

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
 Data File : BB058621.D
 Acq On : 12 Oct 2016 18:10
 Operator : UM/SJ
 Sample : MDL-07-W
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-07-W

Manual Integrations
 APPROVED

SOHIL
 10/13/2016 11:12:41 AM

Quant Time: Oct 12 18:46:40 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 17:30:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	525746	20.00	ng/ul	0.10
18) Naphthalene-d8	11.68	136	1954003	20.00	ng/ul	0.06
35) Acenaphthene-d10	15.61	164	1133554	20.00	ng/ul	0.04
61) Phenanthrene-d10	18.44	188	1815685	20.00	ng/ul	0.02
75) Chrysene-d12	22.81	240	1976695	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1558586	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	53890	4.64	ng/uL	0.06
5) Phenol-d5	7.89	99	788236	20.64	ng/ul	0.10
7) Bis-(2-Chloroethyl)ether-d	8.02	67	569900	22.27	ng/ul	0.08
9) 2-Chlorophenol-d4	8.26	132	860082	21.71	ng/ul	0.08
13) 4-Methylphenol-d8	9.51	113	646735	20.46	ng/ul	0.06
19) Nitrobenzene-d5	9.97	128	438015	21.68	ng/ul	0.10
22) 2-Nitrophenol-d4	10.72	143	488483	22.47	ng/ul	0.08
26) 2,4-Dichlorophenol-d3	11.30	165	647951	21.03	ng/ul	0.06
29) 4-Chloroaniline-d4	11.82	131	885332	23.87	ng/ul	0.08
43) Dimethylphthalate-d6	14.99	166	1799251	23.87	ng/ul	0.04
46) Acenaphthylene-d8	15.30	160	2068261	23.27	ng/ul	0.04
51) 4-Nitrophenol-d4	15.80	143	314590	18.17	ng/ul	0.02
57) Fluorene-d10	16.63	176	1361315	22.05	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.75	200	325934	16.91	ng/ul	0.02
70) Anthracene-d10	18.56	188	1910226m	23.52	ng/ul	0.02
76) Pyrene-d10	20.89	212	2079796	23.95	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.68	264	1523706	21.41	ng/ul	-0.02

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.73	88	7298	0.63	ng/uL#	64
4) Benzaldehyde	7.81	77	46353	1.88	ng/ul	84
6) Phenol	7.91	94	76900	2.03	ng/ul#	54
8) Bis(2-Chloroethyl)ether	8.12	93	69002	2.21	ng/ul#	80
10) 2-Chlorophenol	8.29	128	80993	2.15	ng/ul	90
11) 2-Methylphenol	9.24	108	62214	2.04	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	9.31	45	121901	2.22	ng/ul#	91
14) Acetophenone	9.60	105	93862	2.03	ng/ul#	67
15) N-Nitroso-di-n-propylamine	9.60	70	54706	2.00	ng/ul#	47
16) 4-Methylphenol	9.58	108	63339	1.93	ng/ul	98
17) Hexachloroethane	9.91	117	36245	1.98	ng/ul#	74
20) Nitrobenzene	10.01	77	80245	2.12	ng/ul#	90
21) Isophorone	10.57	82	149591	2.04	ng/ul#	89
23) 2-Nitrophenol	10.76	139	49703	2.19	ng/ul	95
24) 2,4-Dimethylphenol	10.84	107	76757	2.07	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.07	93	72541	2.06	ng/ul#	91
27) 2,4-Dichlorophenol	11.34	162	62083	2.01	ng/ul#	94
28) Naphthalene	11.74	128	208087	2.24	ng/ul	99
30) 4-Chloroaniline	11.84	127	79109	2.25	ng/ul	94
31) Hexachlorobutadiene	12.09	225	43509	2.06	ng/ul	96
32) Caprolactam	12.63	113	20203	1.80	ng/ul	94
33) 4-Chloro-3-methylphenol	12.99	107	62113	2.02	ng/ul	95
34) 2-Methylnaphthalene	13.38	142	140143	2.18	ng/ul	97

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
 Data File : BB058621.D
 Acq On : 12 Oct 2016 18:10
 Operator : UM/SJ
 Sample : MDL-07-W
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-W

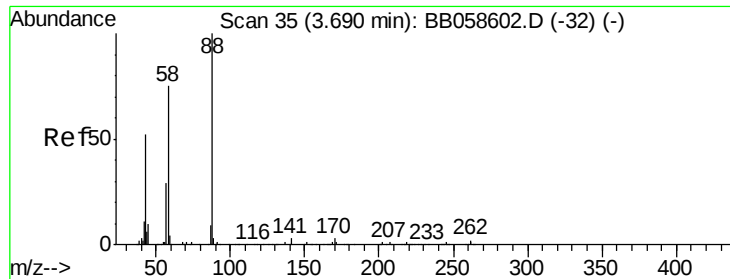
Manual Integrations
 APPROVED

SOHIL
 10/13/2016 11:12:41 AM

Quant Time: Oct 12 18:46:40 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 17:30:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.78	216	75073	2.16	ng/ul#	97
37) Hexachlorocyclopentadiene	13.78	237	23825	1.08	ng/ul	99
38) 2,4,6-Trichlorophenol	14.01	196	43580	2.06	ng/ul	95
39) 2,4,5-Trichlorophenol	14.09	196	43035	1.92	ng/ul	90
40) 1,1'-Biphenyl	14.42	154	170324	2.24	ng/ul#	98
41) 2-Chloronaphthalene	14.46	162	131444	2.17	ng/ul	95
42) 2-Nitroaniline	14.63	65	45315	1.95	ng/ul#	73
44) Dimethylphthalate	15.03	163	165809	2.20	ng/ul#	98
45) 2,6-Dinitrotoluene	15.15	165	39469	2.07	ng/ul	93
47) Acenaphthylene	15.32	152	204950	2.38	ng/ul	99
48) 3-Nitroaniline	14.65	138	45654	1.83	ng/ul#	34
49) Acenaphthene	15.67	153	129052	2.18	ng/ul	92
50) 2,4-Dinitrophenol	15.69	184	13437	0.99	ng/ul#	1
52) 4-Nitrophenol	15.80	109	25075	1.78	ng/ul#	39
53) Dibenzofuran	16.01	168	194553	2.31	ng/ul	95
54) 2,4-Dinitrotoluene	15.96	165	55428	2.09	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	16.27	232	38273	1.95	ng/ul#	93
56) Diethylphthalate	16.44	149	175139	2.24	ng/ul#	93
58) Fluorene	16.69	166	148193	2.16	ng/ul	91
59) 4-Chlorophenyl-phenylether	16.67	204	72428	1.96	ng/ul#	74
60) 4-Nitroaniline	16.69	138	22337	1.14	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	16.77	198	30360	1.58	ng/ul#	84
64) N-Nitrosodiphenylamine	16.88	169	122618	2.09	ng/ul	95
65) 4-Bromophenyl-phenylether	17.59	248	45818	1.97	ng/ul#	83
66) Hexachlorobenzene	17.77	284	45441	1.95	ng/ul	91
67) Atrazine	17.86	200	47143	2.11	ng/ul	93
68) Pentachlorophenol	18.09	266	23664	1.43	ng/ul	97
69) Phenanthrene	18.48	178	208305	2.30	ng/ul	99
71) Anthracene	18.58	178	212394	2.30	ng/ul	99
72) Carbazole	18.84	167	180113	2.34	ng/ul#	97
73) Di-n-butylphthalate	19.42	149	319402	2.54	ng/ul	98
74) Fluoranthene	20.54	202	222896	2.42	ng/ul#	92
77) Pyrene	20.90	202	248967	2.41	ng/ul	96
78) Butylbenzylphthalate	21.81	149	126913	1.90	ng/ul#	82
79) 3,3'-Dichlorobenzidine	22.70	252	40325	1.15	ng/ul#	92
80) Benzo(a)anthracene	22.77	228	220945	2.20	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.70	149	178894	2.01	ng/ul#	94
82) Chrysene	22.85	228	195838	2.08	ng/ul	99
84) Di-n-octyl phthalate	22.70	149	178894	2.20	ng/ul#	59
85) Benzo(b)fluoranthene	24.91	252	181074m	1.76	ng/ul	
86) Benzo(k)fluoranthene	24.99	252	175426	2.20	ng/ul	97
88) Benzo(a)pyrene	25.74	252	158931	1.83	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.16	276	121426	1.60	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.20	278	92556	1.47	ng/ul#	90
91) Benzo(g,h,i)perylene	30.17	276	103158	1.73	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 0.63 ng/uL

RT: 3.73 min Scan# 37

Delta R.T. 0.06 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

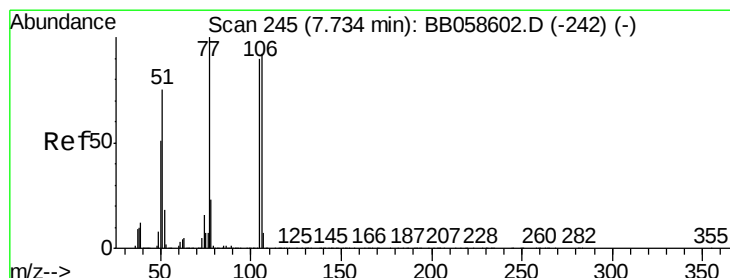
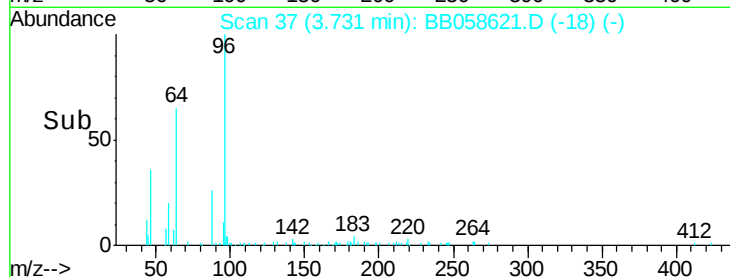
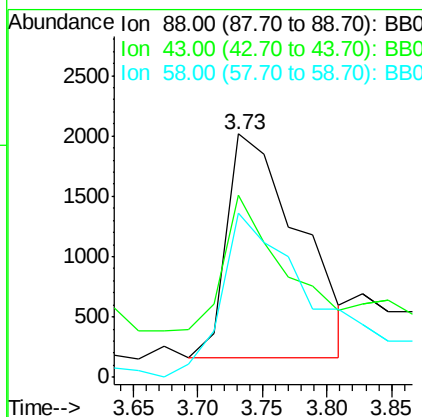
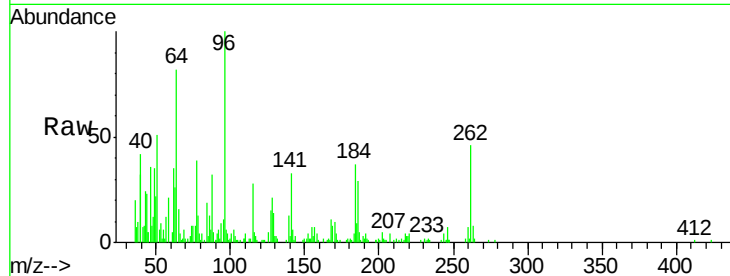
ClientSampled :

MDL-07-W

Tgt Ion:	88	Resp:	7298
Ion	Ratio	Lower	Upper
88	100		
43	53.7	22.6	34.0#
58	97.3	57.3	85.9#

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#4

Benzaldehyde

Concen: 1.88 ng/uL

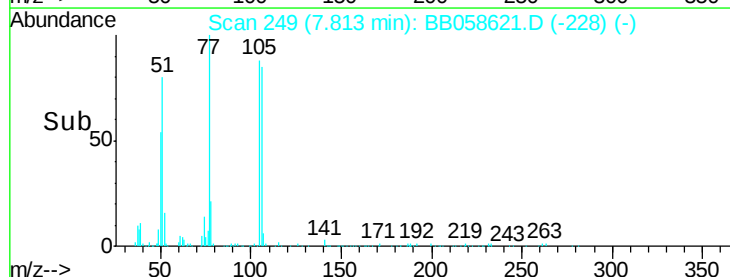
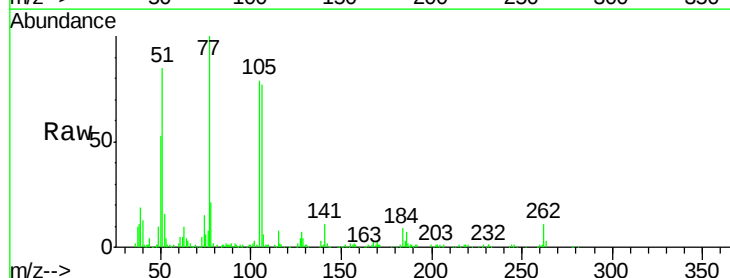
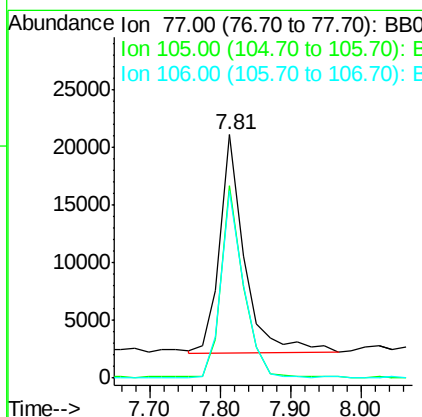
RT: 7.81 min Scan# 249

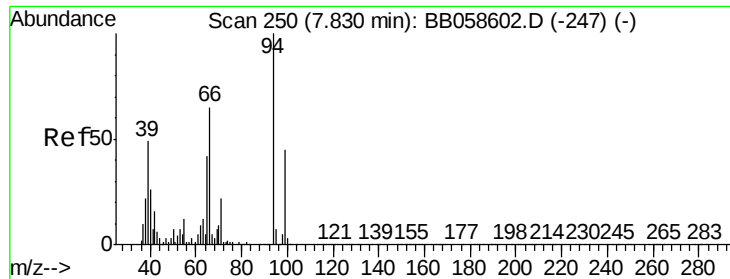
Delta R.T. 0.10 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:	77	Resp:	46353
Ion	Ratio	Lower	Upper
77	100		
105	78.9	76.9	115.3
106	76.9	71.8	107.8





#6

Phenol

Concen: 2.03 ng/ul

RT: 7.91 min Scan# 254

Delta R.T. 0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

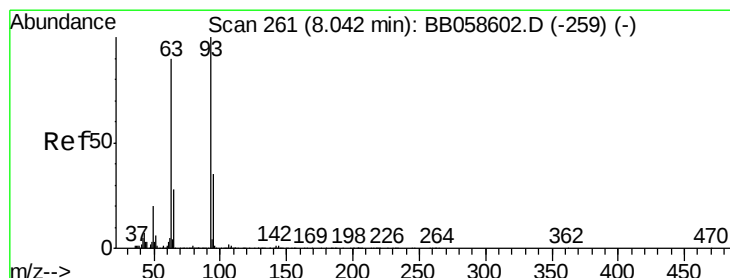
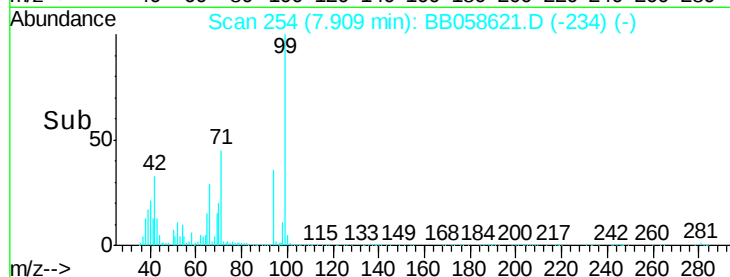
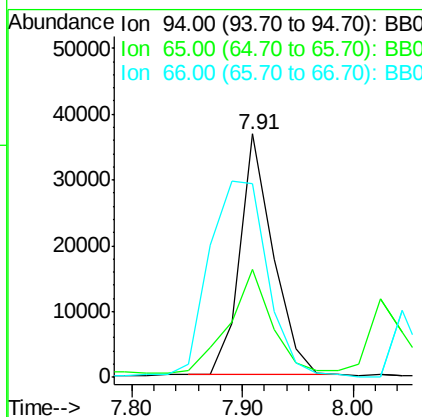
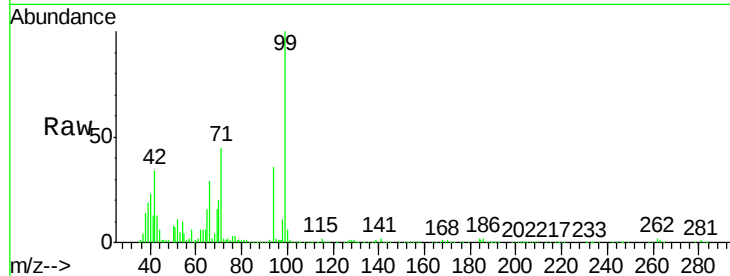
ClientSampled :

MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	76900		
65	44.4	23.9	35.9#	
66	79.3	33.5	50.3#	

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#8

Bis(2-Chloroethyl)ether

Concen: 2.21 ng/ul

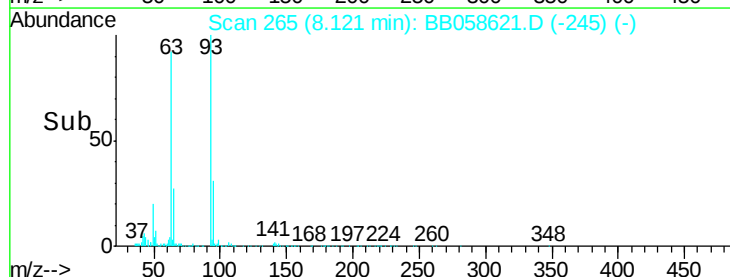
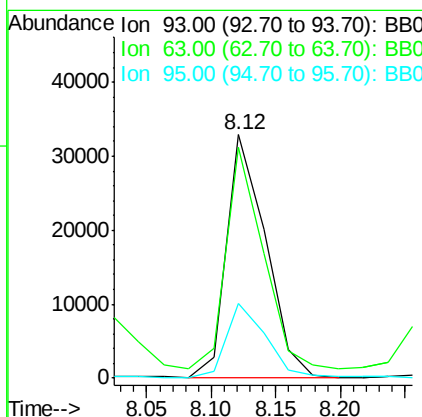
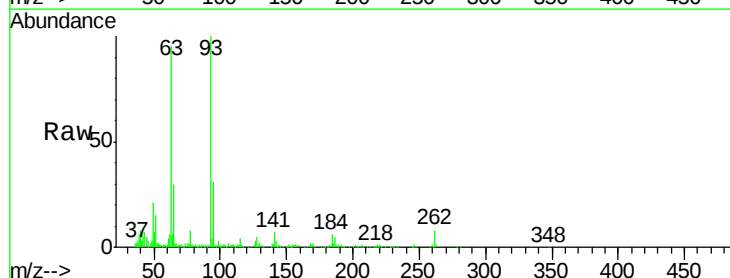
RT: 8.12 min Scan# 265

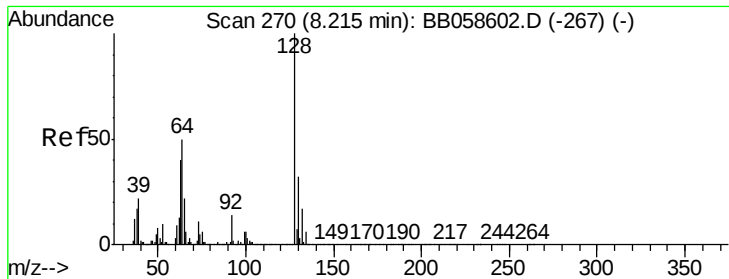
Delta R.T. 0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	69002		
63	94.6	57.3	85.9#	
95	30.7	25.1	37.7	





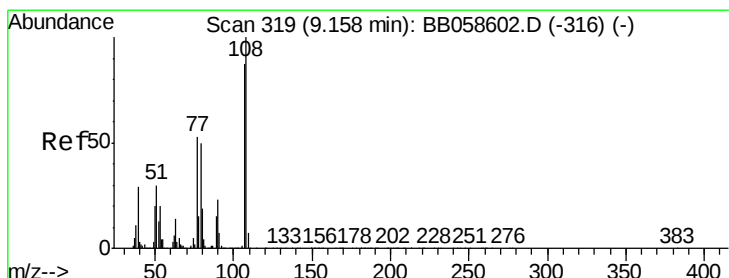
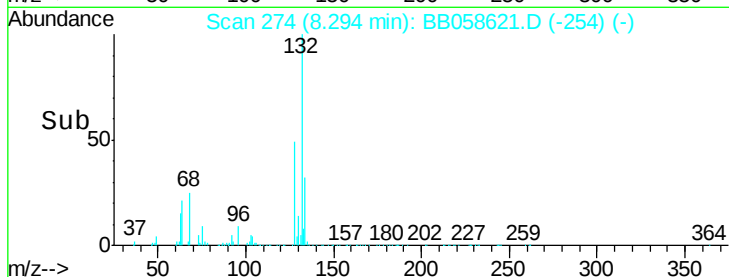
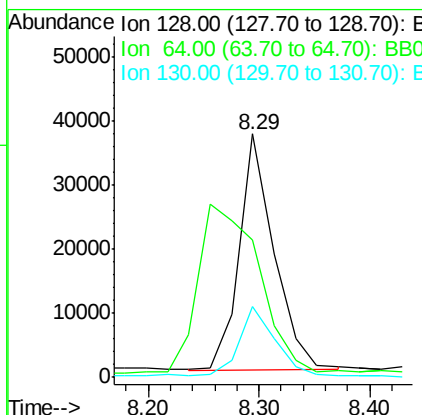
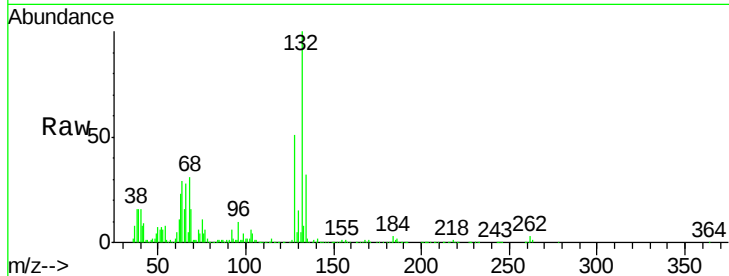
#10
2-Chlorophenol
Concen: 2.15 ng/ul
RT: 8.29 min Scan# 274
Delta R.T. 0.08 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	80993		
64	56.3		37.5	56.3
130	28.9		25.0	37.4

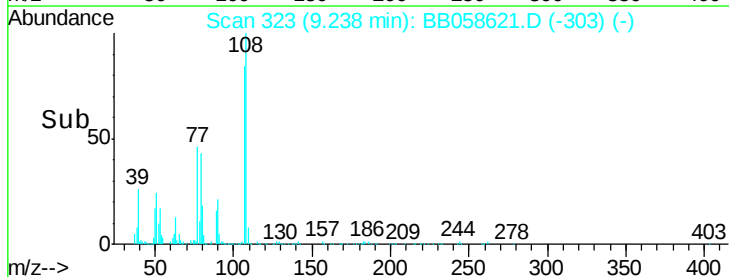
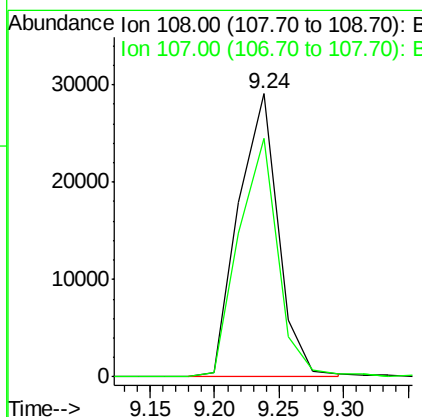
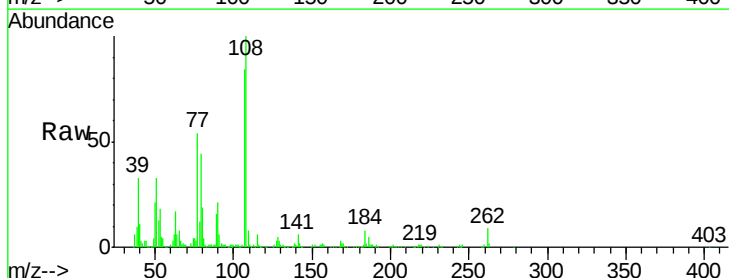
Manual Integrations
APPROVED

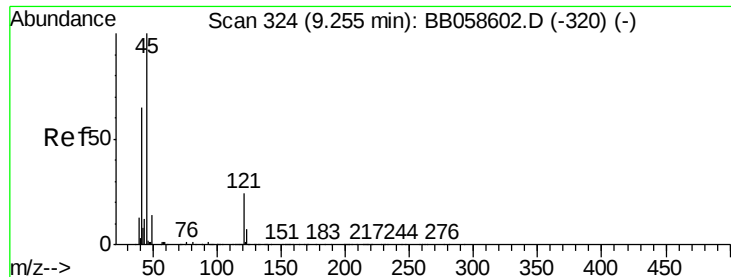
SOHIL
10/13/2016 11:12:41 AM



#11
2-Methylphenol
Concen: 2.04 ng/ul
RT: 9.24 min Scan# 323
Delta R.T. 0.08 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	62214		
107	84.3		71.8	107.6





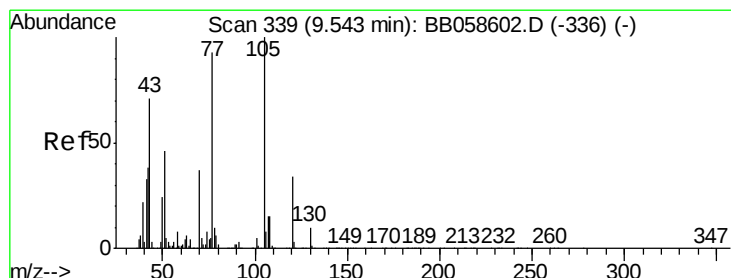
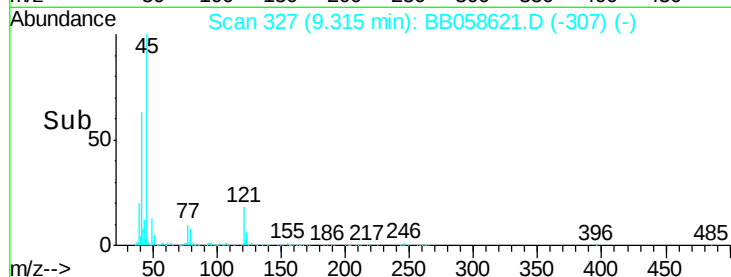
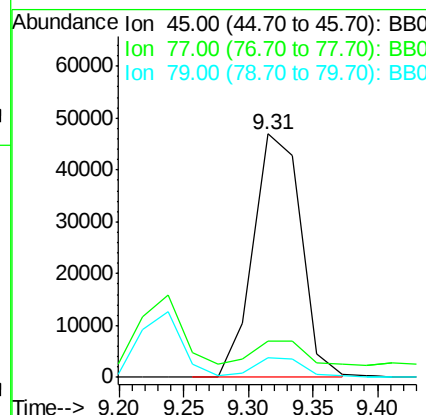
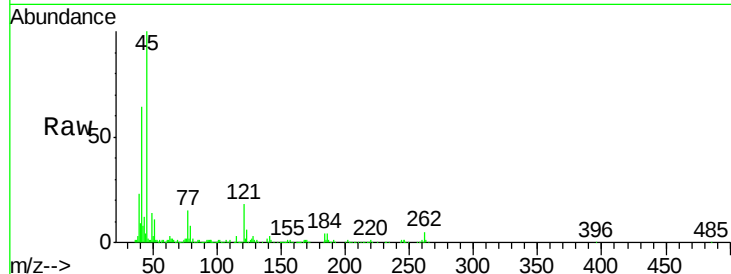
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.22 ng/ul
RT: 9.31 min Scan# 327
Delta R.T. 0.08 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	14.1	21.1
79	8.3	10.4	15.6#

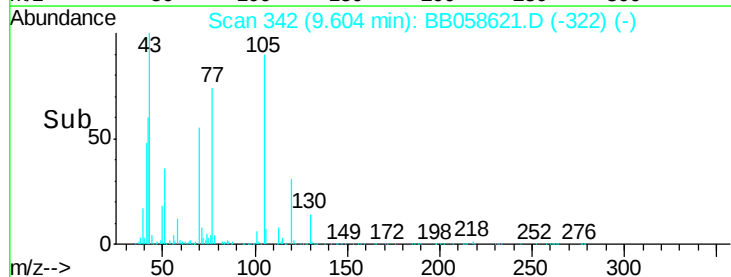
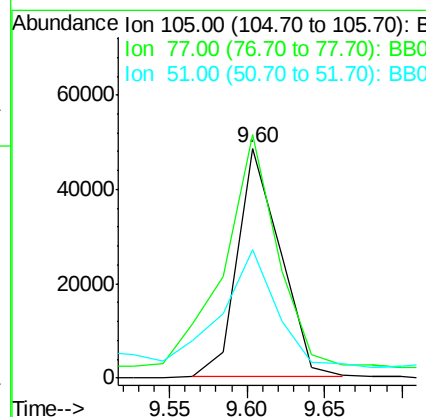
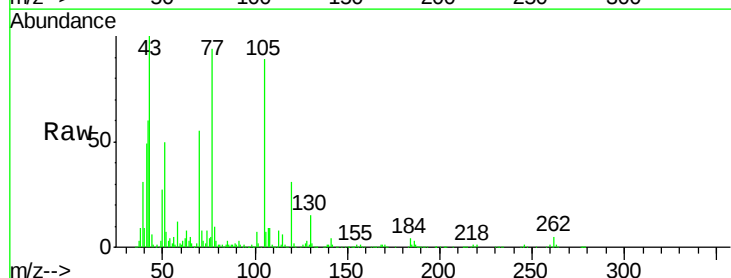
Manual Integrations
APPROVED

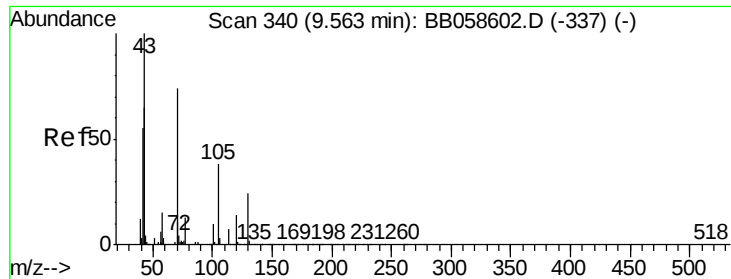
SOHIL
10/13/2016 11:12:41 AM



#14
Acetophenone
Concen: 2.03 ng/ul
RT: 9.60 min Scan# 342
Delta R.T. 0.08 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Lower	Upper
105	100		
77	105.8	65.9	98.9#
51	56.0	22.2	33.2#





#15

N-Nitroso-di-n-propylamine

Concen: 2.00 ng/ul

RT: 9.60 min Scan# 342

Delta R.T. 0.06 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

ClientSampleId :

