng
 RT: 17.17 min Scan# 2439
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	290637		
268	63.6	51.9	77.9	
264	63.2	50.6	75.8	

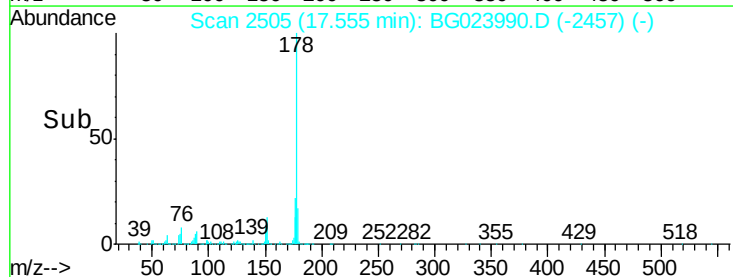
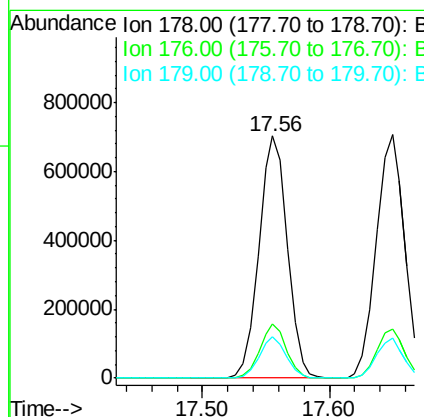
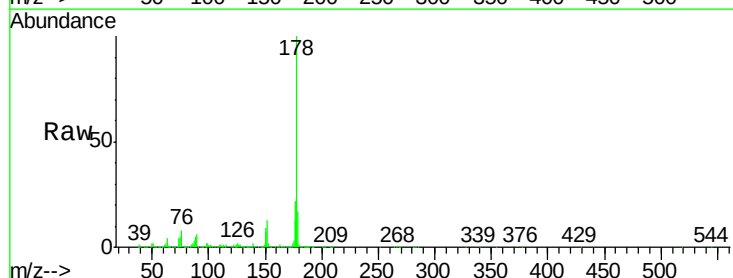
Manual Integrations
 APPROVED

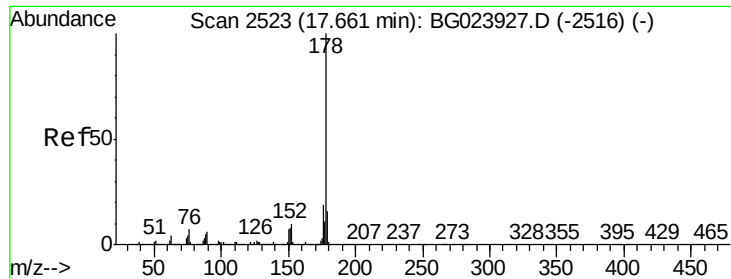
sohil
 9/15/2016 12:50:32 PM



#70
 Phenanthrene
 Concen: 50.22 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1091434		
176	22.2	16.8	25.2	
179	17.1	14.3	21.5	





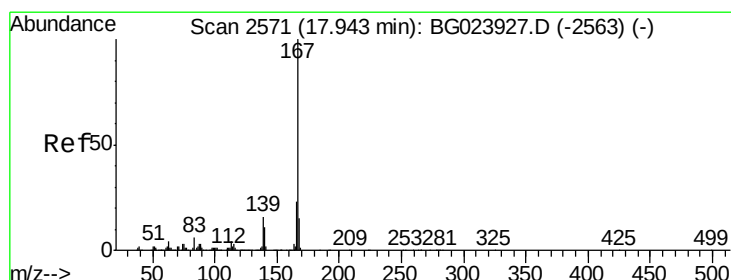
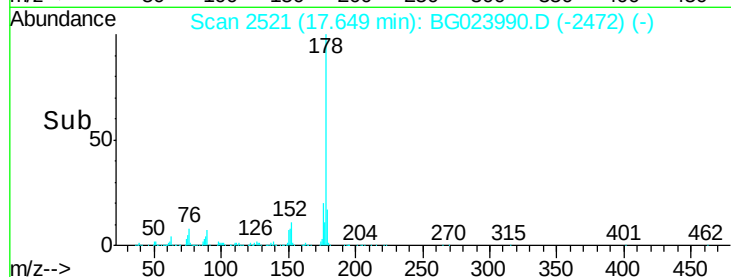
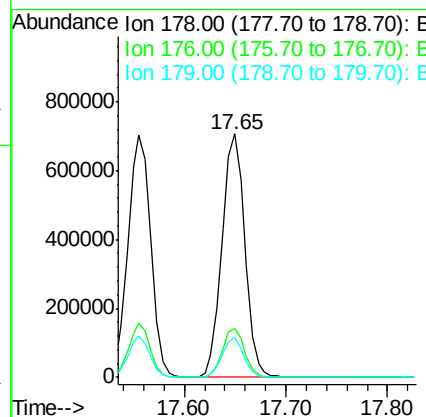
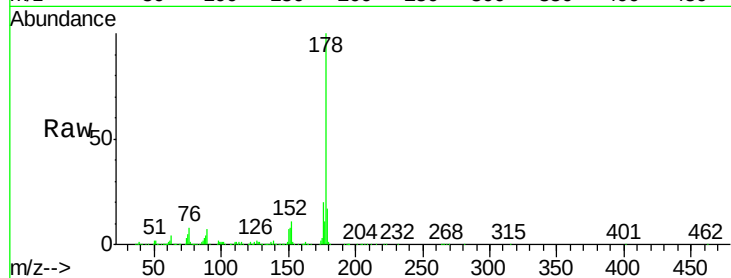
#71
 Anthracene
 Concen: 49.90 ng
 RT: 17.65 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	17.3	25.9
179	16.7	14.0	21.0

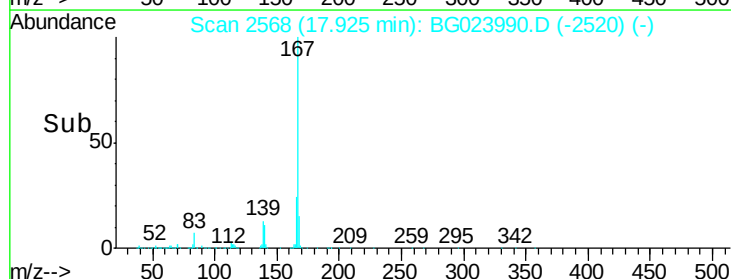
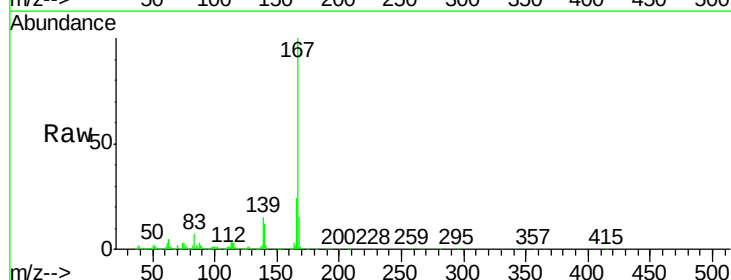
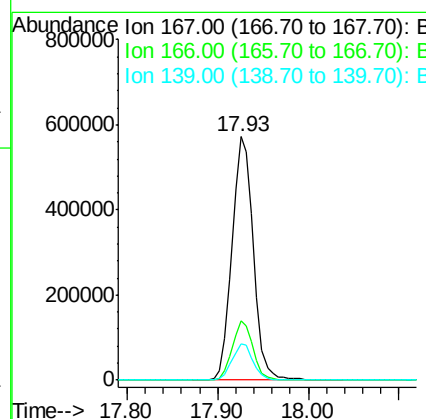
Manual Integrations
 APPROVED

