

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032490.D
 Acq On : 1 Feb 2018 15:11
 Operator : SJ/JU
 Sample : J1014-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

Manual Integrations
 APPROVED

Sohil
 2/2/2018 9:57:15 AM

Quant Time: Feb 01 17:50:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	27563	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	103559	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	77053	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	211247	20.00	ng	0.00
75) Chrysene-d12	22.41	240	269824	20.00	ng	0.00
86) Perylene-d12	26.08	264	274837	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	185823	135.41	ng	0.00
7) Phenol-d6	7.84	99	213723	116.71	ng	0.00
23) Nitrobenzene-d5	9.91	82	153827	92.78	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	220466	150.31	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	558169	86.10	ng	-0.01
78) Terphenyl-d14	20.62	244	1232667	97.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	17081	36.995	ng	# 76
3) Pyridine	4.28	79	43751	35.094	ng	# 76
4) n-Nitrosodimethylamine	4.17	42	29602	45.613	ng	# 69
6) Aniline	8.02	93	14443	6.326	ng	91
8) 2-Chlorophenol	8.26	128	71271	43.937	ng	# 82
9) Benzaldehyde	7.81	77	21540m	22.774	ng	
10) Phenol	7.87	94	69184	39.784	ng	87
11) bis(2-Chloroethyl)ether	8.10	93	52832	39.873	ng	# 77
12) 1,3-Dichlorobenzene	8.60	146	88130	40.174	ng	96
13) 1,4-Dichlorobenzene	8.75	146	87874	39.966	ng	92
14) 1,2-Dichlorobenzene	9.08	146	85522	39.706	ng	97
15) Benzyl Alcohol	8.95	79	51422	34.072	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.25	45	48566	38.681	ng	63
17) 2-Methylphenol	9.15	107	57714m	40.863	ng	
18) Hexachloroethane	9.83	117	30060	40.720	ng	# 81
19) n-Nitroso-di-n-propylamine	9.52	70	44522	36.669	ng	# 93
20) 3+4-Methylphenols	9.49	107	76511	38.620	ng	91
22) Acetophenone	9.55	105	100594	41.439	ng	# 94
24) Nitrobenzene	9.95	77	71047	44.315	ng	# 90
25) Isophorone	10.48	82	128363	45.469	ng	# 81
26) 2-Nitrophenol	10.68	139	44424	45.838	ng	# 82
27) 2,4-Dimethylphenol	10.72	122	70190	50.458	ng	94
28) bis(2-Chloroethoxy)methane	10.96	93	72539	46.857	ng	# 94
29) 2,4-Dichlorophenol	11.23	162	90382	49.047	ng	87
30) 1,2,4-Trichlorobenzene	11.45	180	103588	42.177	ng	95
31) Naphthalene	11.65	128	292975	57.924	ng	99
32) Benzoic acid	10.86	122	37657	38.066	ng	89
34) Hexachlorobutadiene	11.90	225	80669	42.216	ng	95
35) Caprolactam	12.50	113	20679	39.090	ng	# 51
36) 4-Chloro-3-methylphenol	12.83	107	83553	47.801	ng	# 79
37) 2-Methylnaphthalene	13.21	142	190098	44.737	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	147029	40.787	ng	95
40) Hexachlorocyclopentadiene	13.54	237	197480	87.680	ng	93
42) 2,4,6-Trichlorophenol	13.80	196	91290	46.558	ng	99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032490.D
 Acq On : 1 Feb 2018 15:11
 Operator : SJ/JU
 Sample : J1014-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

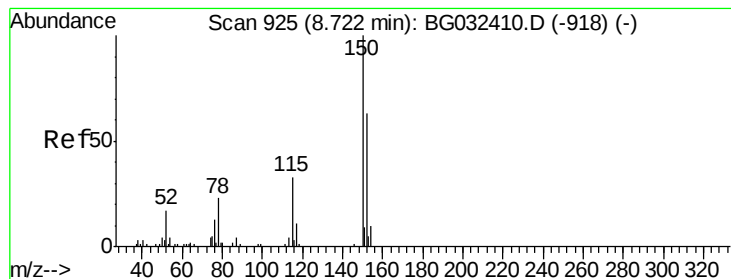
Manual Integrations
 APPROVED

Sohil
 2/2/2018 9:57:15 AM

Quant Time: Feb 01 17:50:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.87	196	102334	44.771	nq	# 93
45) 1,1'-Biphenyl	14.19	154	270195	41.506	nq	95
46) 2-Chloronaphthalene	14.24	162	213611	41.866	nq	98
47) 2-Nitroaniline	14.43	65	46048	40.811	nq	# 80
48) Acenaphthylene	15.08	152	318449	41.285	nq	98
49) Dimethylphthalate	14.78	163	306939	43.203	nq	99
50) 2,6-Dinitrotoluene	14.91	165	66358	44.500	nq	# 80
51) Acenaphthene	15.41	154	263928	49.338	nq	99
52) 3-Nitroaniline	15.25	138	5079	3.899	nq	# 71
53) 2,4-Dinitrophenol	15.44	184	90212	96.050	nq	# 64
54) Dibenzofuran	15.74	168	359972	45.464	nq	96
55) 4-Nitrophenol	15.54	139	88203	90.455	nq	# 76
56) 2,4-Dinitrotoluene	15.69	165	99008	46.633	nq	# 71
57) Fluorene	16.39	166	290521	44.156	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	114267	50.687	nq	# 85
59) Diethylphthalate	16.12	149	304577	44.017	nq	97
60) 4-Chlorophenyl-phenylether	16.36	204	182456	43.977	nq	91
61) 4-Nitroaniline	16.40	138	27294	19.551	nq	# 77
62) Azobenzene	16.66	77	180323	43.607	nq	82
64) 4,6-Dinitro-2-methylphenol	16.45	198	63606	40.304	nq	74
65) n-Nitrosodiphenylamine	16.57	169	143609	22.779	nq	99
66) 4-Bromophenyl-phenylether	17.26	248	136655	43.665	nq	95
67) Hexachlorobenzene	17.38	284	147794	42.674	nq	# 90
68) Atrazine	17.50	200	35418	13.087	nq	96
69) Pentachlorophenol	17.72	266	194596	89.692	nq	98
70) Phenanthrene	18.13	178	526407	44.684	nq	99
71) Anthracene	18.21	178	540388	46.069	nq	98
72) Carbazole	18.48	167	306140	29.538	nq	99
73) Di-n-butylphthalate	18.98	149	530282	46.212	nq	99
74) Fluoranthene	20.09	202	713751	46.199	nq	95
77) Pyrene	20.45	202	707758	42.766	nq	99
79) Butylbenzylphthalate	21.30	149	246430	47.208	nq	# 77
80) Benzo(a)anthracene	22.39	228	768896	45.966	nq	98
82) Chrysene	22.46	228	711139	44.021	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	339496	45.868	nq	# 99
84) Di-n-octyl phthalate	23.59	149	600896	51.185	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.34	276	957166	46.837	nq	# 83
87) Benzo(b)fluoranthene	24.91	252	817534	49.230	nq	# 95
88) Benzo(k)fluoranthene	24.98	252	807313	49.075	nq	# 96
89) Benzo(a)pyrene	25.91	252	778912	49.200	nq	# 95
90) Dibenzo(a,h)anthracene	30.41	278	821018	50.695	nq	# 94
91) Benzo(g,h,i)perylene	31.69	276	765618	47.627	nq	# 90

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



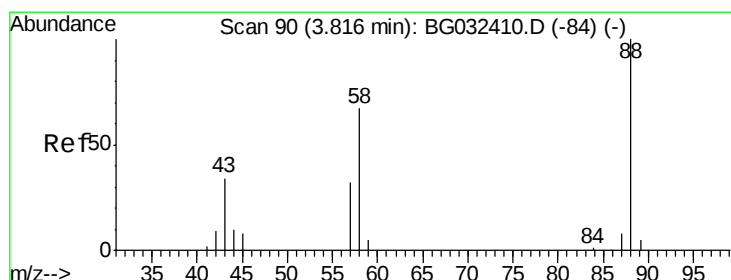
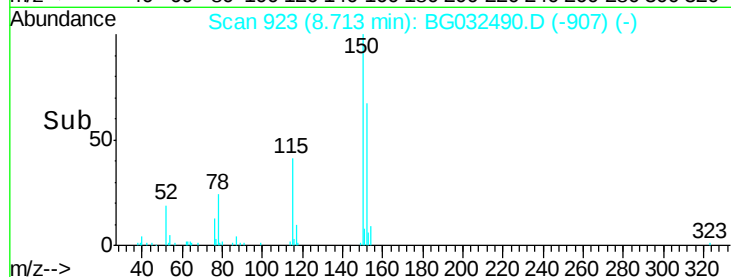
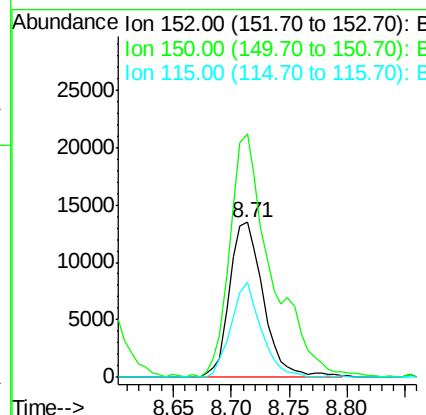
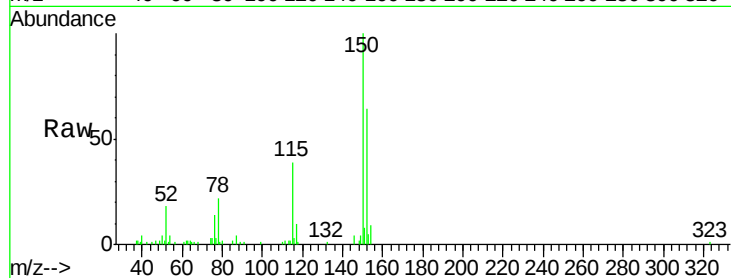
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	60.9	53.0	79.4

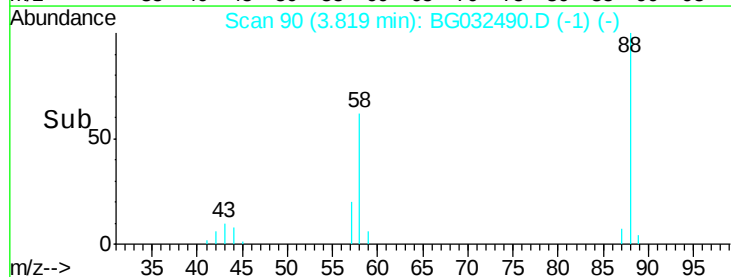
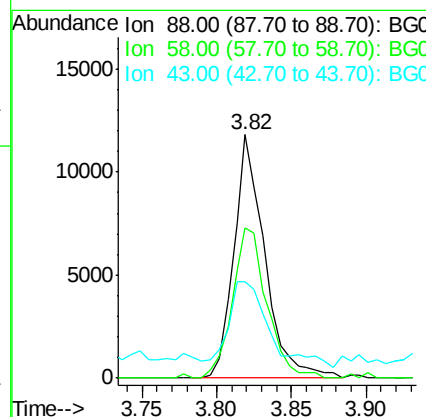
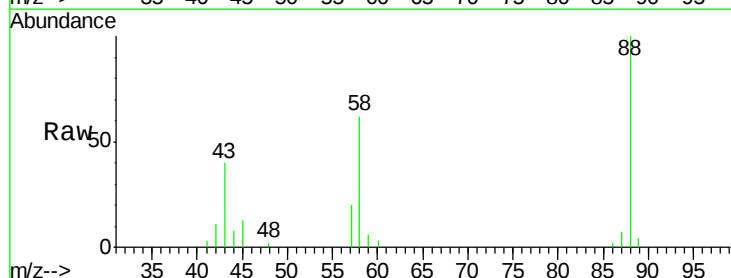
Manual Integrations
 APPROVED

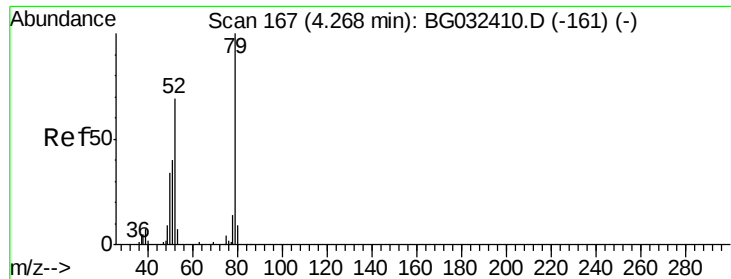
Sohil
 2/2/2018 9:57:15 AM



#2
 1,4-Dioxane
 Concen: 36.995 ng
 RT: 3.82 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	79.6	119.4#
43	35.5	27.4	41.0





#3

Pvridine

Concen: 35.094 ng

RT: 4.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

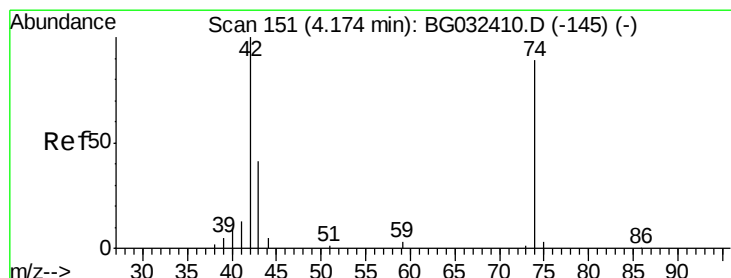
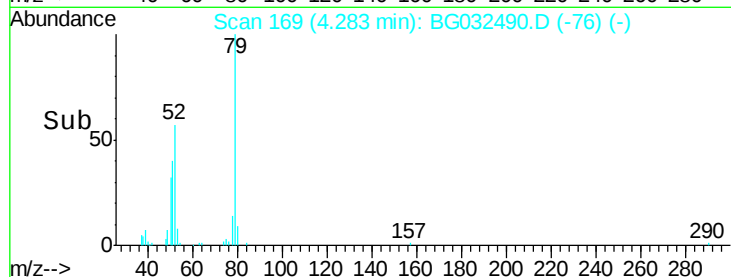
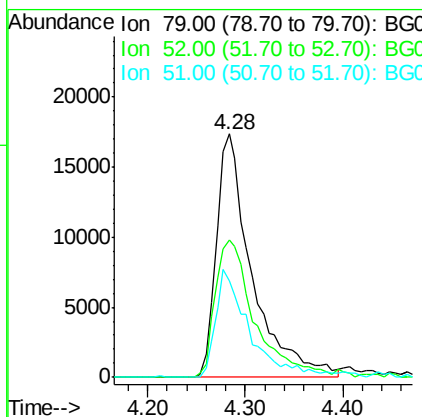
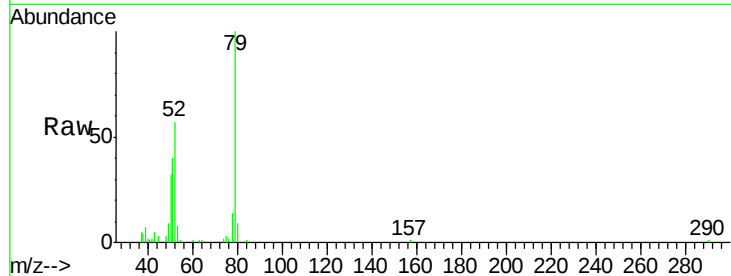
ClientSampleId :

HD-02-013118MS

Tot Ion:	79	Resp:	43751
Ion	Ratio	Lower	Upper
79	100		
52	56.6	69.9	104.9#
51	39.6	34.0	51.0

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#4

n-Nitrosodimethylamine

Concen: 45.613 ng

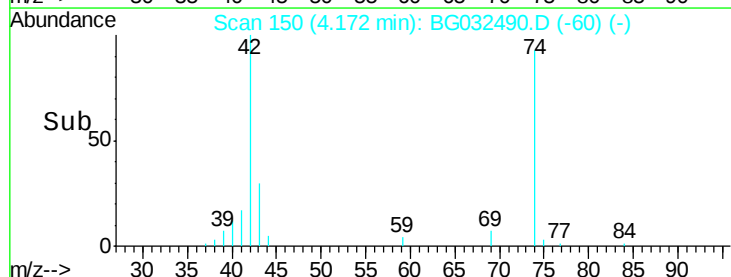
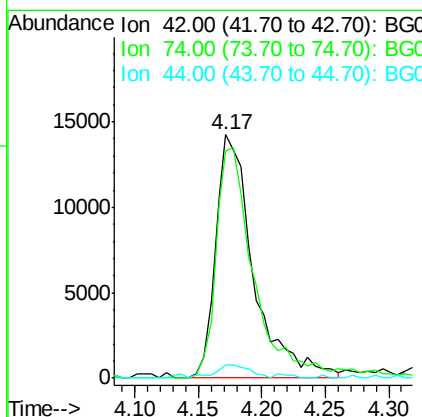
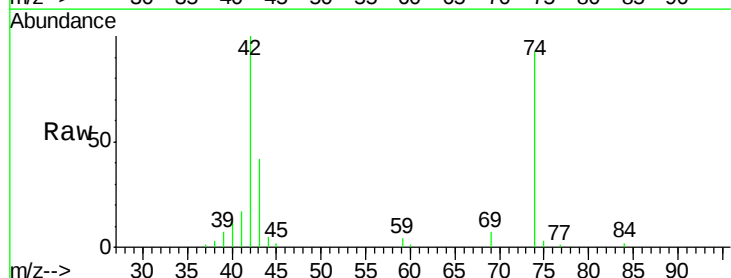
RT: 4.17 min Scan# 150

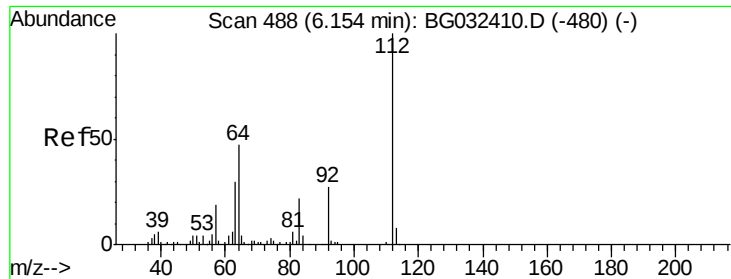
Delta R.T. -0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	42	Resp:	29602
Ion	Ratio	Lower	Upper
42	100		
74	93.5	102.5	153.7#
44	5.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 135.412 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

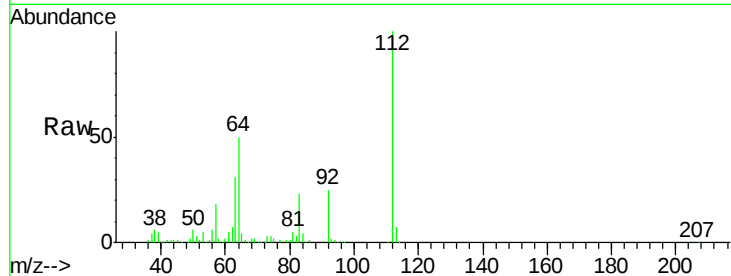
ClientSampleId :

HD-02-013118MS

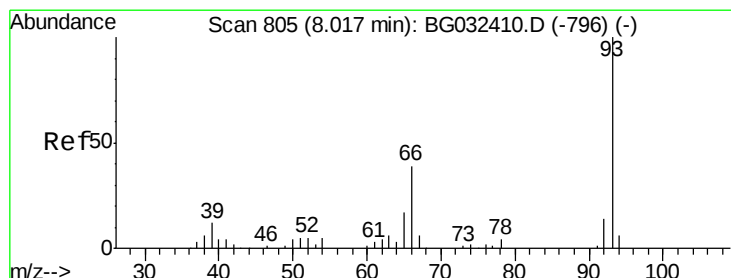
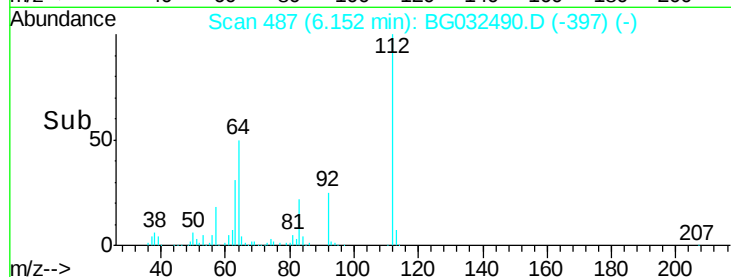
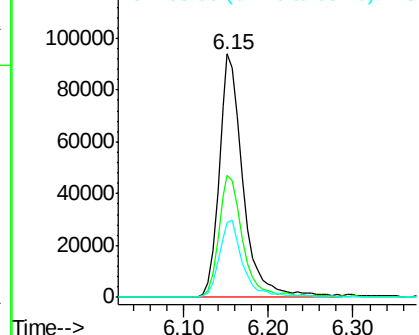
Tot Ion:	112	Resp:	185823
Ion Ratio	Lower	Upper	
112	100		
64	50.3	56.3	84.5#
63	30.9	30.1	45.1

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.326 ng

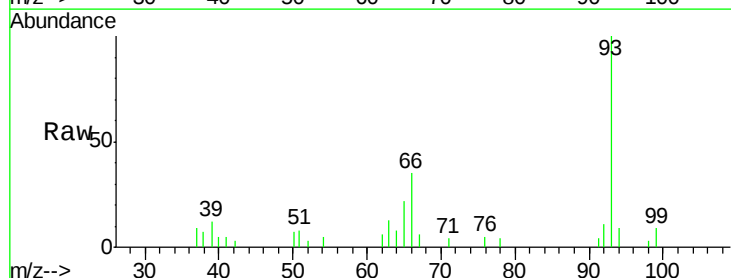
RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

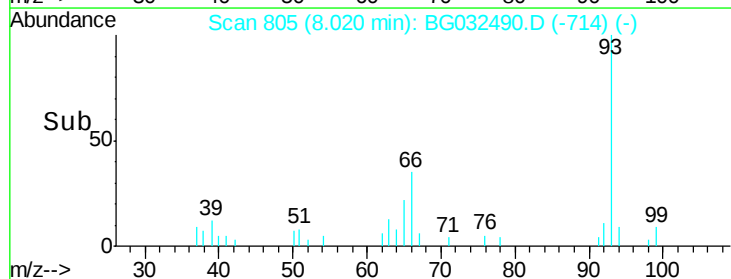
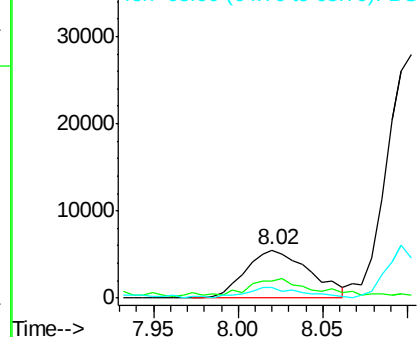
Lab File: BG032490.D

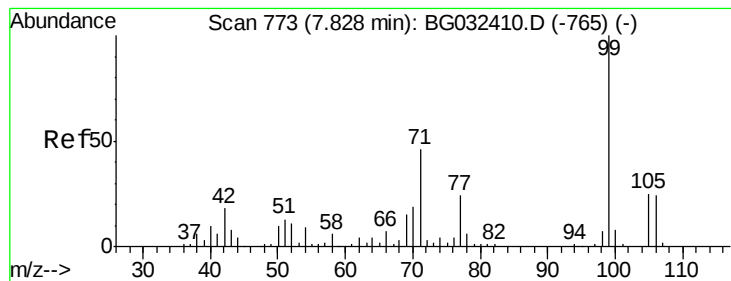
Acq: 1 Feb 2018 15:11

Tgt Ion:	93	Resp:	14443
Ion Ratio	Lower	Upper	
93	100		
66	34.6	33.7	50.5
65	21.9	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.713 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

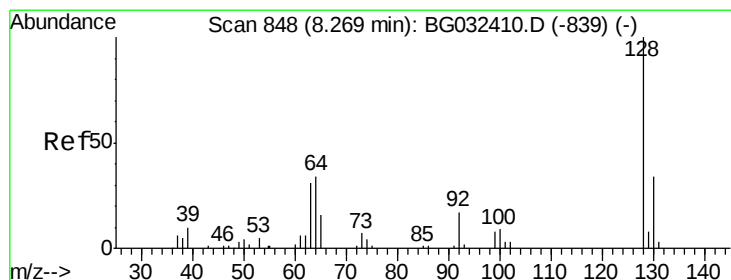
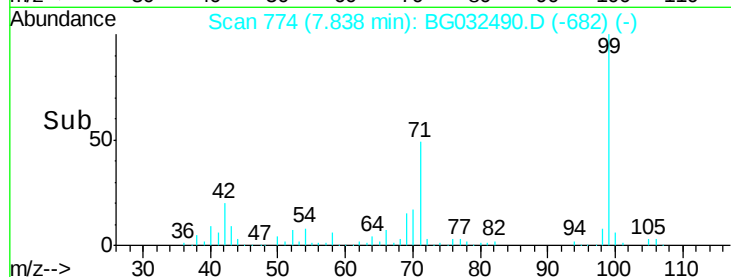
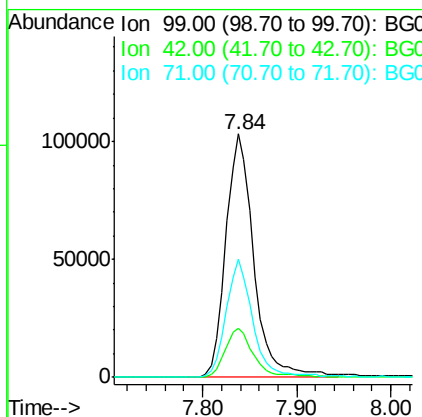
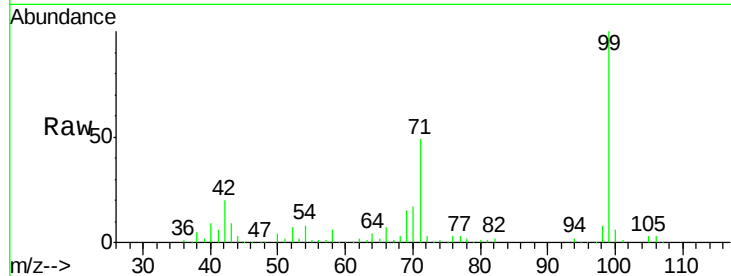
ClientSampleId :

HD-02-013118MS

Tot Ion:	99	Resp:	213723
Ion Ratio	Lower	Upper	
99	100		
42	20.2	14.1	21.1
71	48.8	26.1	39.1#

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#8

2-Chlorophenol

Concen: 43.937 ng

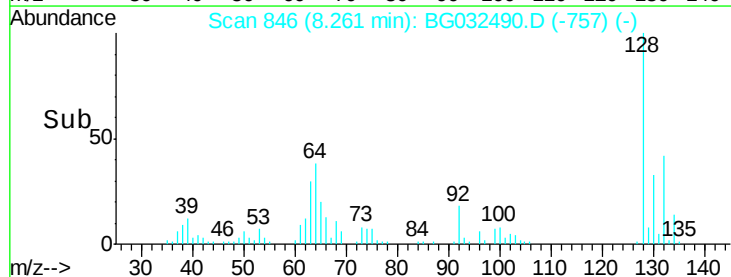
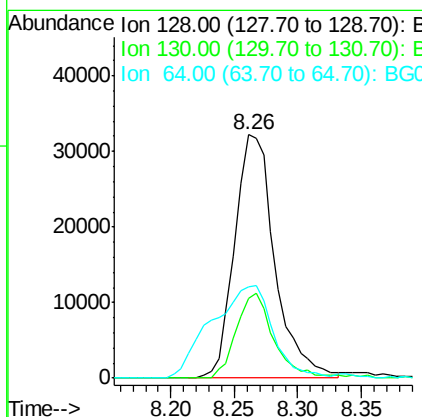
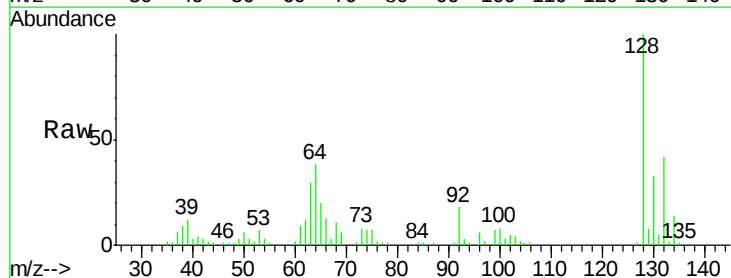
RT: 8.26 min Scan# 846

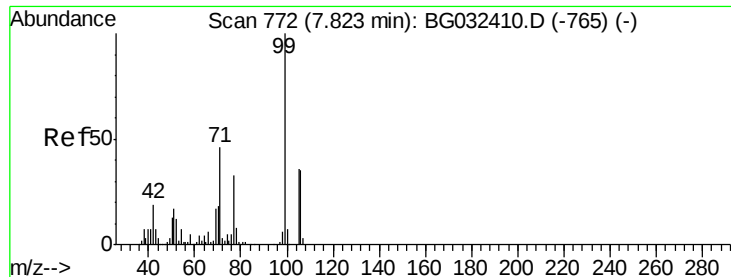
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	128	Resp:	71271
Ion Ratio	Lower	Upper	
128	100		
130	32.9	14.0	54.0
64	37.5	37.7	77.7#





#9

Benzaldehyde

Concen: 22.774 ng/mL

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

ClientSampleId :