MDL-07-W

Tgt Ion: 70 Resp: 54706
Ion Ratio Lower Upper

70 100

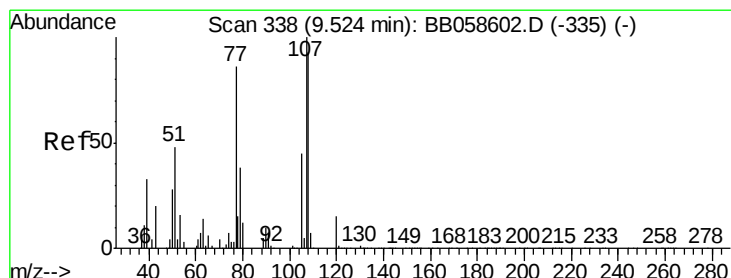
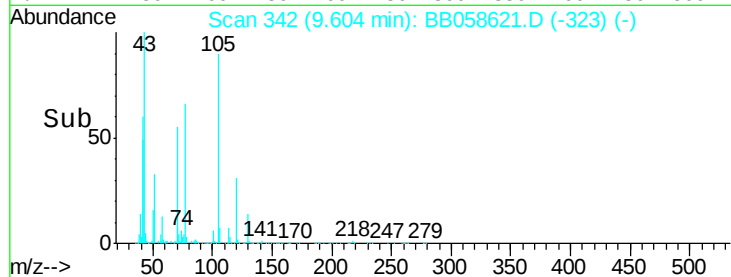
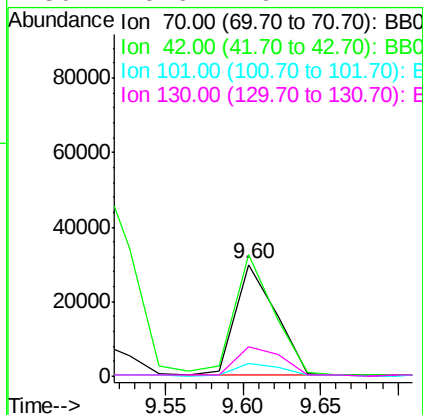
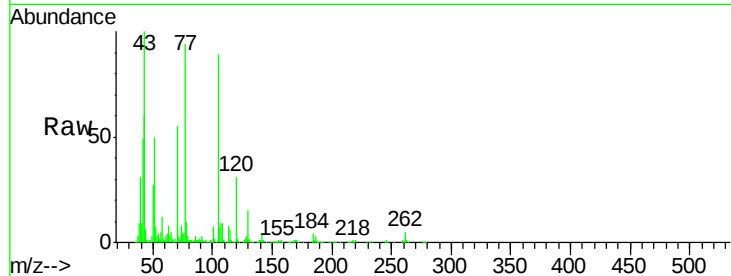
42 109.2 43.4 65.2#

101 12.0 7.8 11.6#

130 26.6 16.2 24.4#

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#16

4-Methylphenol

Concen: 1.93 ng/ul

RT: 9.58 min Scan# 341

Delta R.T. 0.08 min

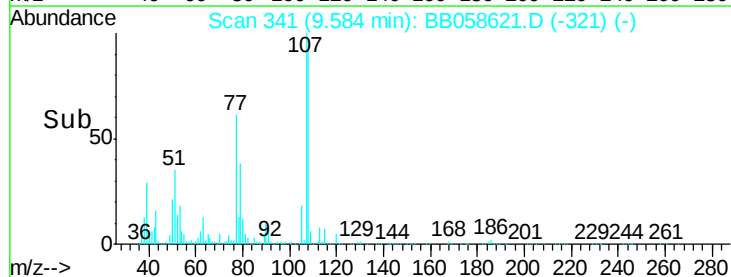
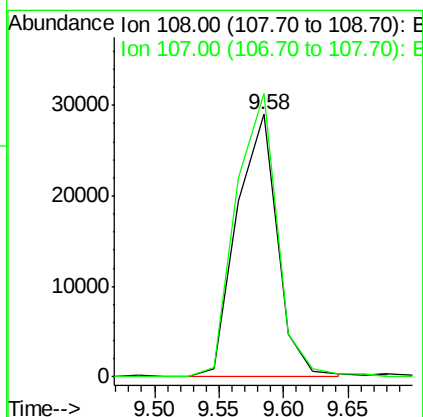
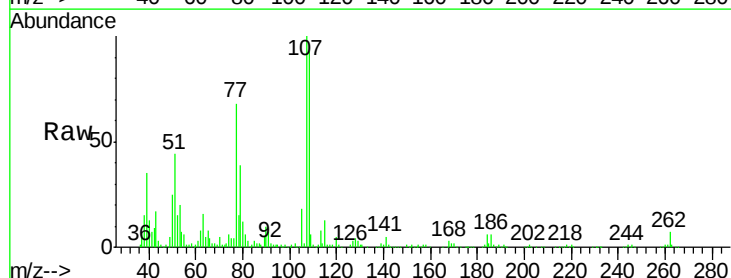
Lab File: BB058621.D

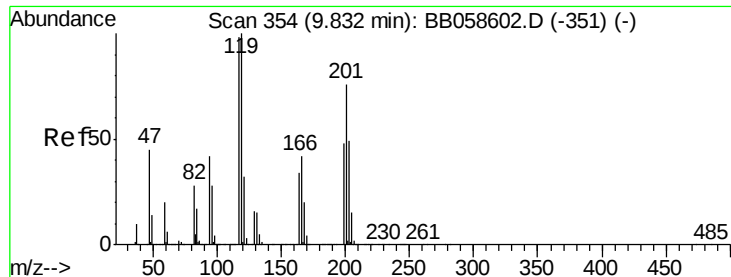
Acq: 12 Oct 2016 18:10

Tgt Ion: 108 Resp: 63339
Ion Ratio Lower Upper

108 100

107 107.9 87.8 131.8





#17

Hexachloroethane

Concen: 1.98 ng/ul

RT: 9.91 min Scan# 358

Delta R.T. 0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

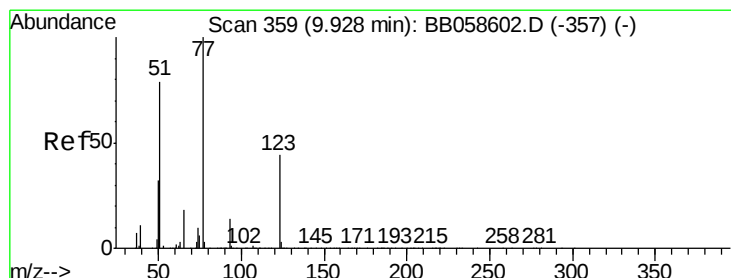
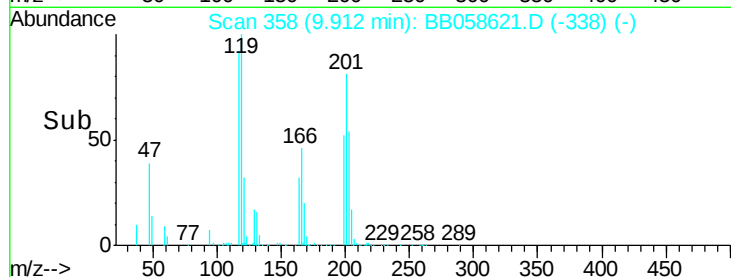
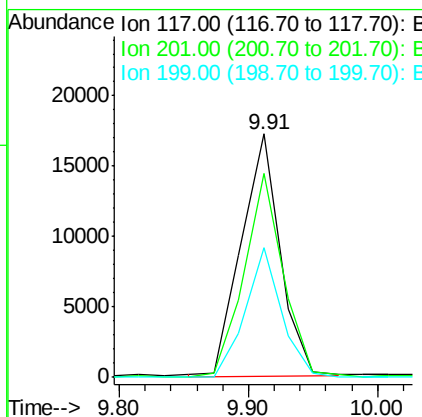
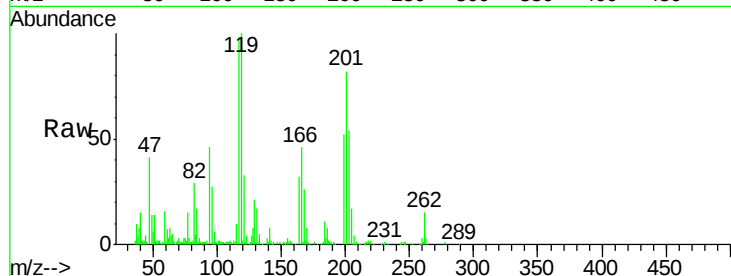
ClientSampleId :

MDL-07-W

Tgt Ion:	117	Resp:	36245
Ion Ratio	Lower	Upper	
117	100		
201	83.5	90.3	135.5#
199	53.3	58.5	87.7#

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#20

Nitrobenzene

Concen: 2.12 ng/ul

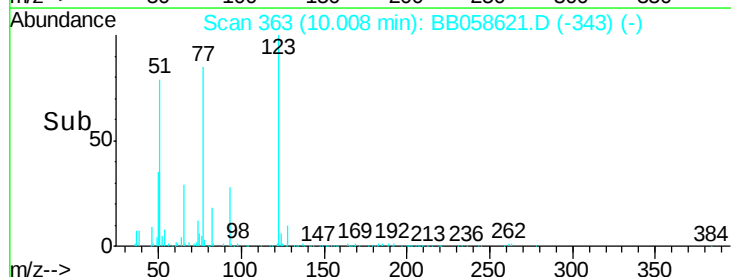
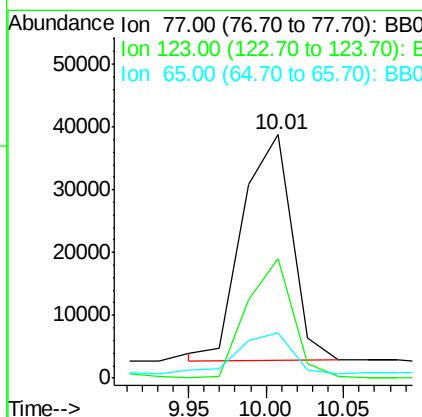
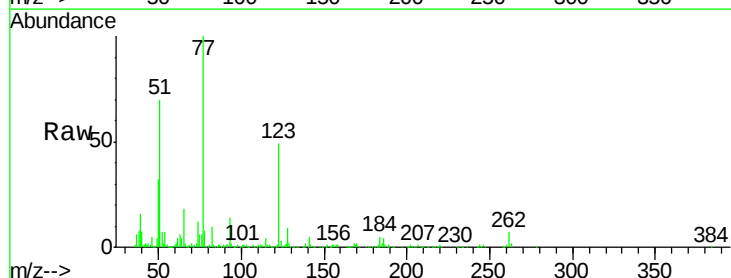
RT: 10.01 min Scan# 363

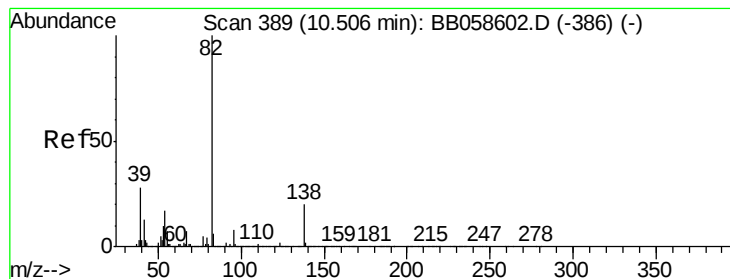
Delta R.T. 0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:	77	Resp:	80245
Ion Ratio	Lower	Upper	
77	100		
123	49.1	34.2	51.4
65	18.5	11.0	16.6#





#21

Isophorone

Concen: 2.04 ng/ul

RT: 10.57 min Scan# 392

Delta R.T. 0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

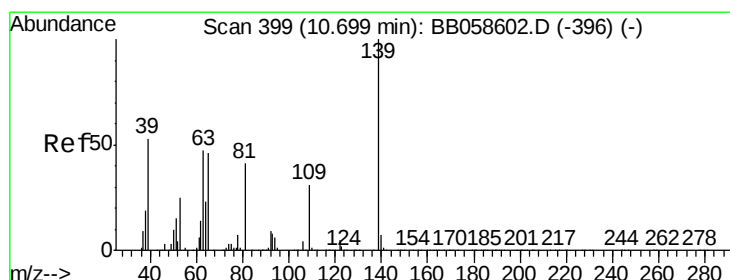
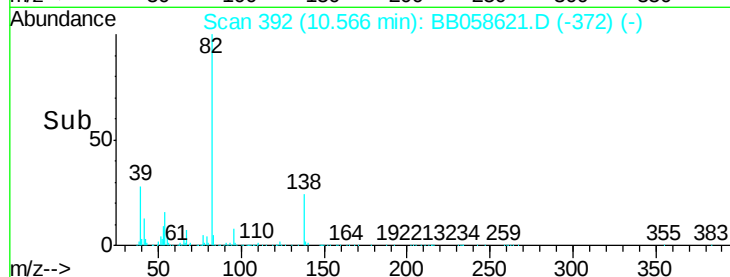
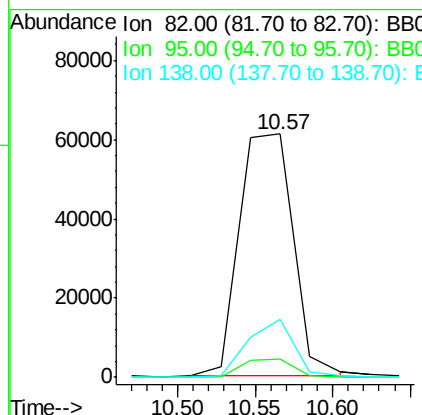
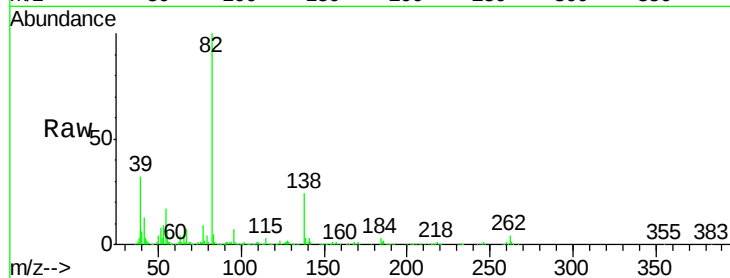
ClientSampleId :

MDL-07-W

Tgt Ion:	82	Resp:	149591
Ion Ratio		Lower	Upper
82	100		
95	7.5	6.9	10.3
138	23.6	13.8	20.8#

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#23

2-Nitrophenol

Concen: 2.19 ng/ul

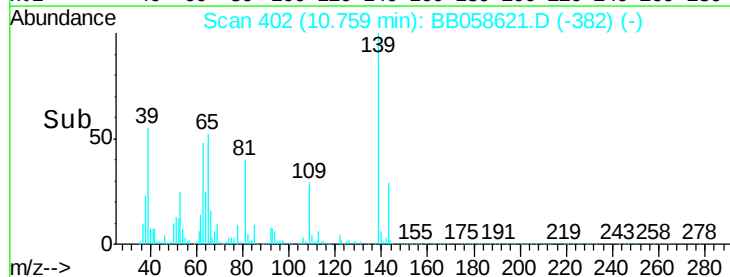
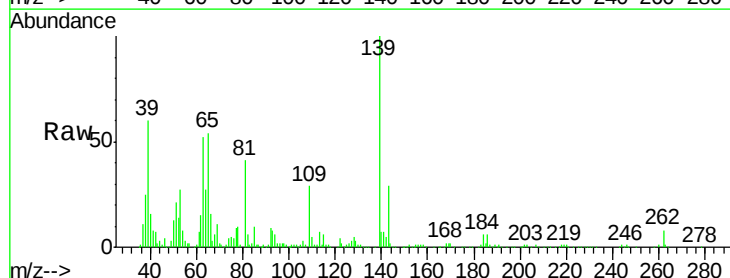
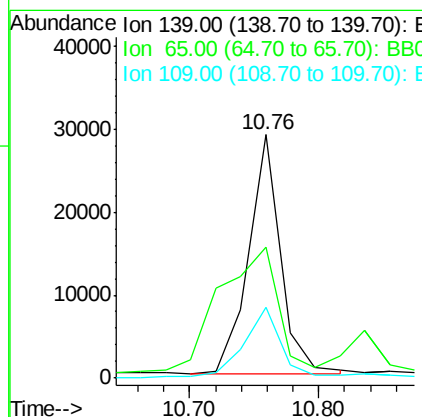
RT: 10.76 min Scan# 402

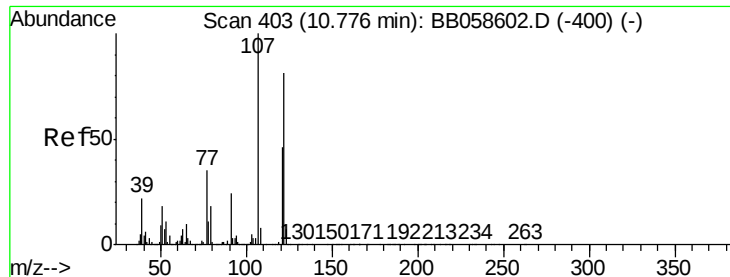
Delta R.T. 0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:	139	Resp:	49703
Ion Ratio		Lower	Upper
139	100		
65	53.9	44.2	66.4
109	29.2	28.2	42.4