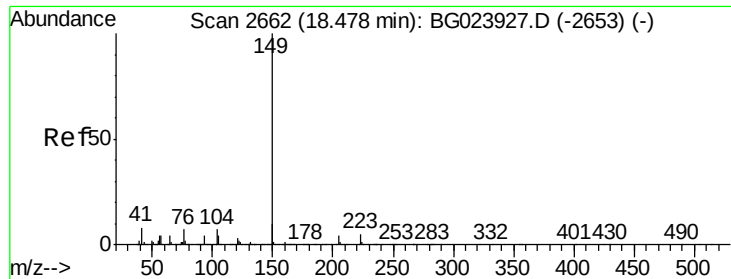
sohil
 9/15/2016 12:50:32 PM



#72
 Carbazole
 Concen: 46.48 ng
 RT: 17.93 min Scan# 2568
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	20.7	31.1
139	14.8	11.9	17.9





#73

Di-n-butylphthalate

Concen: 46.88 ng

RT: 18.46 min Scan# 2659

Delta R.T. -0.01 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

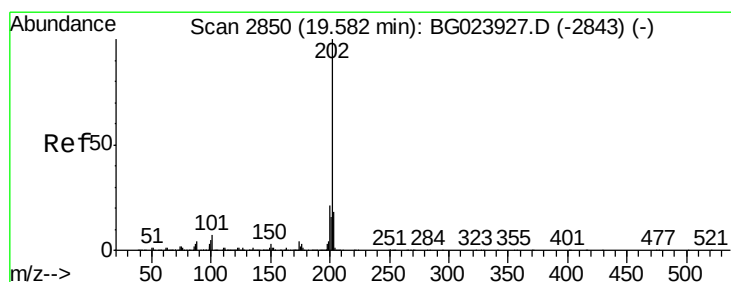
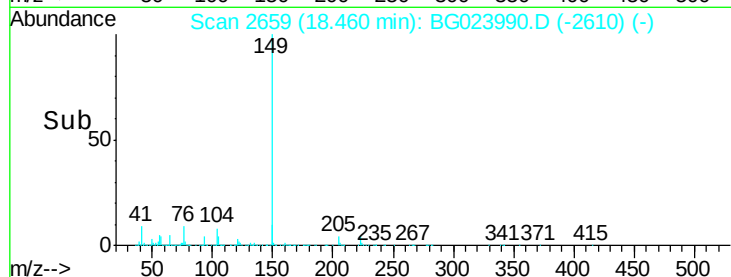
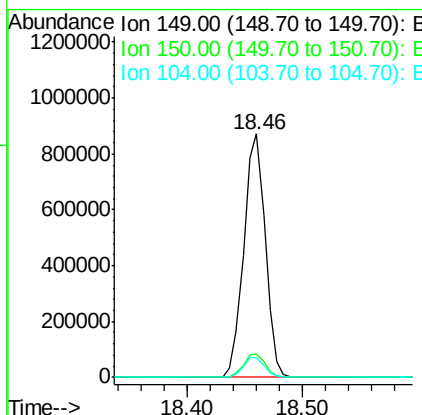
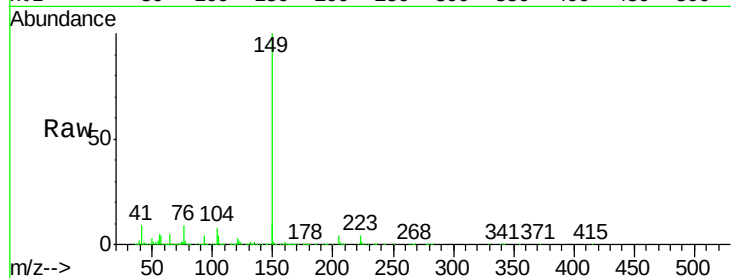
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	149	Resp:	1125085
Ion	Ratio	Lower	Upper
149	100		
150	9.8	9.1	13.7
104	8.2	6.9	10.3

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#74

Fluoranthene

Concen: 48.75 ng

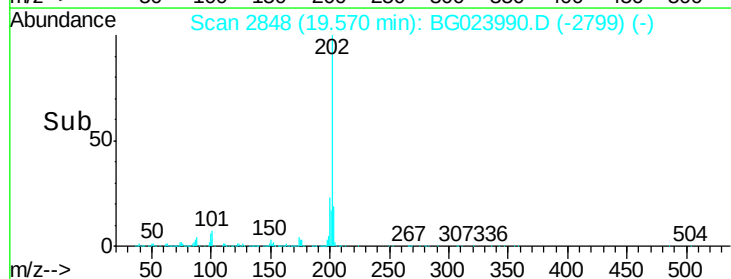
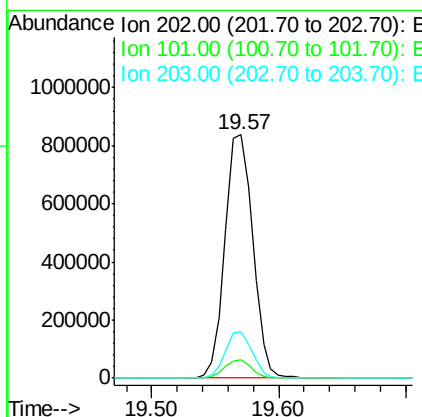
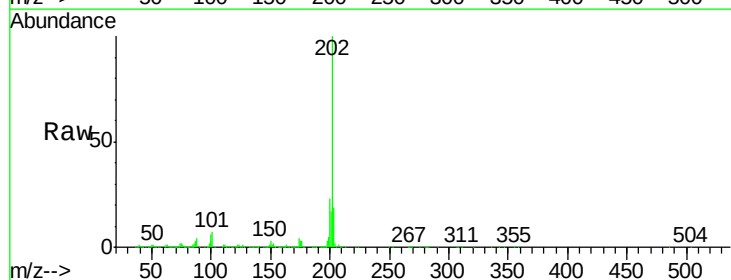
RT: 19.57 min Scan# 2848

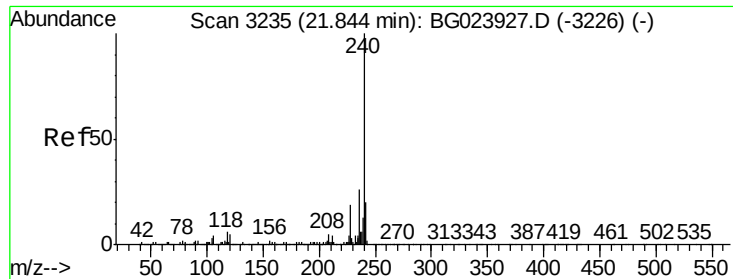
Delta R.T. -0.01 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	202	Resp:	1275483
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.4
203	19.0	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