HD-02-013118MS

Tot Ion: 77 Resp: 21540

Ion Ratio Lower Upper

77 100

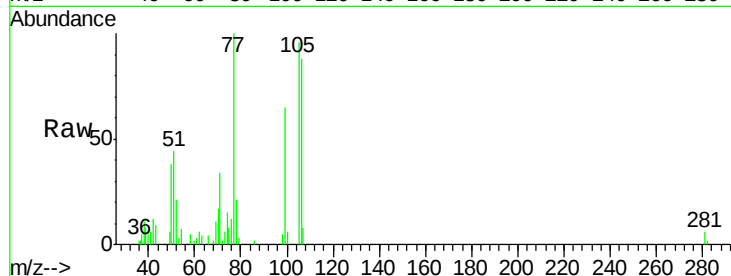
105 96.5 71.3 111.3

106 88.0 64.2 104.2

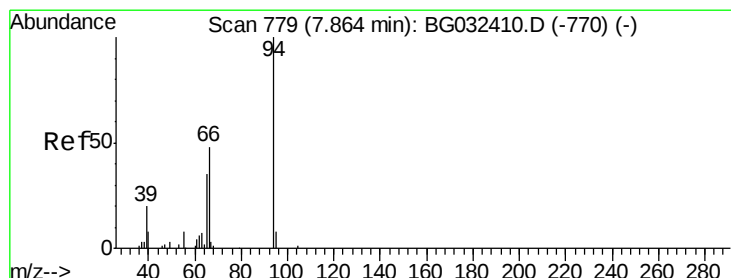
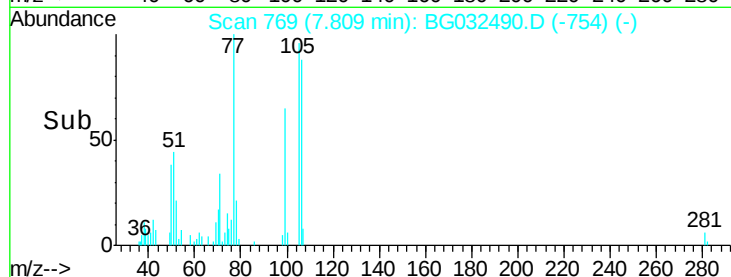
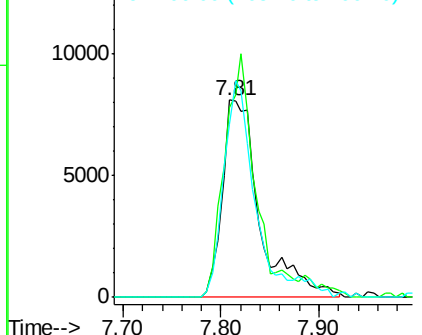
Manual Integrations
APPROVED

Sohil

2/2/2018 9:57:15 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.784 ng/mL

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

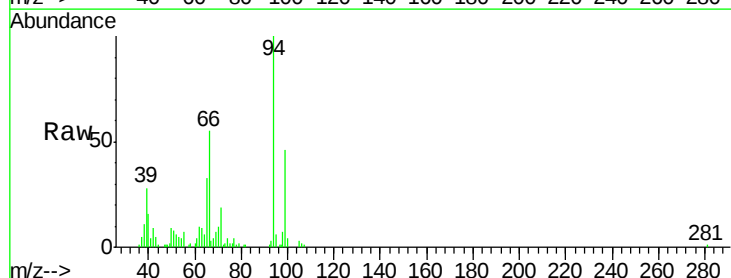
Tgt Ion: 94 Resp: 69184

Ion Ratio Lower Upper

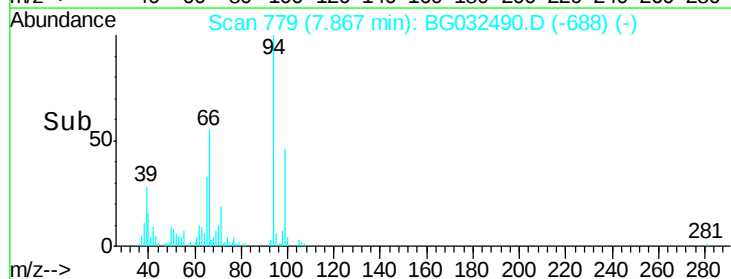
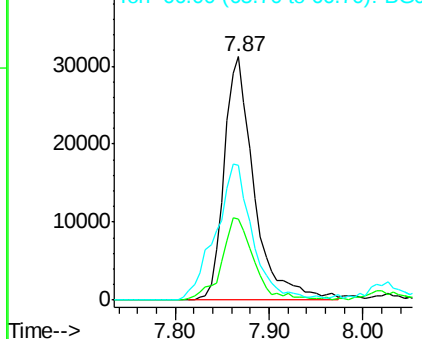
94 100

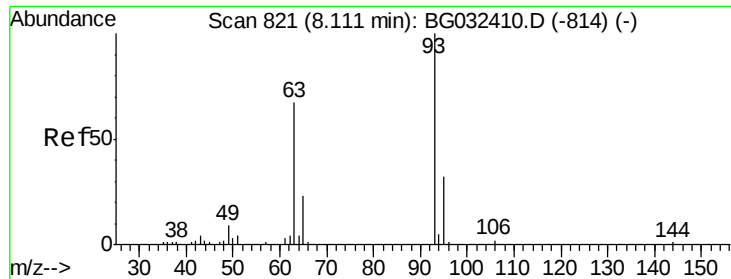
65 33.3 11.9 51.9

66 55.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





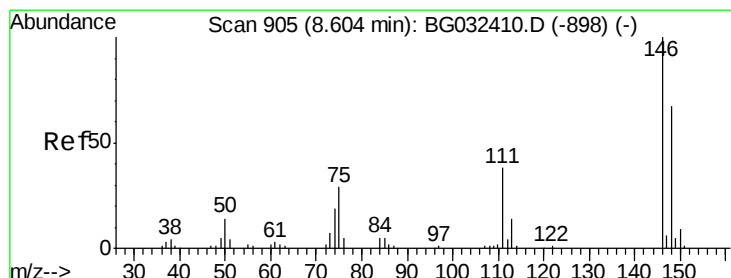
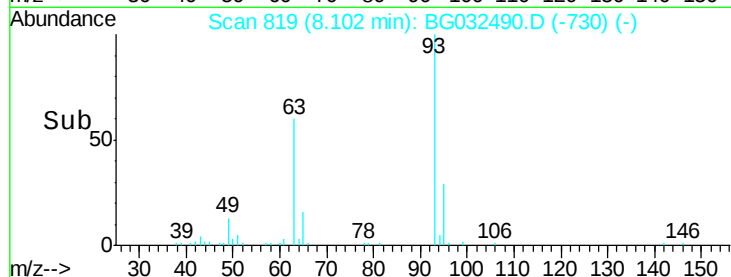
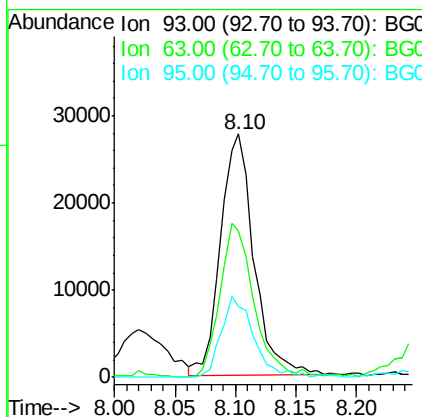
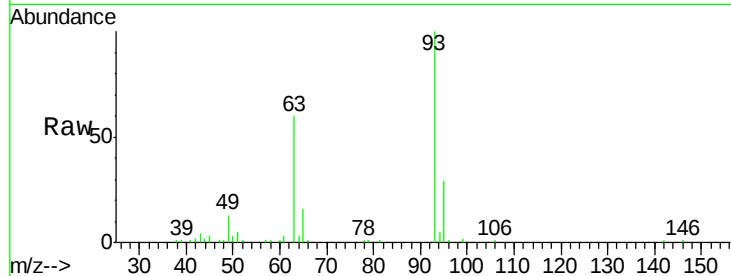
#11
bis(2-Chloroethyl)ether
Concen: 39.873 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	60.1	67.1	107.1#
95	29.3	11.5	51.5

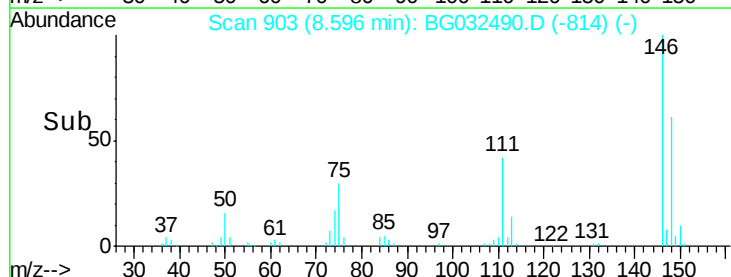
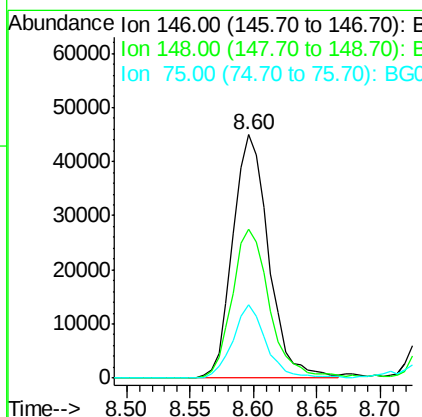
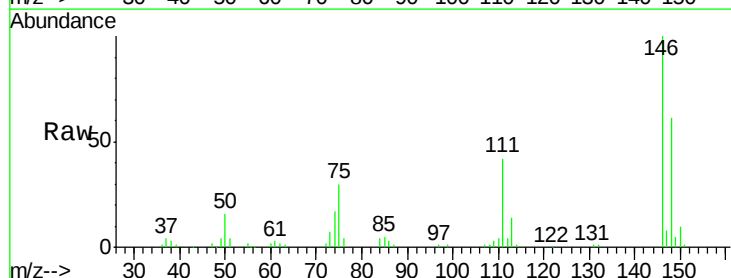
Manual Integrations
APPROVED

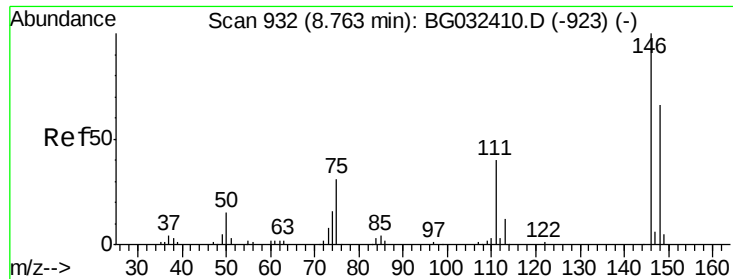
Sohil
2/2/2018 9:57:15 AM



#12
1,3-Dichlorobenzene
Concen: 40.174 ng
RT: 8.60 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.4	77.2
75	30.0	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 39.966 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

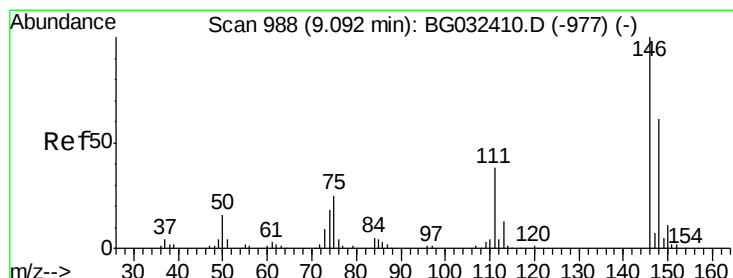
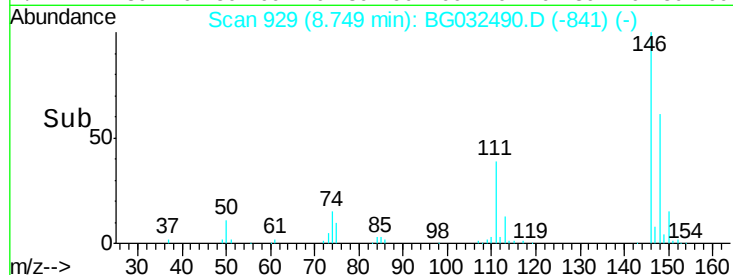
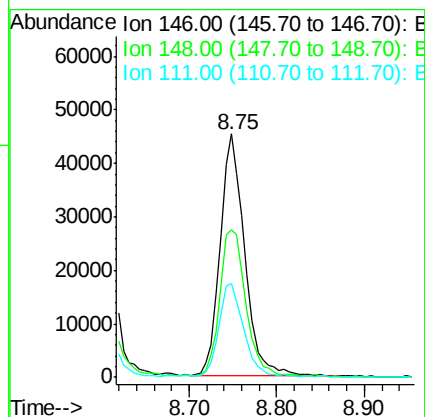
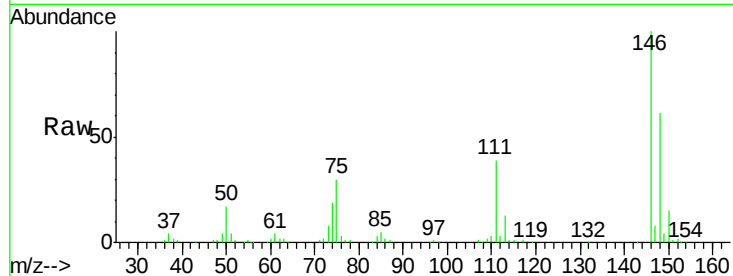
ClientSampleId :

HD-02-013118MS

Tot Ion:	146	Resp:	87874
Ion Ratio	Lower	Upper	
146	100		
148	60.8	53.7	80.5
111	38.7	35.2	52.8

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#14

1,2-Dichlorobenzene

Concen: 39.706 ng

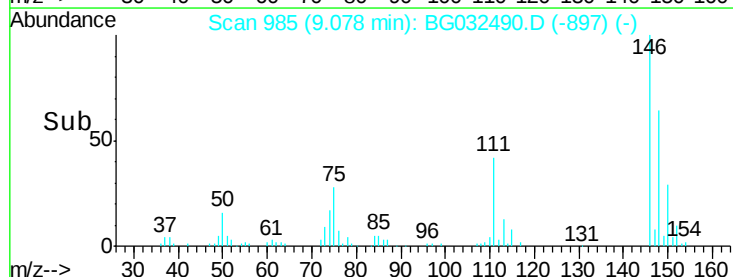
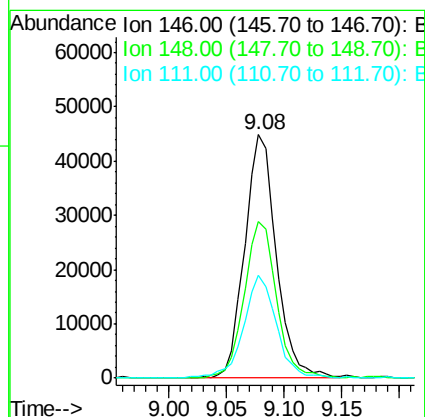
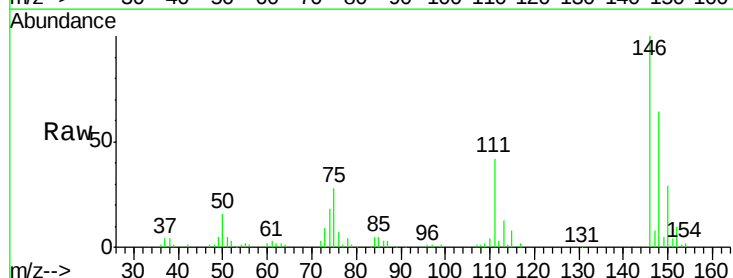
RT: 9.08 min Scan# 985

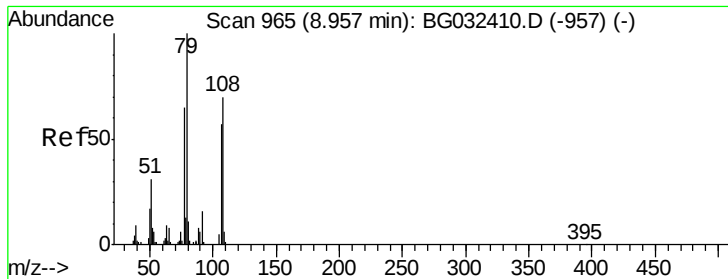
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	146	Resp:	85522
Ion Ratio	Lower	Upper	
146	100		
148	64.3	49.3	73.9
111	42.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 34.072 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

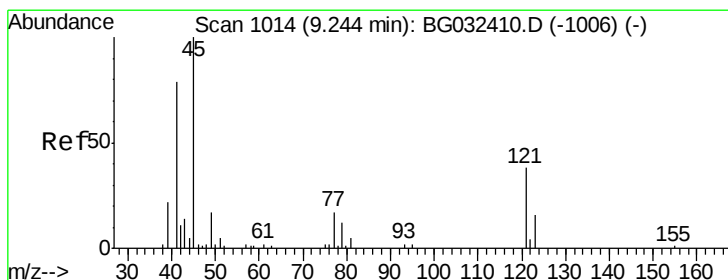
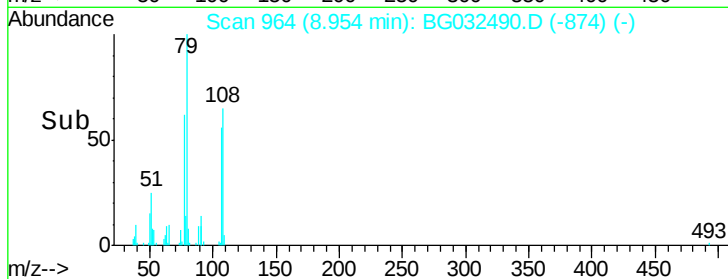
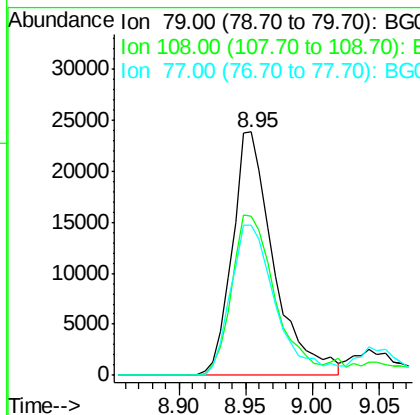
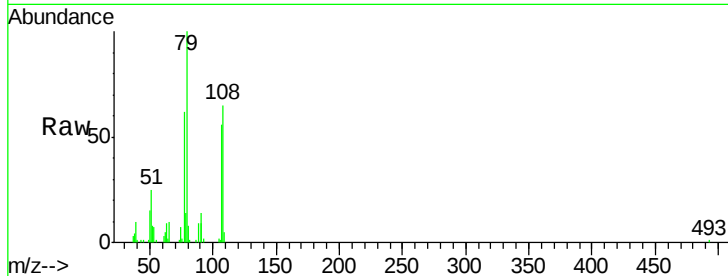
ClientSampleId :

HD-02-013118MS

Tot Ion:	79	Resp:	51422
Ion Ratio	Lower	Upper	
79	100		
108	65.3	57.2	85.8
77	61.7	46.1	69.1

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.681 ng

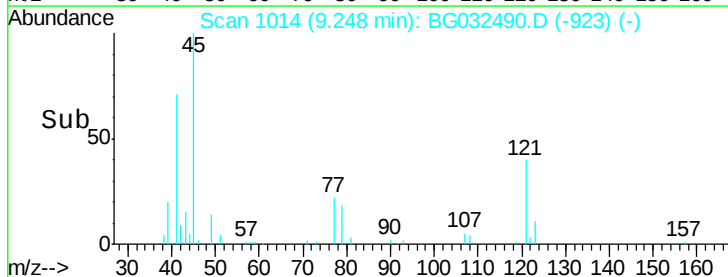
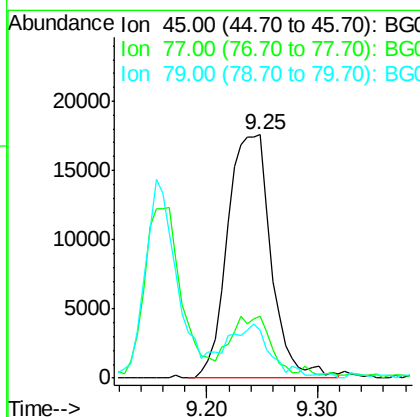
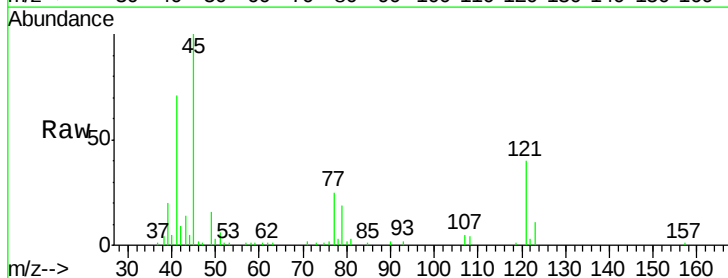
RT: 9.25 min Scan# 1014

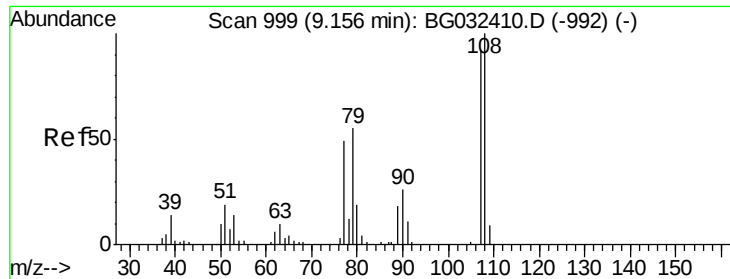
Delta R.T. 0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	45	Resp:	48566
Ion Ratio	Lower	Upper	
45	100		
77	25.2	0.0	30.2
79	19.4	0.0	27.9





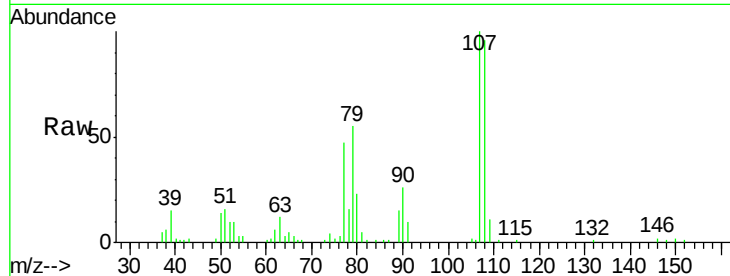
#17
2-Methylphenol
Concen: 40.863 ng/ml
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	95.8	83.9	125.9
77	46.9	37.2	55.8
79	55.3	36.2	54.2

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



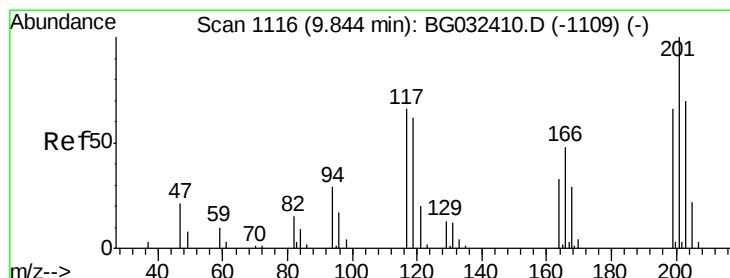
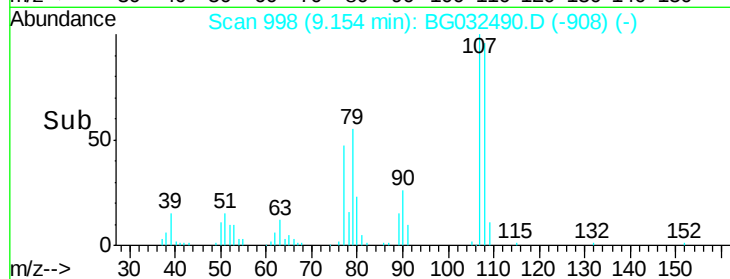
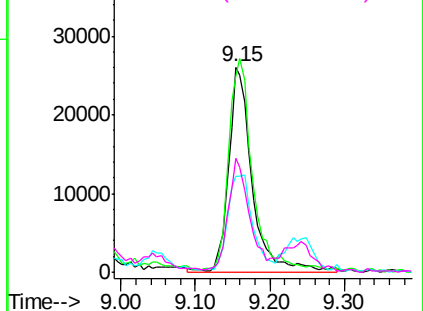
Abundance

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: 40.720 ng/ml
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

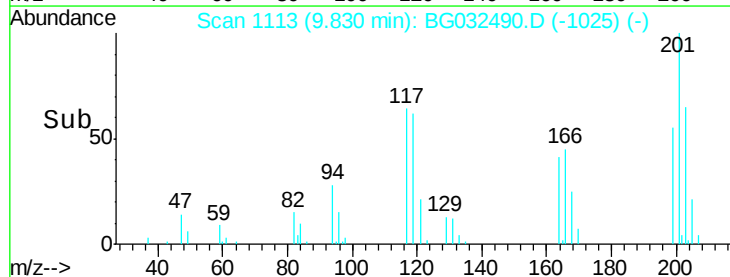
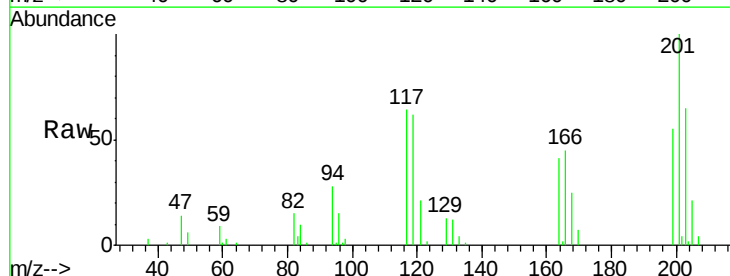
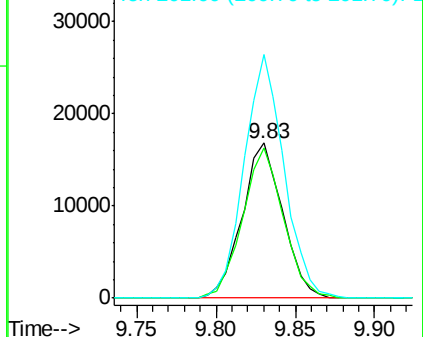
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.7	115.1
201	156.9	95.7	143.5

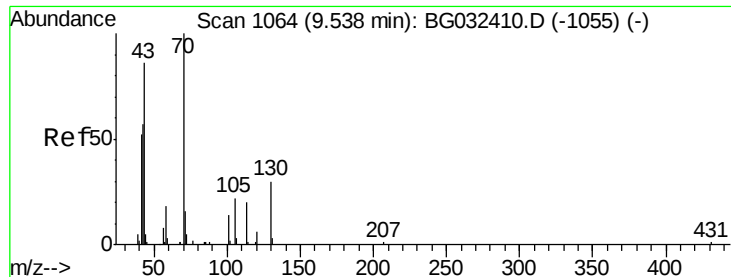
Abundance

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





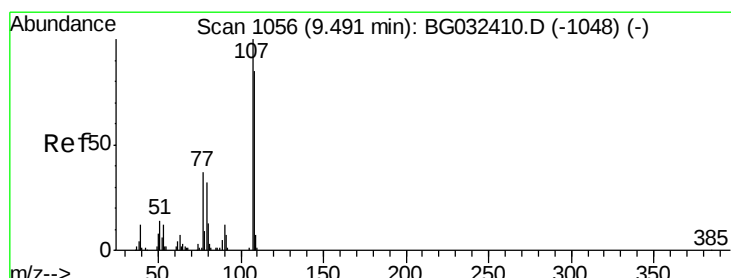
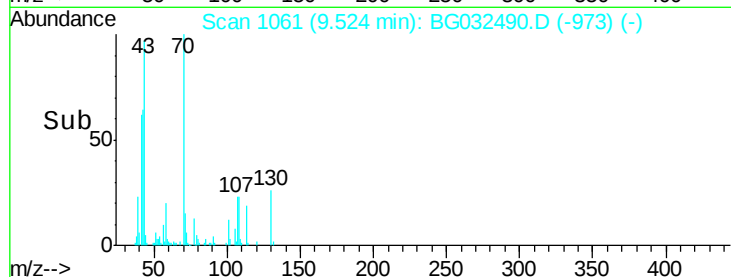
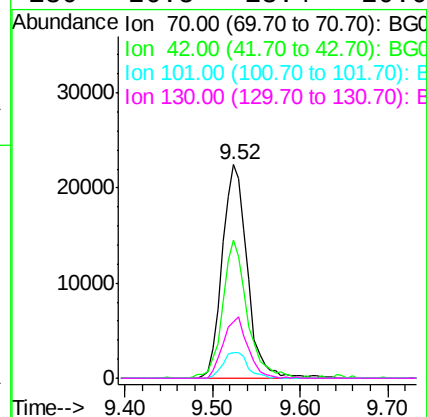
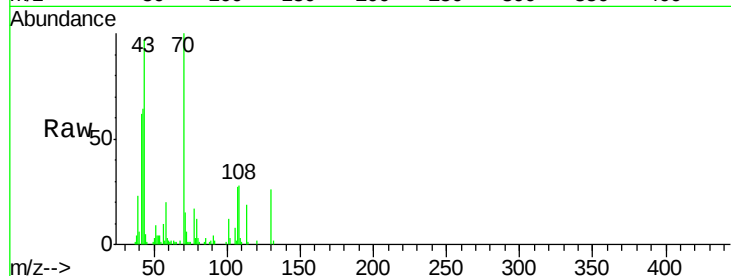
#19
n-Nitroso-di-n-propylamine
Concen: 36.669 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	49.1	73.7
101	11.9	8.5	12.7
130	26.5	13.4	20.0

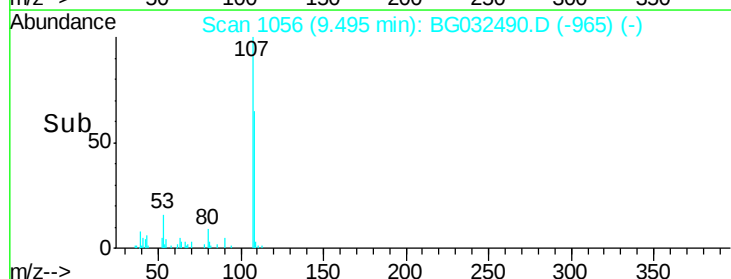
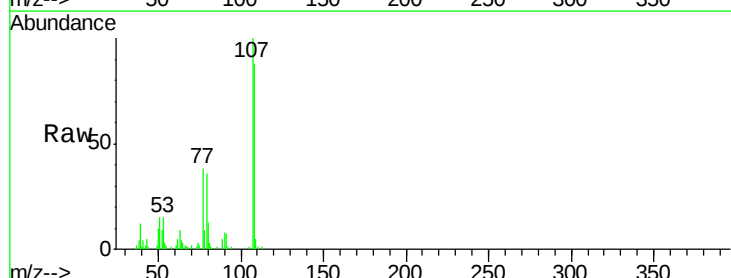
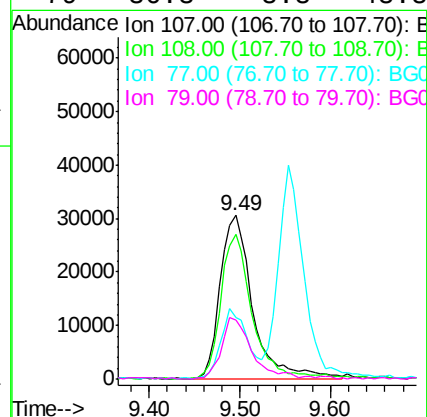
Manual Integrations
APPROVED