#24

2,4-Dimethylphenol

Concen: 2.07 ng/ul

RT: 10.84 min Scan# 406

Delta R.T. 0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

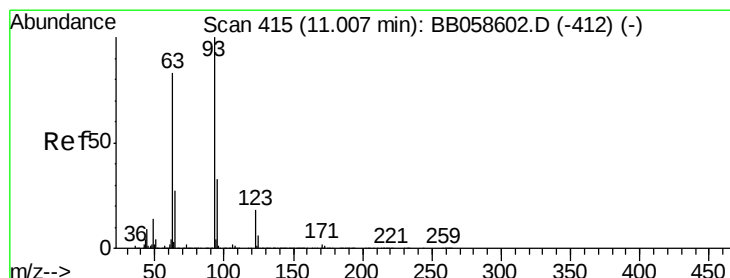
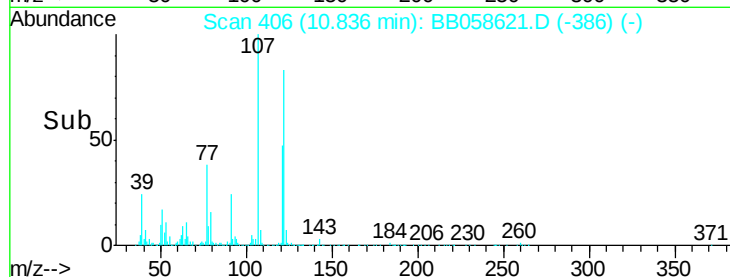
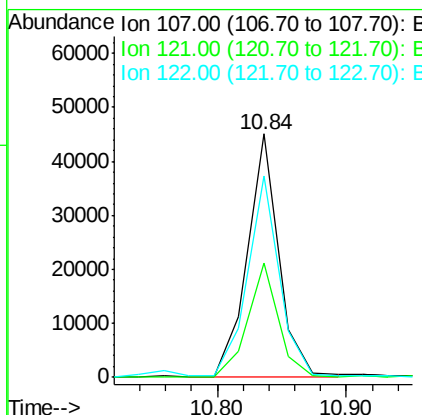
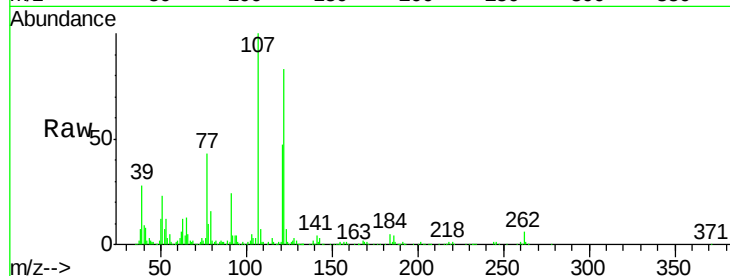
ClientSampleId :

MDL-07-W

Tgt Ion:	107	Resp:	76757
Ion Ratio	Lower	Upper	
107	100		
121	47.2	37.1	55.7
122	82.6	62.8	94.2

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#25

Bis(2-Chloroethoxy)methane

Concen: 2.06 ng/ul

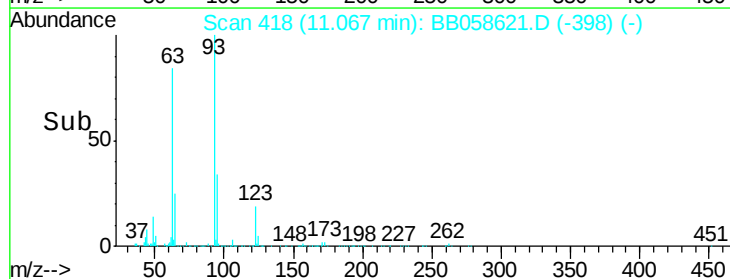
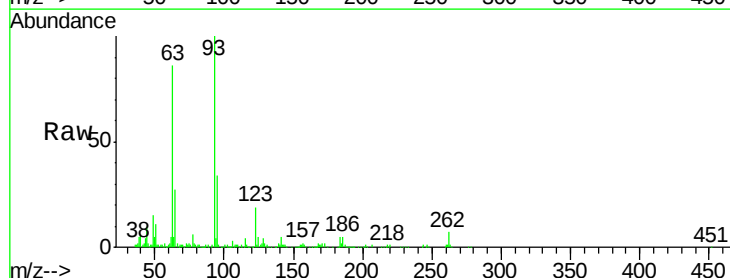
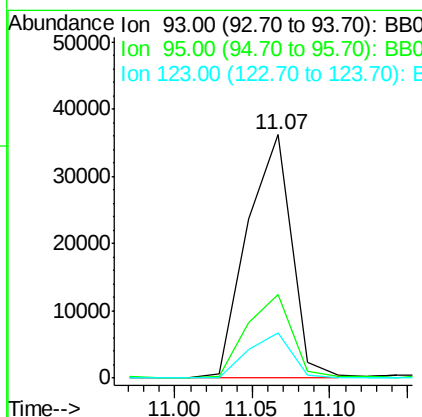
RT: 11.07 min Scan# 418

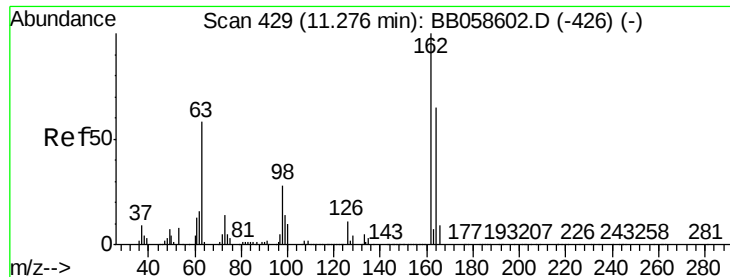
Delta R.T. 0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:	93	Resp:	72541
Ion Ratio	Lower	Upper	
93	100		
95	34.5	25.4	38.0
123	18.5	8.3	12.5#





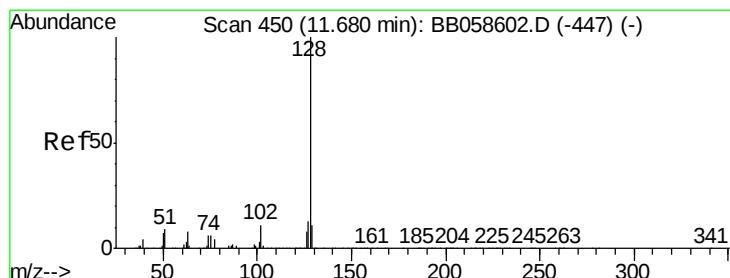
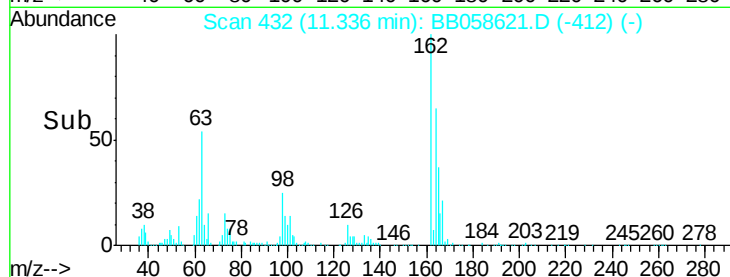
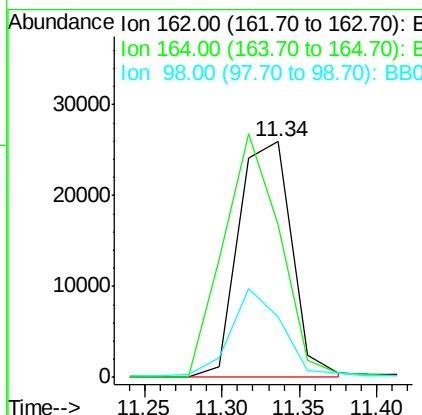
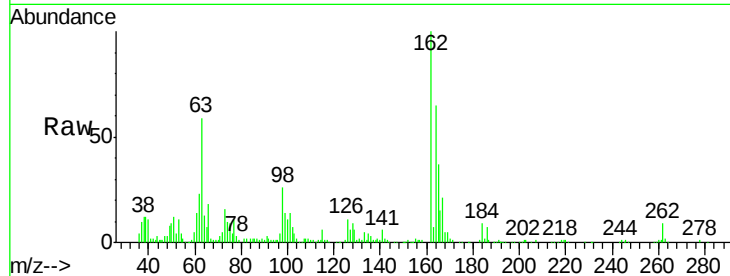
#27
2,4-Dichlorophenol
Concen: 2.01 ng/ul
RT: 11.34 min Scan# 432
Delta R.T. 0.08 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	62083		
164	65.1	51.6	77.4	
98	25.8	28.4	42.6	

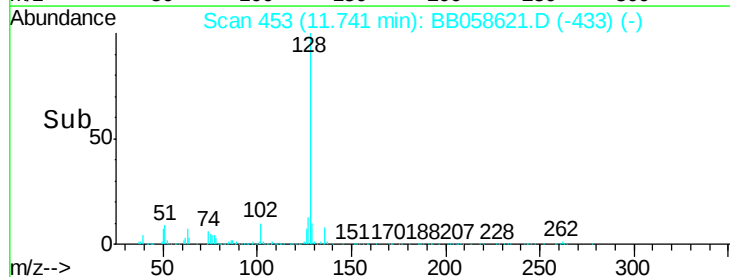
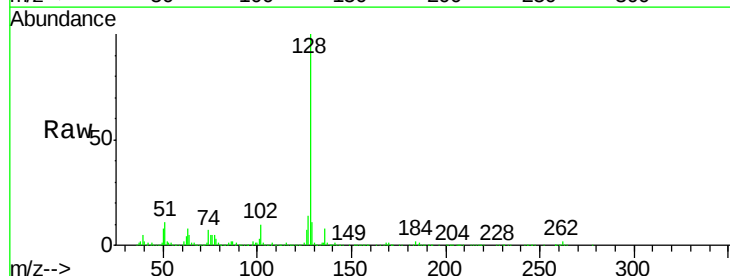
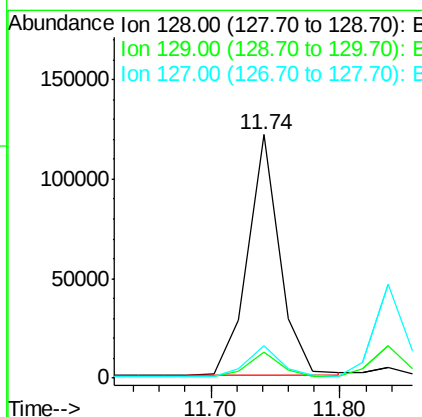
Manual Integrations
APPROVED

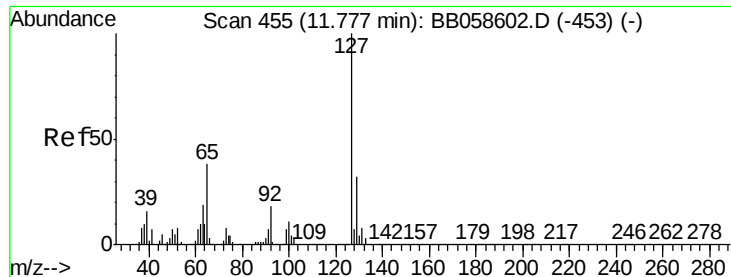
SOHIL
10/13/2016 11:12:41 AM



#28
Naphthalene
Concen: 2.24 ng/ul
RT: 11.74 min Scan# 453
Delta R.T. 0.08 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	208087		
129	10.6	8.6	12.8	
127	13.6	10.6	15.8	





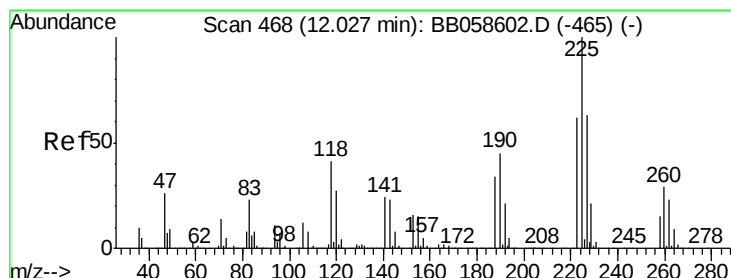
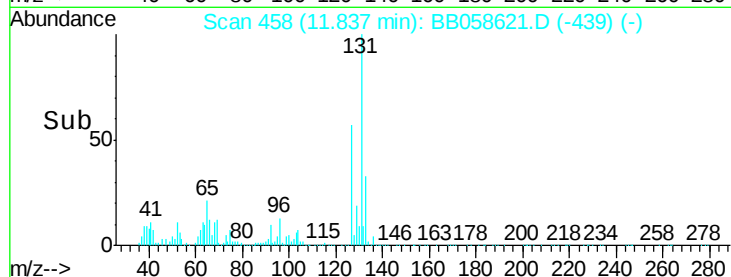
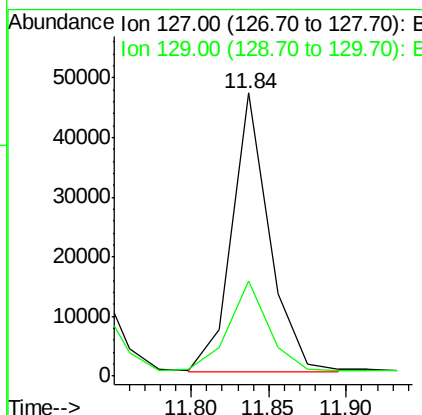
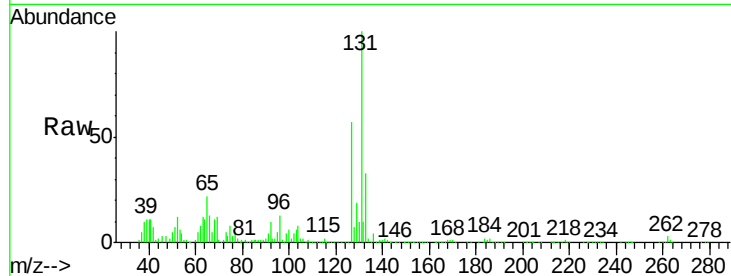
#30
4-Chloroaniline
Concen: 2.25 ng/ul
RT: 11.84 min Scan# 458
Delta R.T. 0.06 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampled :
MDL-07-W

Tgt Ion:127 Resp: 79109
Ion Ratio Lower Upper
127 100
129 33.9 24.6 37.0

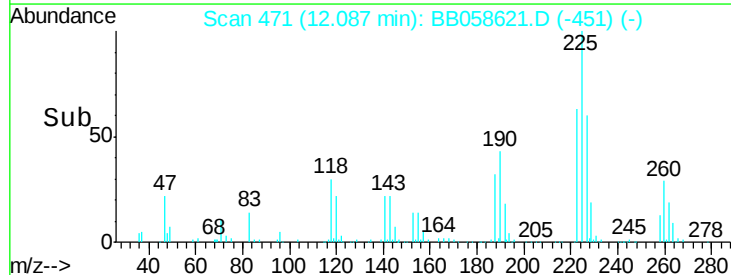
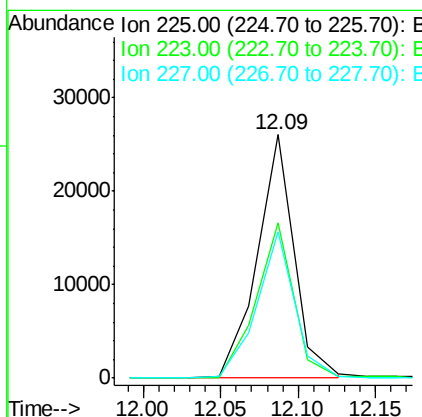
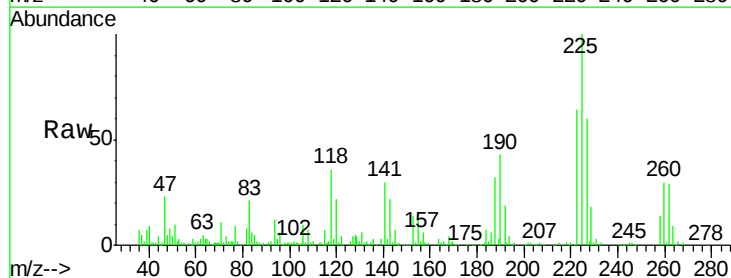
Manual Integrations
APPROVED