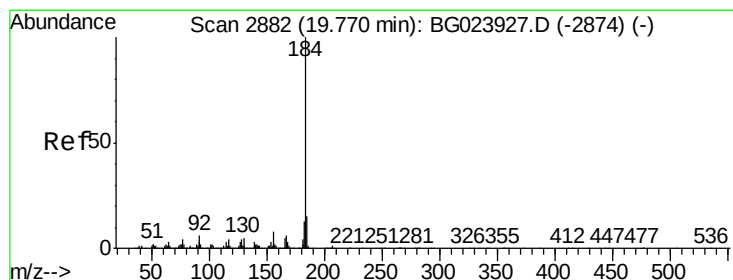
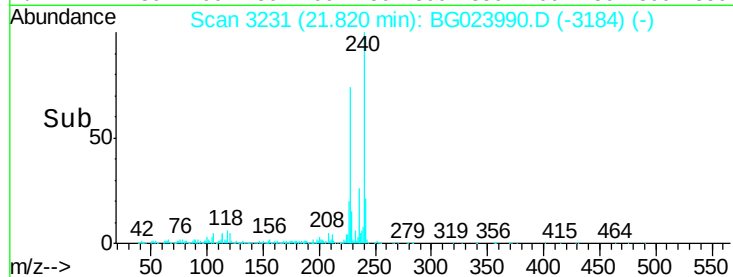
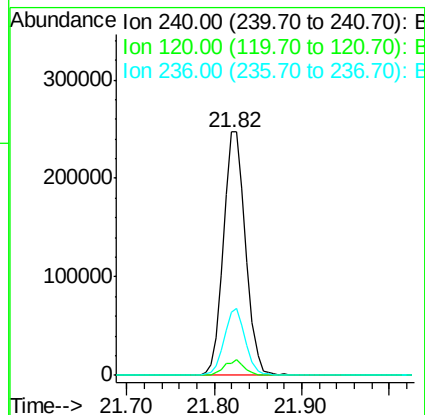
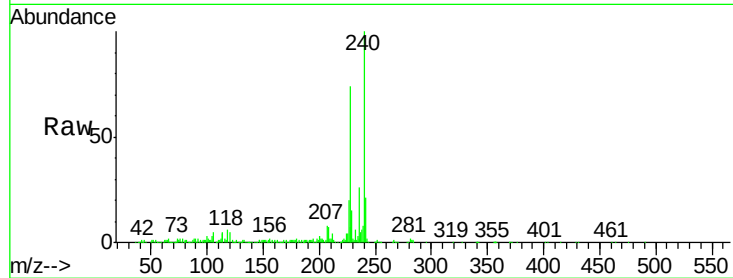
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	240	Resp:	431960
Ion Ratio	Lower	Upper	
240	100		
120	5.1	4.1	6.1
236	25.7	21.1	31.7

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#76

Benzidine

Concen: 2.40 ng m

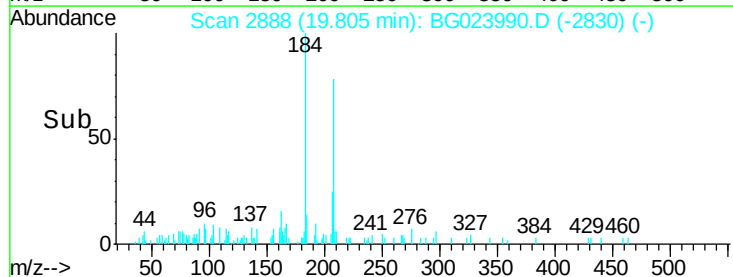
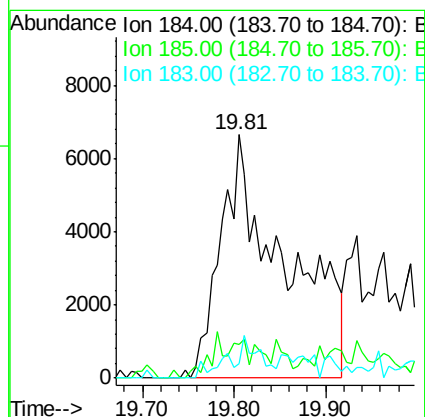
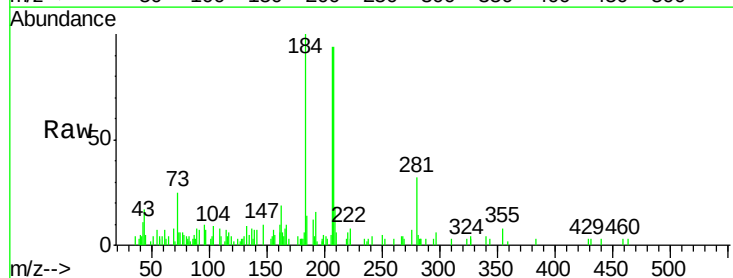
RT: 19.81 min Scan# 2888

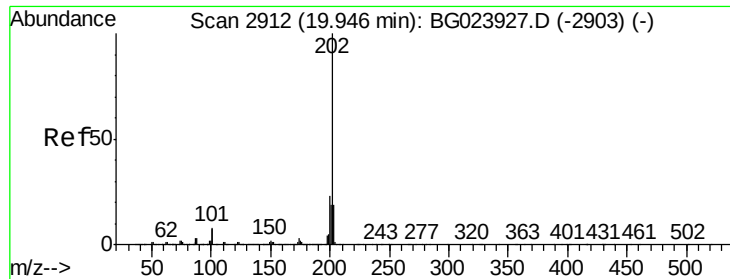
Delta R.T. 0.04 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	184	Resp:	32107
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.6	19.0
183	6.0	10.7	16.1#





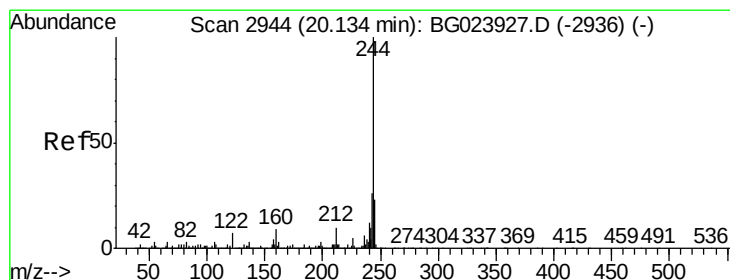
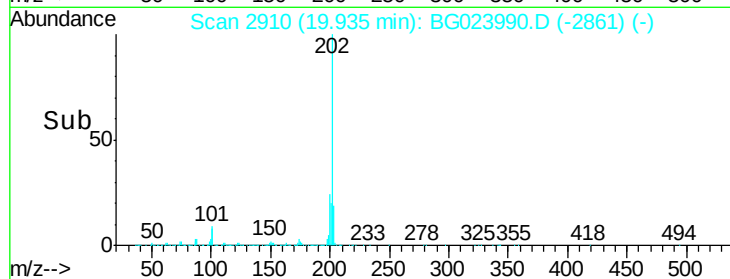
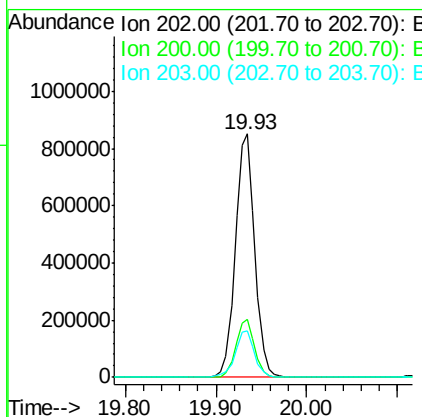
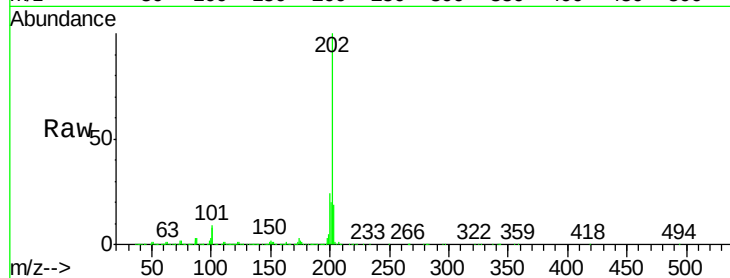
#77
Pvrene
Concen: 47.66 ng
RT: 19.93 min Scan# 2910
Delta R.T. -0.01 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.7	21.2	31.8
203	19.3	16.8	25.2