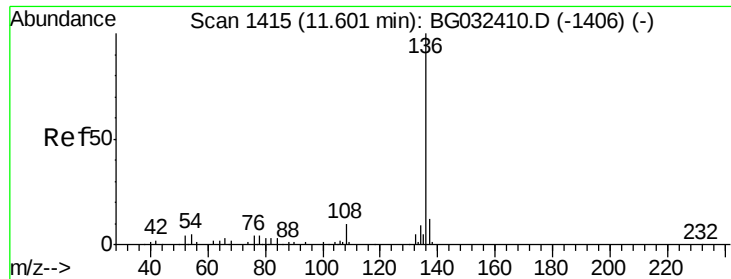
Sohil
2/2/2018 9:57:15 AM



#20
3+4-Methylphenols
Concen: 38.620 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	61.6	101.6
77	37.6	13.9	53.9
79	36.3	8.8	48.8





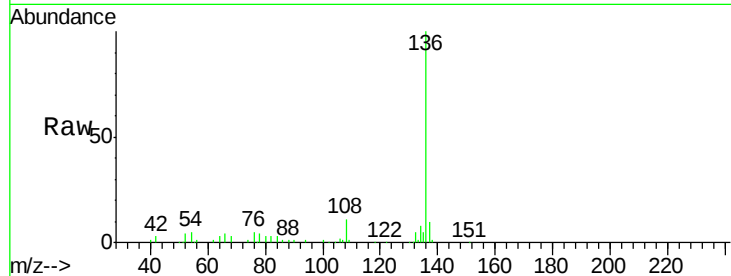
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

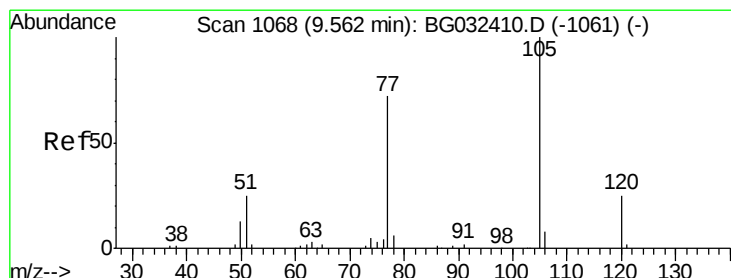
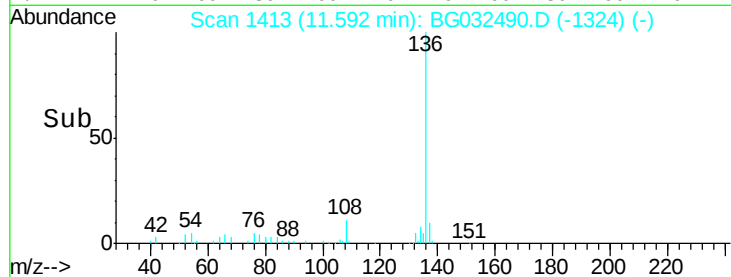
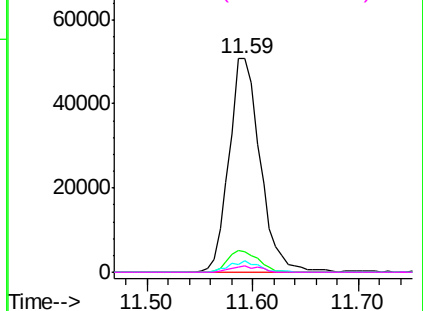
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.7	9.2	13.8	
54	5.2	10.3	15.5	
68	3.0	4.5	6.7	

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



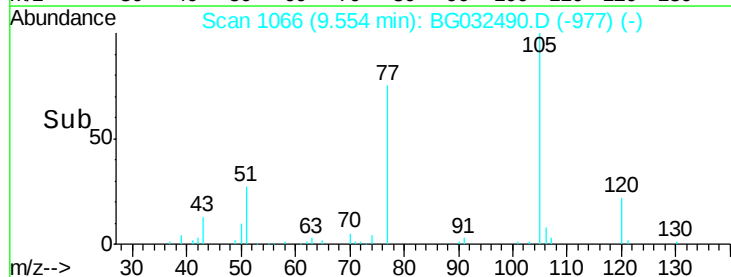
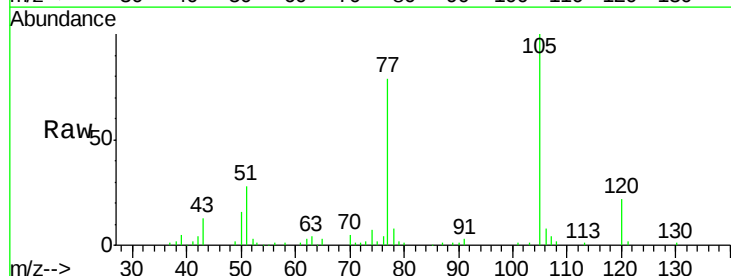
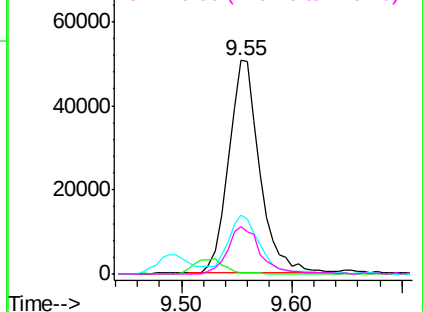
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

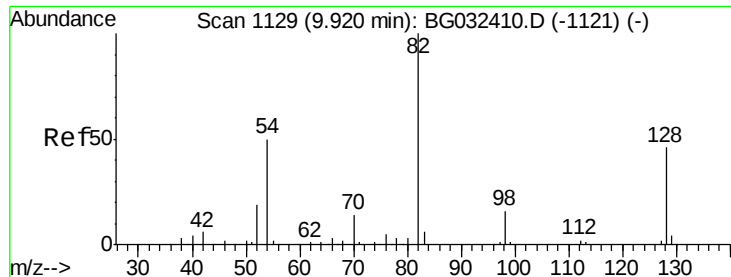


#22
Acetophenone
Concen: 41.439 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	3.0	4.4	
51	27.7	26.1	39.1	
120	22.1	17.4	26.2	

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





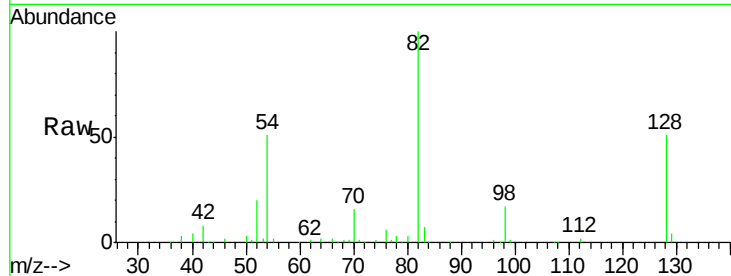
#23
Nitrobenzene-d5
Concen: 92.779 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

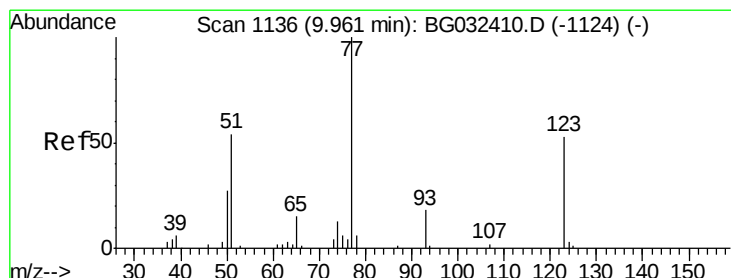
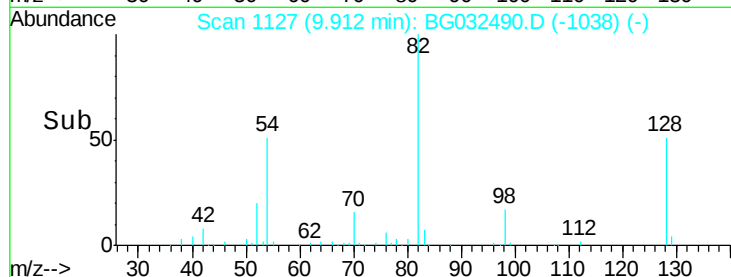
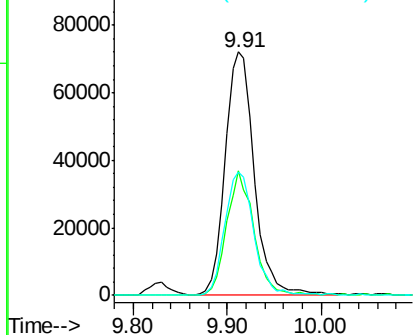
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.2	29.7	44.5#	
54	50.8	43.1	64.7	

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM

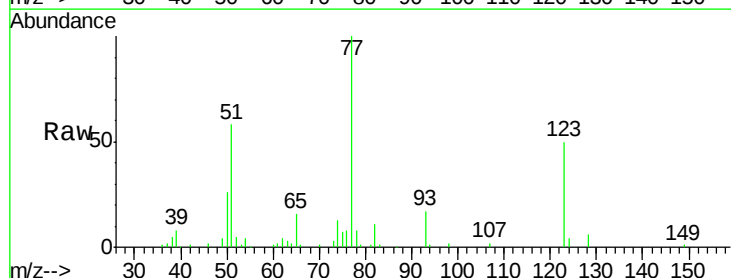


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

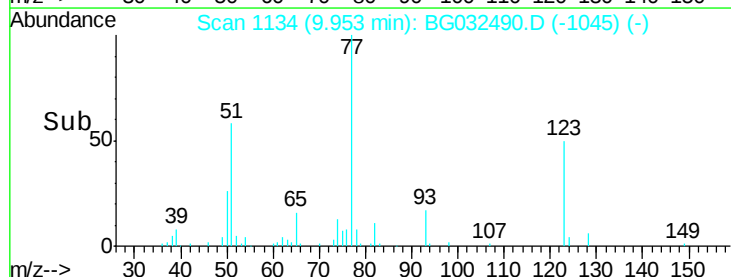
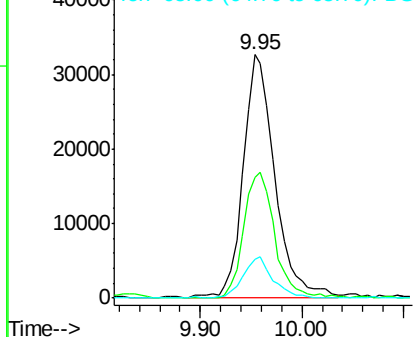


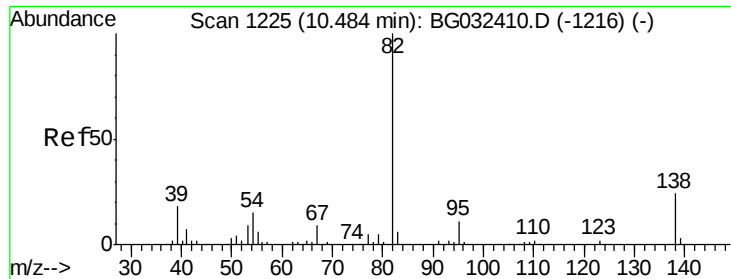
#24
Nitrobenzene
Concen: 44.315 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.7	33.0	49.6#	
65	16.0	13.0	19.6	



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





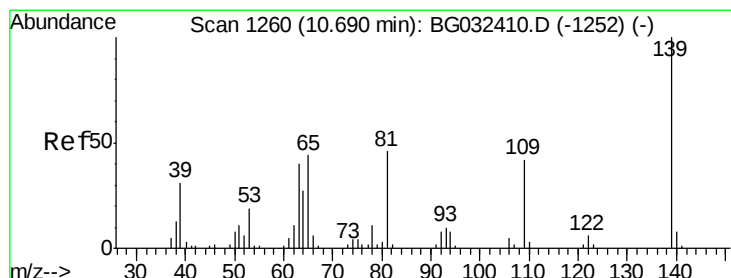
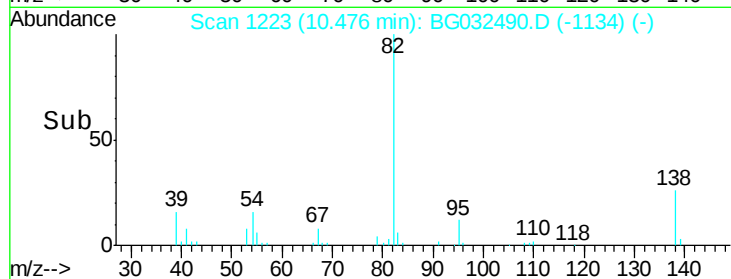
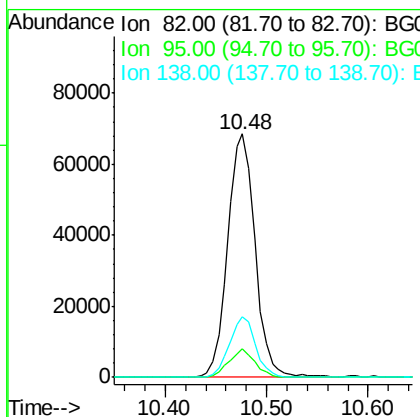
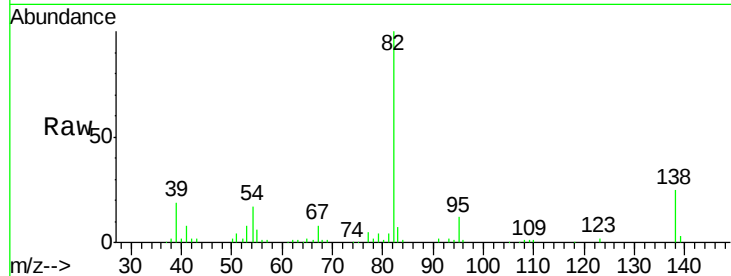
#25
Isophorone
Concen: 45.469 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	11.7	6.2	9.2#	
138	24.7	12.1	18.1#	

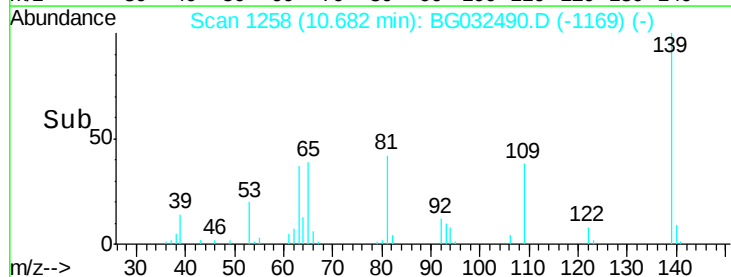
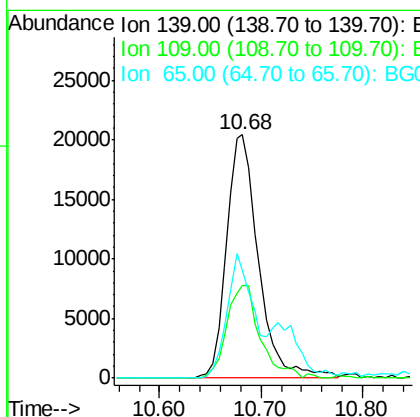
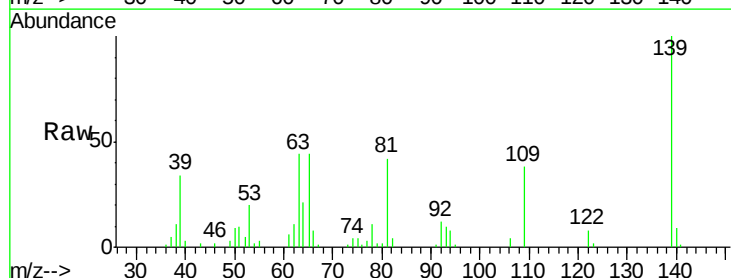
Manual Integrations
APPROVED

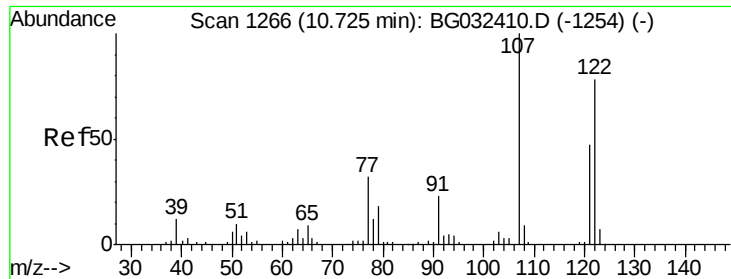
Sohil
2/2/2018 9:57:15 AM



#26
2-Nitrophenol
Concen: 45.838 ng
RT: 10.68 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.9	24.2	36.2#	
65	44.3	47.4	71.0#	





#27

2,4-Dimethylphenol

Concen: 50.458 ng

RT: 10.72 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

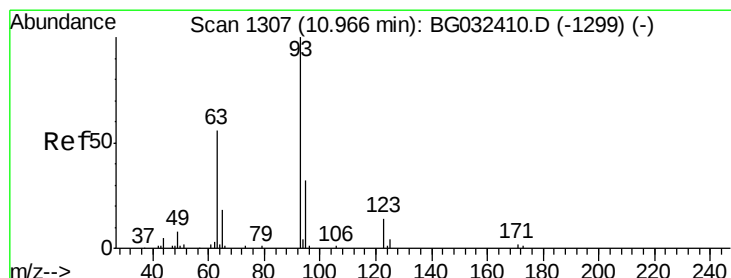
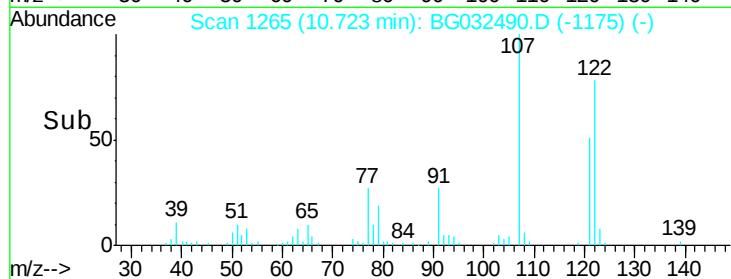
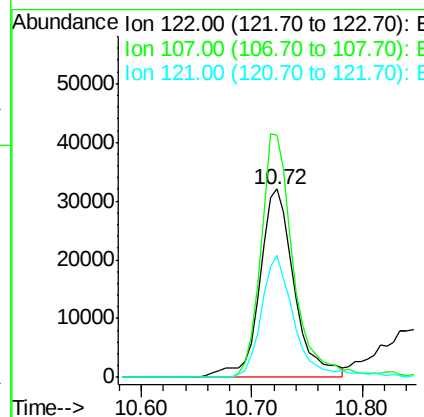
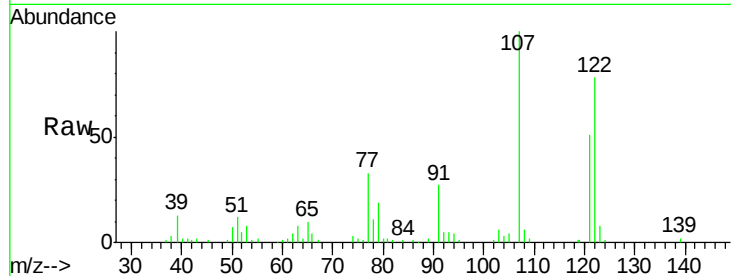
ClientSampleId :

HD-02-013118MS

Tot Ion:	122	Resp:	70190
Ion Ratio	Lower	Upper	
122	100		
107	128.5	100.2	150.2
121	65.1	44.4	66.6

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#28

bis(2-Chloroethoxy)methane

Concen: 46.857 ng

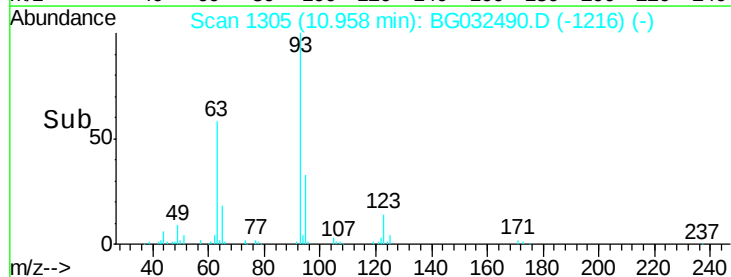
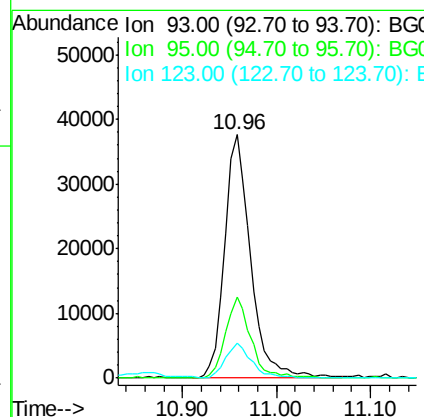
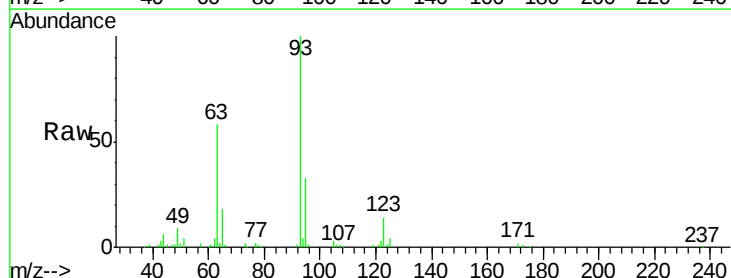
RT: 10.96 min Scan# 1305

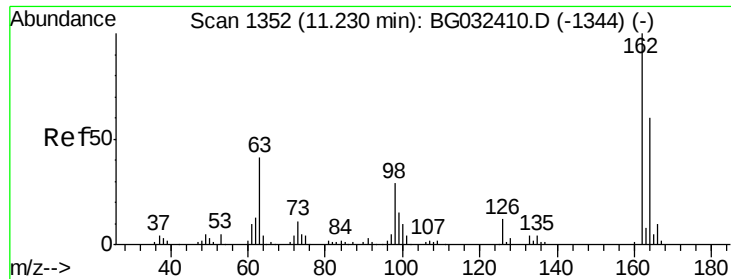
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	93	Resp:	72539
Ion Ratio	Lower	Upper	
93	100		
95	33.1	24.3	36.5
123	14.4	8.4	12.6#





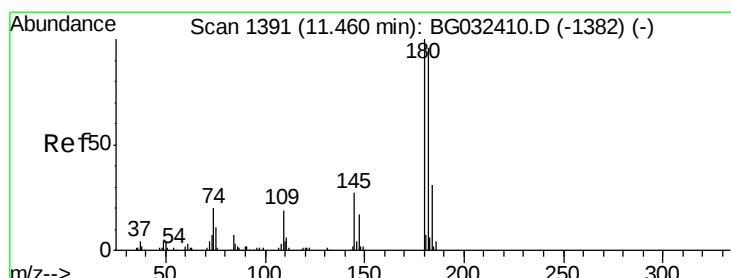
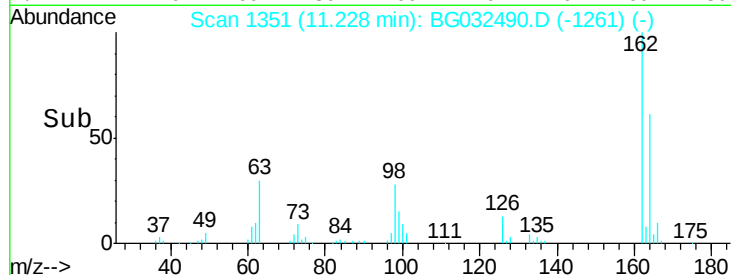
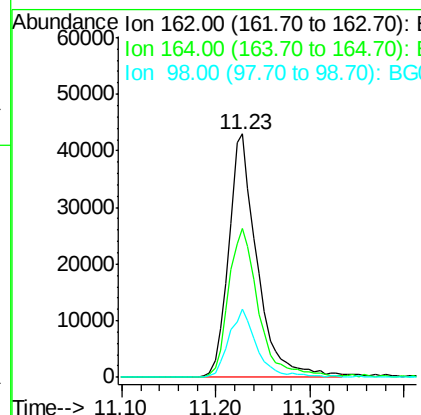
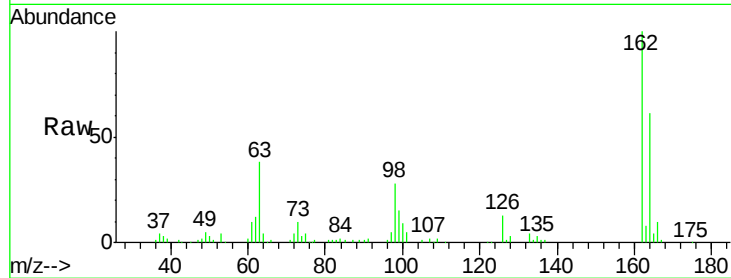
#29
 2,4-Dichlorophenol
 Concen: 49.047 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	90382		
164	61.2	48.0	88.0	
98	28.2	21.1	61.1	

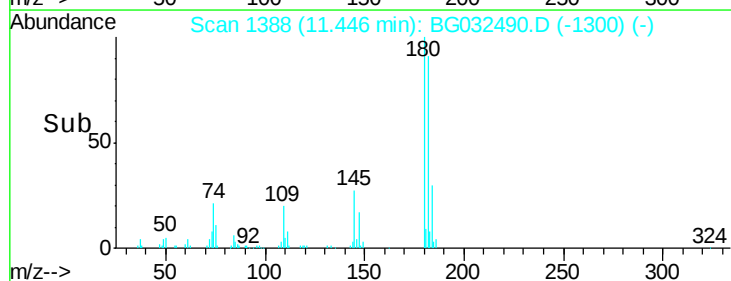
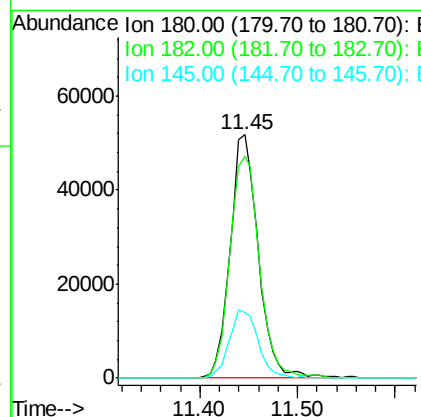
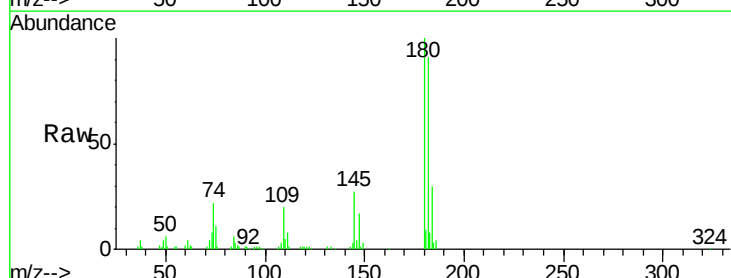
Manual Integrations
 APPROVED

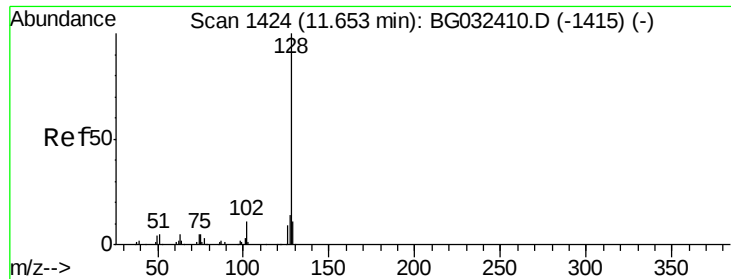
Sohil
 2/2/2018 9:57:15 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.177 ng
 RT: 11.45 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103588		
182	91.4	77.5	116.3	
145	26.8	23.4	35.2	





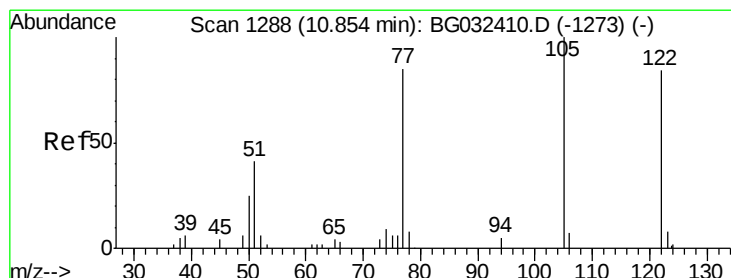
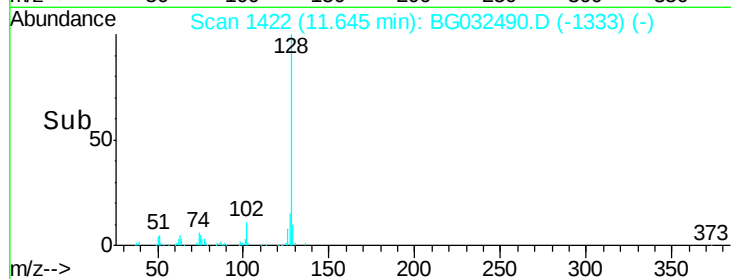
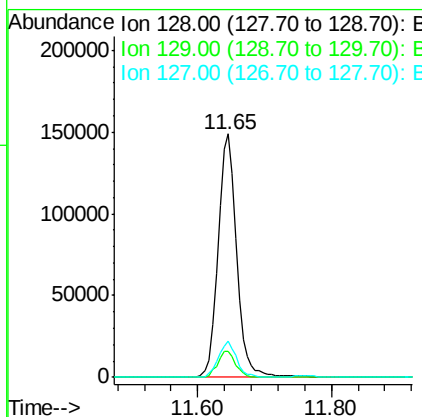
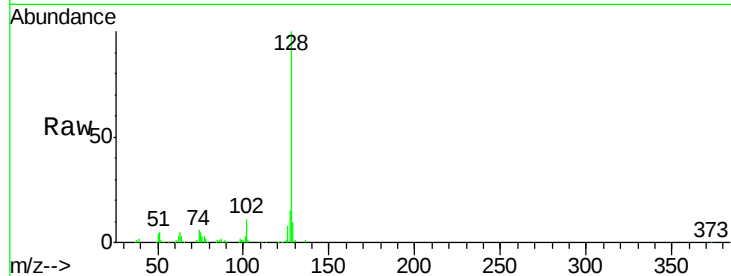
#31
Naphthalene
Concen: 57.924 ng
RT: 11.65 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	292975		
129	10.5		8.6	12.8
127	14.8		11.6	17.4