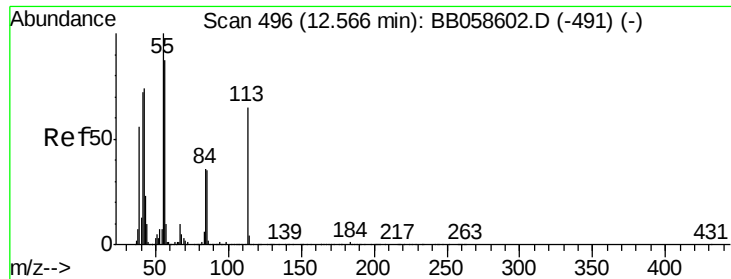
SOHIL
10/13/2016 11:12:41 AM



#31
Hexachlorobutadiene
Concen: 2.06 ng/ul
RT: 12.09 min Scan# 471
Delta R.T. 0.08 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion:225 Resp: 43509
Ion Ratio Lower Upper
225 100
223 63.8 51.2 76.8
227 60.0 52.5 78.7





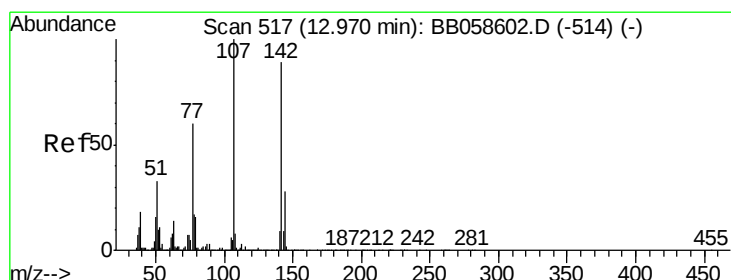
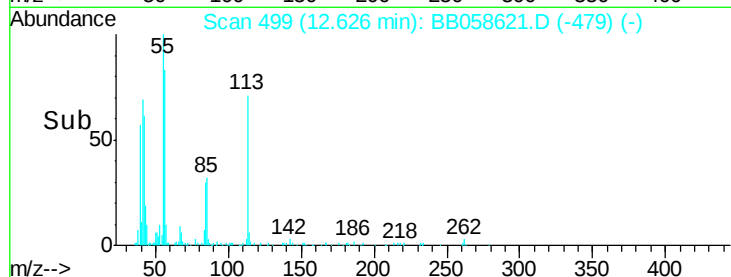
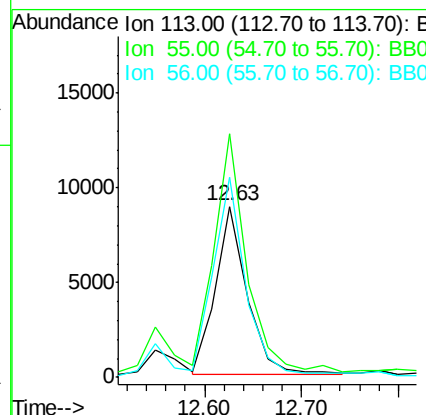
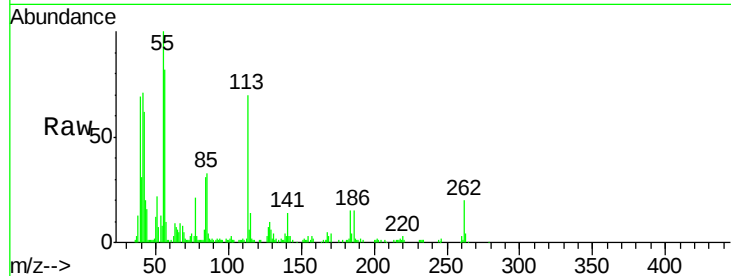
#32
 Caprolactam
 Concen: 1.80 ng/ul
 RT: 12.63 min Scan# 499
 Delta R.T. 0.08 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	20203		
55	142.5	121.9	182.9	
56	116.8	97.4	146.0	

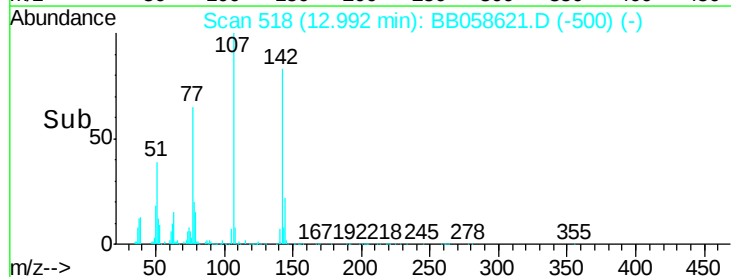
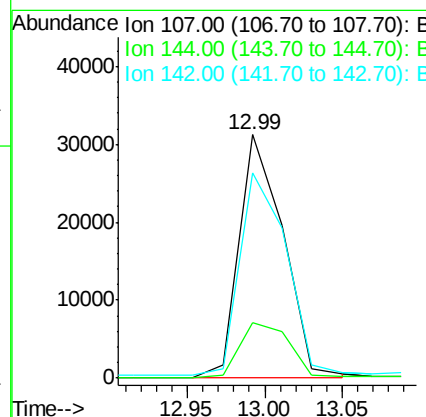
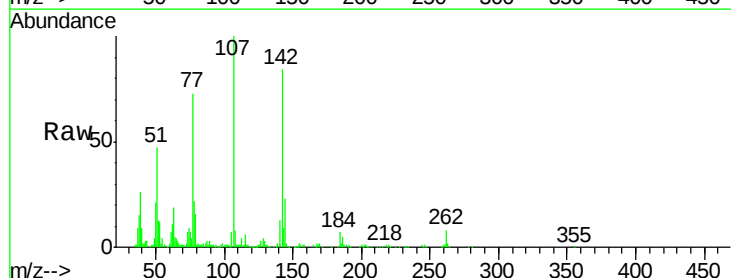
Manual Integrations
 APPROVED

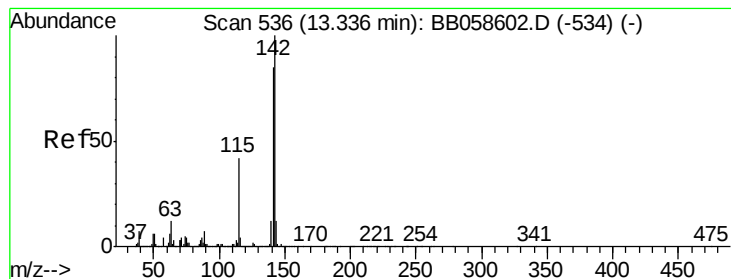
SOHIL
 10/13/2016 11:12:41 AM



#33
 4-Chloro-3-methylphenol
 Concen: 2.02 ng/ul
 RT: 12.99 min Scan# 518
 Delta R.T. 0.04 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	62113		
144	22.7	21.1	31.7	
142	84.4	64.1	96.1	





#34

2-Methylnaphthalene

Concen: 2.18 ng/ul

RT: 13.38 min Scan# 538

Delta R.T. 0.04 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

ClientSampled :

MDL-07-W

Tgt Ion:142 Resp: 140143

Ion Ratio Lower Upper

142 100

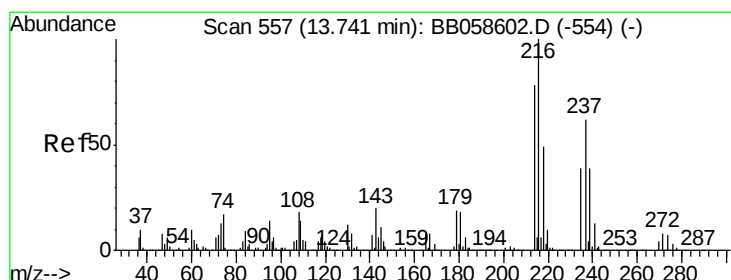
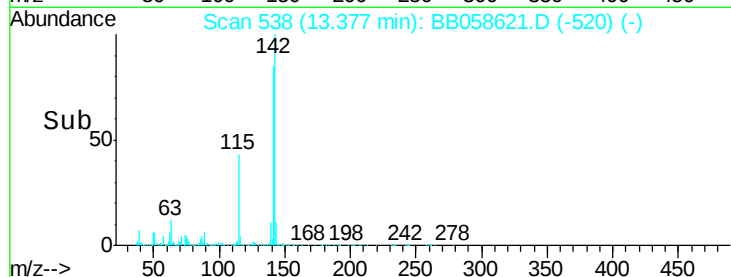
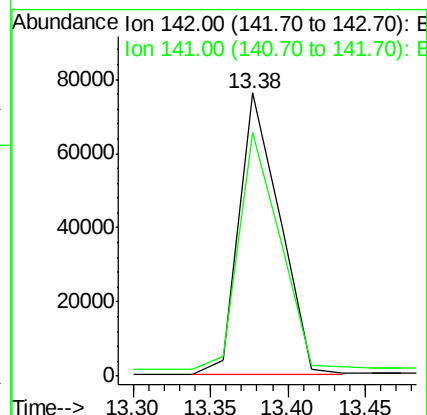
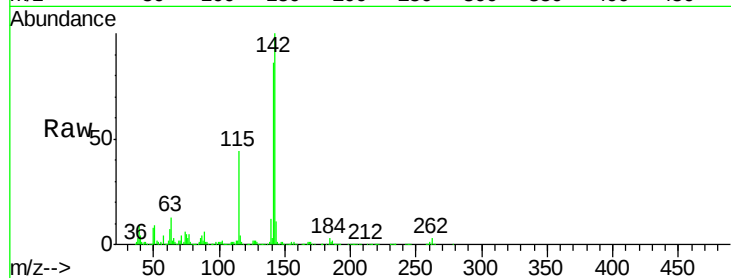
141 86.1 71.3 106.9

Manual Integrations

APPROVED

SOHIL

10/13/2016 11:12:41 AM



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.16 ng/ul

RT: 13.78 min Scan# 559

Delta R.T. 0.06 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:216 Resp: 75073

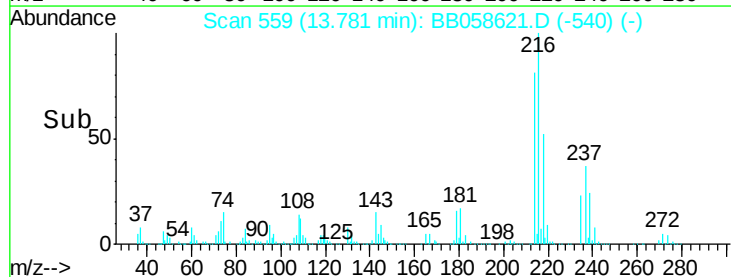
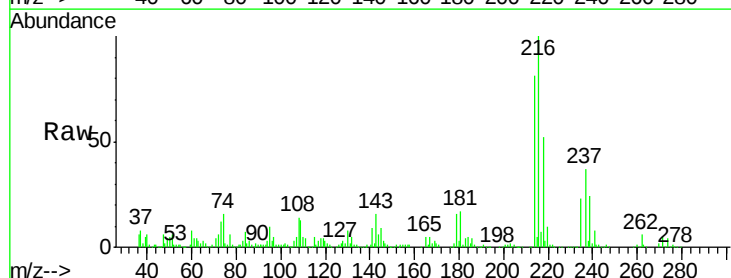
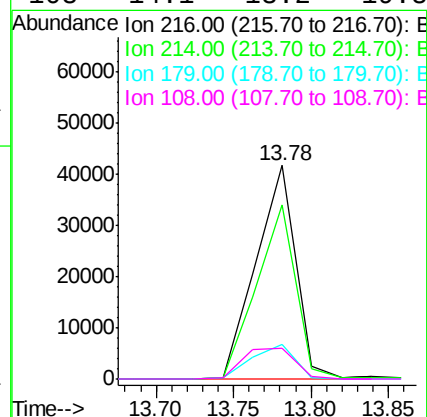
Ion Ratio Lower Upper

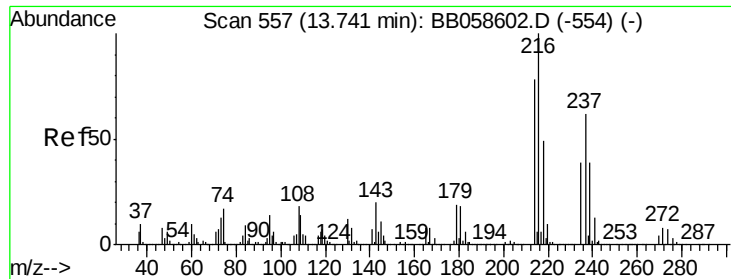
216 100

214 81.3 64.8 97.2

179 16.2 16.7 25.1#

108 14.1 13.2 19.8





#37

Hexachlorocyclopentadiene

Concen: 1.08 ng/ul

RT: 13.78 min Scan# 559

Delta R.T. 0.06 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

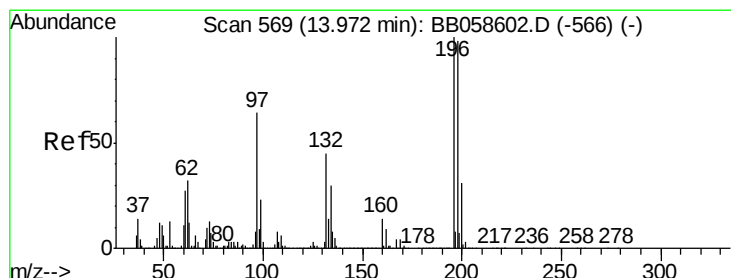
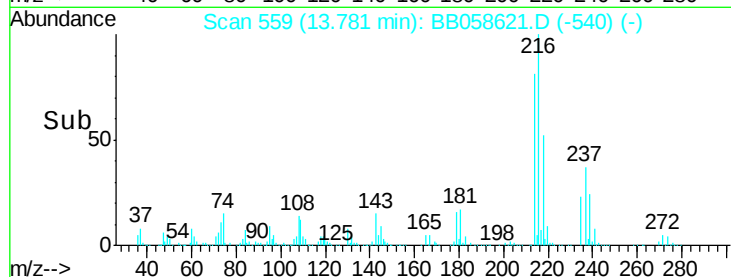
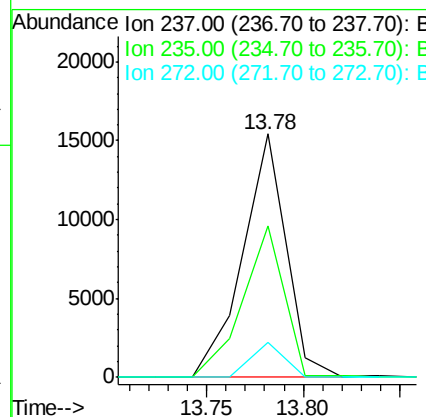
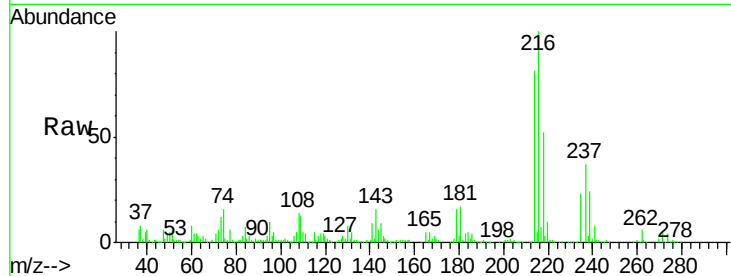
ClientSampleId :

MDL-07-W

Tgt Ion:	237	Resp:	23825
Ion Ratio	Lower	Upper	
237	100		
235	62.1	49.6	74.4
272	14.3	10.4	15.6

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#38

2,4,6-Trichlorophenol

Concen: 2.06 ng/ul

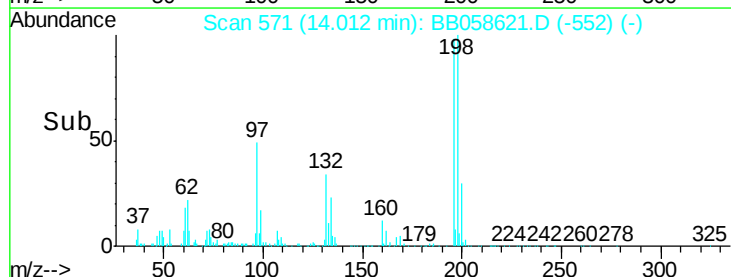
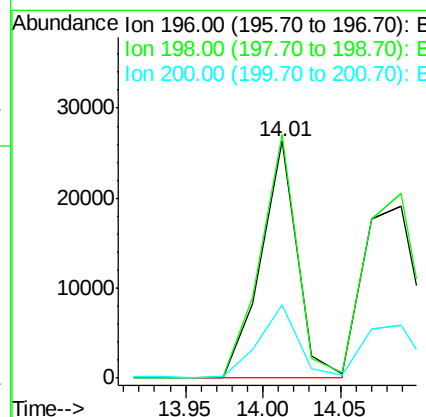
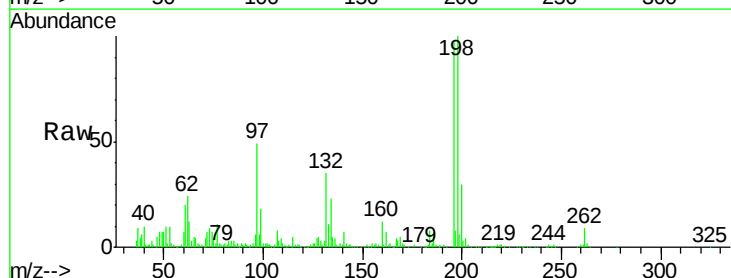
RT: 14.01 min Scan# 571