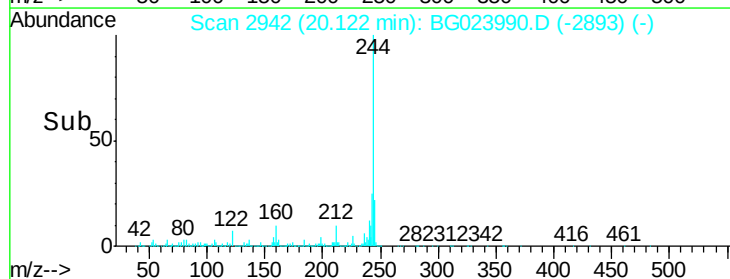
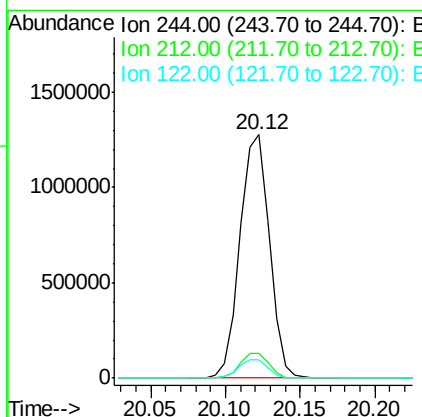
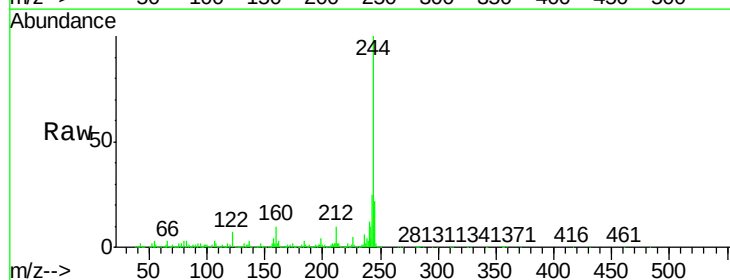
Manual Integrations
APPROVED

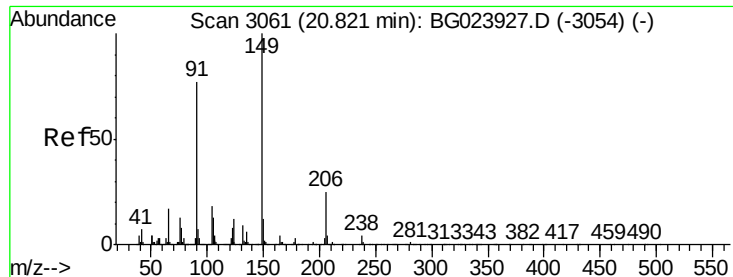
sohil
9/15/2016 12:50:32 PM



#78
Terphenyl-d14
Concen: 92.01 ng
RT: 20.12 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	7.3	8.0	12.0#





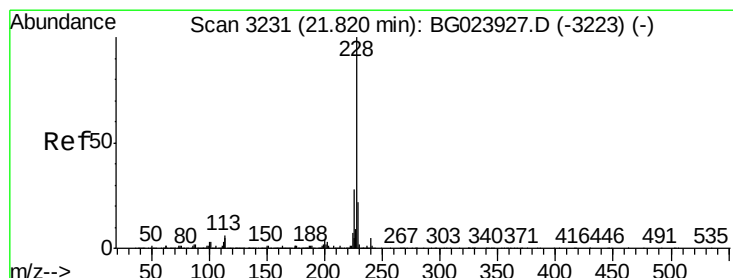
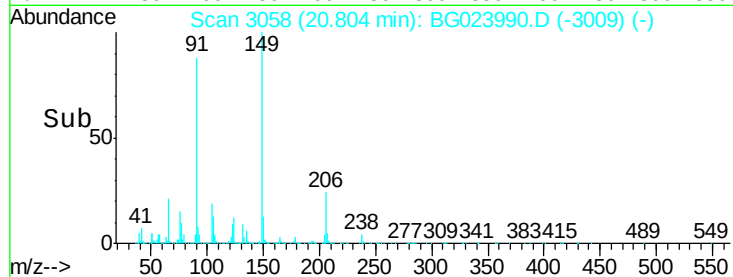
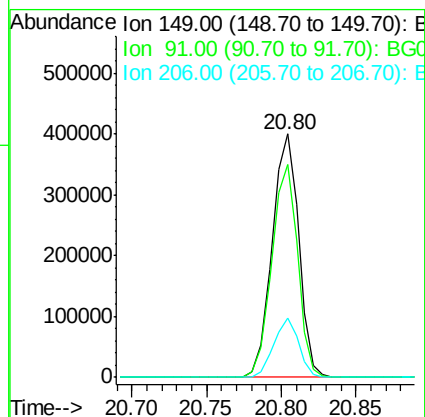
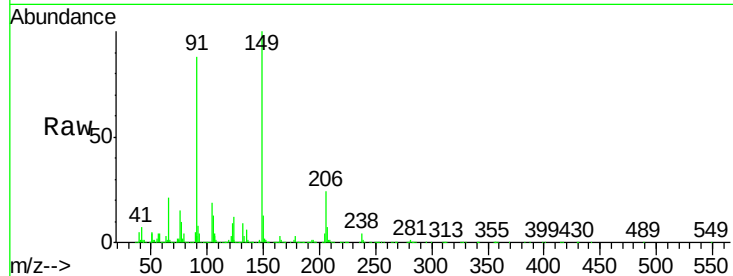
#79
Butylbenzylphthalate
Concen: 48.17 ng
RT: 20.80 min Scan# 3058
Delta R.T. -0.01 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.7	68.1	102.1
206	24.4	19.8	29.6

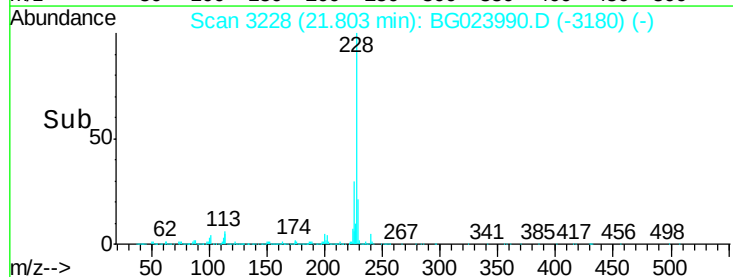
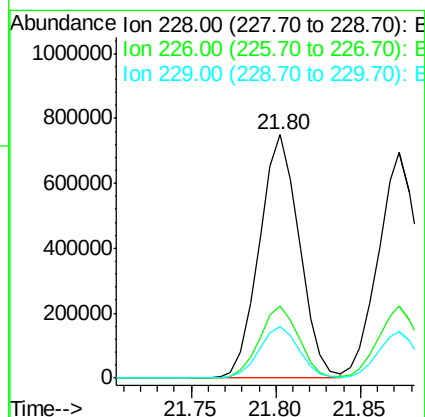
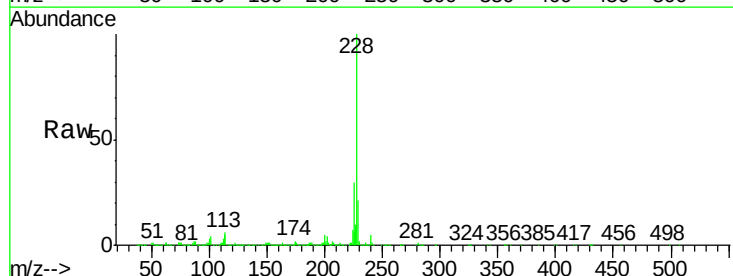
Manual Integrations
APPROVED