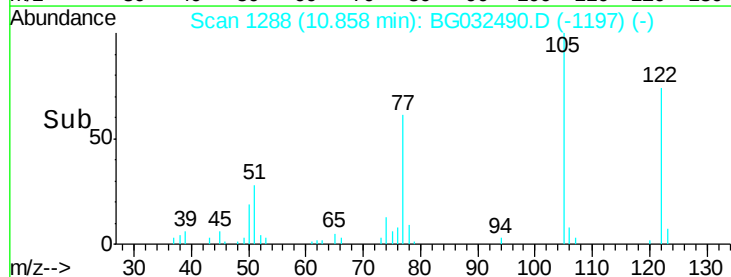
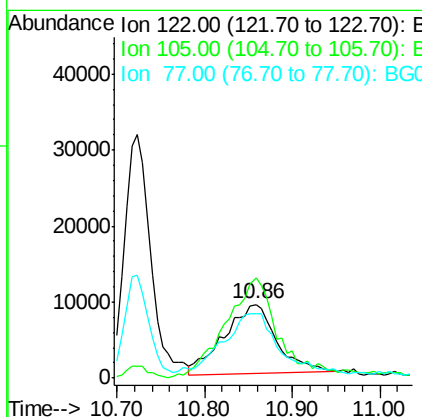
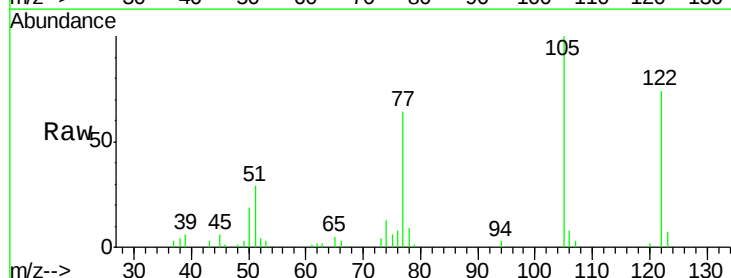
Manual Integrations
APPROVED

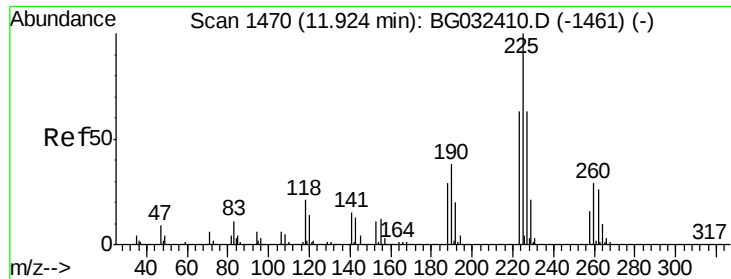
Sohil
2/2/2018 9:57:15 AM



#32
Benzoic acid
Concen: 38.066 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	37657		
105	135.7		123.5	163.5
77	87.1		85.7	125.7





#34

Hexachlorobutadiene

Concen: 42.216 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

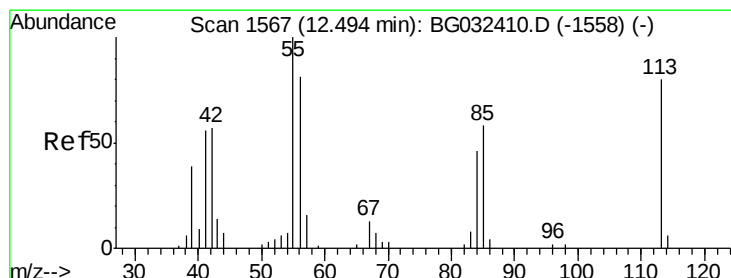
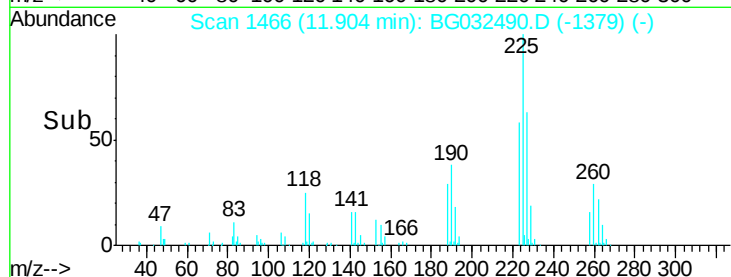
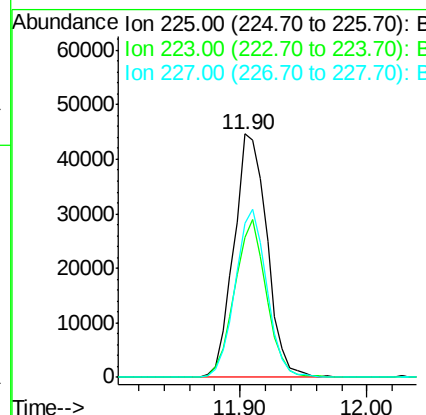
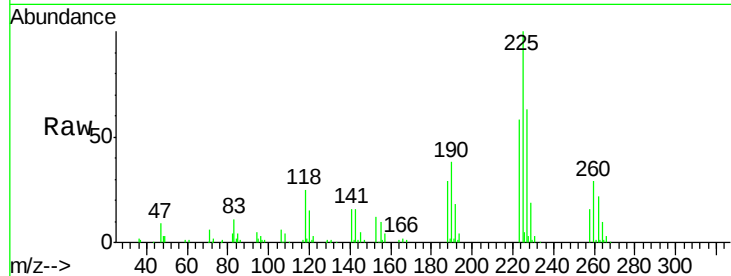
ClientSampleId :

HD-02-013118MS

Tot Ion:	225	Resp:	80669
Ion Ratio	Lower	Upper	
225	100		
223	57.7	49.7	74.5
227	63.2	48.1	72.1

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#35

Caprolactam

Concen: 39.090 ng

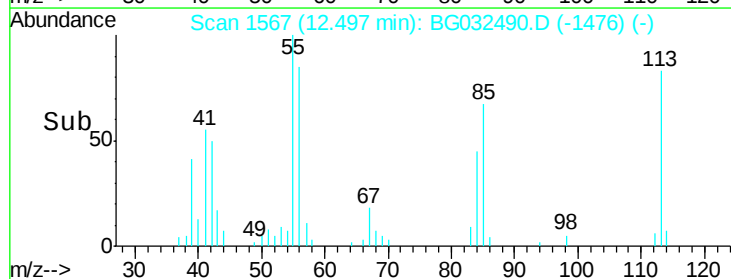
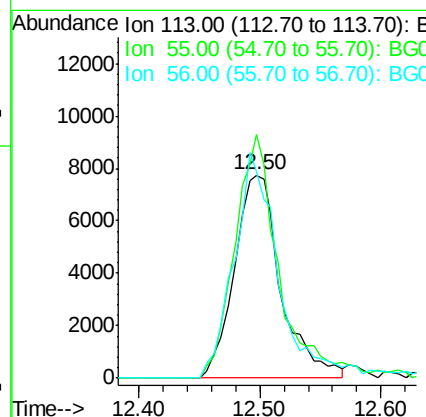
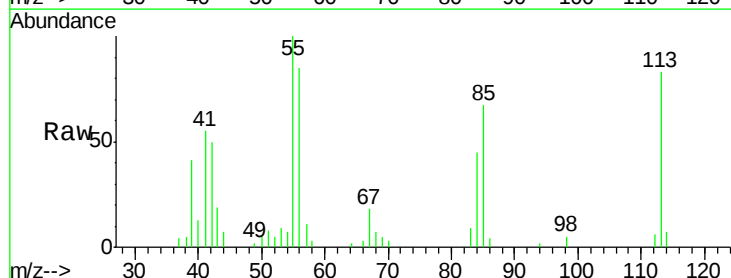
RT: 12.50 min Scan# 1567

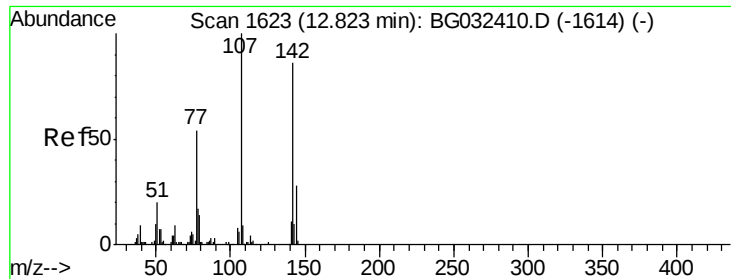
Delta R.T. 0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	113	Resp:	20679
Ion Ratio	Lower	Upper	
113	100		
55	120.1	186.9	226.9#
56	102.1	130.9	170.9#





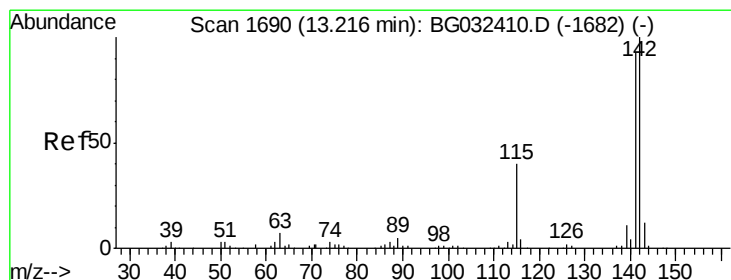
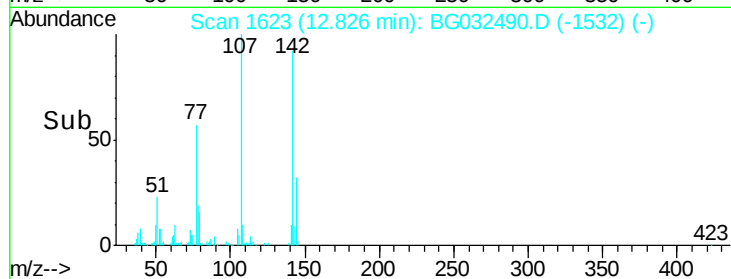
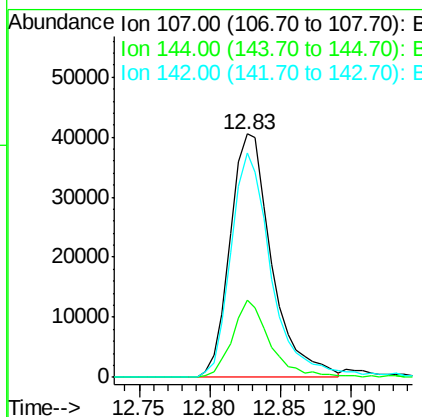
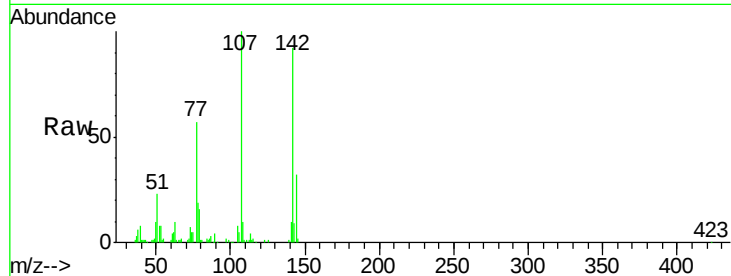
#36
4-Chloro-3-methylphenol
Concen: 47.801 ng
RT: 12.83 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	31.5	18.2	27.4#
142	92.3	59.0	88.4#

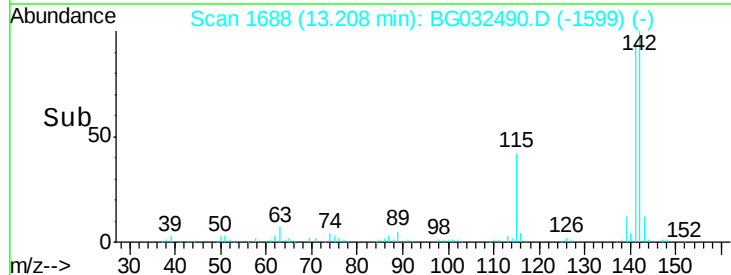
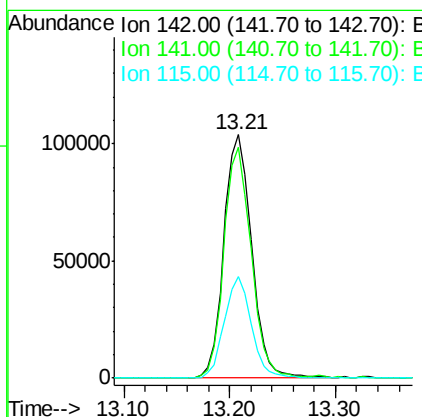
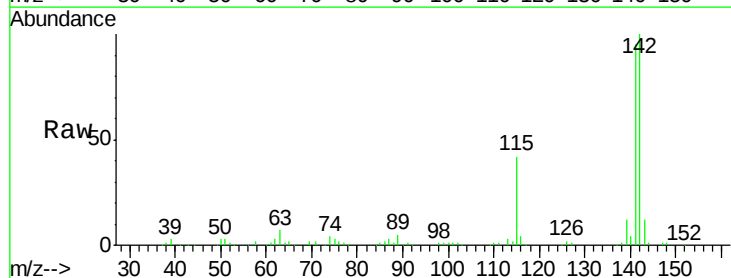
Manual Integrations
APPROVED

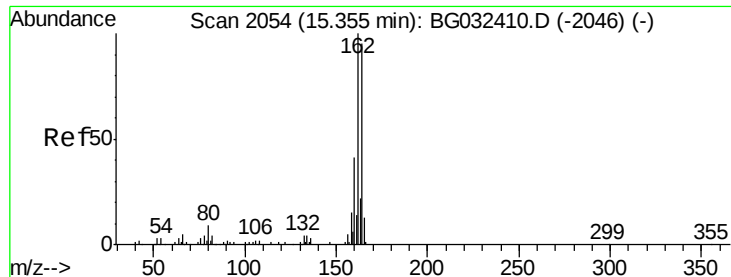
Sohil
2/2/2018 9:57:15 AM



#37
2-Methylnaphthalene
Concen: 44.737 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	67.1	100.7
115	41.8	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

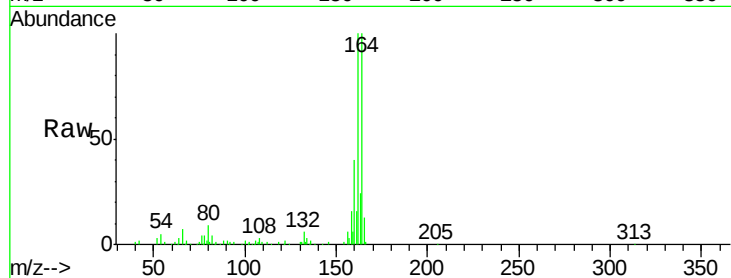
ClientSampleId :

HD-02-013118MS

Tot Ion:	164	Resp:	77053
Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	40.6	35.4	53.0

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM

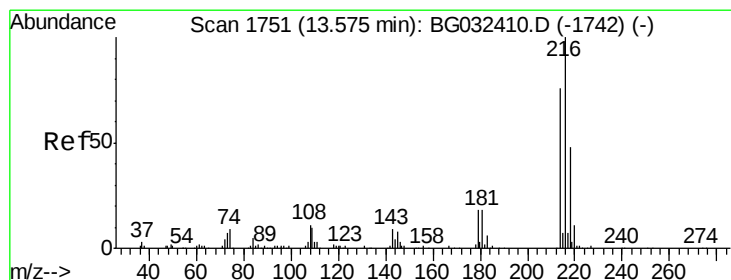
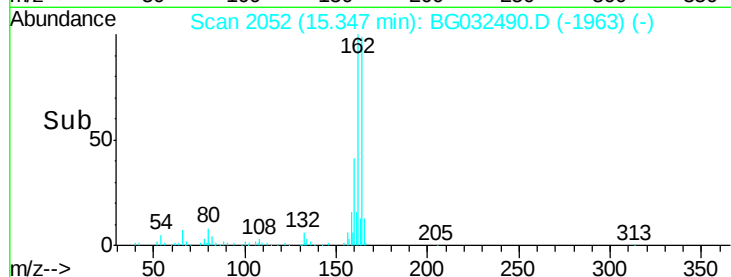
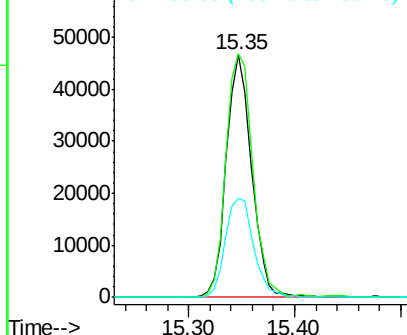


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.787 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	216	Resp:	147029
Ion	Ratio	Lower	Upper
216	100		
214	75.3	63.0	94.4
179	18.6	17.0	25.6
108	13.3	12.8	19.2

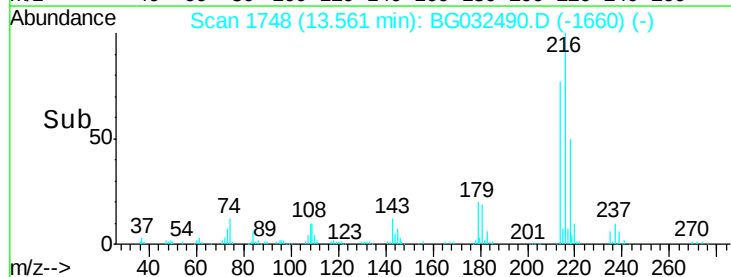
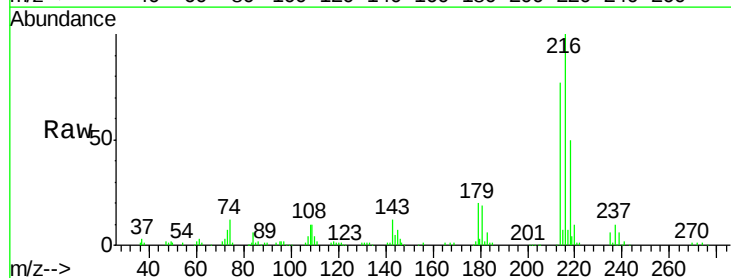
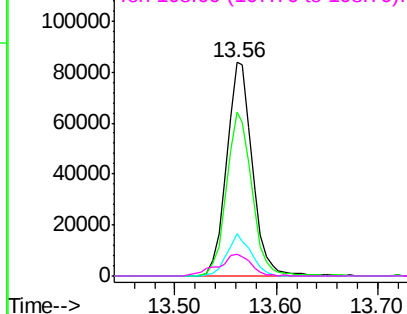
Abundance

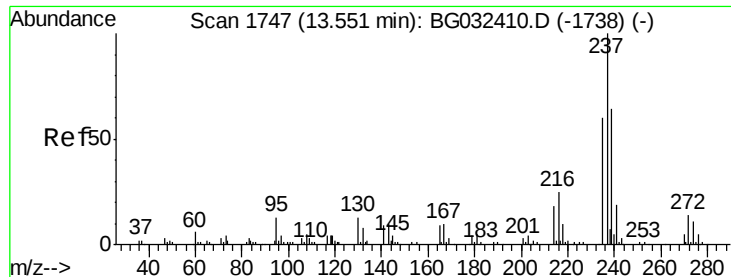
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





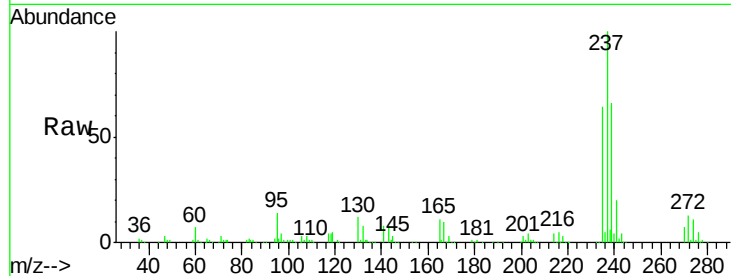
#40
Hexachlorocyclopentadiene
Concen: 87.680 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	197480		
235	64.4	50.4	90.4	
272	13.0	0.0	31.8	

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM

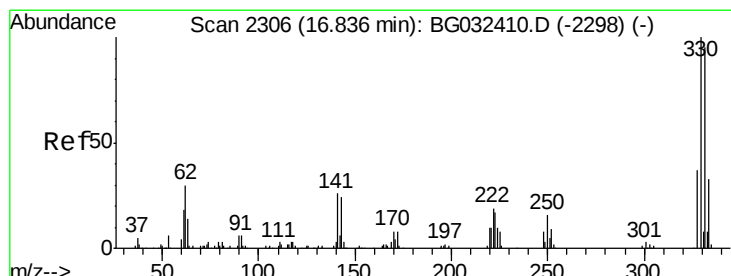
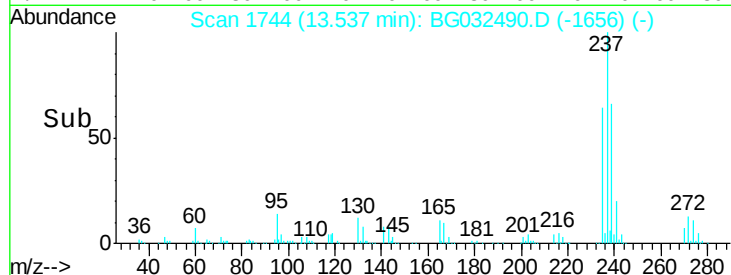
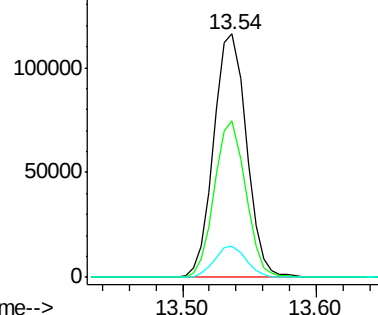


Abundance

Ion 236.80 (236.50 to 237.50): E

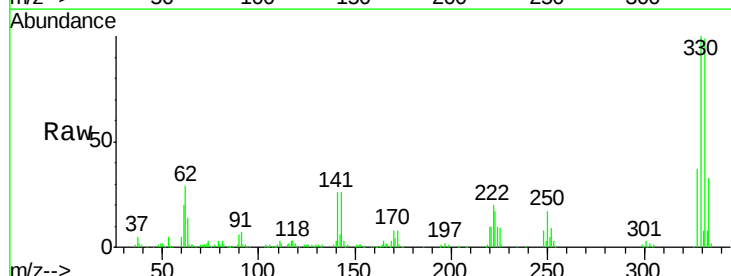
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41
2,4,6-Tribromophenol
Concen: 150.314 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	220466		
332	97.9	77.0	115.6	
141	28.2	25.2	37.8	

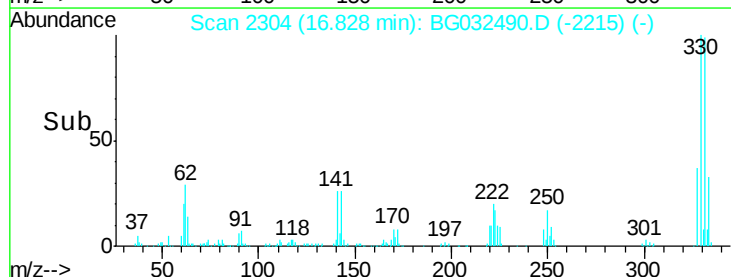
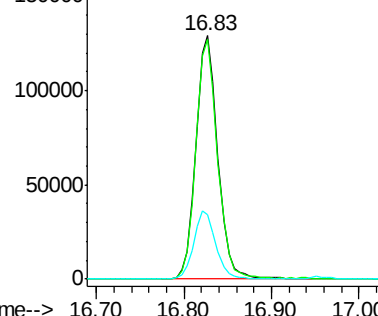


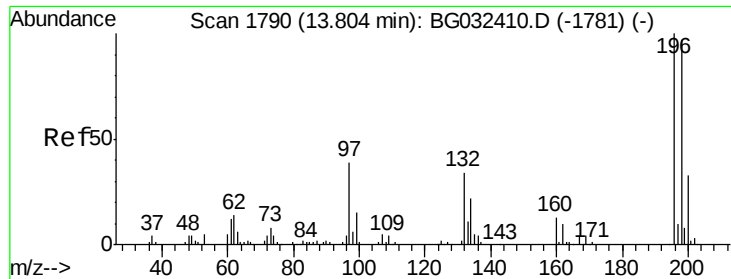
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





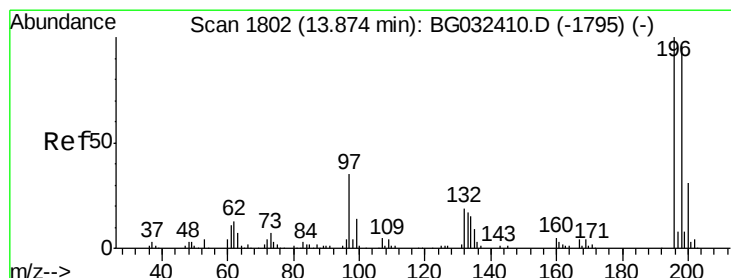
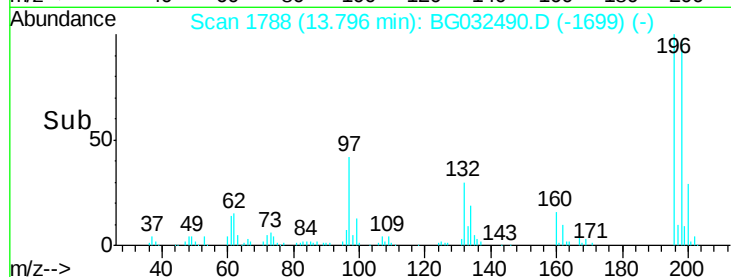
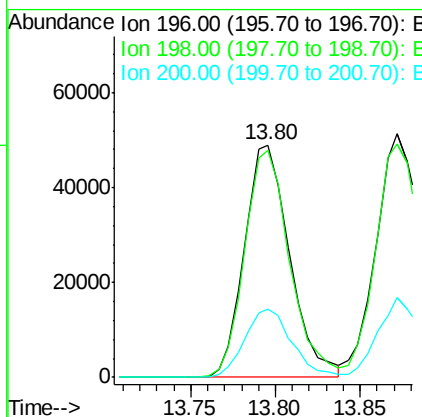
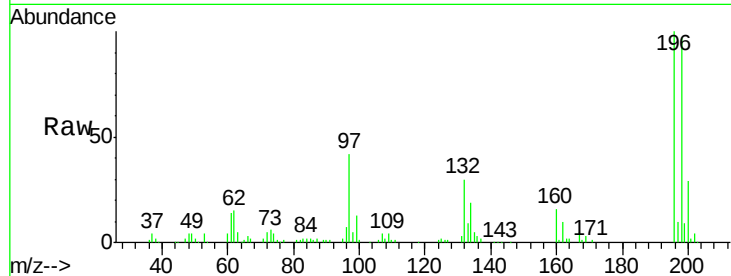
#42
 2,4,6-Trichlorophenol
 Concen: 46.558 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	91290		
198	97.3	78.2	117.2	
200	29.1	24.6	36.8	

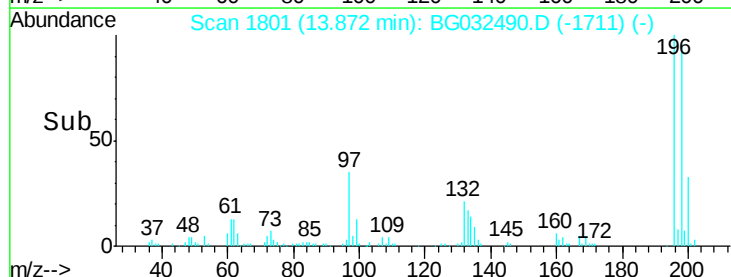
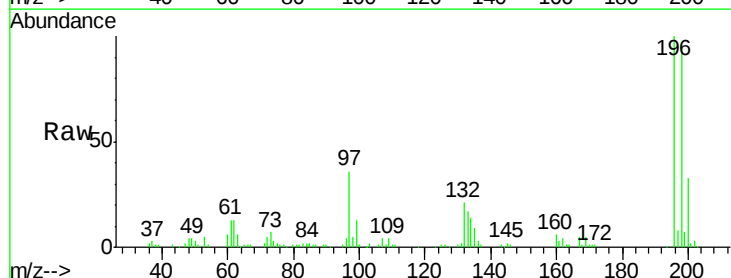
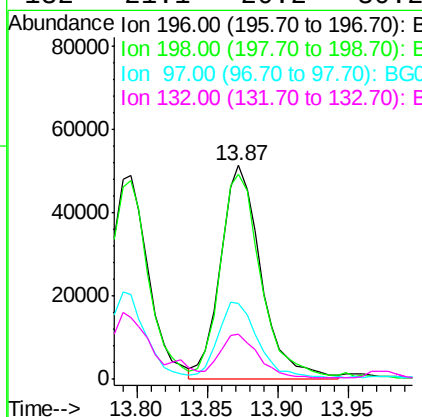
Manual Integrations
 APPROVED

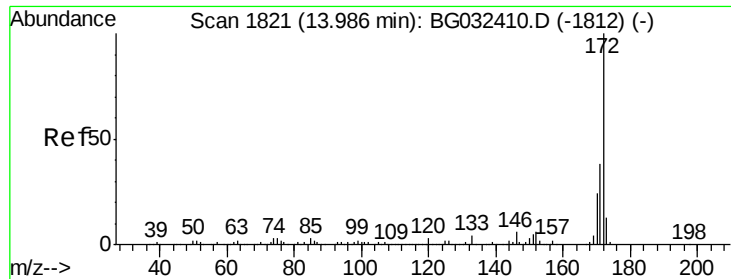
Sohil
 2/2/2018 9:57:15 AM



#43
 2,4,5-Trichlorophenol
 Concen: 44.771 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	102334		
198	96.1	76.2	114.4	
97	35.6	38.7	58.1	
132	21.1	20.2	30.2	





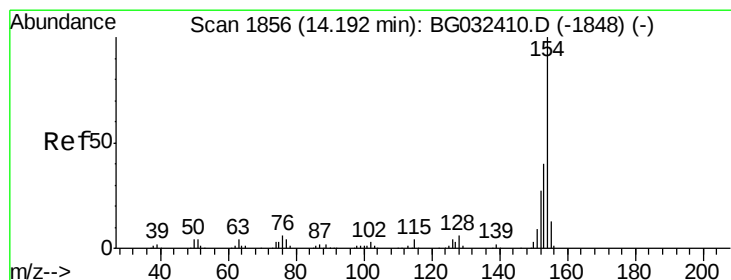
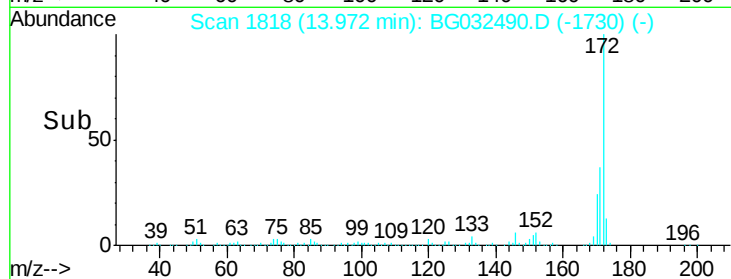
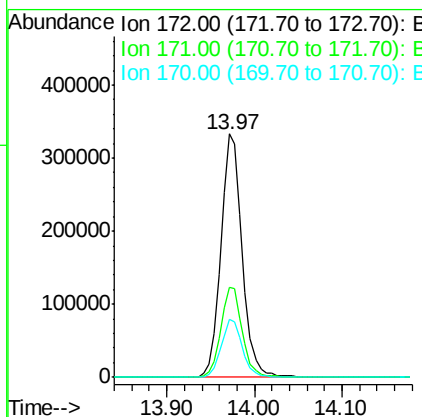
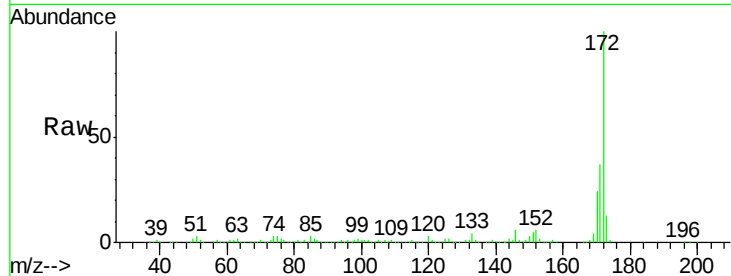
#44
 2-Fluorobiphenyl
 Concen: 86.099 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.0	19.5	29.3