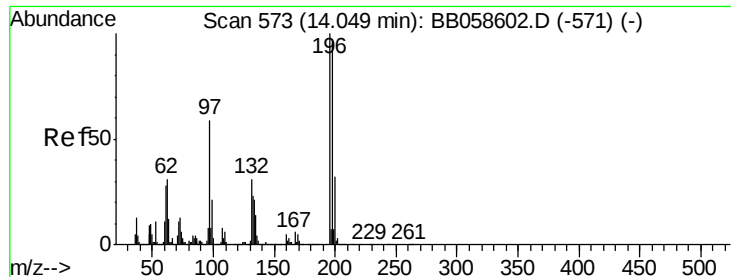
Delta R.T. 0.06 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:	196	Resp:	43580
Ion Ratio	Lower	Upper	
196	100		
198	102.7	76.9	115.3
200	30.9	25.1	37.7





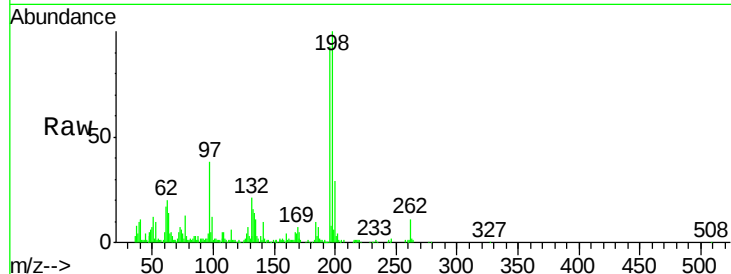
#39
 2,4,5-Trichlorophenol
 Concen: 1.92 ng/ul
 RT: 14.09 min Scan# 575
 Delta R.T. 0.06 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-W

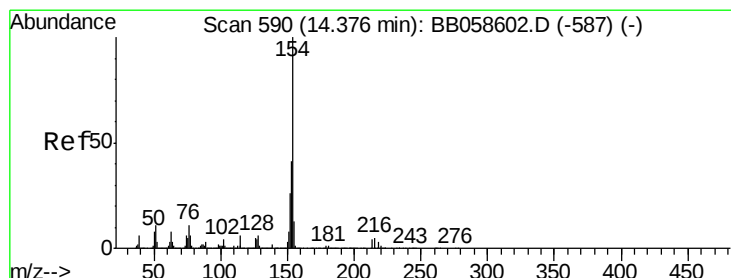
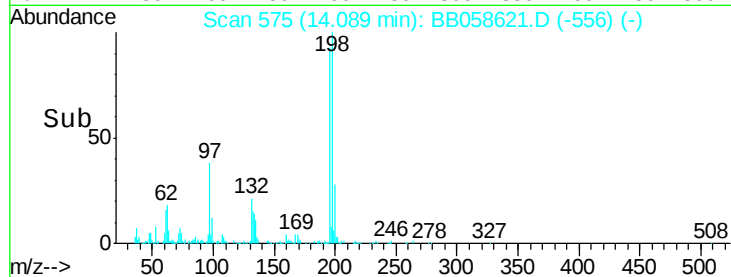
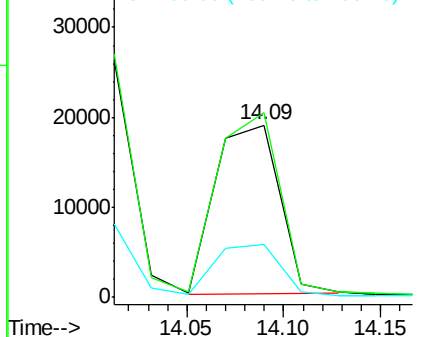
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	43035		
198	107.6	76.8	115.2	
200	30.7	27.0	40.4	

Manual Integrations
 APPROVED

SOHIL
 10/13/2016 11:12:41 AM

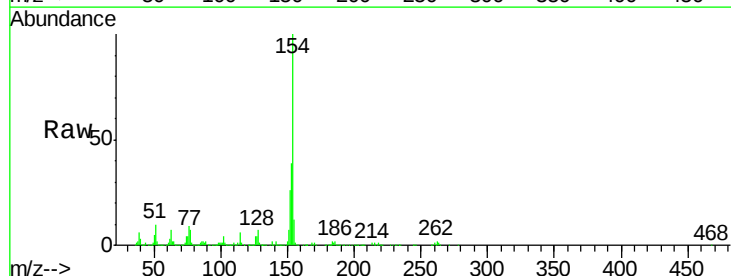


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

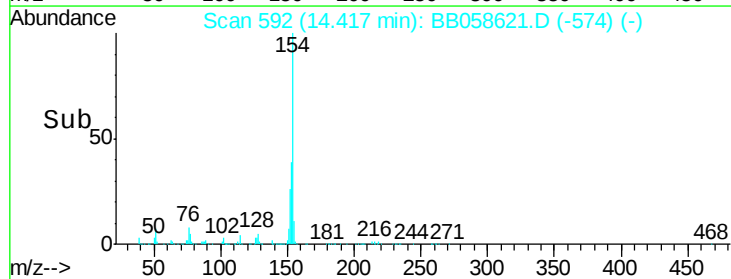
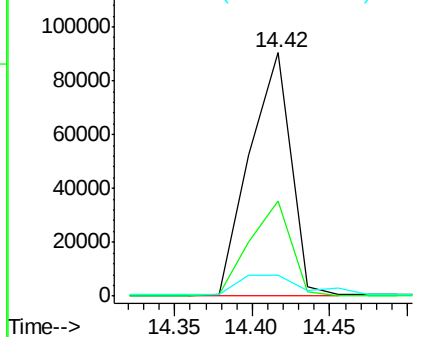


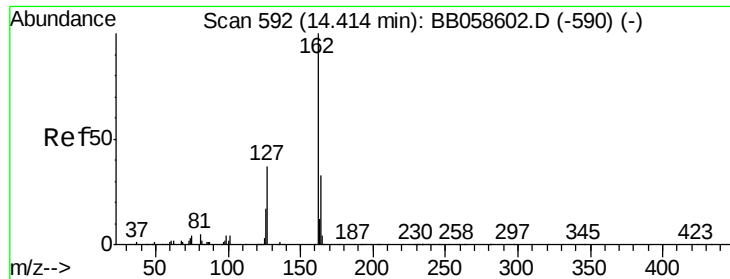
#40
 1,1'-Biphenyl
 Concen: 2.24 ng/ul
 RT: 14.42 min Scan# 592
 Delta R.T. 0.04 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	170324		
153	39.3	31.3	46.9	
76	8.8	10.0	15.0	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BB0





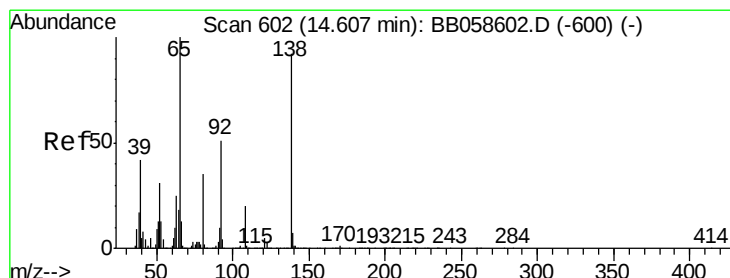
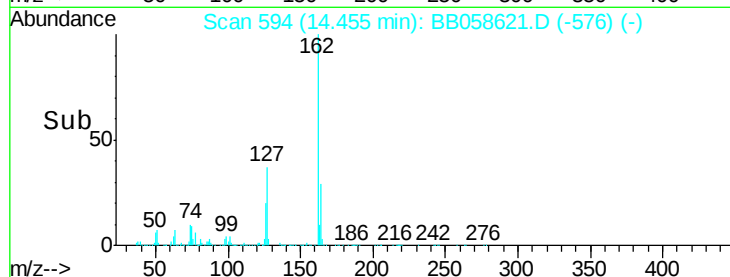
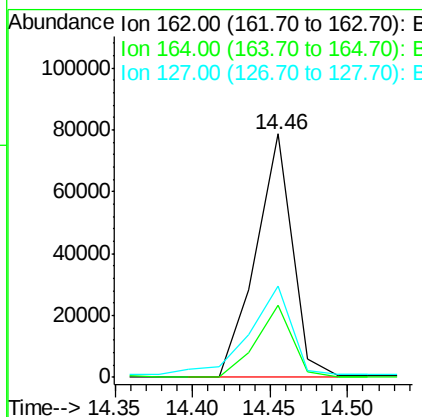
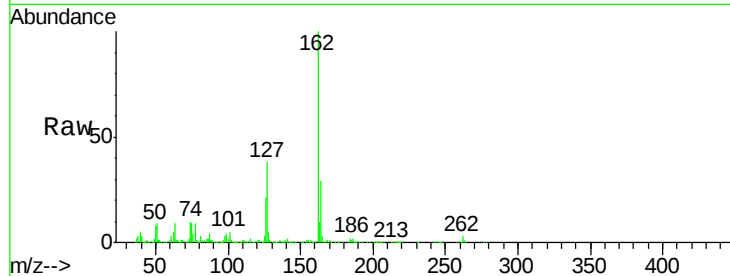
#41
 2-Chloronaphthalene
 Concen: 2.17 ng/ul
 RT: 14.46 min Scan# 594
 Delta R.T. 0.04 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Instrument :
 BNA_B
 ClientSampled :
 MDL-07-W

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	29.4	26.9	40.3
127	37.5	31.2	46.8

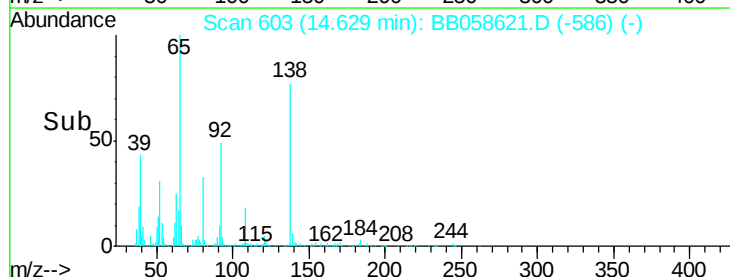
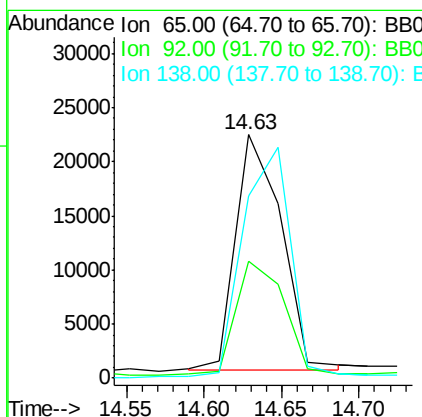
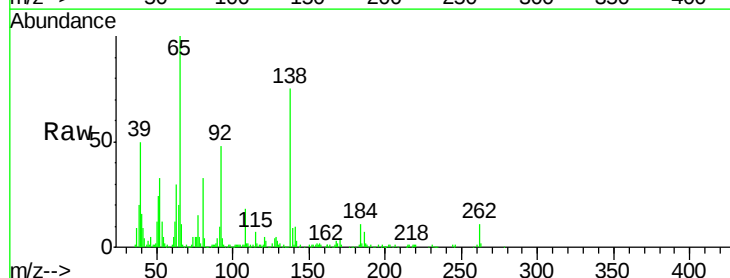
Manual Integrations
 APPROVED

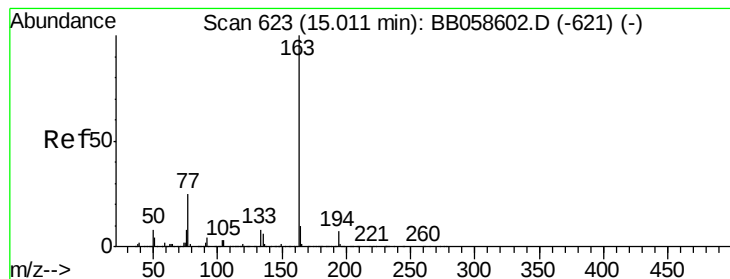
SOHIL
 10/13/2016 11:12:41 AM



#42
 2-Nitroaniline
 Concen: 1.95 ng/ul
 RT: 14.63 min Scan# 603
 Delta R.T. 0.02 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	47.9	55.6	83.4#
138	74.7	81.3	121.9#





#44

Dimethylphthalate

Concen: 2.20 ng/ul

RT: 15.03 min Scan# 624

Delta R.T. 0.02 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

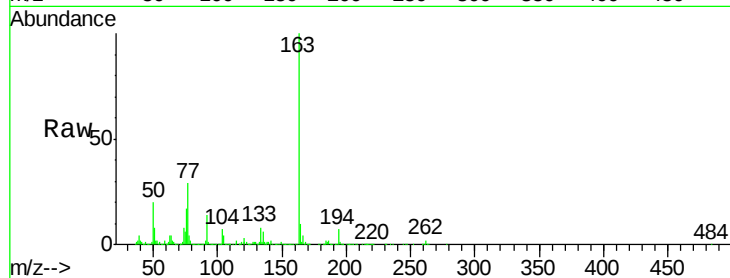
ClientSampleId :

MDL-07-W

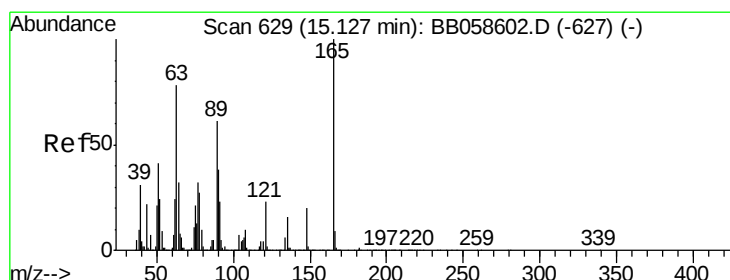
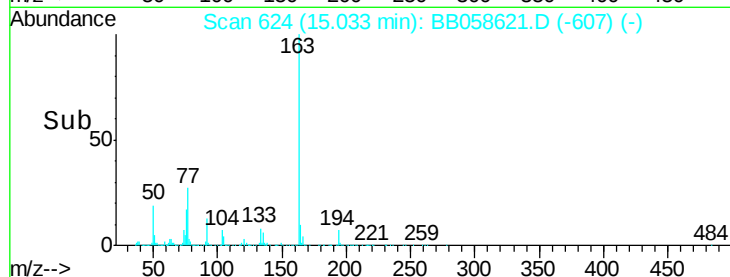
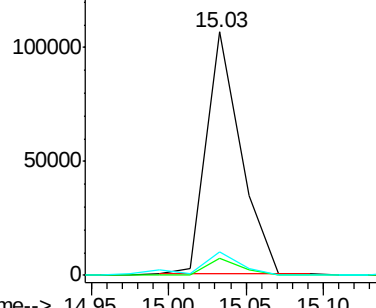
Tgt Ion:	163	Resp:	165809
Ion Ratio	Lower	Upper	
163	100		
194	6.8	3.4	5.2#
164	9.8	7.8	11.8