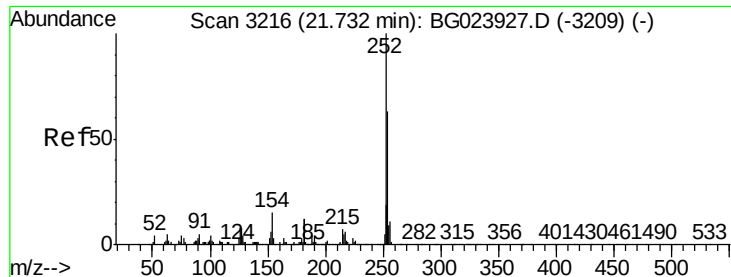
sohil
9/15/2016 12:50:32 PM



#80
Benzo(a)anthracene
Concen: 50.73 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	21.2	19.9	29.9





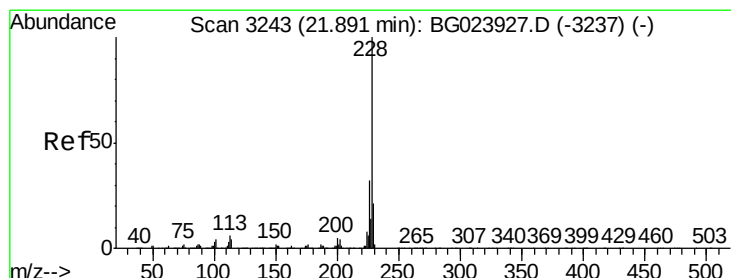
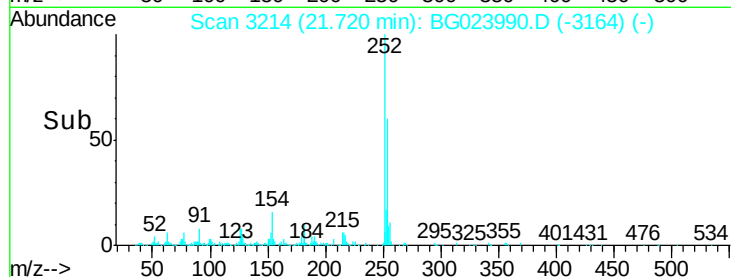
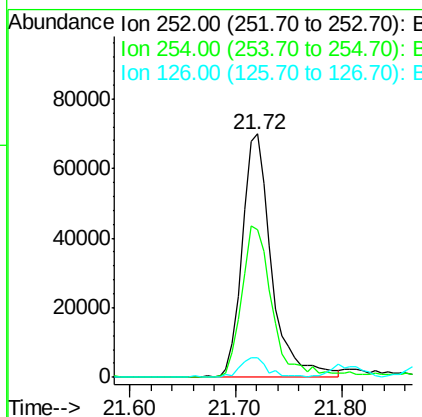
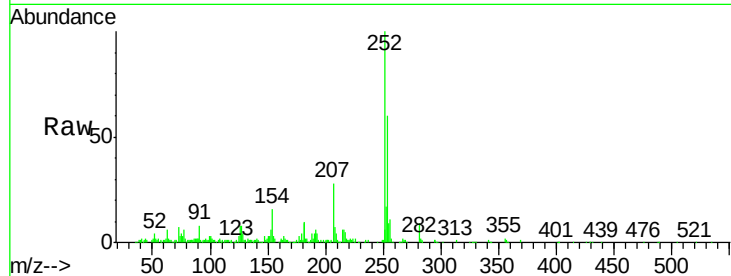
#81
 3,3'-Dichlorobenzidine
 Concen: 13.93 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.4	51.2	76.8
126	8.0	5.3	7.9

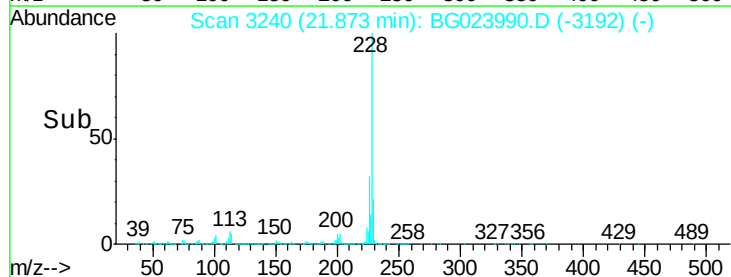
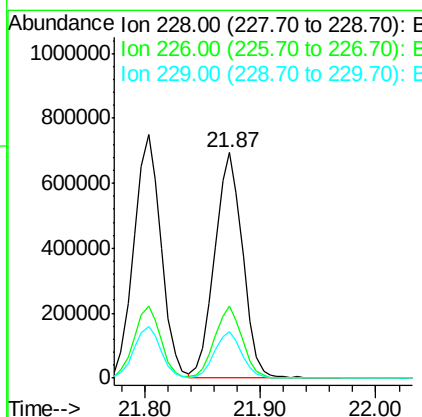
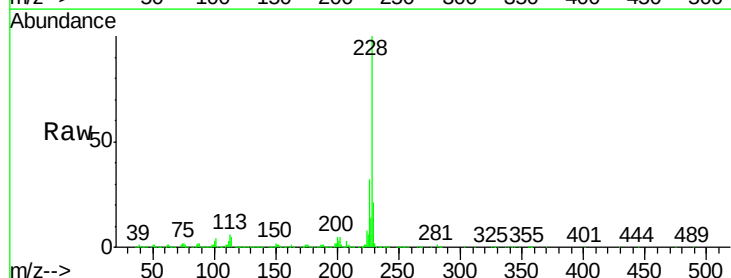
Manual Integrations
 APPROVED

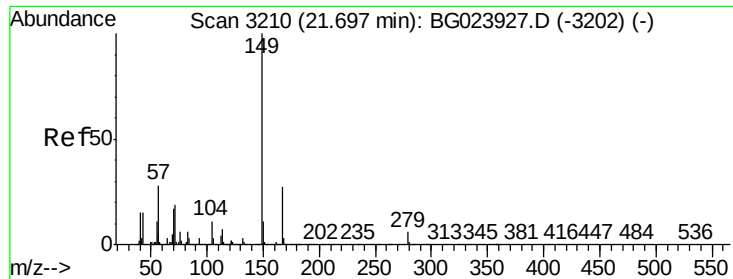
sohil
 9/15/2016 12:50:32 PM



#82
 Chrysene
 Concen: 50.30 ng
 RT: 21.87 min Scan# 3240
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.7	40.1
229	20.8	17.4	26.2