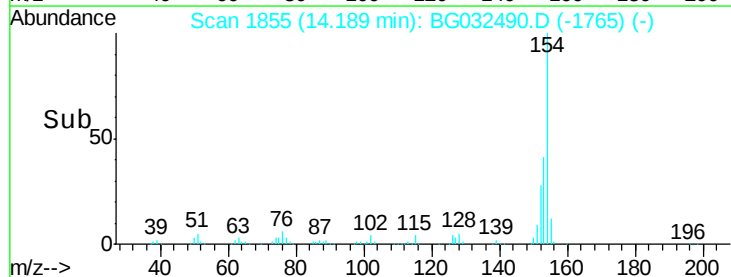
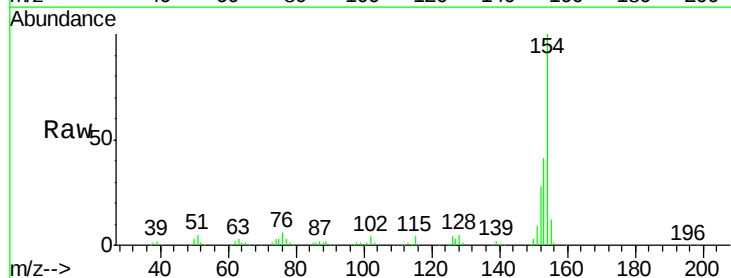
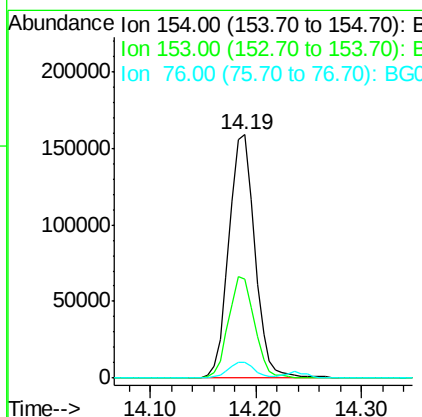
Manual Integrations
 APPROVED

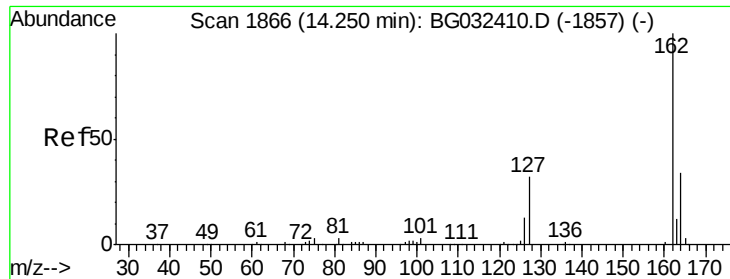
Sohil
 2/2/2018 9:57:15 AM



#45
 1,1'-Biphenyl
 Concen: 41.506 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.8	59.8
76	6.3	0.0	31.9





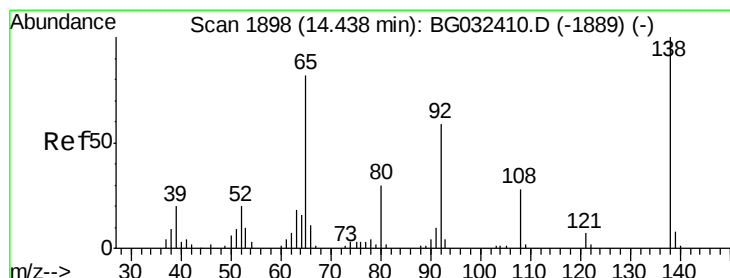
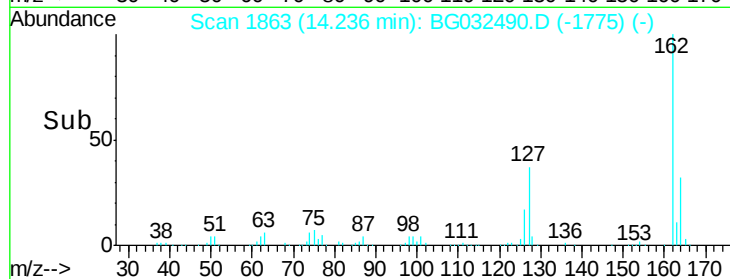
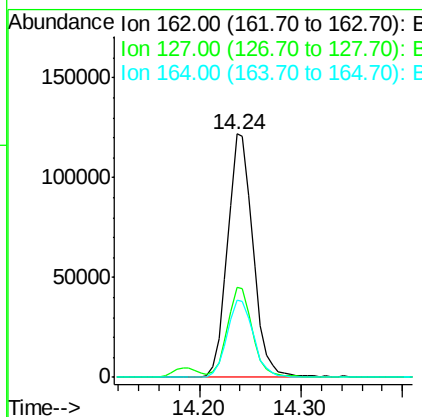
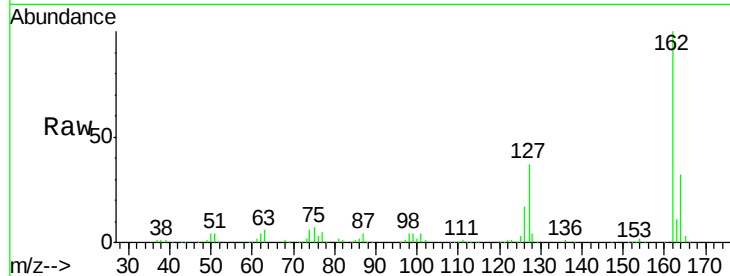
#46
2-Chloronaphthalene
Concen: 41.866 ng
RT: 14.24 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.7	46.1
164	31.8	26.0	39.0

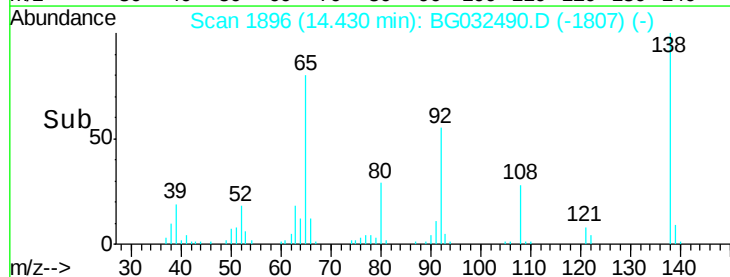
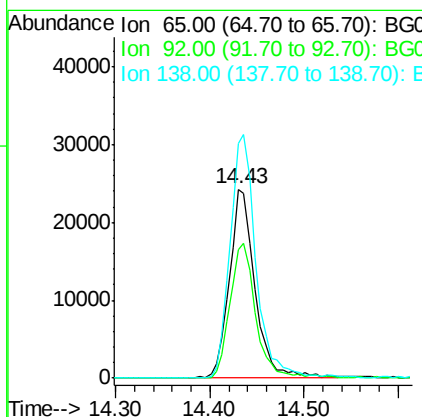
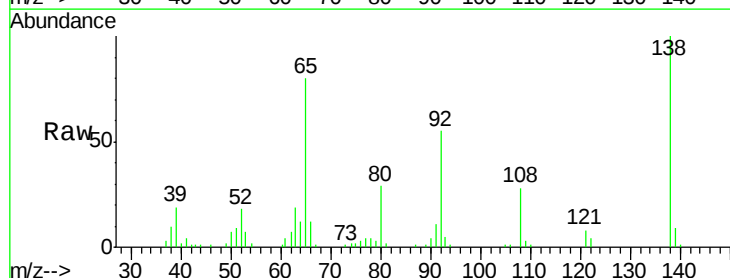
Manual Integrations
APPROVED

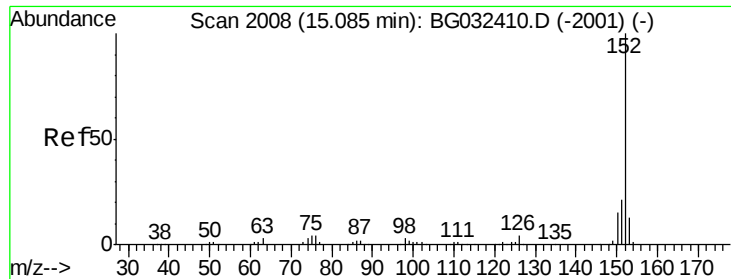
Sohil
2/2/2018 9:57:15 AM



#47
2-Nitroaniline
Concen: 40.811 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.6	82.0
138	124.4	72.9	109.3





#48

Acenaphthylene

Concen: 41.285 ng

RT: 15.08 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

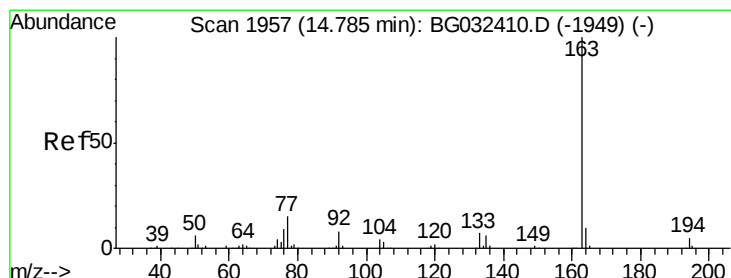
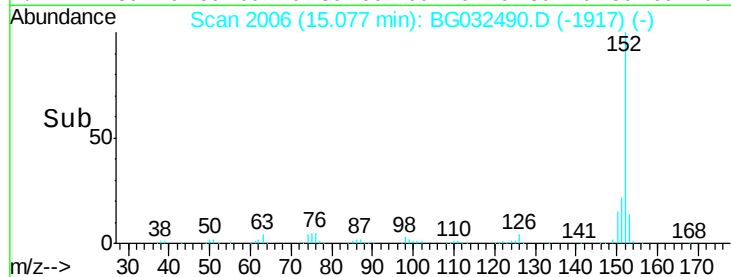
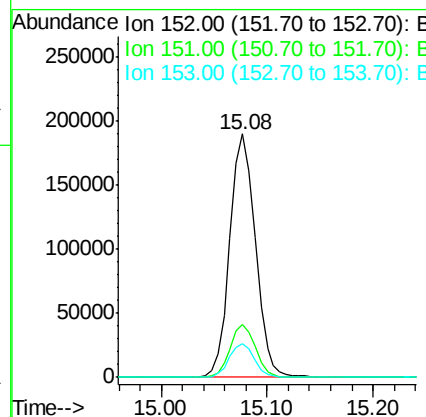
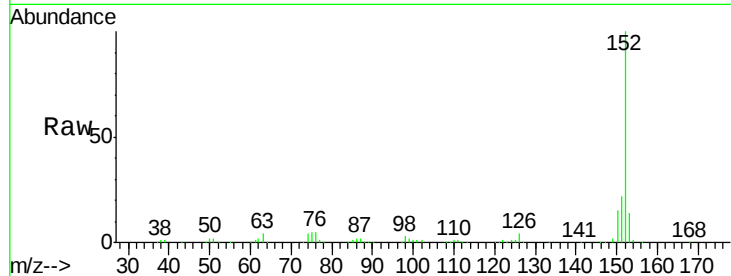
ClientSampleId :

HD-02-013118MS

Tot Ion:	152	Resp:	318449
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.2	25.8
153	14.0	10.2	15.4

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#49

Dimethylphthalate

Concen: 43.203 ng

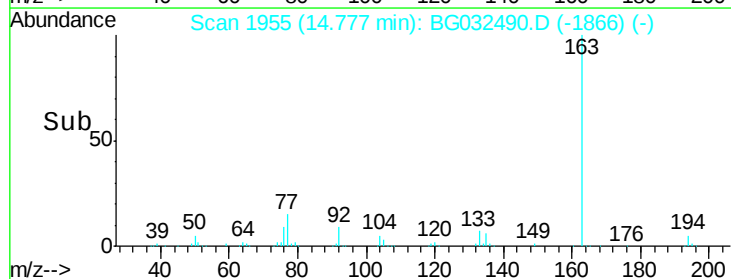
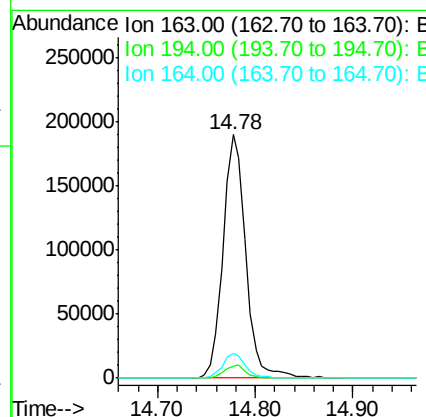
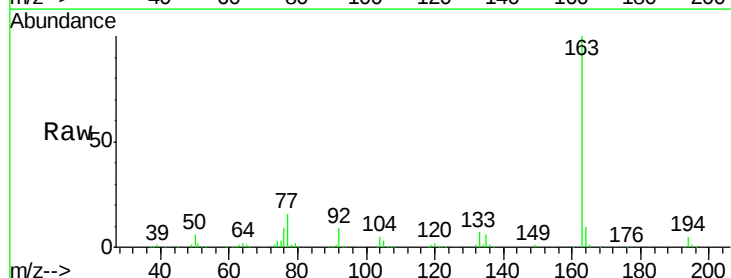
RT: 14.78 min Scan# 1955

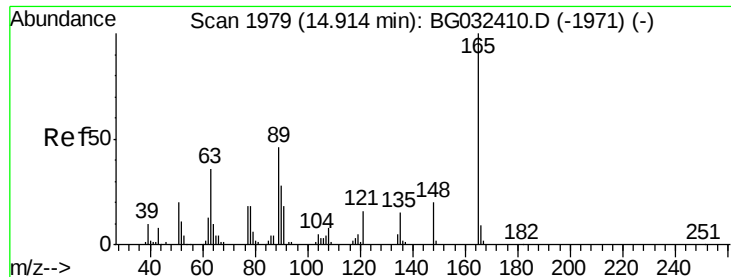
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	163	Resp:	306939
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.4	5.2
164	10.1	8.2	12.4





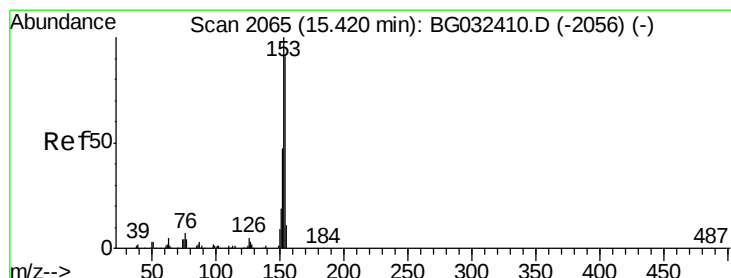
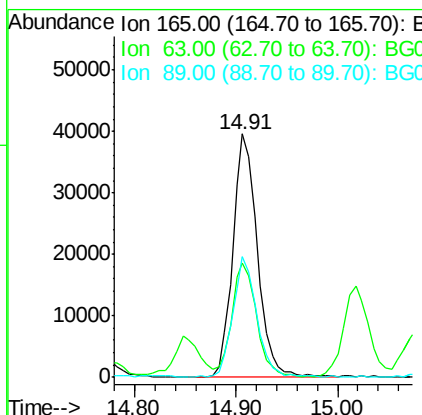
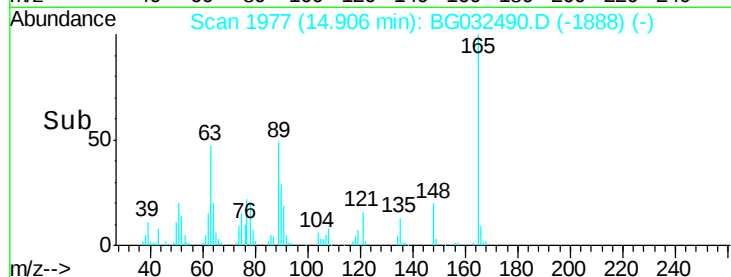
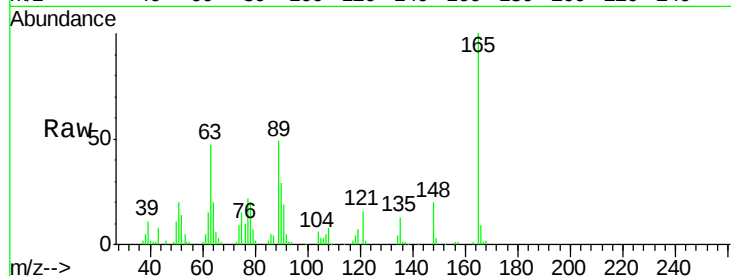
#50
 2,6-Dinitrotoluene
 Concen: 44.500 ng
 RT: 14.91 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	52.7	79.1#
89	49.5	49.2	73.8

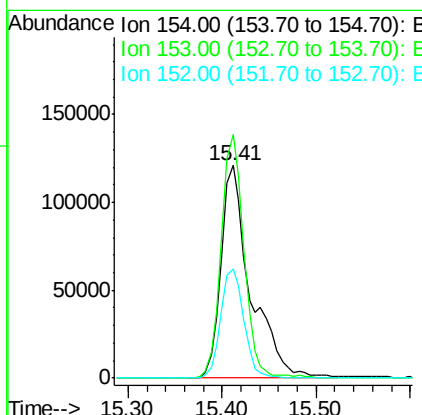
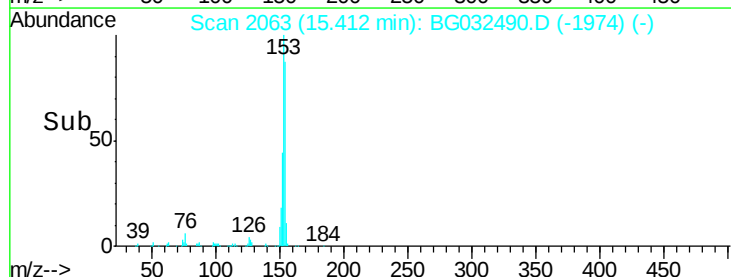
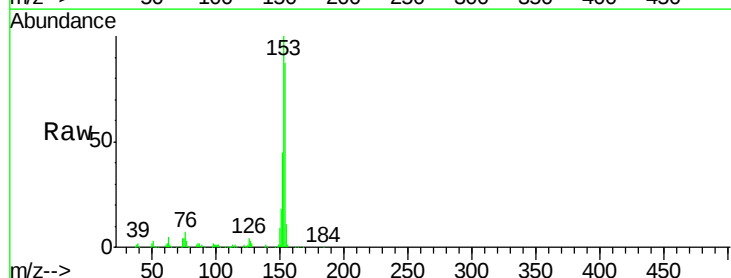
Manual Integrations
 APPROVED

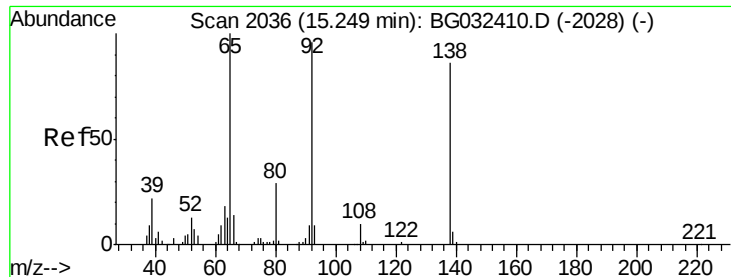
Sohil
 2/2/2018 9:57:15 AM



#51
 Acenaphthene
 Concen: 49.338 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.4	135.6
152	51.1	41.6	62.4





#52

3-Nitroaniline

Concen: 3.899 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

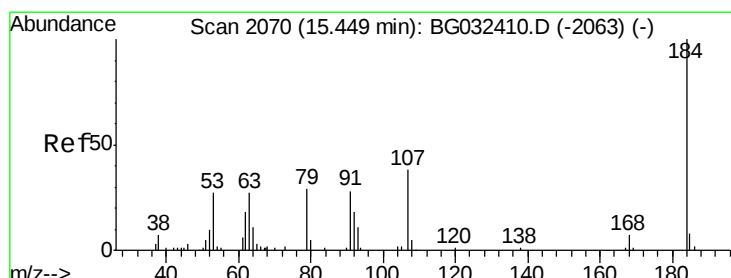
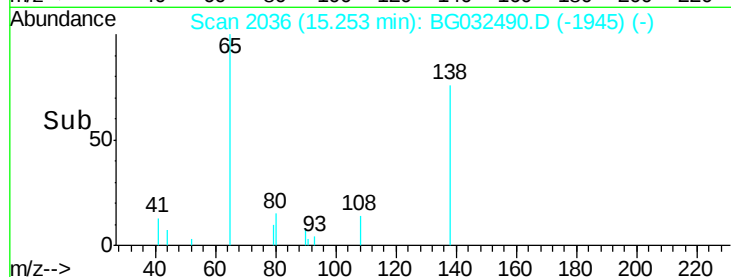
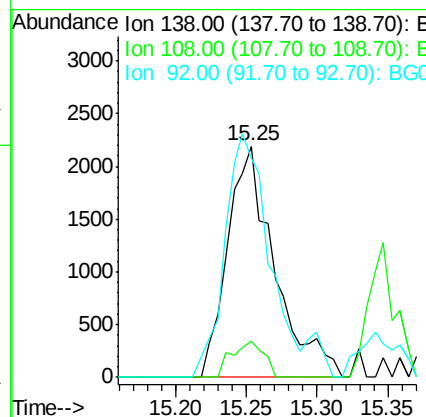
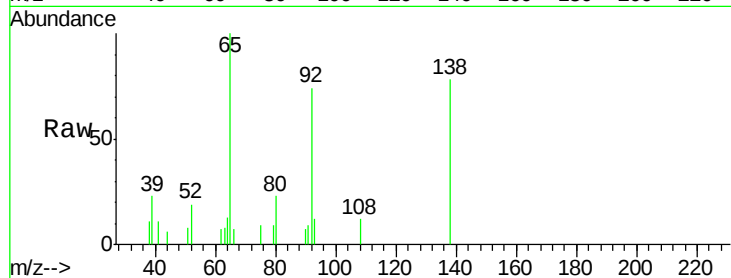
ClientSampleId :

HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.5	17.5	26.3#
92	94.8	105.8	158.8#

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#53

2,4-Dinitrophenol

Concen: 96.050 ng

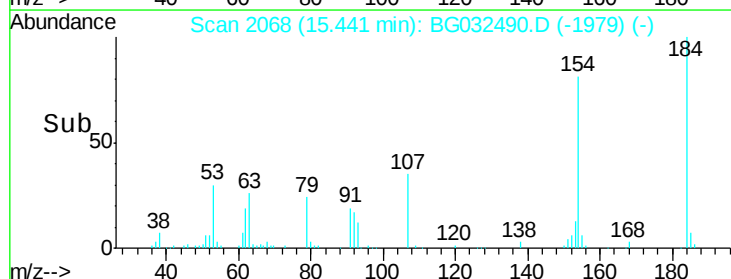
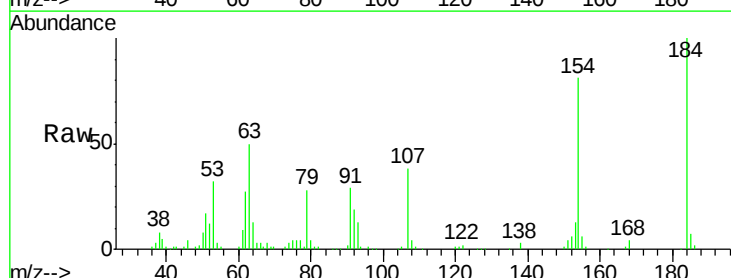
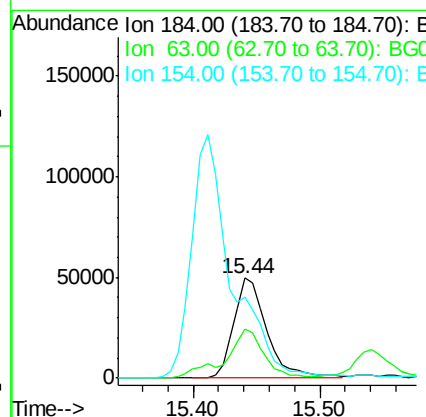
RT: 15.44 min Scan# 2068

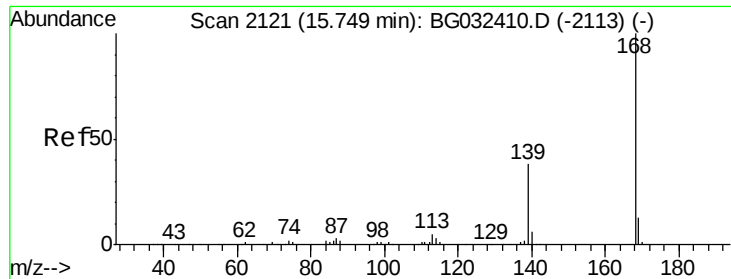
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.6	59.8	89.8#
154	80.9	101.8	152.8#





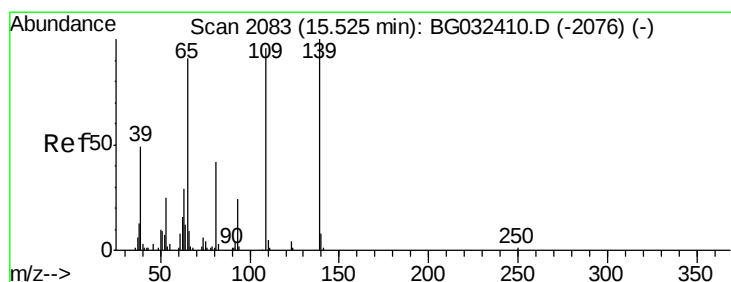
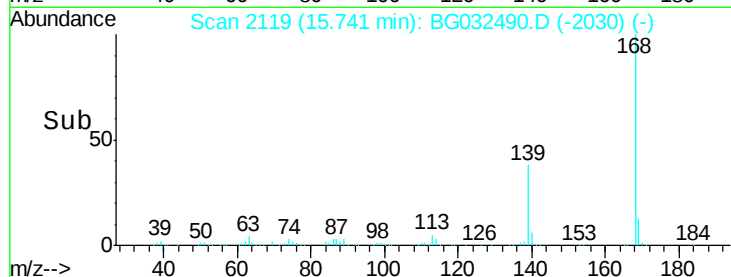
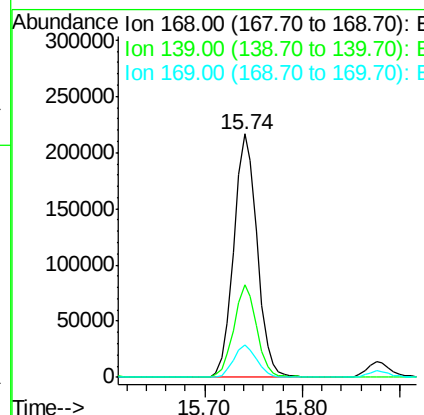
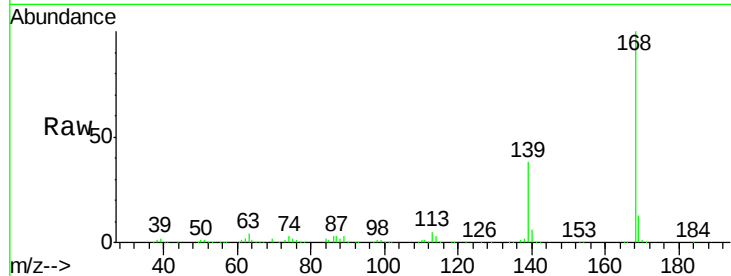
#54
Dibenzenofuran
Concen: 45.464 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	28.6	43.0
169	13.1	11.2	16.8

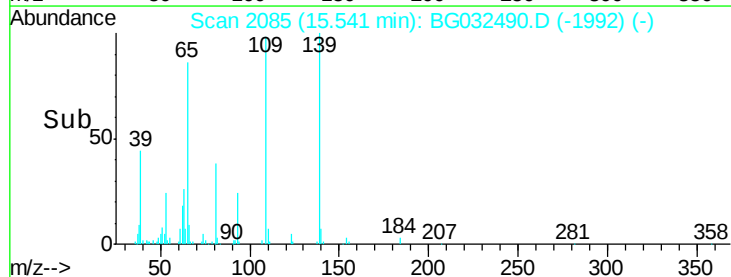
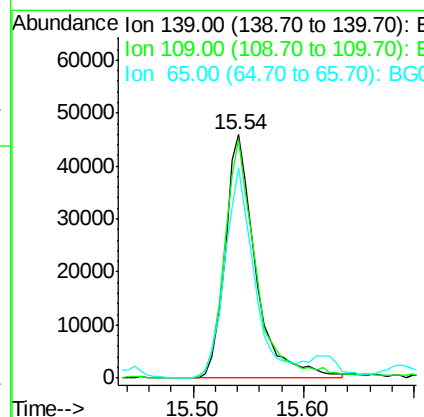
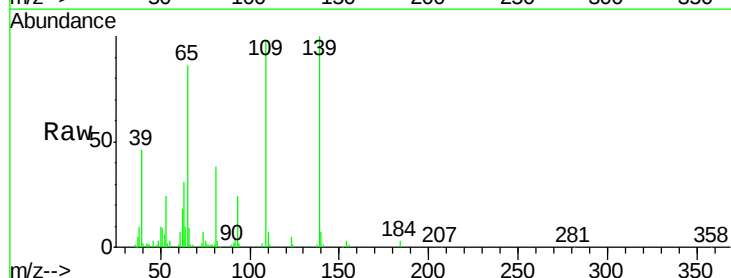
Manual Integrations
APPROVED