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 2.07 ng/ul

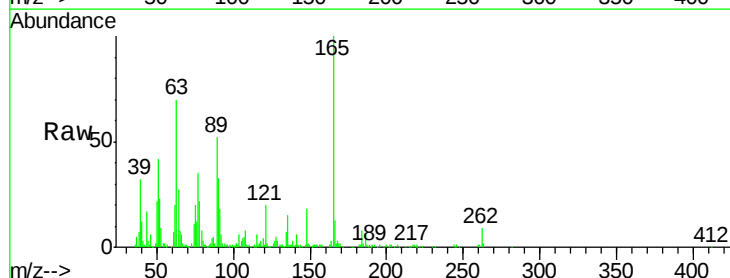
RT: 15.15 min Scan# 630

Delta R.T. 0.04 min

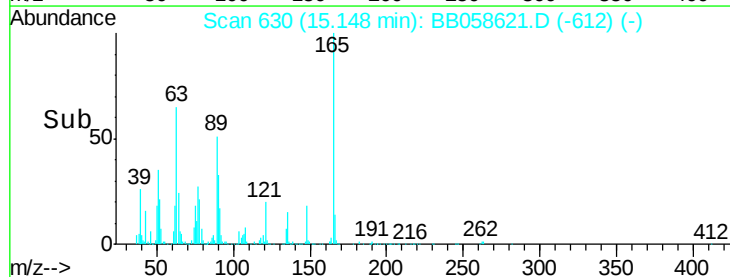
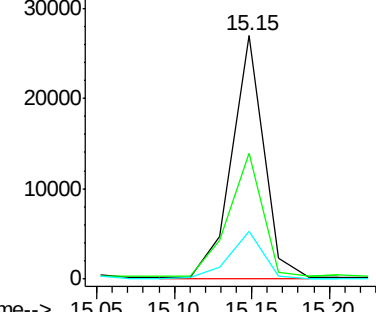
Lab File: BB058621.D

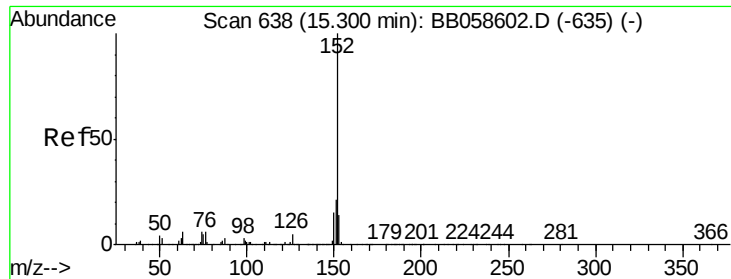
Acq: 12 Oct 2016 18:10

Tgt Ion:	165	Resp:	39469
Ion Ratio	Lower	Upper	
165	100		
89	51.6	46.6	69.8
121	19.6	16.0	24.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BB0
Ion 121.00 (120.70 to 121.70): E





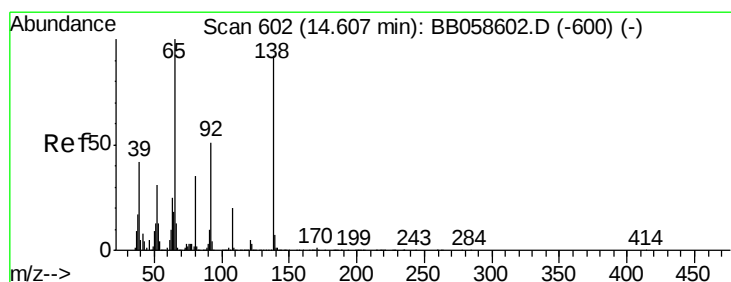
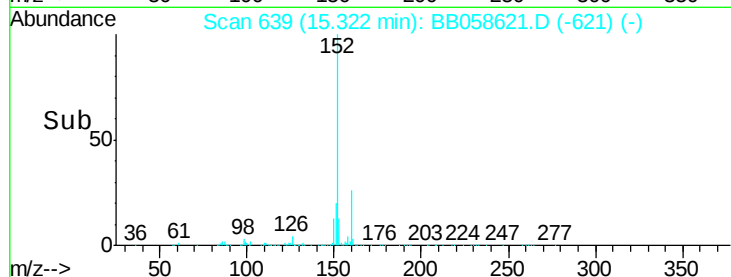
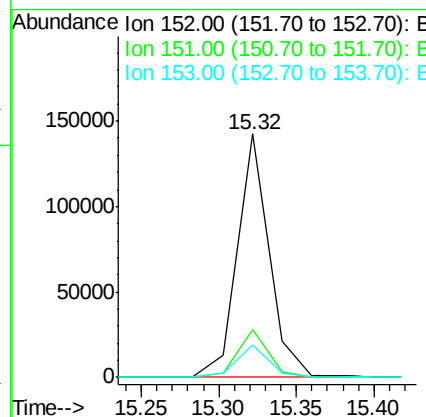
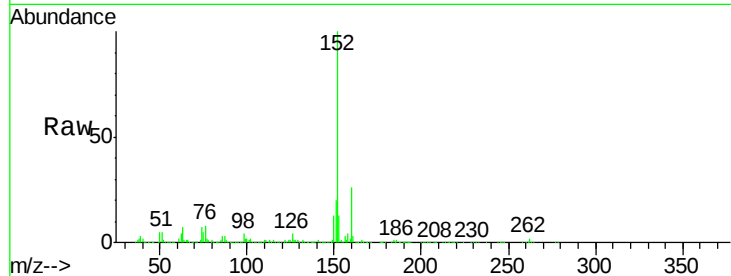
#47
Acenaphthylene
Concen: 2.38 ng/ul
RT: 15.32 min Scan# 639
Delta R.T. 0.04 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.4	11.0	16.6

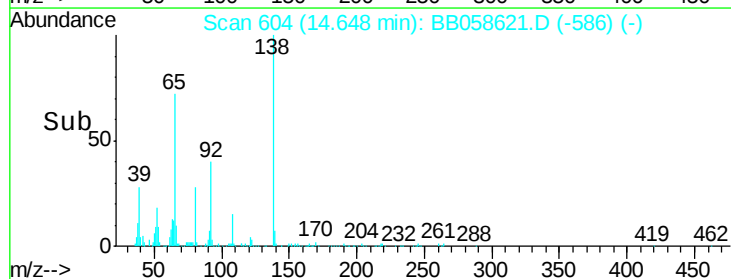
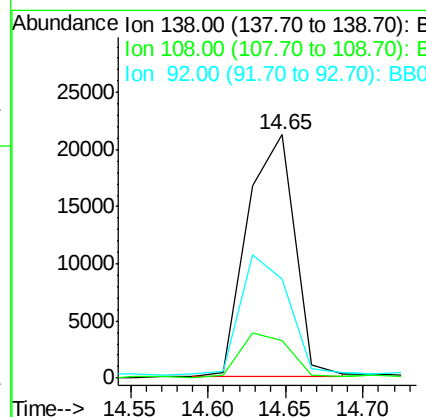
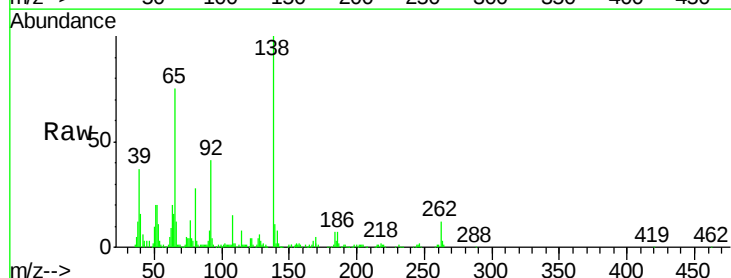
Manual Integrations
APPROVED

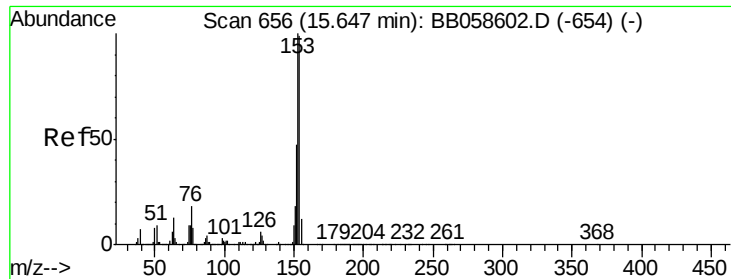
SOHIL
10/13/2016 11:12:41 AM



#48
3-Nitroaniline
Concen: 1.83 ng/ul
RT: 14.65 min Scan# 604
Delta R.T. 0.04 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
108	15.3	9.4	14.0#
92	40.7	96.6	145.0#





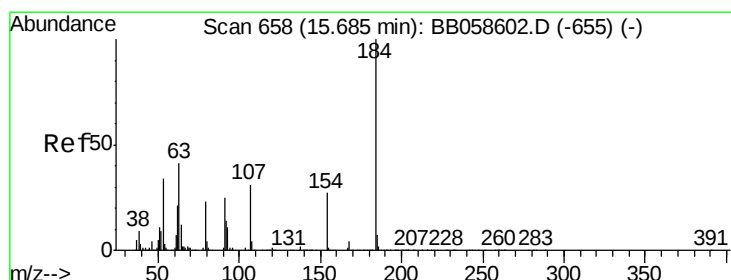
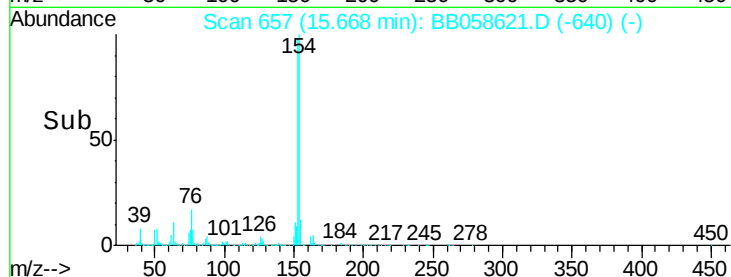
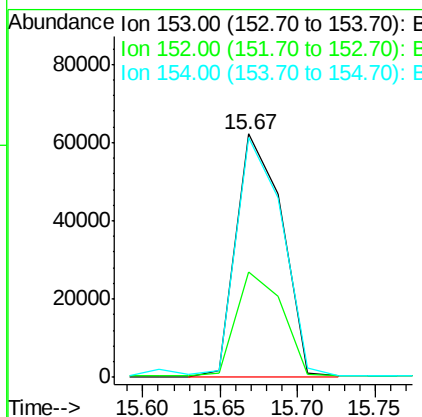
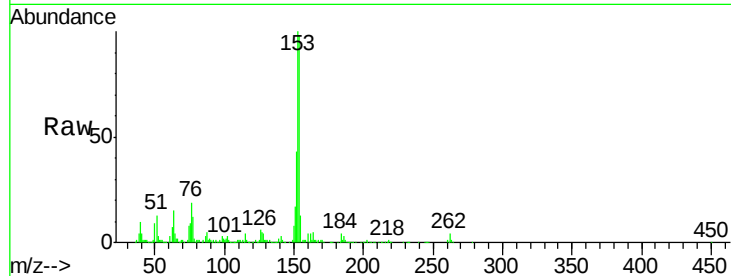
#49
Acenaphthene
Concen: 2.18 ng/ul
RT: 15.67 min Scan# 657
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	129052		
152	43.5		37.8	56.6
154	98.4		71.4	107.0

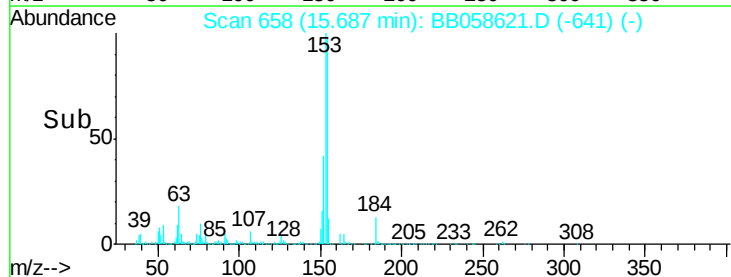
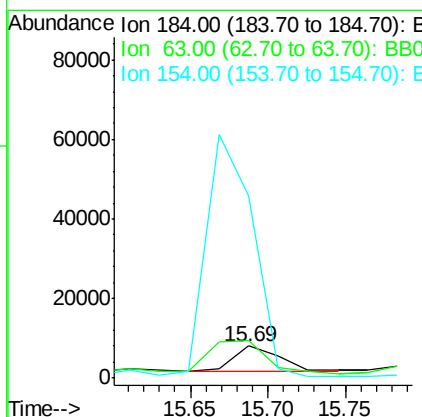
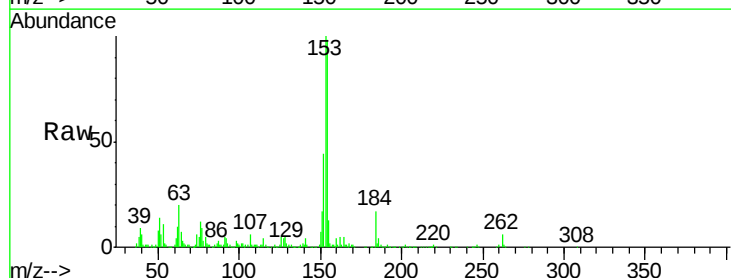
Manual Integrations
APPROVED

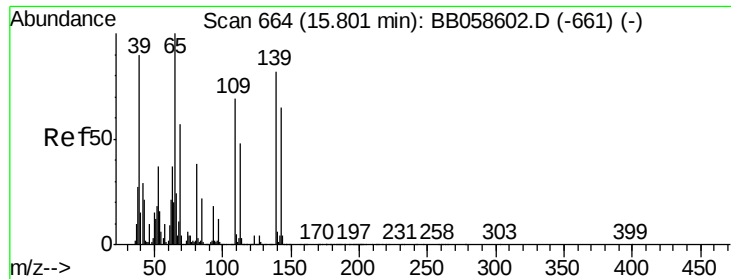
SOHIL
10/13/2016 11:12:41 AM



#50
2,4-Dinitrophenol
Concen: 0.99 ng/ul
RT: 15.69 min Scan# 658
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	13437		
63	118.5		43.4	65.0#
154	570.8		48.2	72.4#





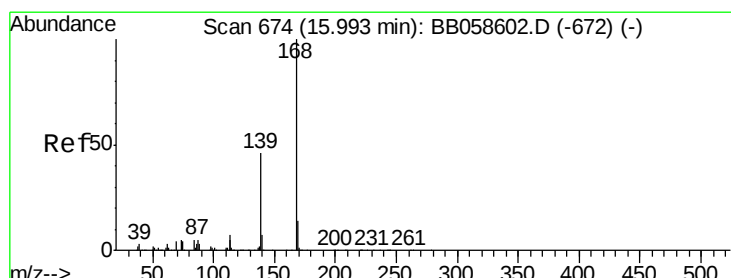
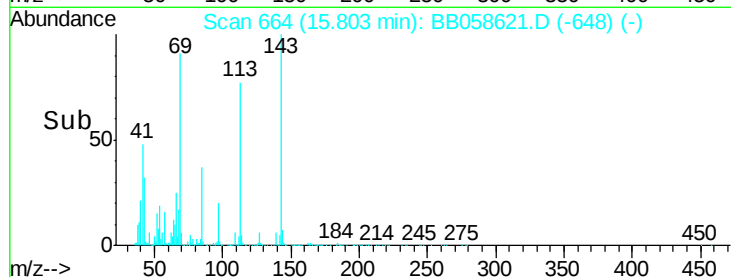
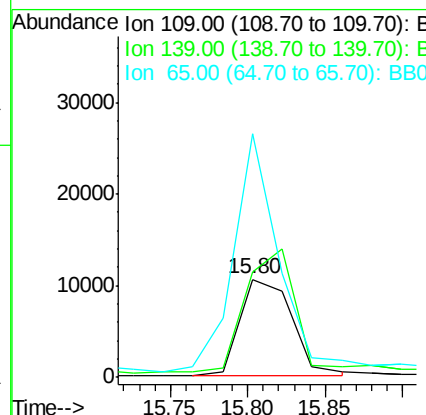
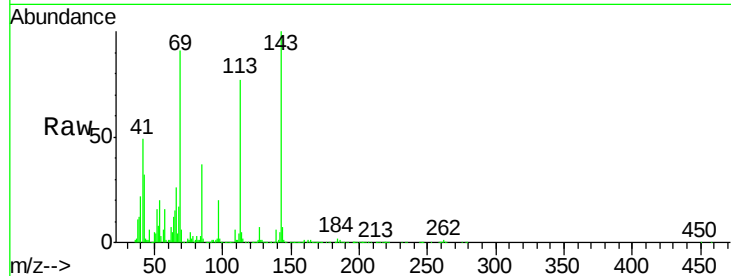
#52
4-Nitrophenol
Concen: 1.78 ng/ul
RT: 15.80 min Scan# 664
Delta R.T. -0.00 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	25075		
139	108.1	88.7	133.1	
65	249.2	96.4	144.6	