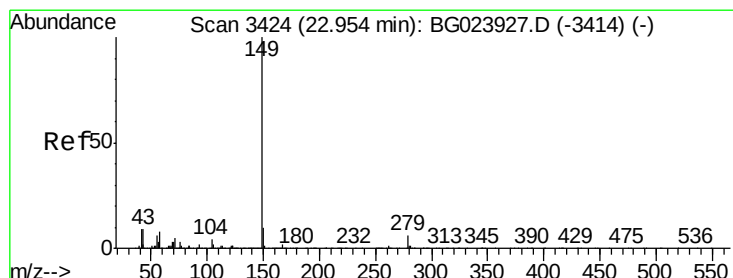
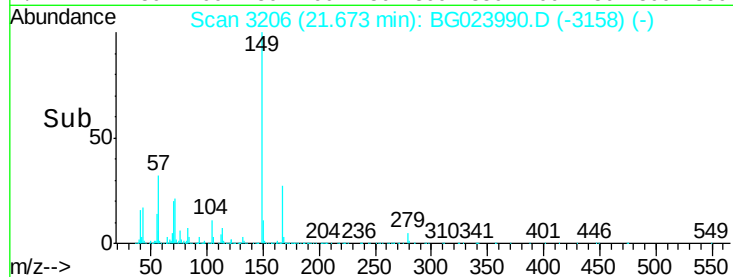
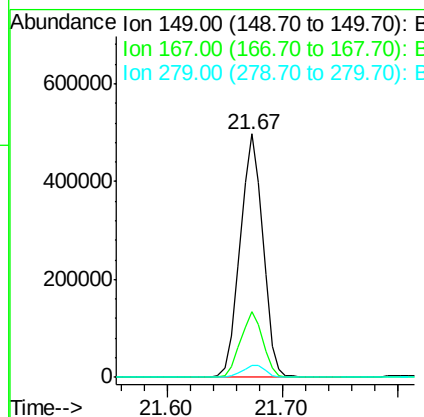
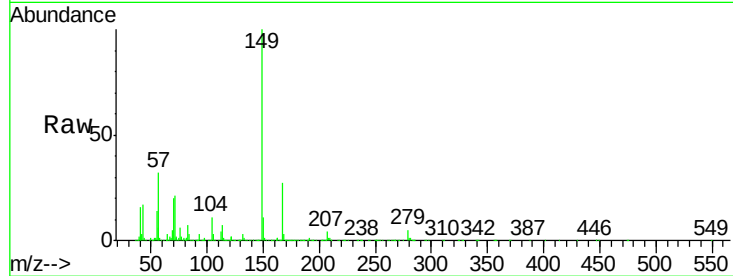
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.40 ng
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	24.0	36.0
279	4.9	4.8	7.2

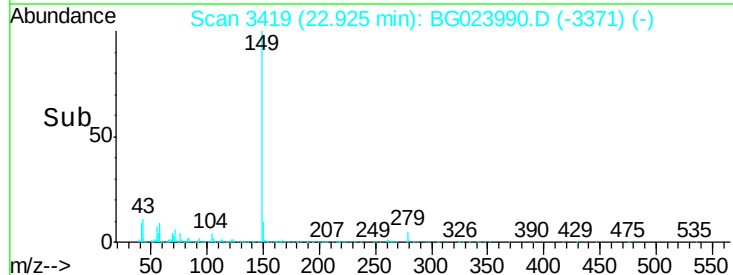
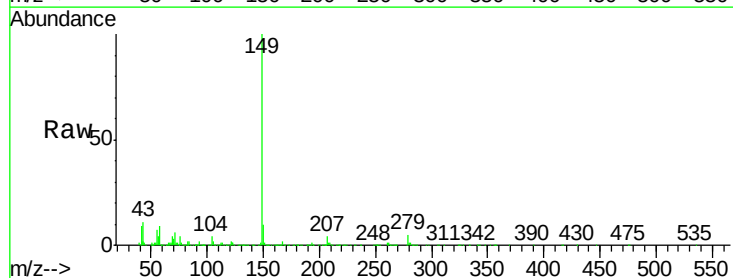
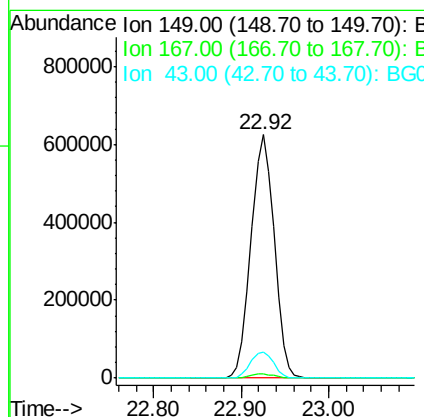
Manual Integrations
 APPROVED

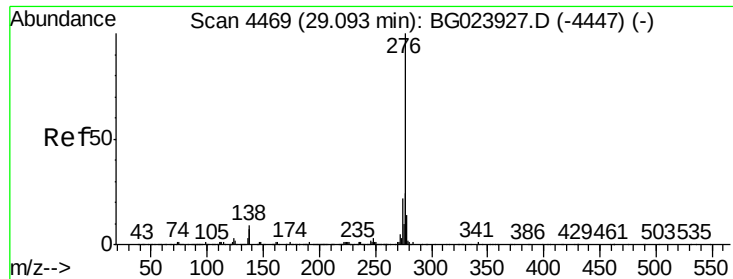
sohil
 9/15/2016 12:50:32 PM



#84
 Di-n-octyl phthalate
 Concen: 48.67 ng
 RT: 22.92 min Scan# 3419
 Delta R.T. -0.02 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	10.9	8.8	13.2





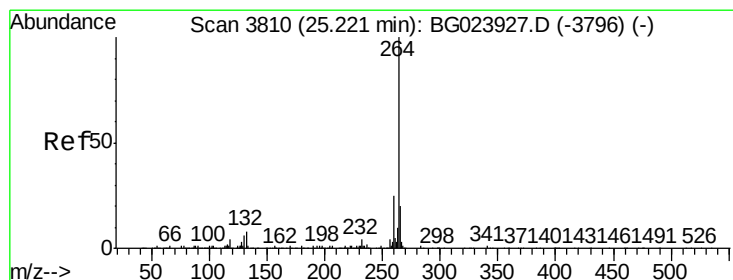
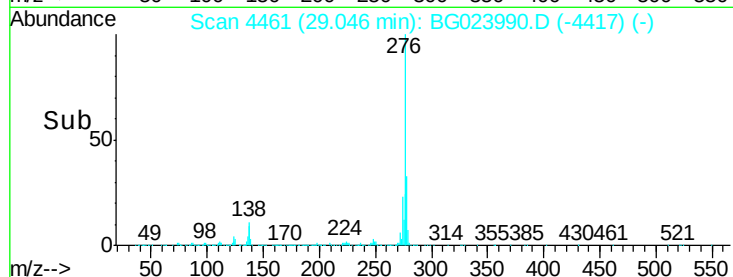
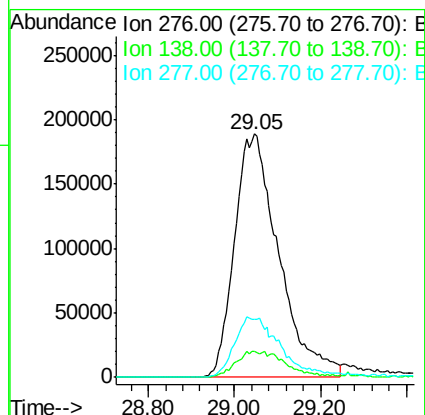
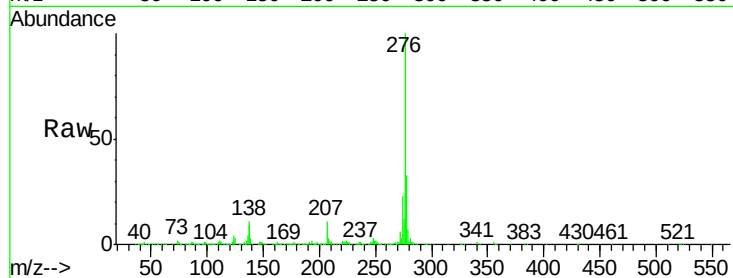
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.23 ng
RT: 29.05 min Scan# 4461
Delta R.T. -0.04 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.6	0.0	0.0#
277	9.9	0.0	0.0#