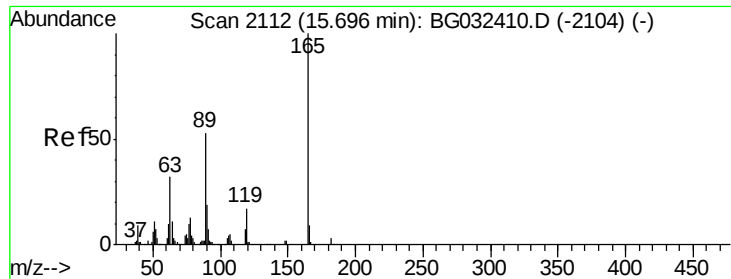
Sohil
2/2/2018 9:57:15 AM



#55
4-Nitrophenol
Concen: 90.455 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.02 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.0	62.2	102.2
65	86.4	97.2	137.2#





#56

2,4-Dinitrotoluene

Concen: 46.633 ng

RT: 15.69 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

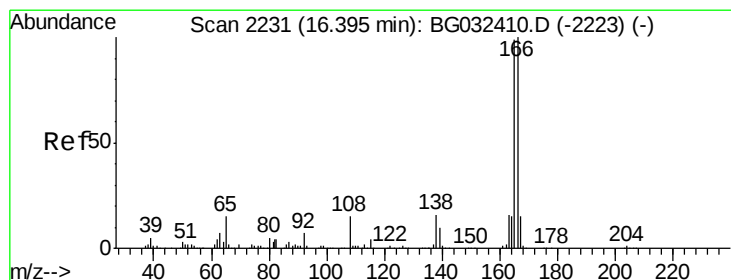
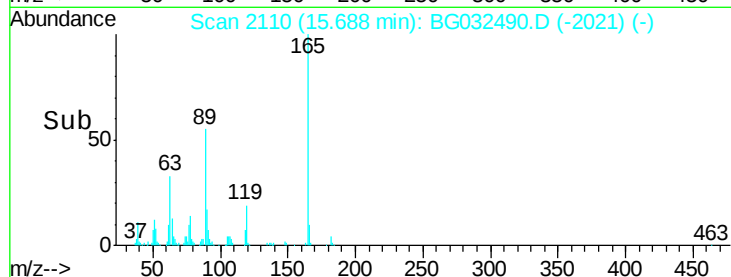
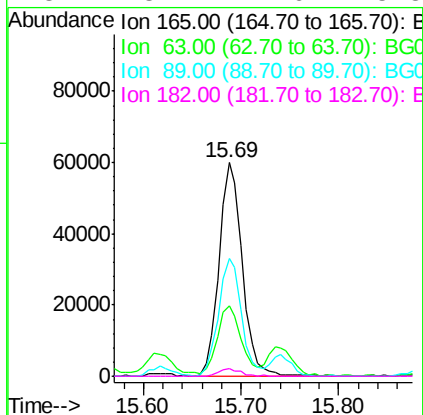
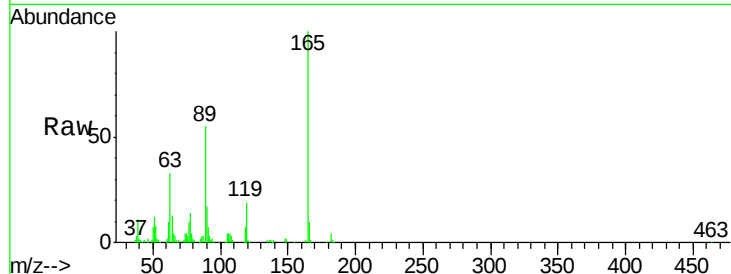
ClientSampleId :

HD-02-013118MS

Tot Ion	165	Resp	99008
Ion Ratio	Lower	Upper	
165	100		
63	33.1	42.0	63.0#
89	55.3	66.9	100.3#
182	3.7	2.6	3.8

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#57

Fluorene

Concen: 44.156 ng

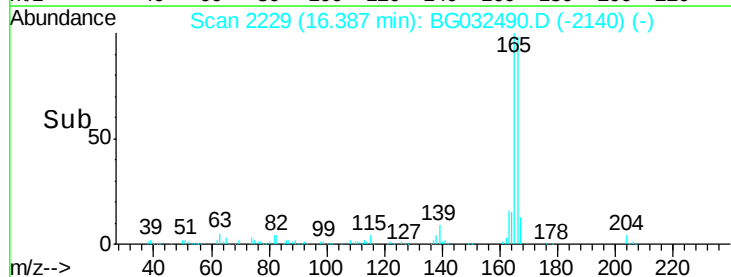
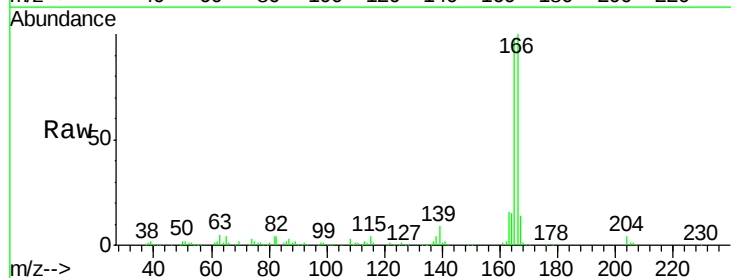
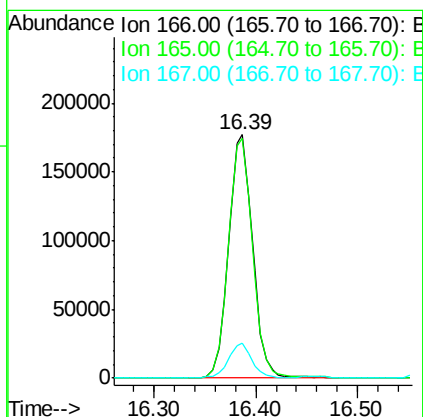
RT: 16.39 min Scan# 2229

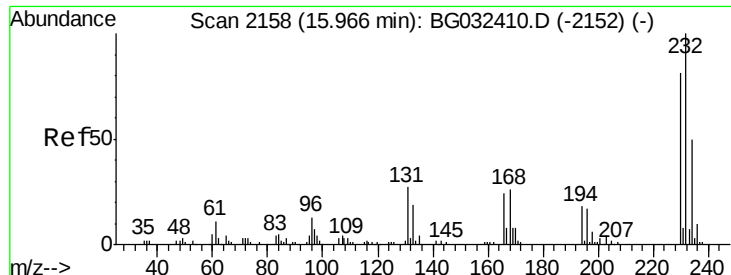
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion	166	Resp	290521
Ion Ratio	Lower	Upper	
166	100		
165	98.2	80.6	121.0
167	14.3	10.4	15.6





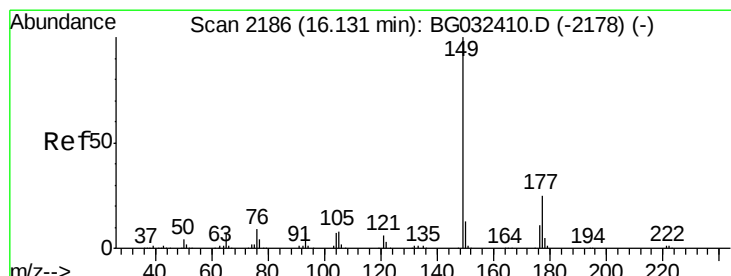
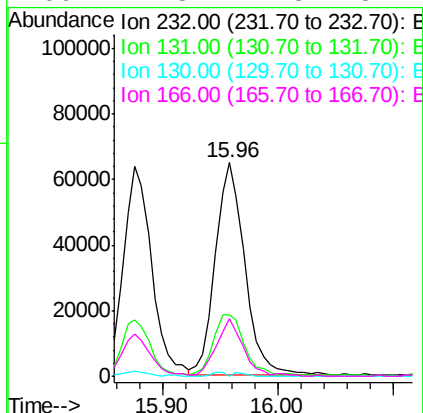
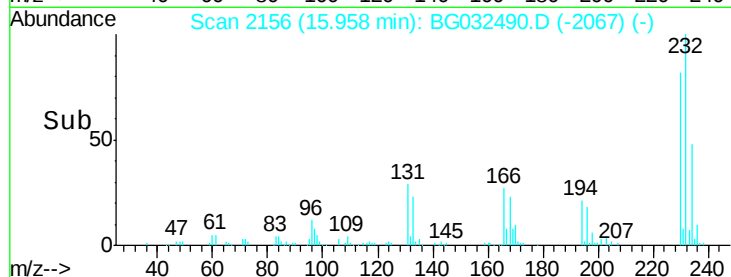
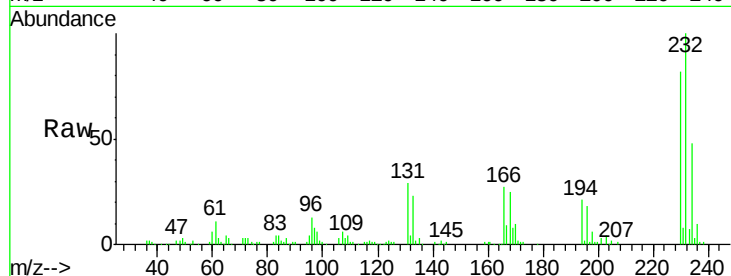
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.687 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	29.9	33.5	50.3#
130	0.8	2.2	3.2#
166	24.8	24.8	37.2#

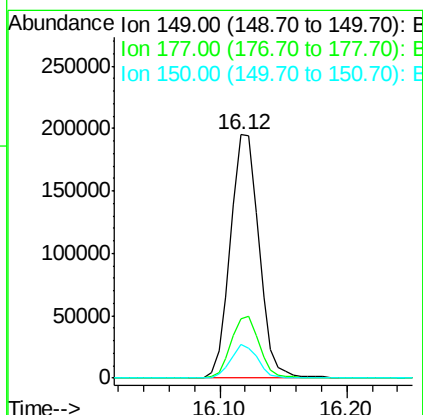
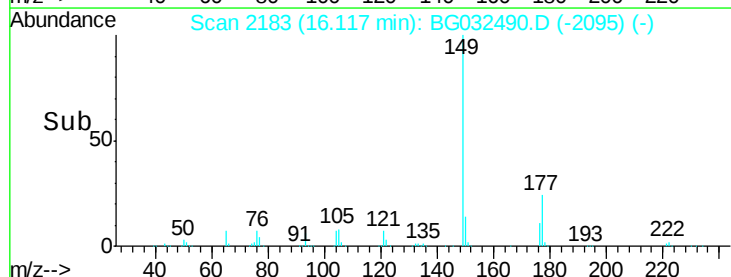
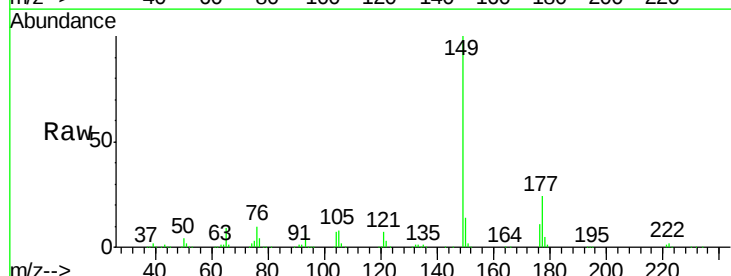
Manual Integrations
 APPROVED

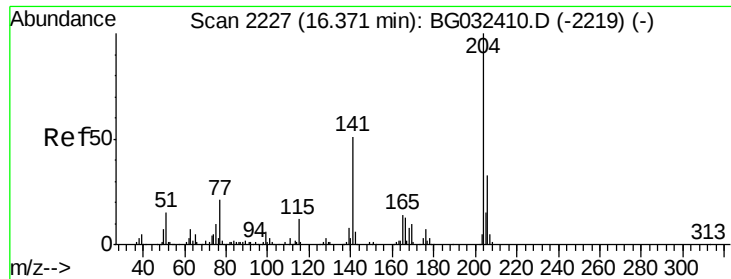
Sohil
 2/2/2018 9:57:15 AM



#59
 Diethylphthalate
 Concen: 44.017 ng
 RT: 16.12 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.5	27.7
150	13.9	10.2	15.2





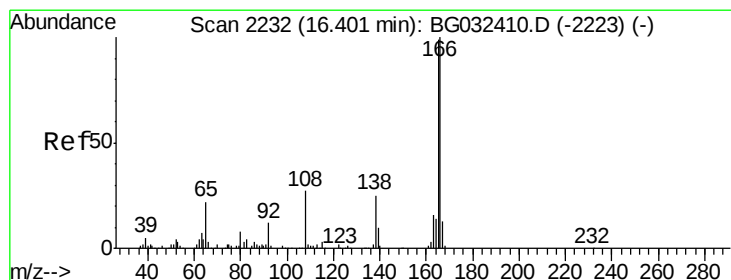
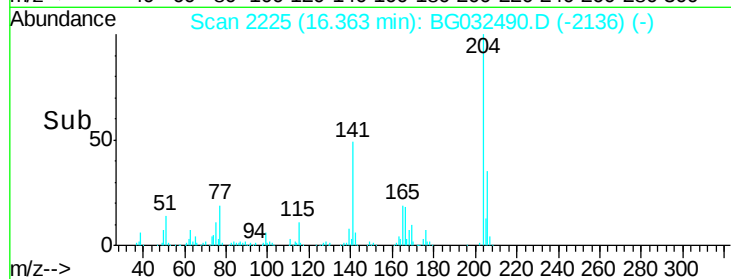
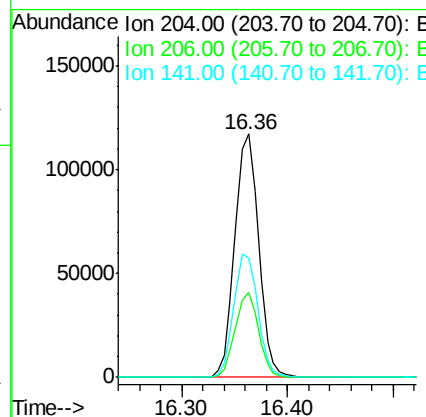
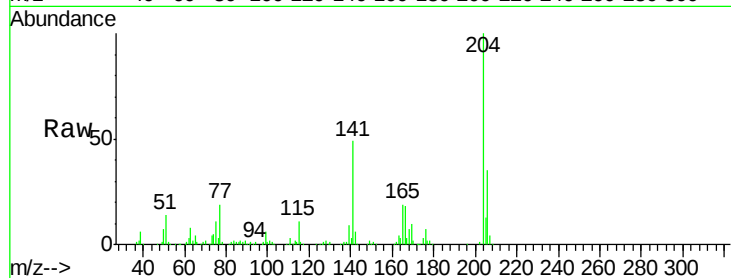
#60
4-Chlorophenyl-phenylether
Concen: 43.977 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.2	39.2
141	48.8	45.8	68.6

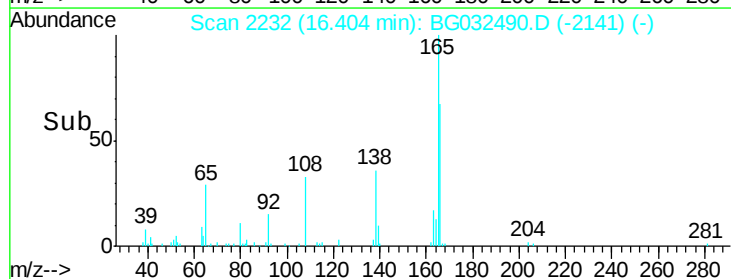
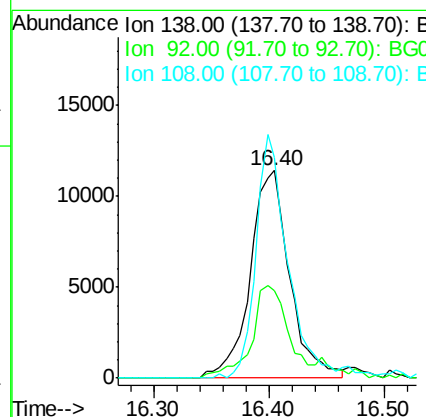
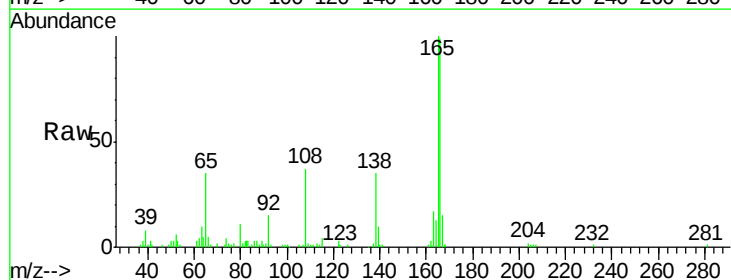
Manual Integrations
APPROVED

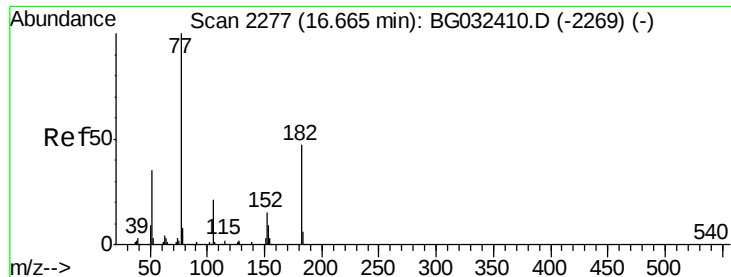
Sohil
2/2/2018 9:57:15 AM



#61
4-Nitroaniline
Concen: 19.551 ng
RT: 16.40 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.2	40.1	80.1
108	106.2	65.4	105.4#





#62

Azobenzene

Concen: 43.607 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

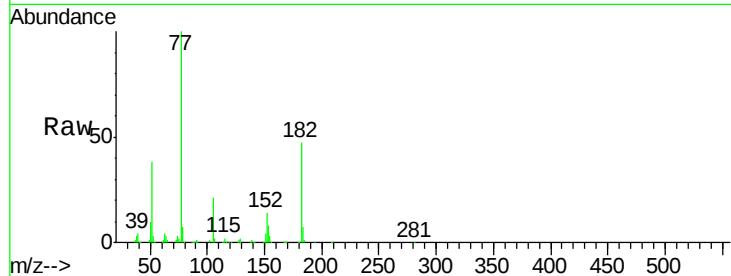
ClientSampleId :

HD-02-013118MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	47.1	7.4	47.4	
105	21.3	0.3	40.3	
51	37.6	11.6	51.6	

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM

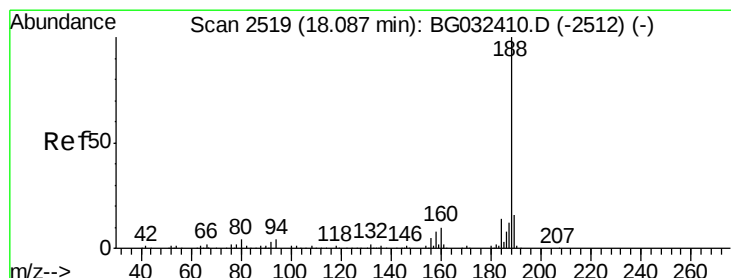
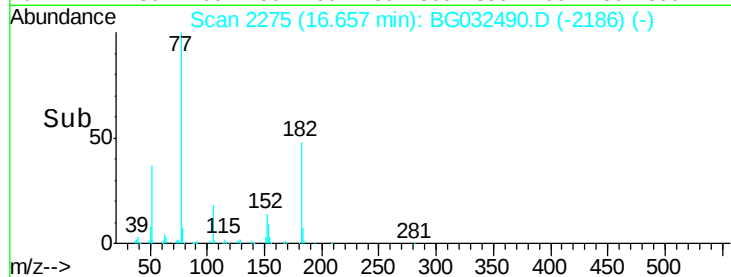
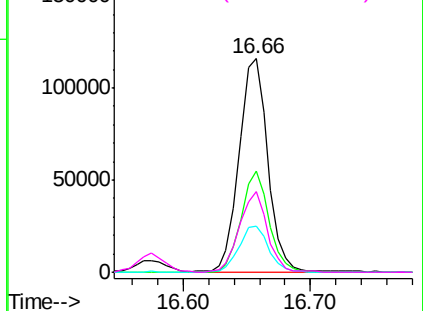


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

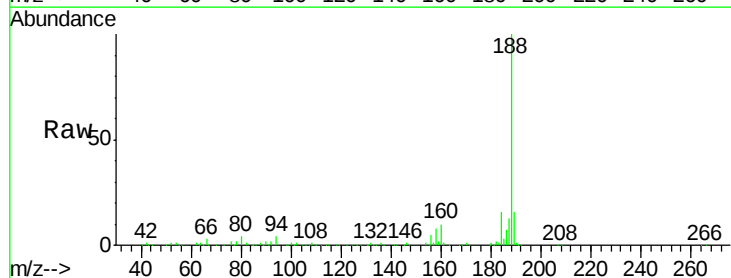
RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

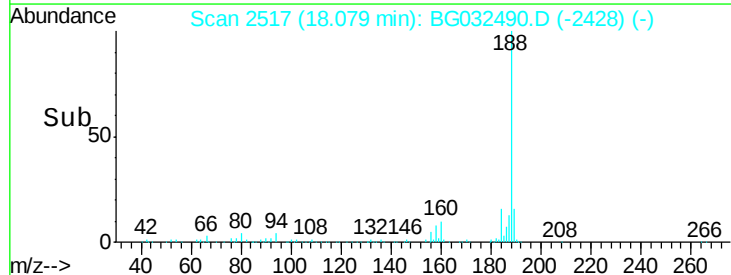
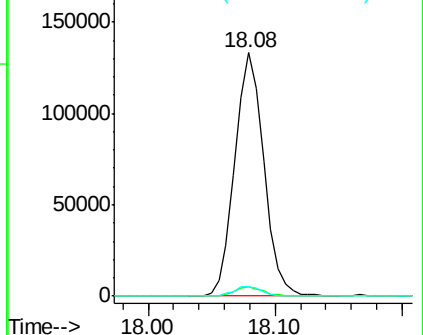
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	3.7	6.9	10.3#	
80	4.1	7.7	11.5#	

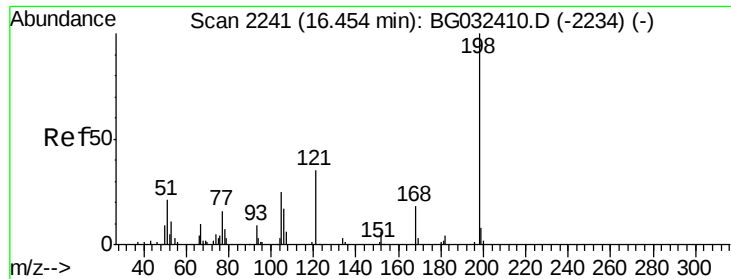


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 40.304 ng

RT: 16.45 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

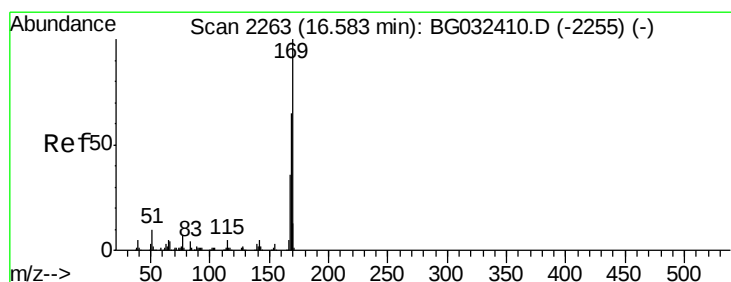
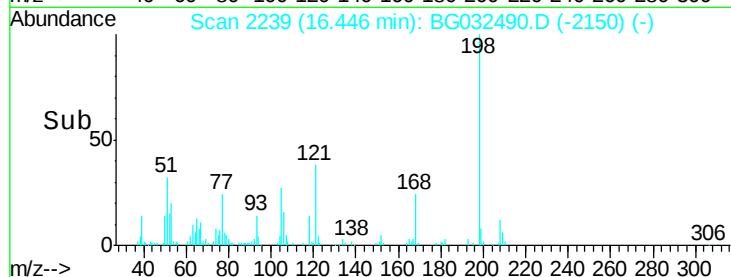
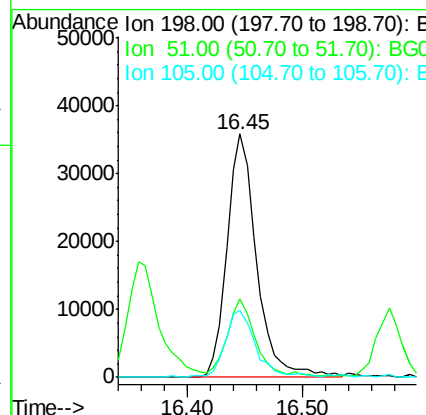
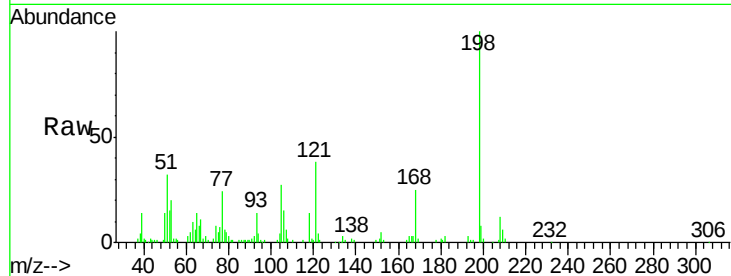
ClientSampleId :

HD-02-013118MS

Tot Ion:	198	Resp:	63606
Ion Ratio	Lower	Upper	
198	100		
51	32.1	30.6	70.6
105	27.3	23.8	63.8

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#65

n-Nitrosodiphenylamine

Concen: 22.779 ng

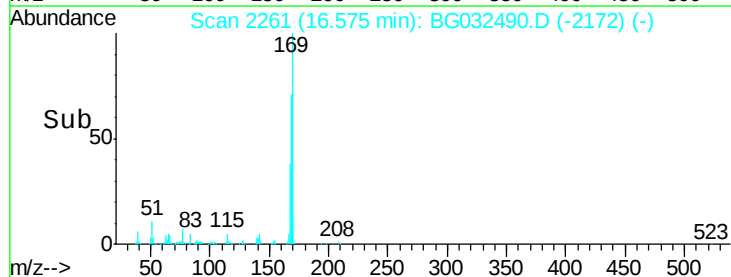
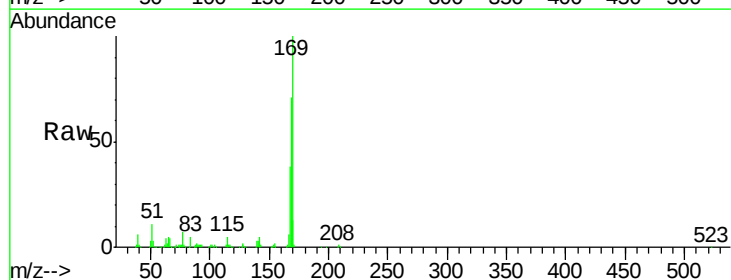
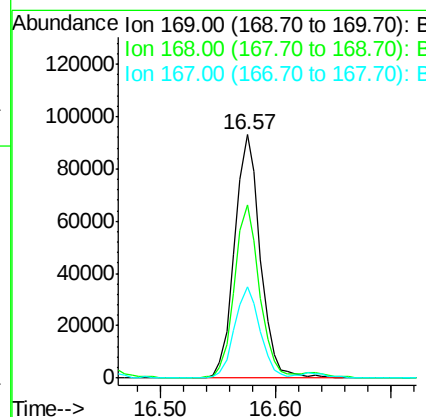
RT: 16.57 min Scan# 2261

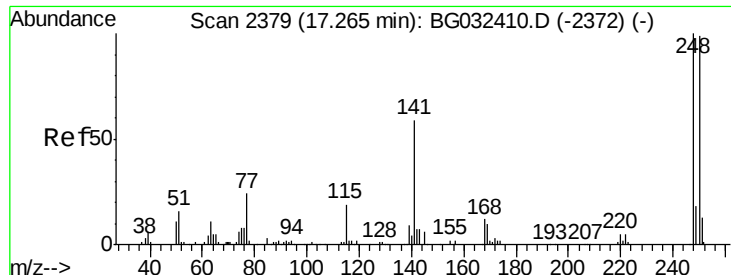
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	169	Resp:	143609
Ion Ratio	Lower	Upper	
169	100		
168	71.1	55.7	83.5
167	37.7	30.1	45.1





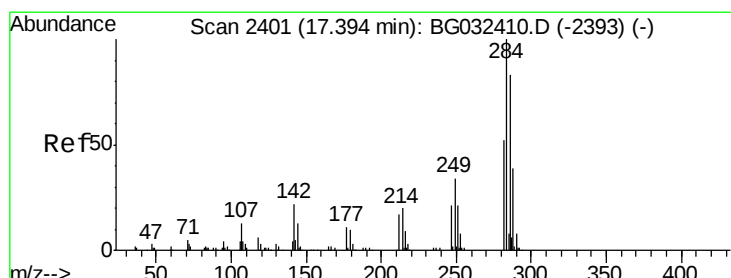
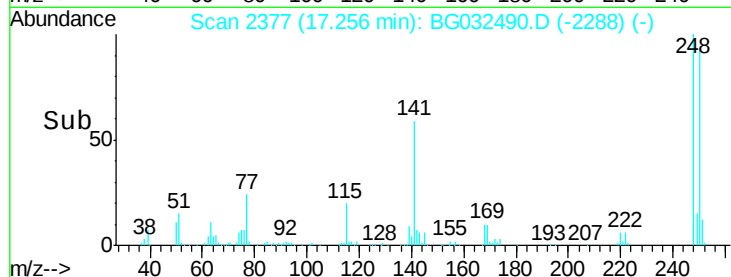
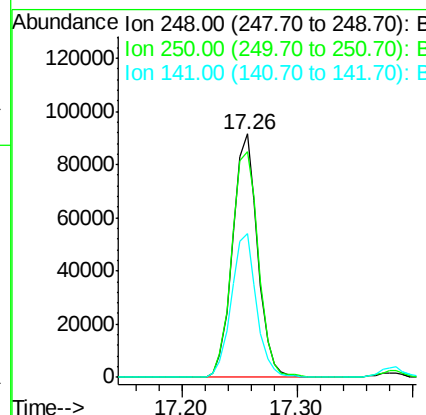
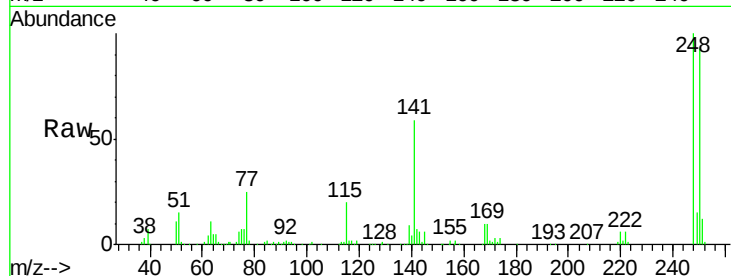
#66
4-Bromophenyl-phenylether
Concen: 43.665 ng
RT: 17.26 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.6	77.1	115.7
141	59.1	50.8	76.2