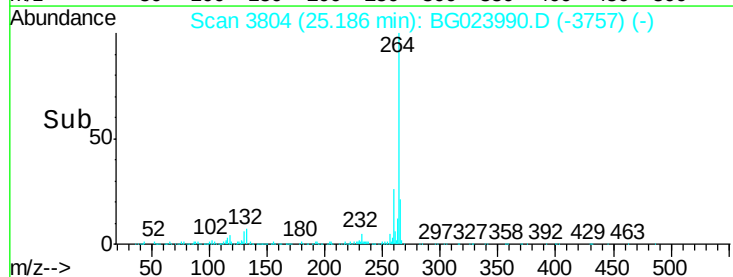
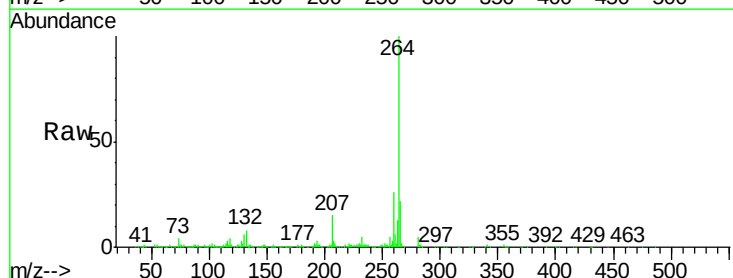
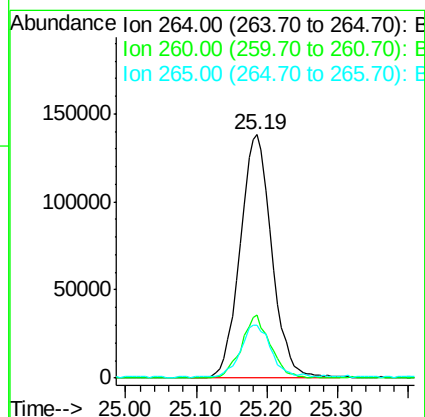
Manual Integrations
APPROVED

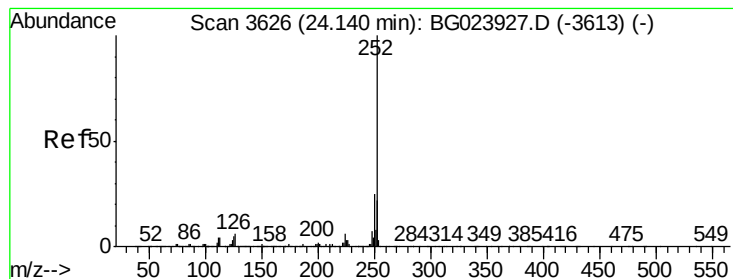
sohil
9/15/2016 12:50:32 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3804
Delta R.T. -0.02 min
Lab File: BG023990.D
Acq: 14 Sep 2016 20:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.4	27.6
265	21.9	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 51.81 ng/mL

RT: 24.11 min Scan# 3621

Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

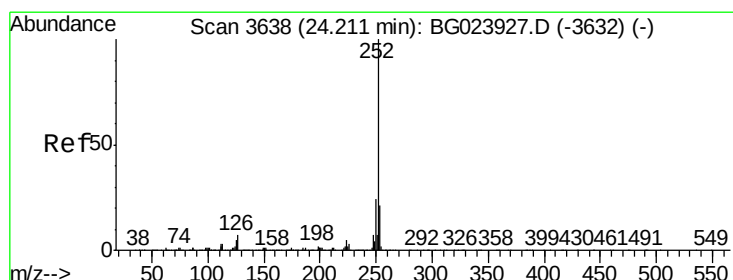
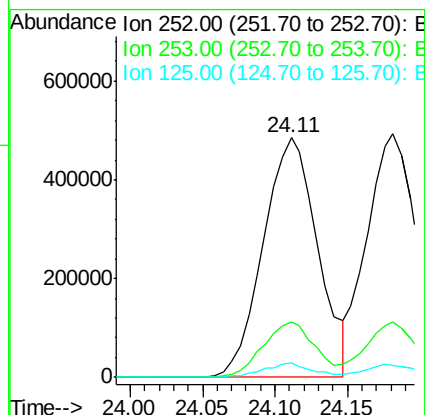
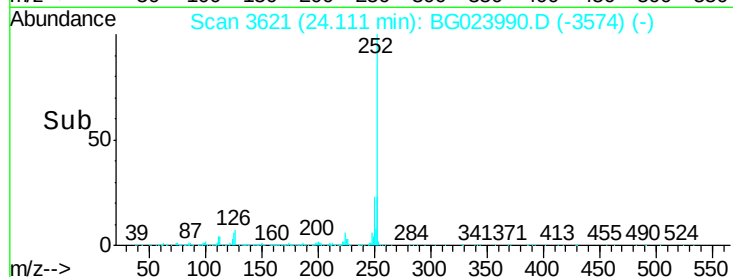
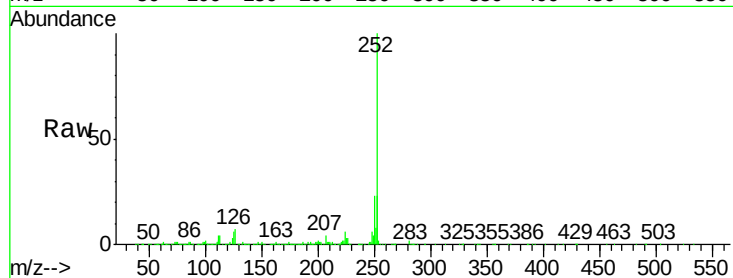
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	252	Resp:	1265532
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.9	28.3
125	5.9	3.9	5.9

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#88

Benzo(k)fluoranthene

Concen: 49.58 ng/mL

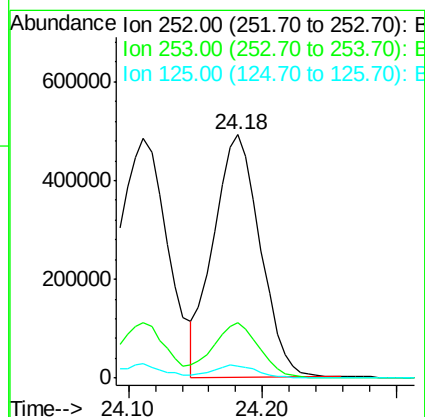
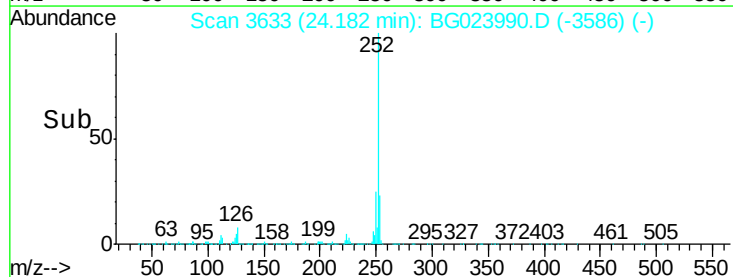
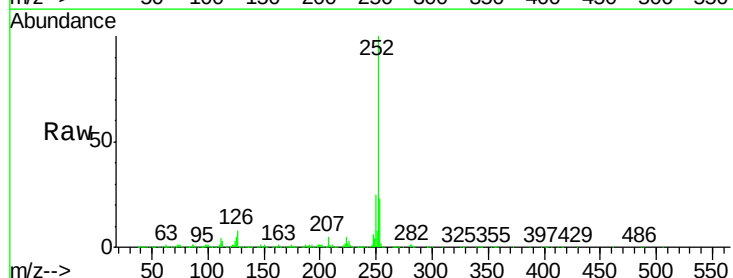
RT: 24.18 min Scan# 3633