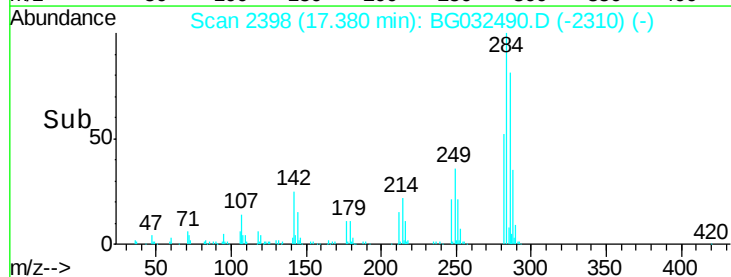
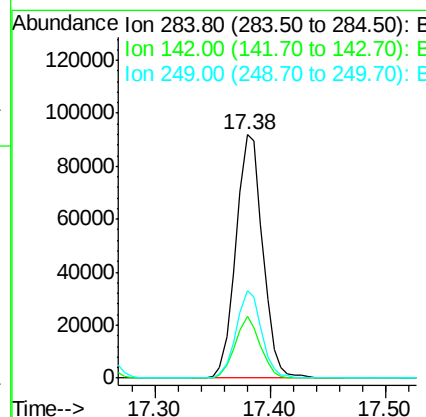
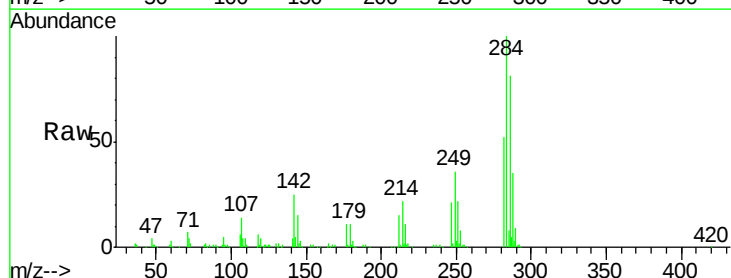
Manual Integrations
APPROVED

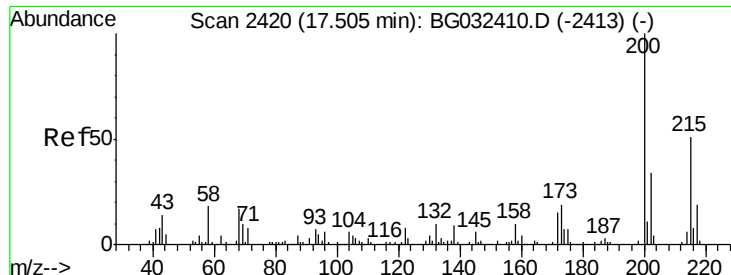
Sohil
2/2/2018 9:57:15 AM



#67
Hexachlorobenzene
Concen: 42.674 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	26.8	40.2#
249	36.2	26.3	39.5





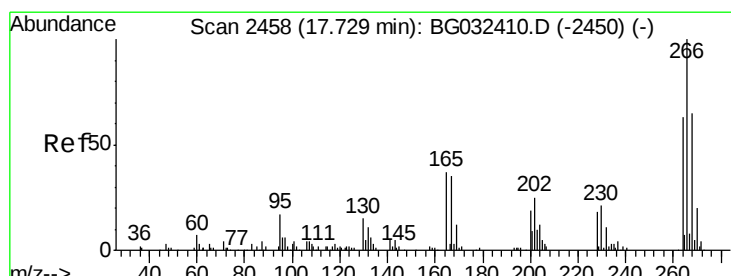
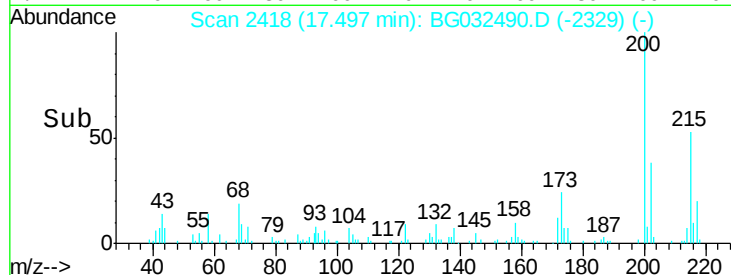
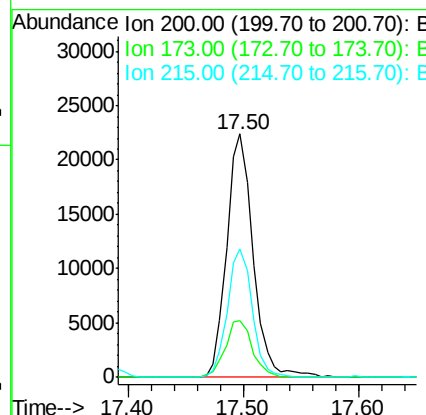
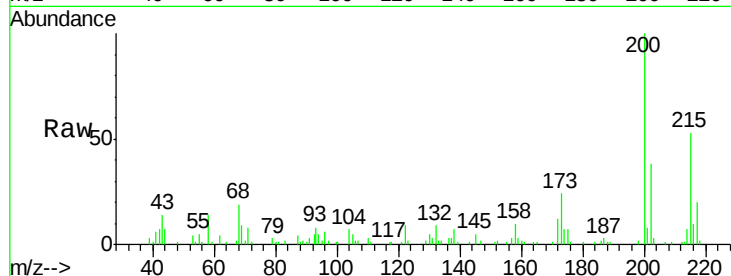
#68
 Atrazine
 Concen: 13.087 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-013118MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	35418		
173	23.5	5.2	45.2	
215	53.0	30.4	70.4	

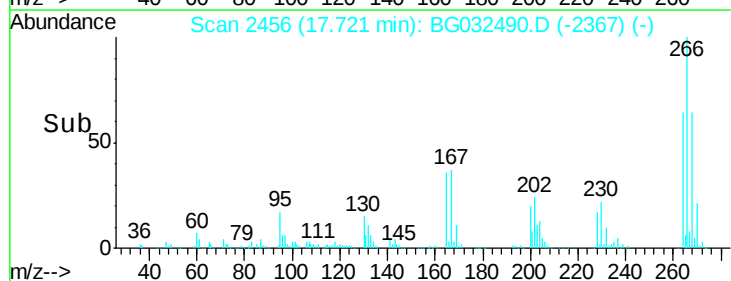
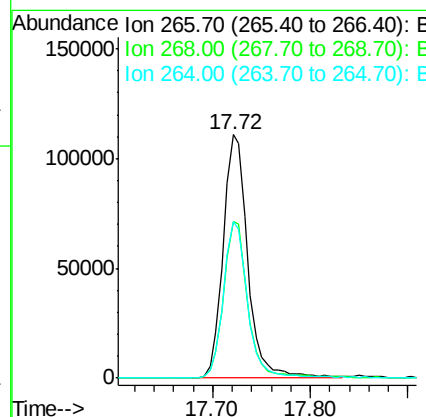
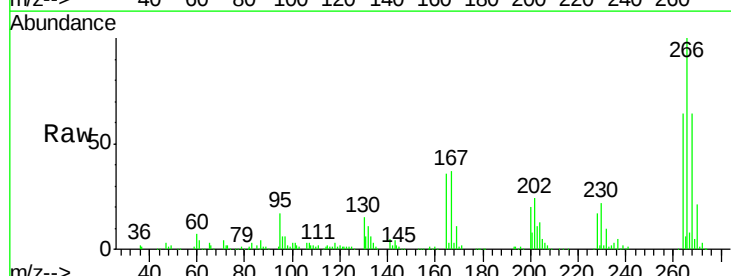
Manual Integrations
 APPROVED

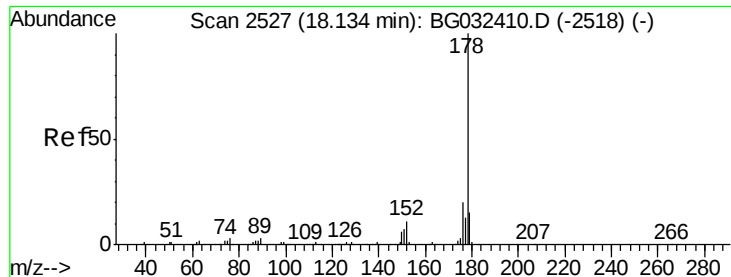
Sohil
 2/2/2018 9:57:15 AM



#69
 Pentachlorophenol
 Concen: 89.692 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032490.D
 Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	194596		
268	64.3	51.1	76.7	
264	64.2	49.6	74.4	





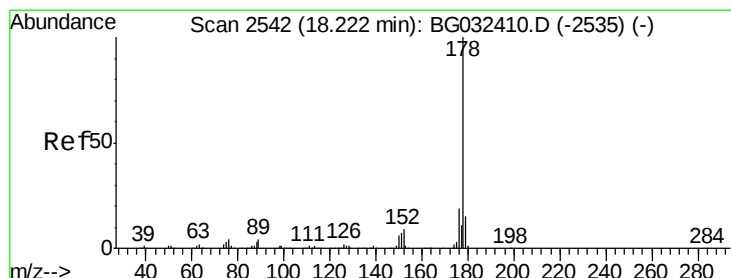
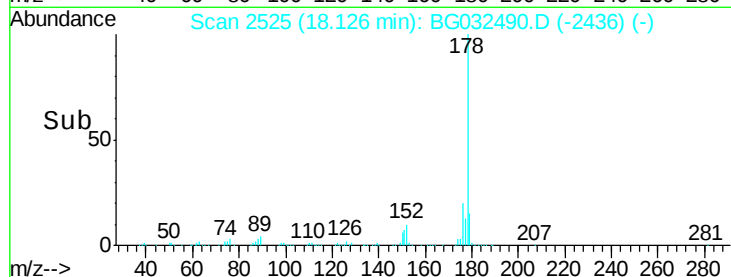
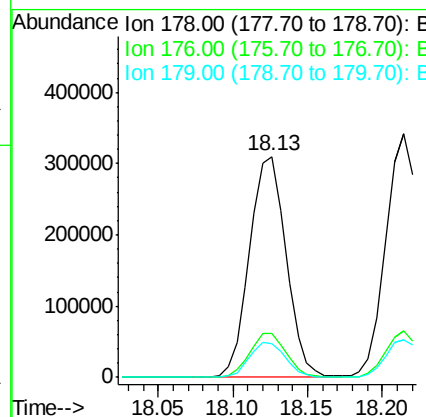
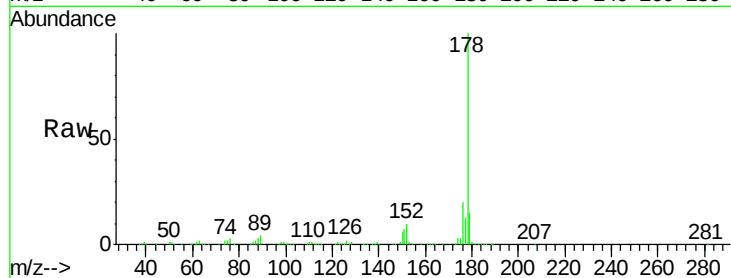
#70
Phenanthrene
Concen: 44.684 ng
RT: 18.13 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.2	12.5	18.7

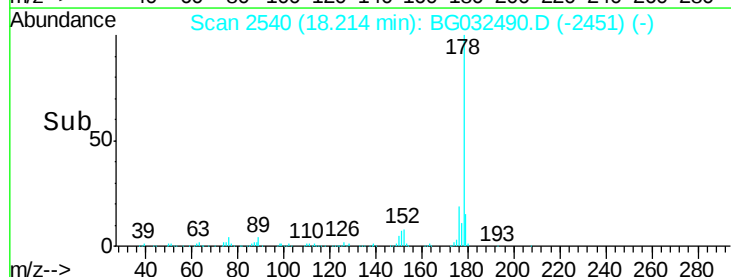
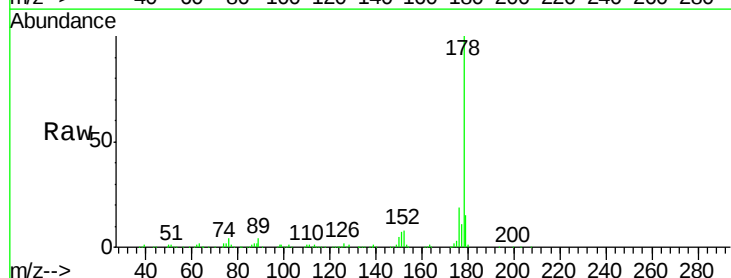
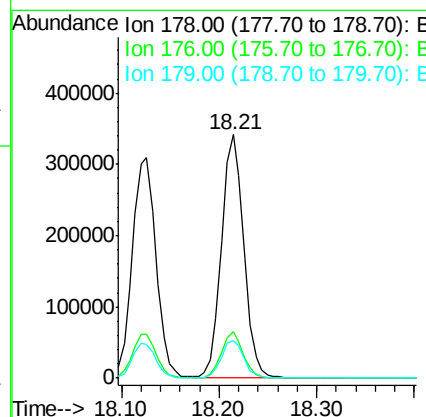
Manual Integrations
APPROVED

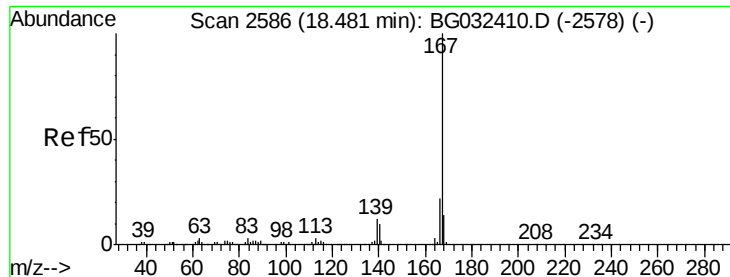
Sohil
2/2/2018 9:57:15 AM



#71
Anthracene
Concen: 46.069 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.2	12.5	18.7





#72

Carbazole

Concen: 29.538 ng

RT: 18.48 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

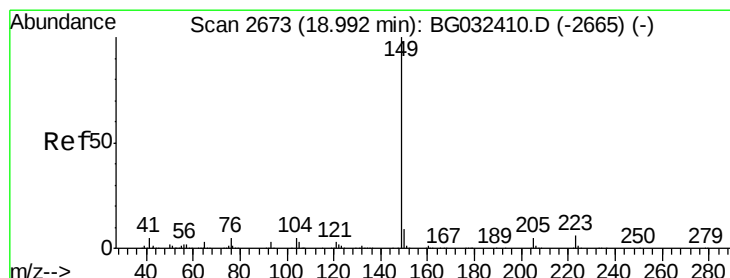
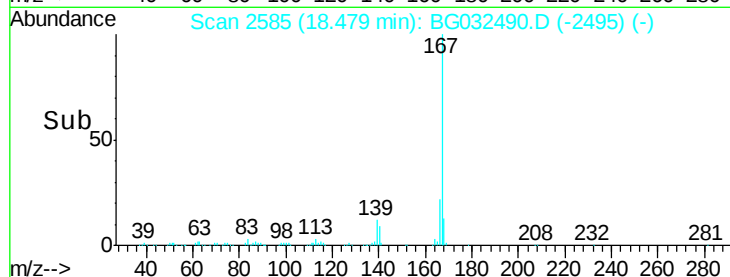
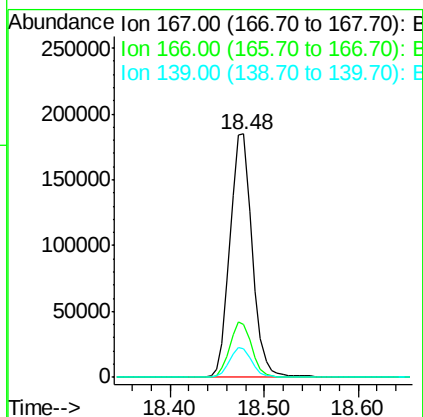
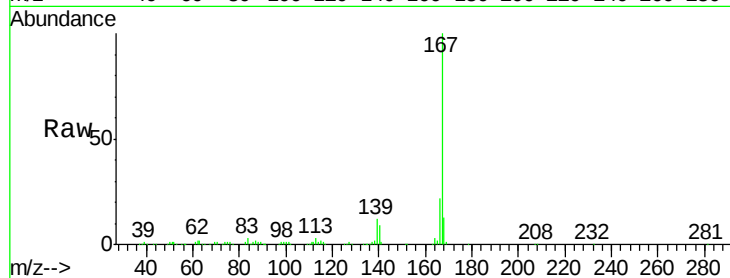
ClientSampleId :

HD-02-013118MS

Tot Ion:	167	Resp:	306140
Ion Ratio		Lower	Upper
167	100		
166	22.0	18.2	27.4
139	11.7	9.4	14.2

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#73

Di-n-butylphthalate

Concen: 46.212 ng

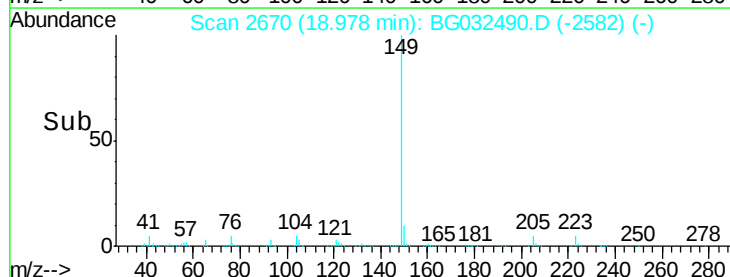
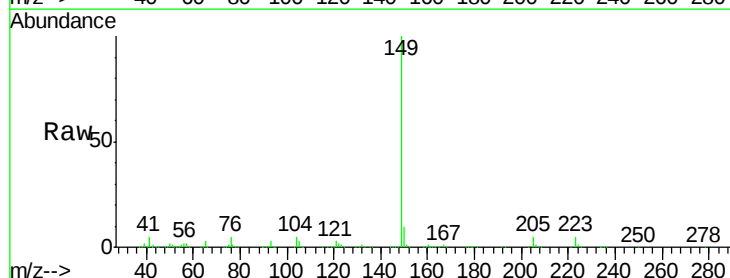
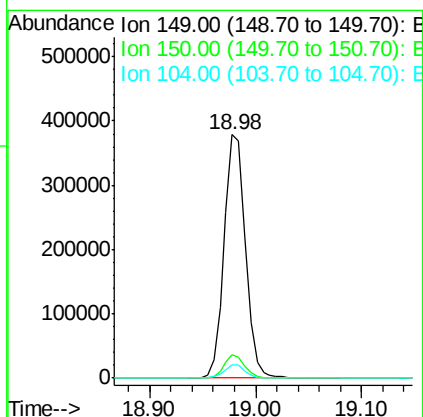
RT: 18.98 min Scan# 2670

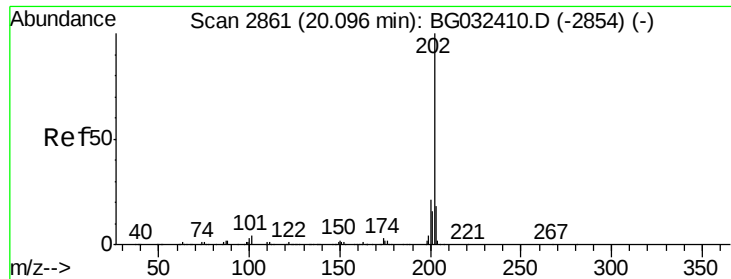
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	149	Resp:	530282
Ion Ratio		Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.4	3.9	5.9





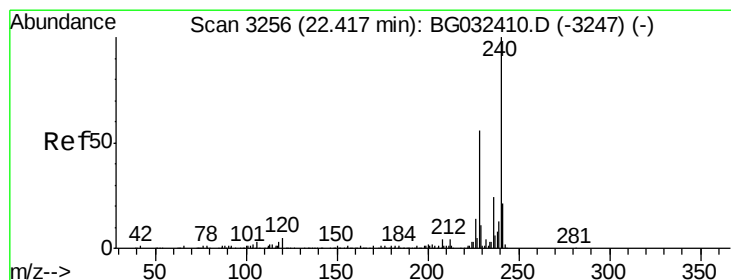
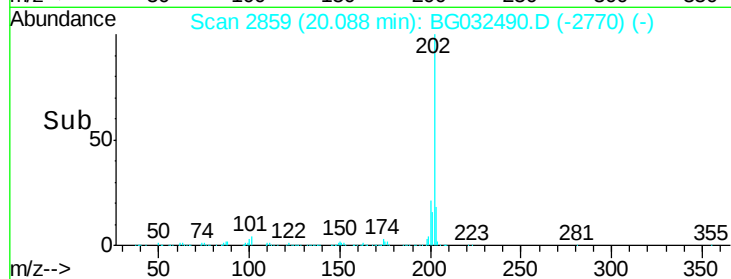
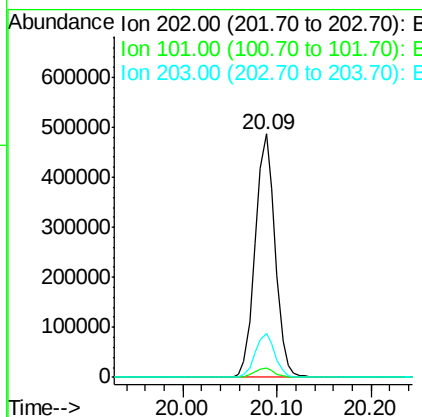
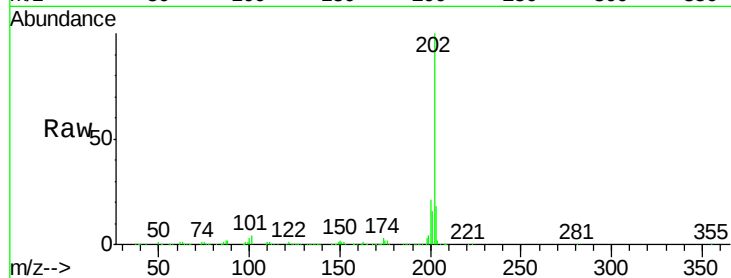
#74
Fluoranthene
Concen: 46.199 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	4.1	0.0	28.9
203	18.0	0.0	37.5

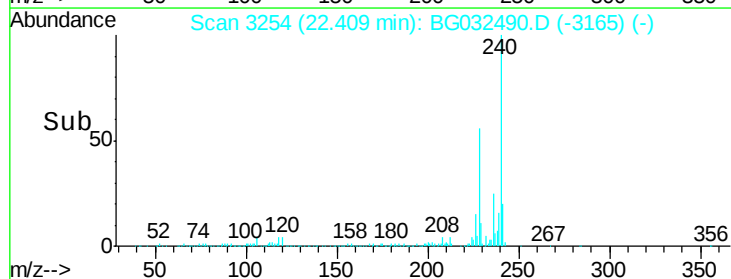
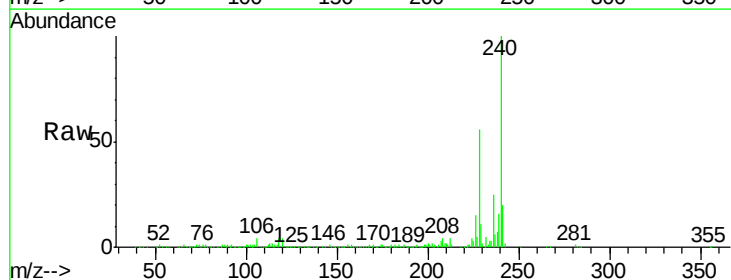
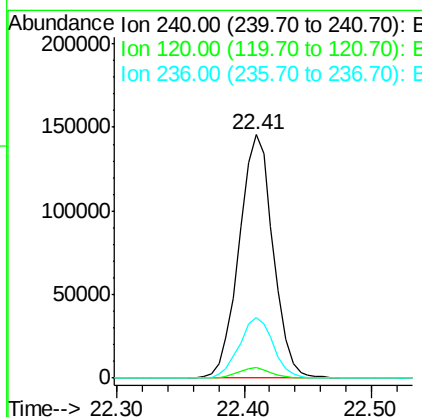
Manual Integrations
APPROVED

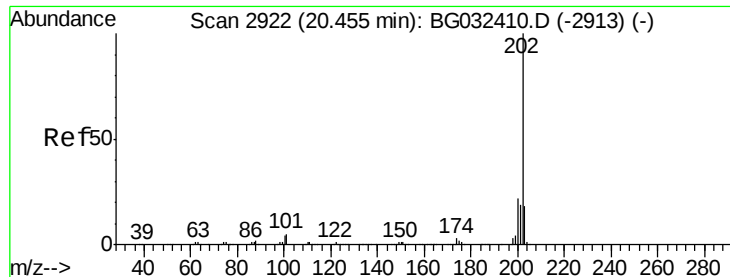
Sohil
2/2/2018 9:57:15 AM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	24.7	20.9	31.3





#77

Pvrene

Concen: 42.766 ng

RT: 20.45 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

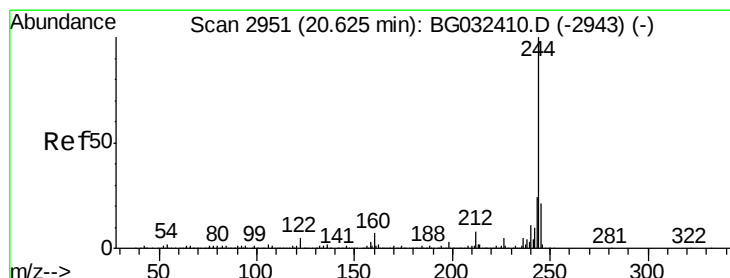
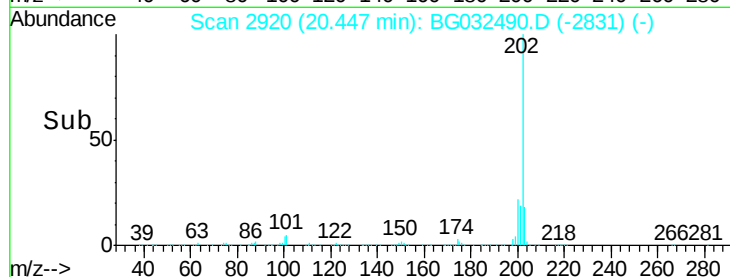
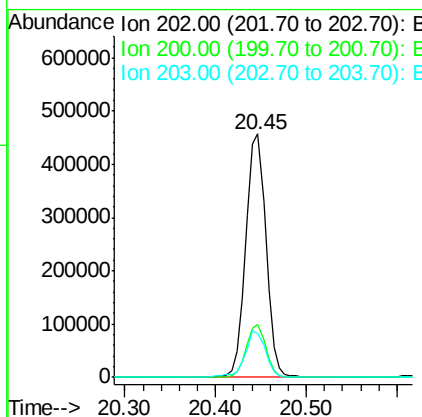
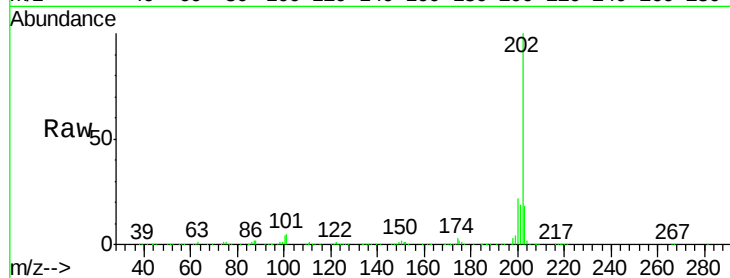
ClientSampleId :

HD-02-013118MS

Tot Ion:	202	Resp:	707758
Ion Ratio		Lower	Upper
202	100		
200	21.5	16.9	25.3
203	18.0	13.9	20.9

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#78

Terphenyl-d14

Concen: 97.859 ng

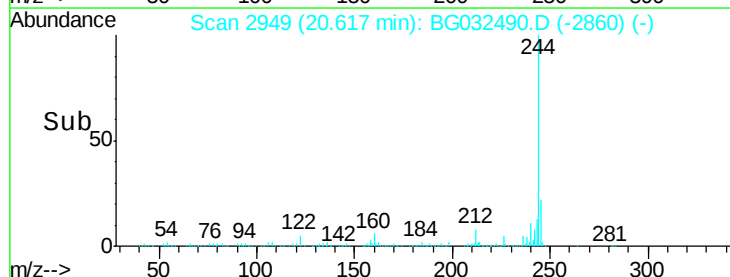
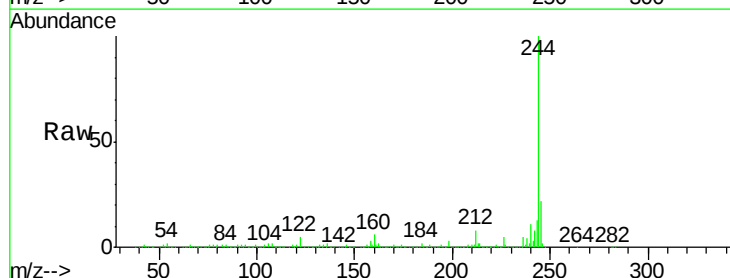
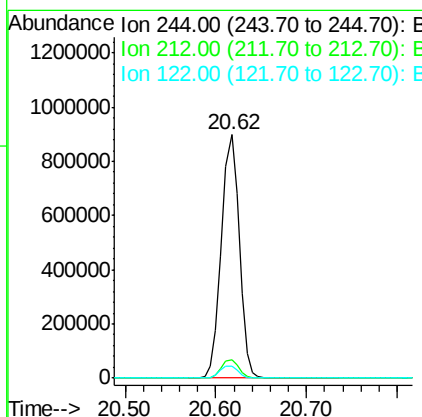
RT: 20.62 min Scan# 2949

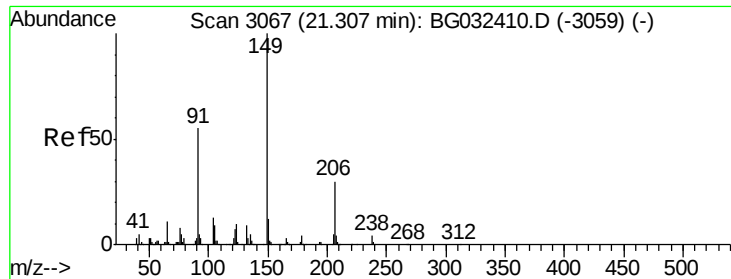
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	244	Resp:	1232667
Ion Ratio		Lower	Upper
244	100		
212	7.8	5.8	8.8
122	5.1	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 47.208 ng