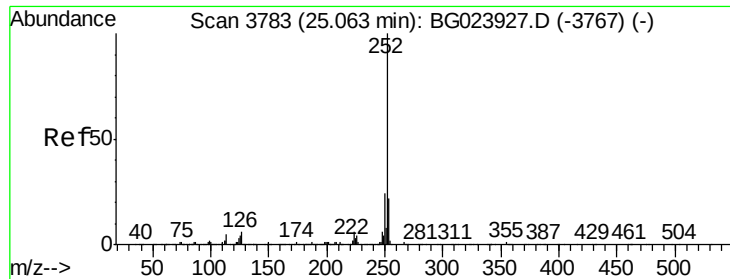
Delta R.T. -0.02 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	252	Resp:	1200882
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.8	28.2
125	4.8	3.2	4.8





#89

Benzo(a)pyrene

Concen: 52.60 ng

RT: 25.02 min Scan# 3776

Delta R.T. -0.03 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Instrument :

BNA_G

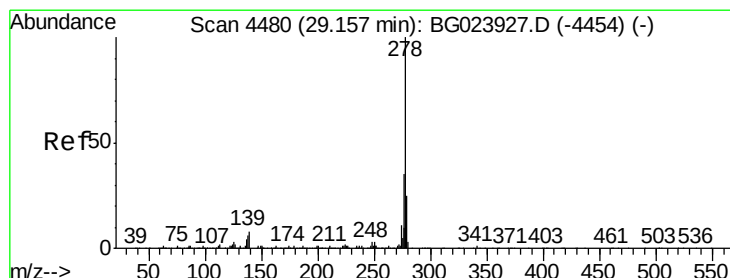
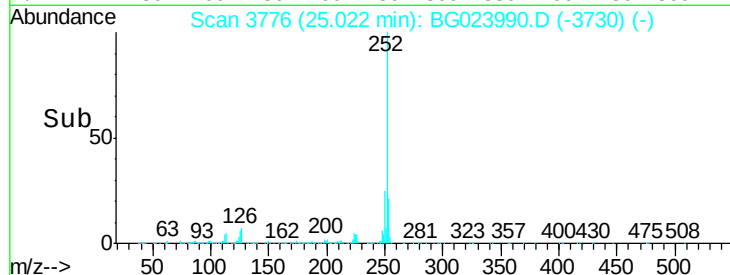
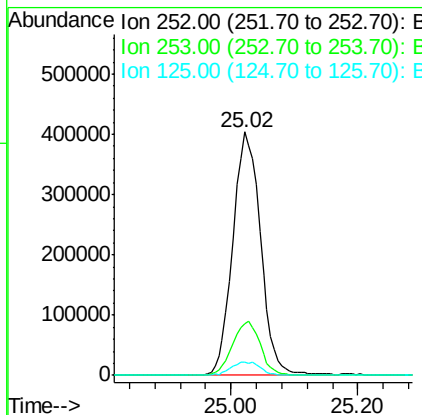
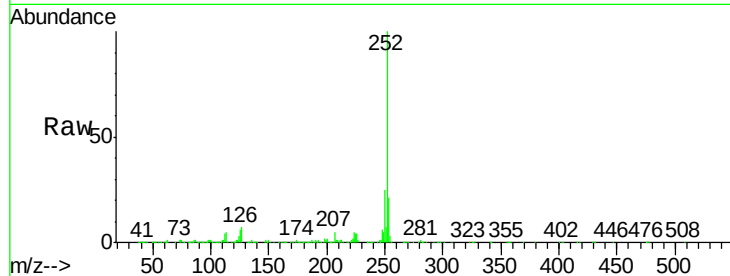
ClientSampleId :

HSR-WC-69-091216MSD

Tot Ion:	252	Resp:	1220312
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.7	28.1
125	5.7	3.9	5.9

Manual Integrations
APPROVED

sohil
9/15/2016 12:50:32 PM



#90

Dibenzo(a,h)anthracene

Concen: 49.17 ng

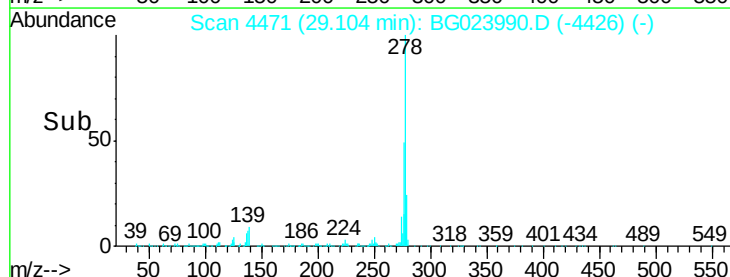
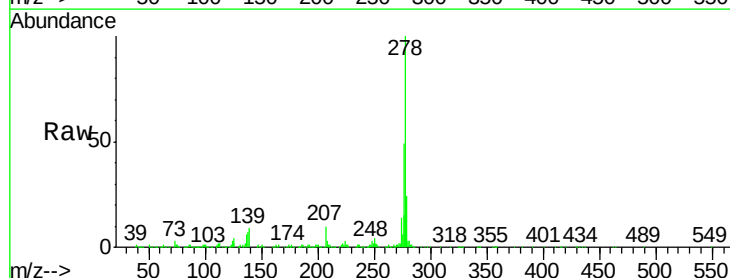
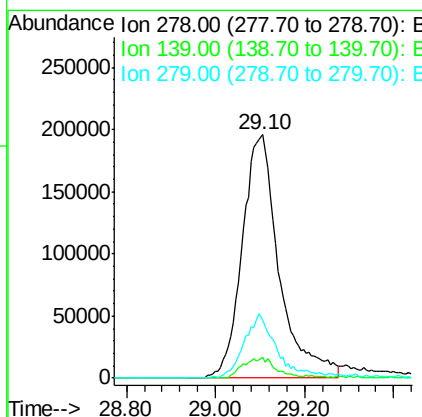
RT: 29.10 min Scan# 4471

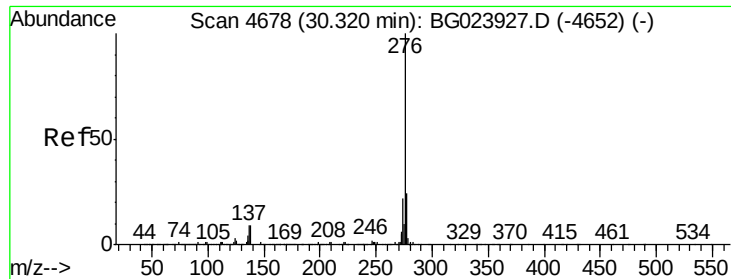
Delta R.T. -0.04 min

Lab File: BG023990.D

Acq: 14 Sep 2016 20:20

Tgt Ion:	278	Resp:	1121761
Ion Ratio	Lower	Upper	
278	100		
139	8.5	4.7	7.1#
279	23.8	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 49.91 ng
 RT: 30.25 min Scan# 4666
 Delta R.T. -0.05 min
 Lab File: BG023990.D
 Acq: 14 Sep 2016 20:20

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	27.8
138	11.5	6.8	10.2

Manual Integrations
 APPROVED

sohil
 9/15/2016 12:50:32 PM