RT: 21.30 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

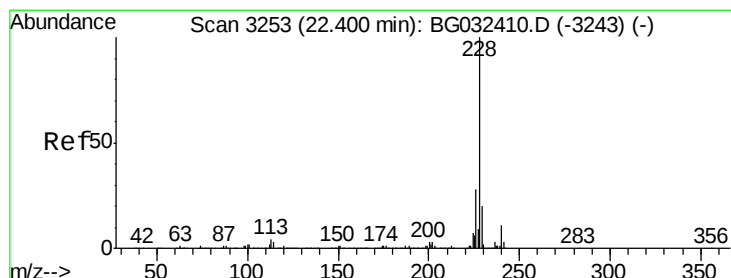
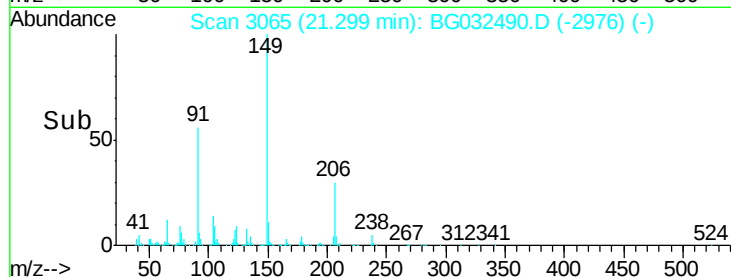
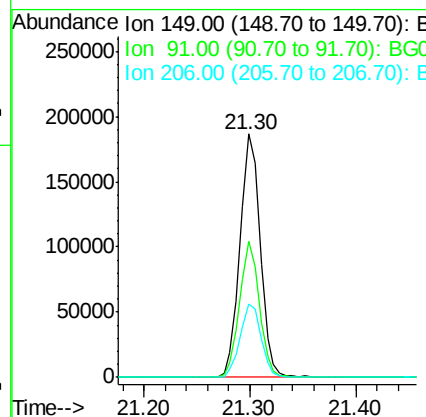
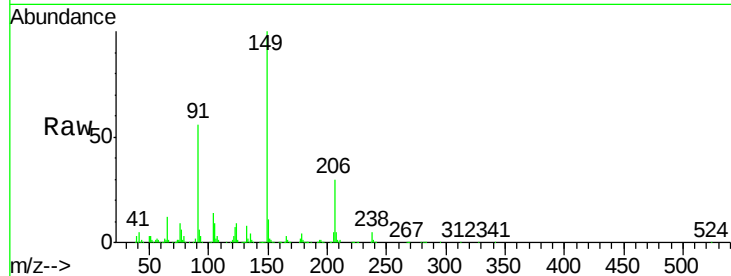
ClientSampleId :

HD-02-013118MS

Tot Ion:	149	Resp:	246430
Ion Ratio	Lower	Upper	
149	100		
91	55.7	62.2	93.2#
206	30.3	18.6	27.8#

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#80

Benzo(a)anthracene

Concen: 45.966 ng

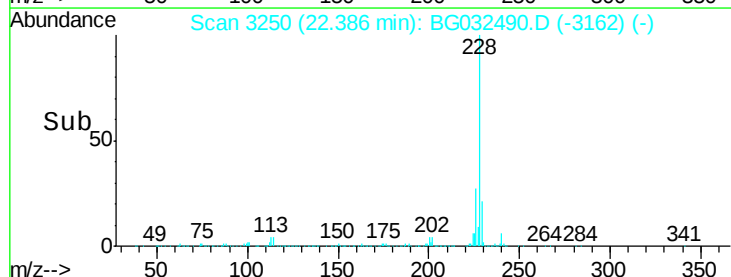
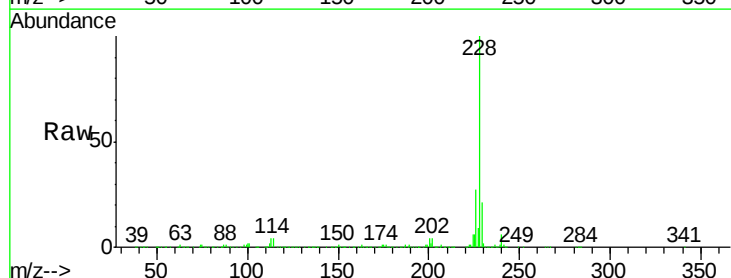
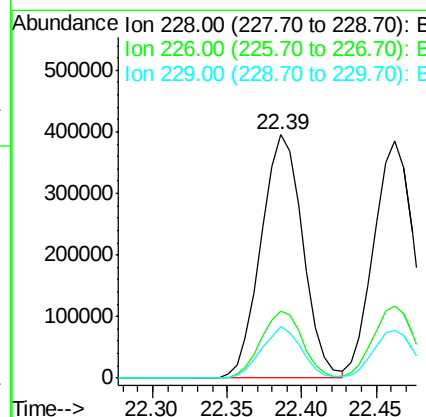
RT: 22.39 min Scan# 3250

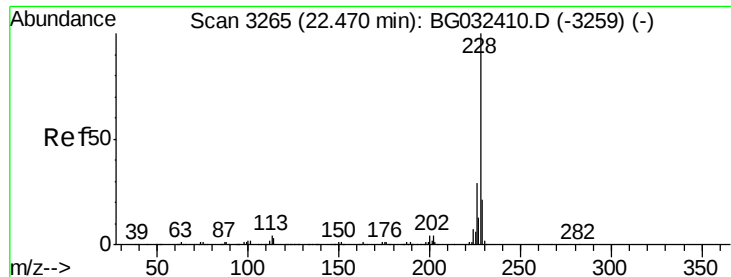
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	228	Resp:	768896
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.7	34.1
229	21.0	16.2	24.2





#82

Chrysene

Concen: 44.021 ng

RT: 22.46 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

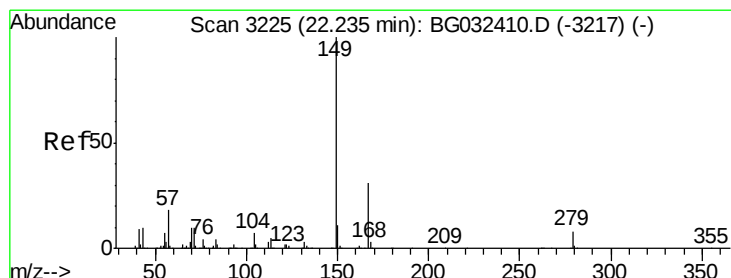
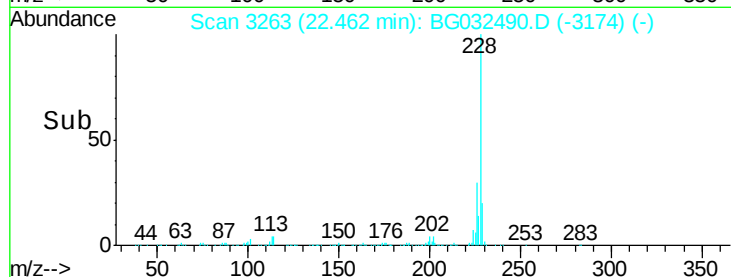
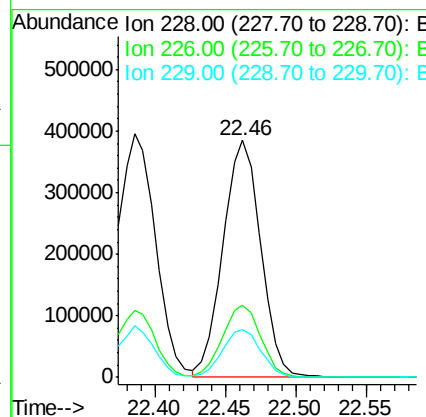
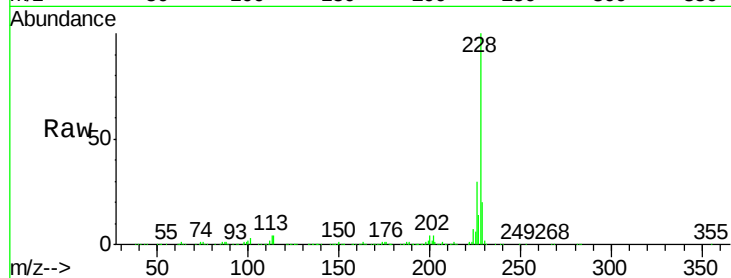
ClientSampleId :

HD-02-013118MS

Tot Ion:	228	Resp:	711139
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	20.2	15.0	22.4

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.868 ng

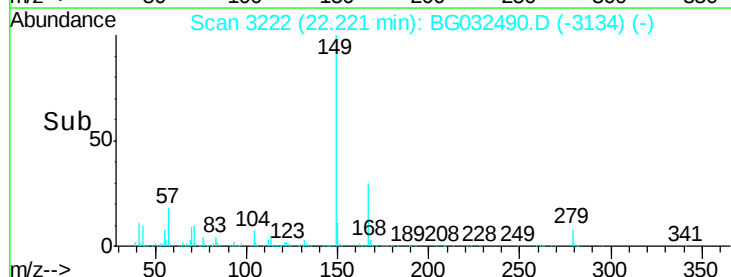
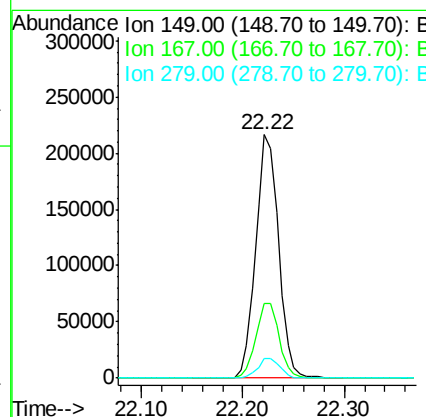
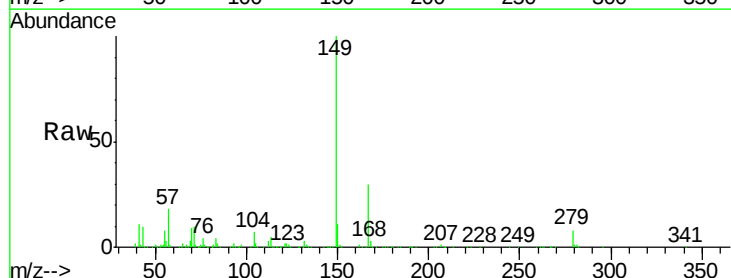
RT: 22.22 min Scan# 3222

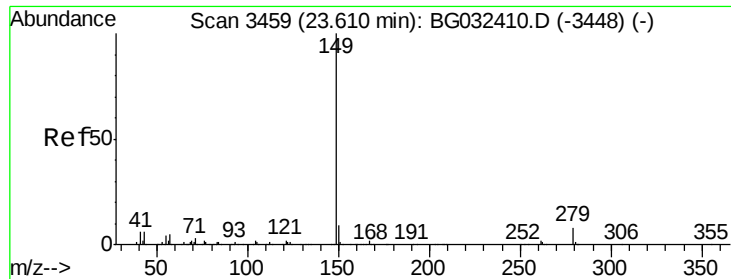
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	149	Resp:	339496
Ion Ratio	Lower	Upper	
149	100		
167	30.4	24.3	36.5
279	8.2	4.0	6.0#





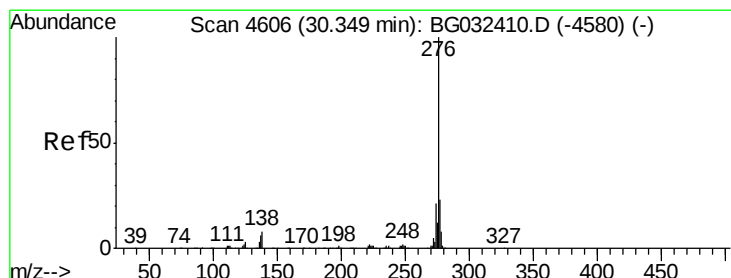
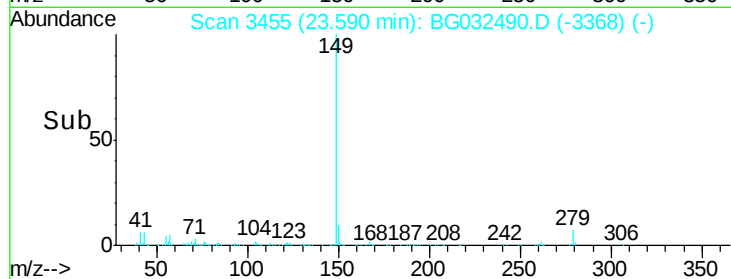
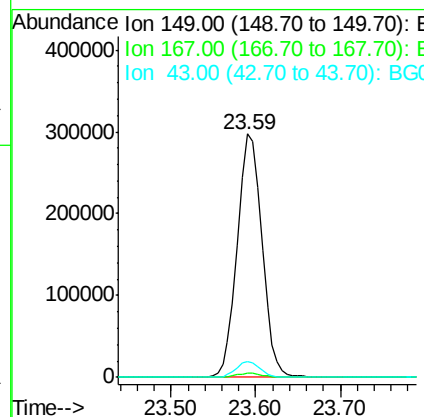
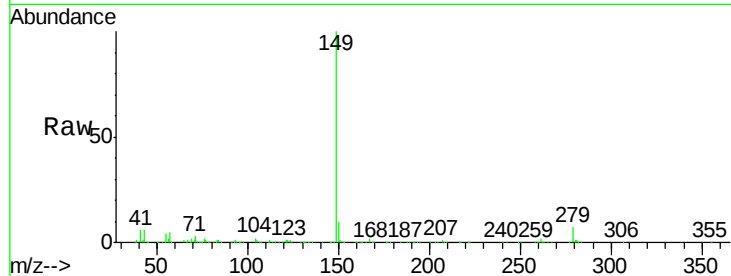
#84
Di-n-octyl phthalate
Concen: 51.185 ng
RT: 23.59 min Scan# 3455
Delta R.T. -0.02 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.9	1.4	2.0
43	6.4	8.9	13.3#

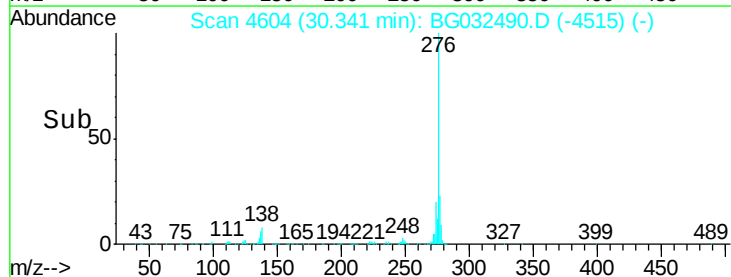
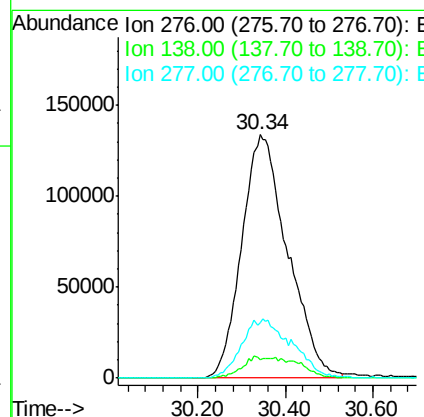
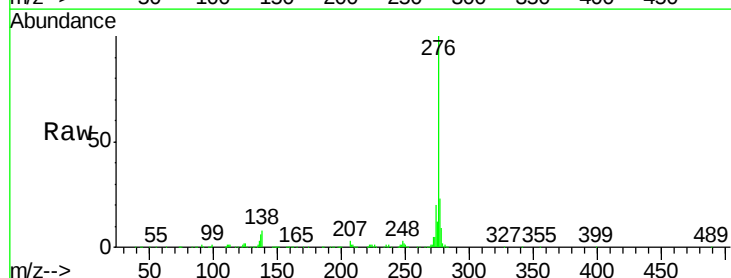
Manual Integrations
APPROVED

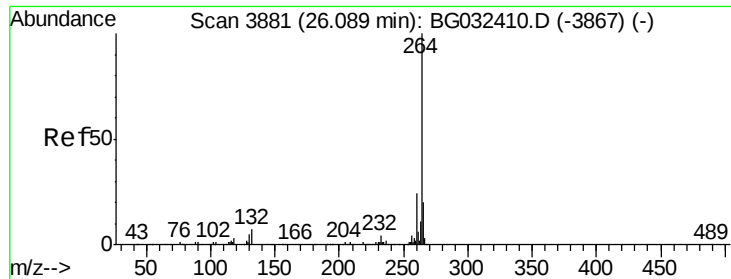
Sohil
2/2/2018 9:57:15 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 46.837 ng
RT: 30.34 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	4.3	16.0	24.0#
277	26.6	20.0	30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

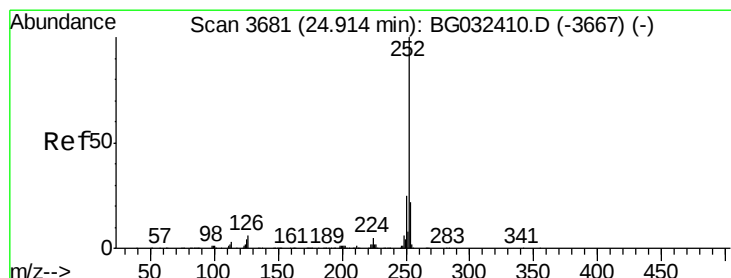
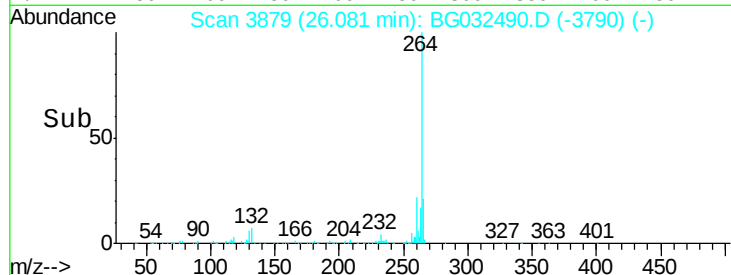
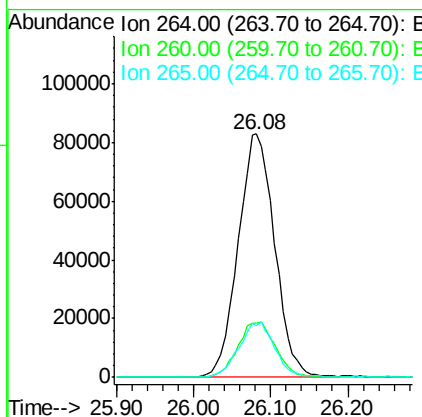
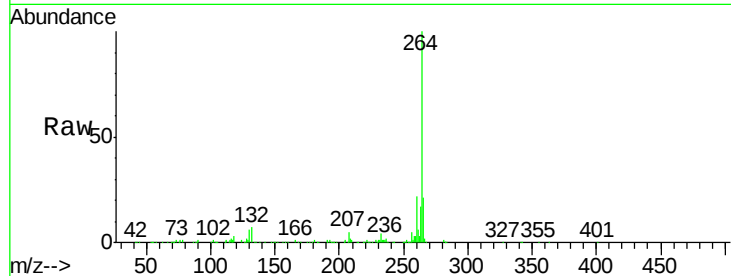
ClientSampleId :

HD-02-013118MS

Tot Ion:	264	Resp:	274837
Ion Ratio	Lower	Upper	
264	100		
260	22.4	17.4	26.0
265	21.4	17.7	26.5

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#87

Benzo(b)fluoranthene

Concen: 49.230 ng

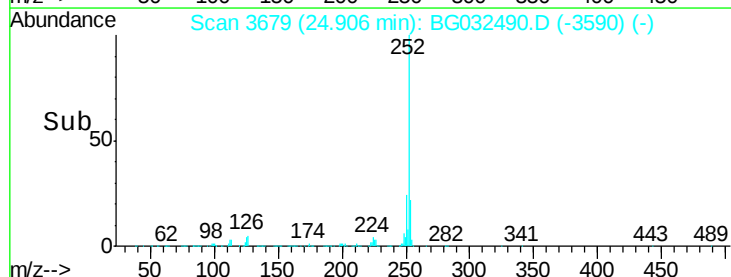
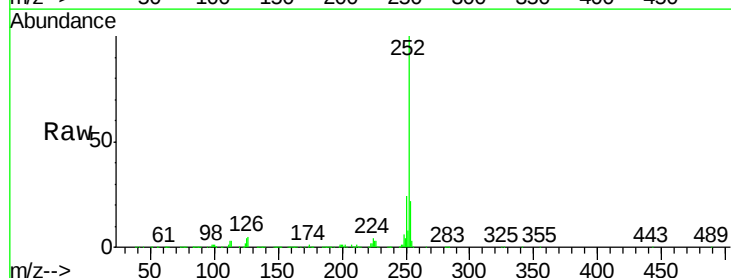
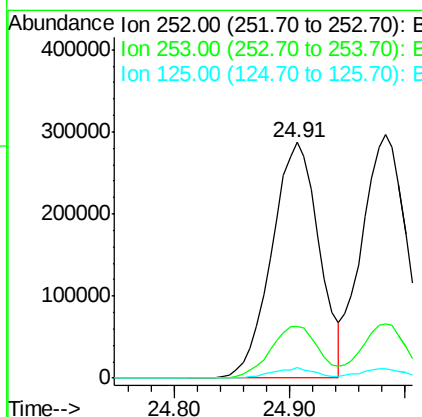
RT: 24.91 min Scan# 3679

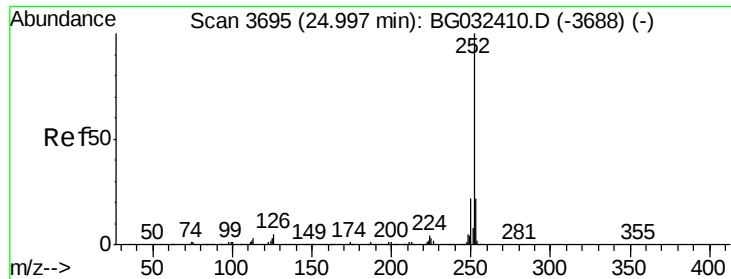
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	252	Resp:	817534
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.4
125	4.3	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 49.075 ng

RT: 24.98 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Instrument :

BNA_G

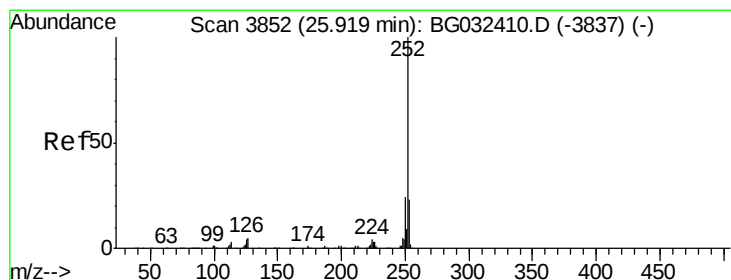
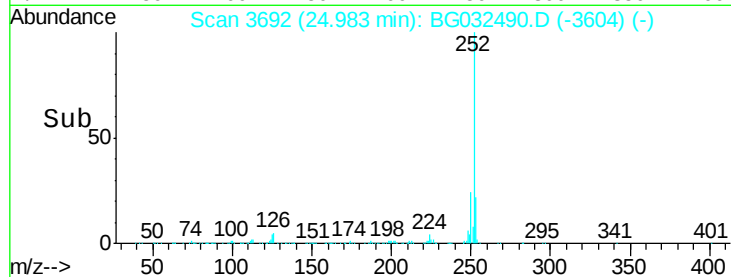
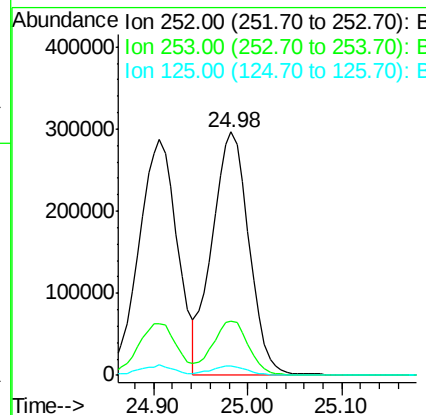
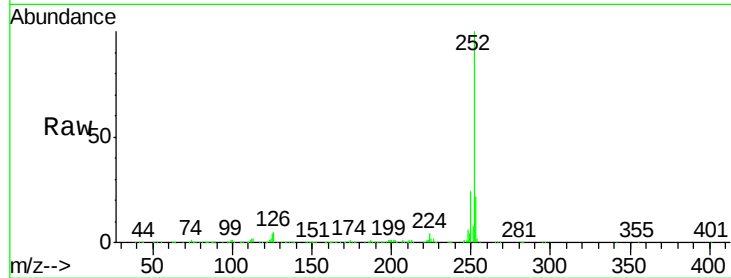
ClientSampleId :

HD-02-013118MS

Tot Ion:	252	Resp:	807313
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	4.1	6.6	9.8#

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#89

Benzo(a)pyrene

Concen: 49.200 ng

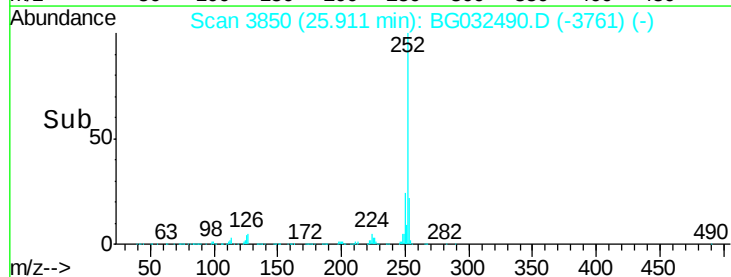
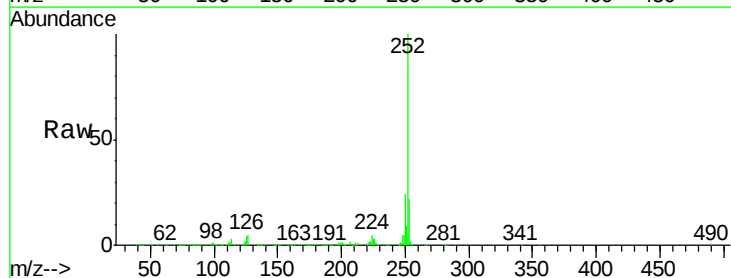
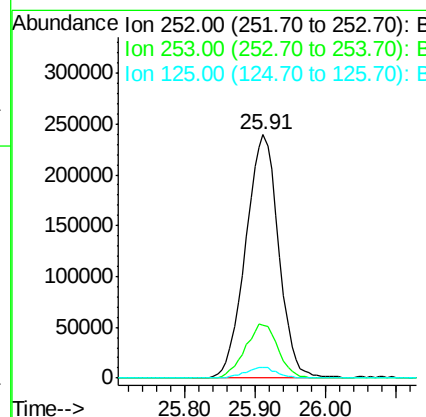
RT: 25.91 min Scan# 3850

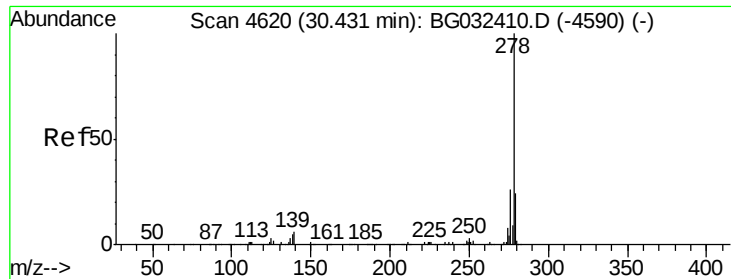
Delta R.T. -0.01 min

Lab File: BG032490.D

Acq: 1 Feb 2018 15:11

Tgt Ion:	252	Resp:	778912
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.3	27.5
125	4.4	7.3	10.9#





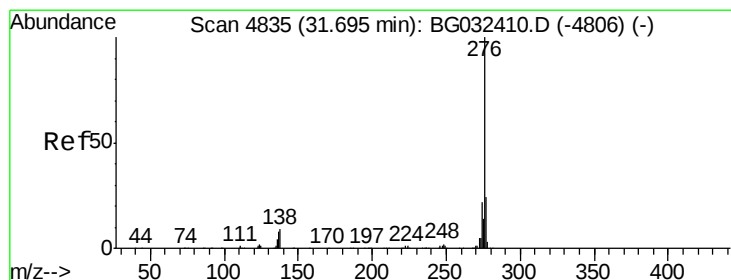
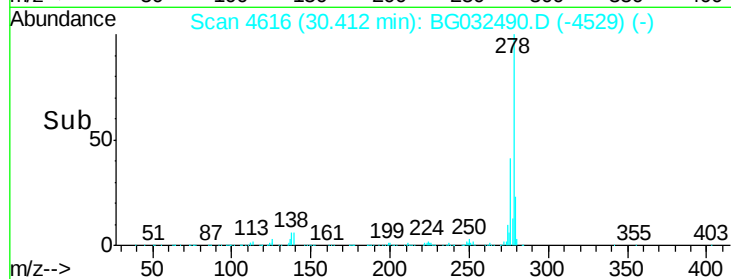
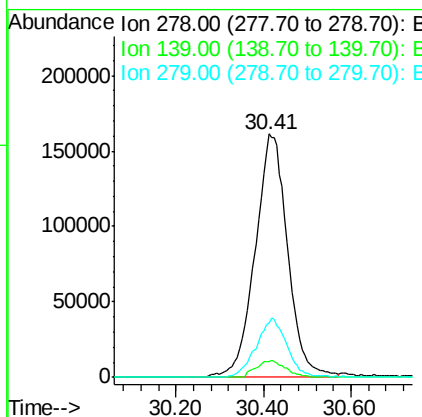
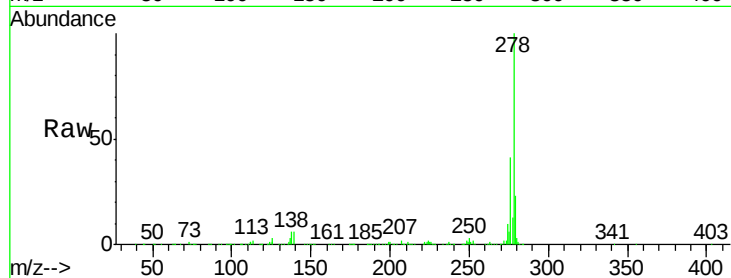
#90
Dibenzo(a,h)anthracene
Concen: 50.695 ng
RT: 30.41 min Scan# 4616
Delta R.T. -0.02 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
HD-02-013118MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.3	9.8	14.6#
279	22.5	18.4	27.6

Manual Integrations
APPROVED

Sohil
2/2/2018 9:57:15 AM



#91
Benzo(g,h,i)perylene
Concen: 47.627 ng
RT: 31.69 min Scan# 4833
Delta R.T. -0.01 min
Lab File: BG032490.D
Acq: 1 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	8.8	13.9	20.9#