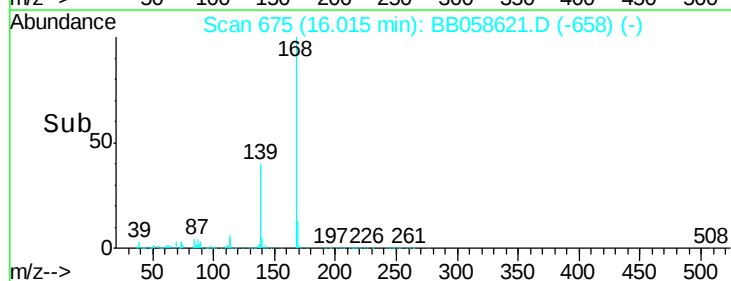
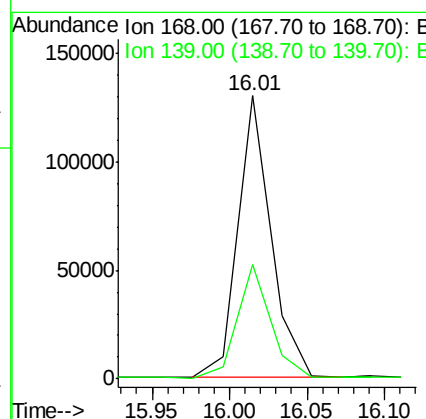
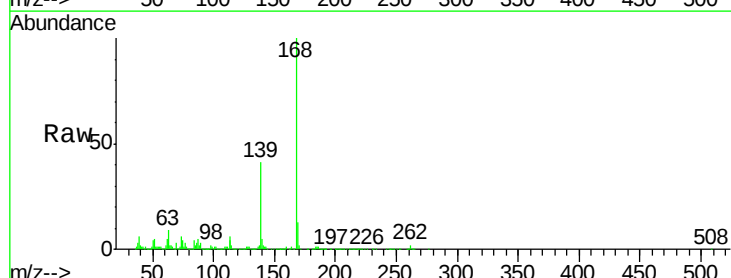
Manual Integrations
APPROVED

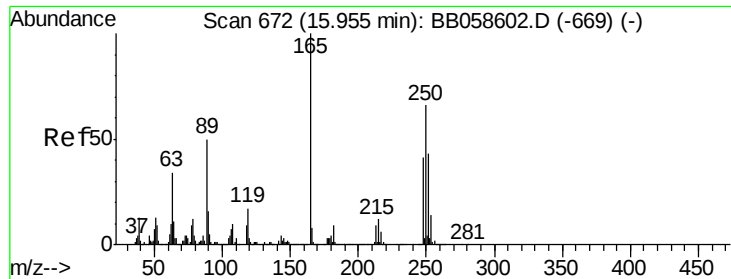
SOHIL
10/13/2016 11:12:41 AM



#53
Dibenzofuran
Concen: 2.31 ng/ul
RT: 16.01 min Scan# 675
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	194553		
139	40.6	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 2.09 ng/ul

RT: 15.96 min Scan# 672

Delta R.T. 0.02 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

ClientSampleId :

MDL-07-W

Tgt Ion:165 Resp: 55428
Ion Ratio Lower Upper

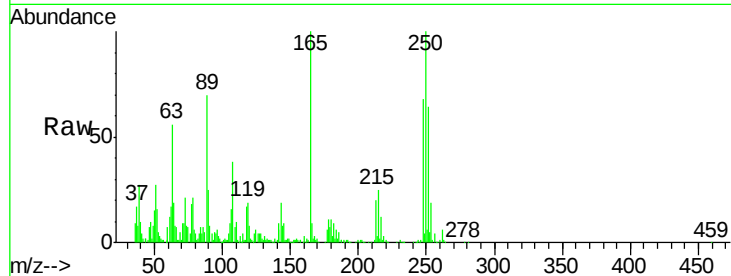
165 100

63 56.5 36.2 54.2#

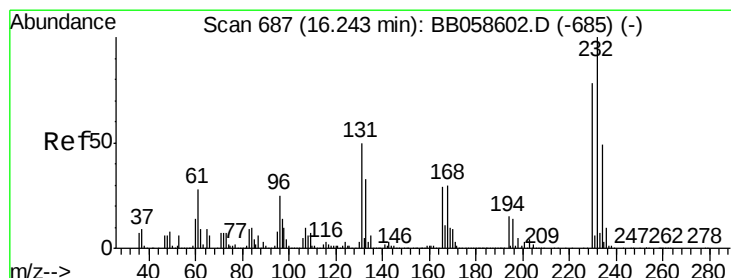
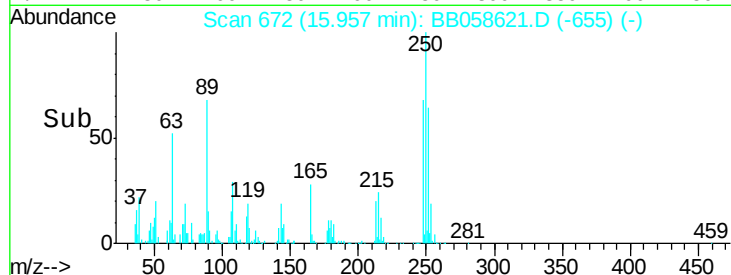
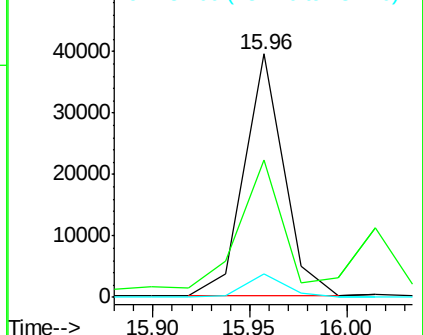
182 9.4 2.2 3.4#

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BB0
Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 1.95 ng/ul

RT: 16.27 min Scan# 688

Delta R.T. 0.02 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:232 Resp: 38273
Ion Ratio Lower Upper

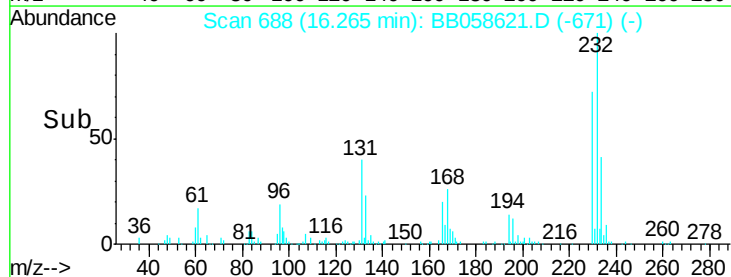
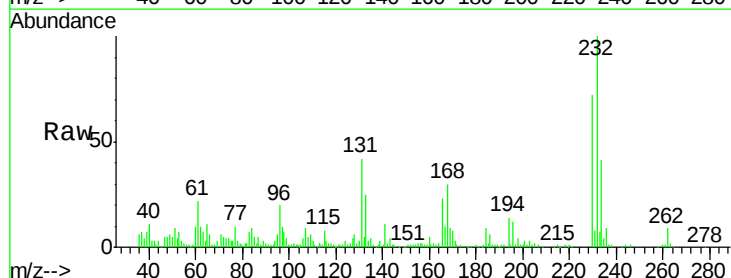
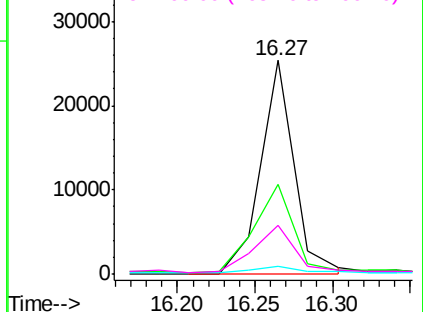
232 100

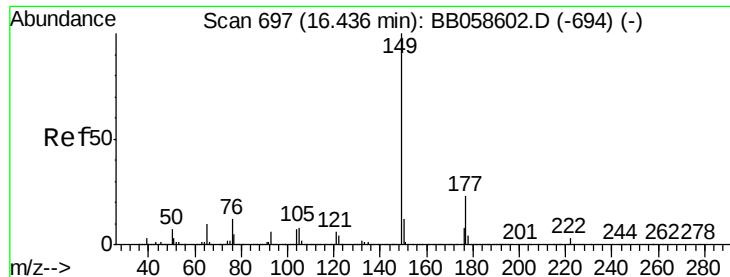
131 41.9 31.4 47.0

130 3.3 1.6 2.4#

166 22.9 22.6 33.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 2.24 ng/ul

RT: 16.44 min Scan# 697

Delta R.T. 0.02 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

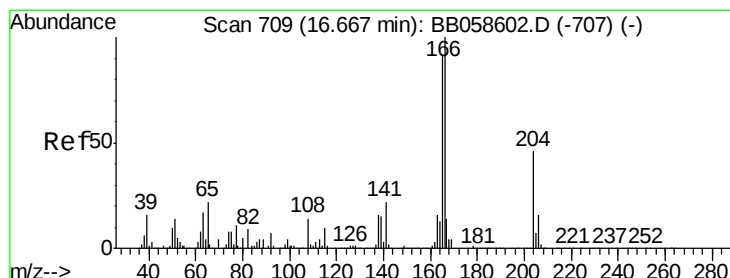
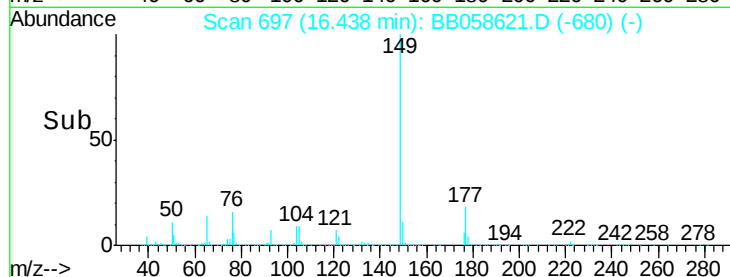
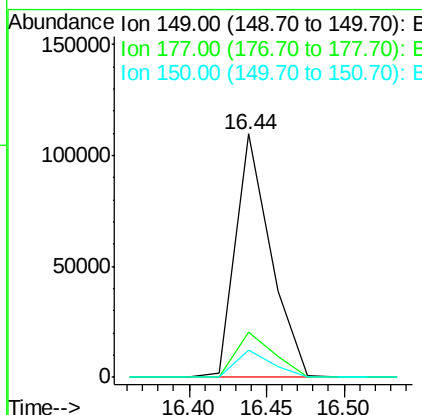
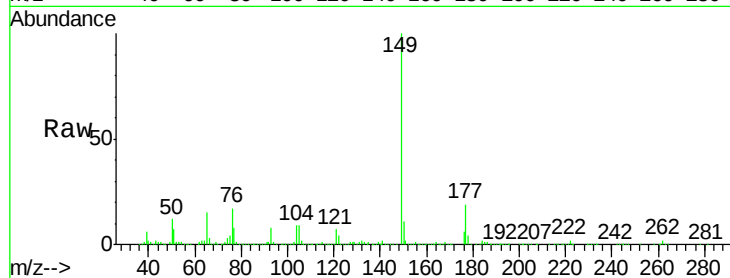
ClientSampled :

MDL-07-W

Tgt Ion:	149	Resp:	175139
Ion Ratio	Lower	Upper	
149	100		
177	18.5	18.6	28.0#
150	11.4	10.0	15.0

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#58

Fluorene

Concen: 2.16 ng/ul

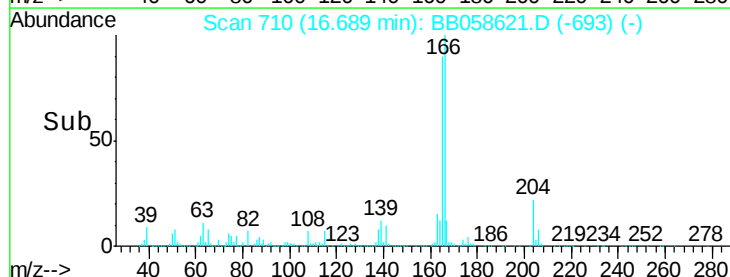
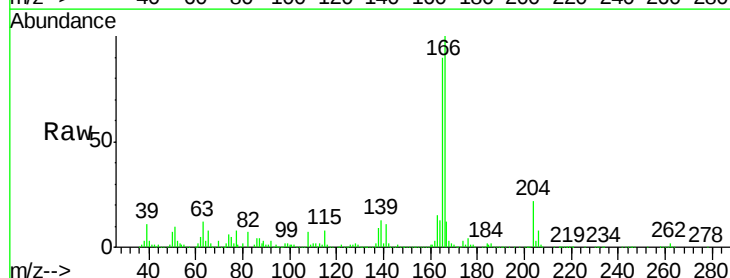
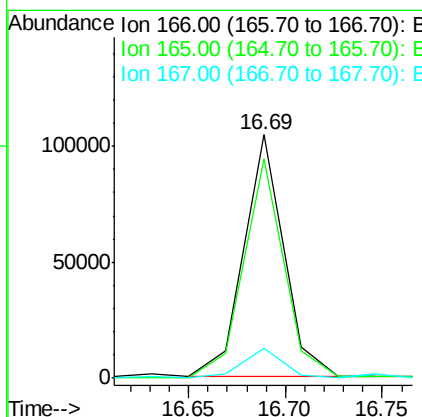
RT: 16.69 min Scan# 710

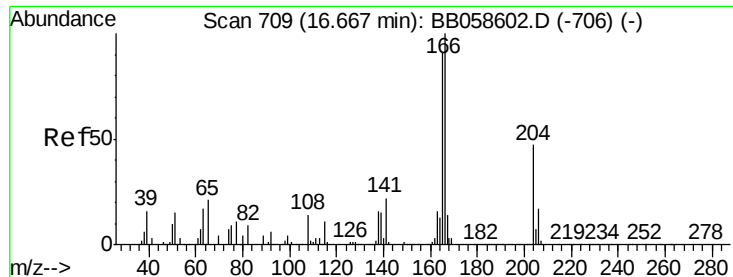
Delta R.T. 0.02 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:	166	Resp:	148193
Ion Ratio	Lower	Upper	
166	100		
165	90.3	79.9	119.9
167	12.1	10.5	15.7





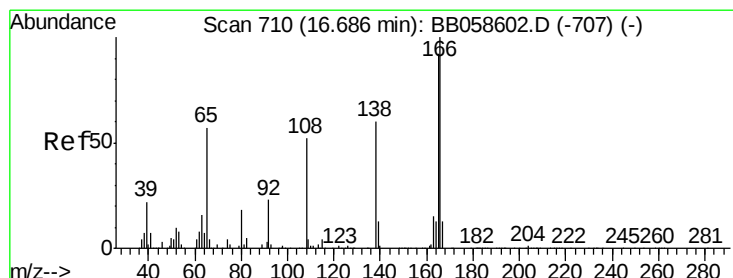
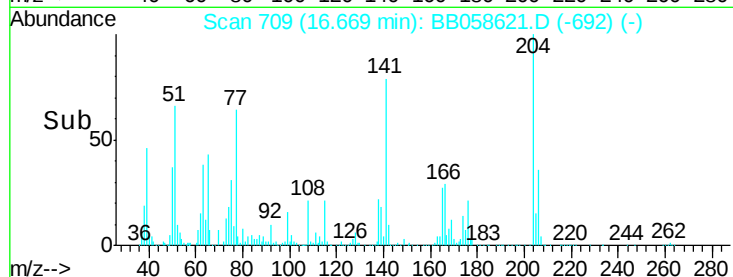
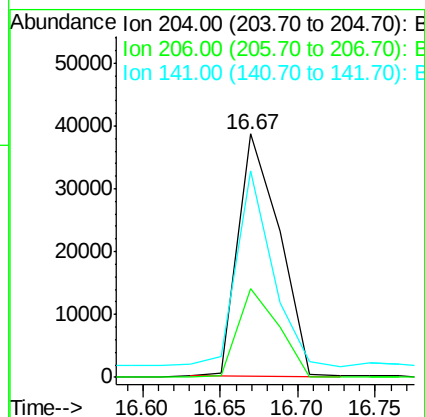
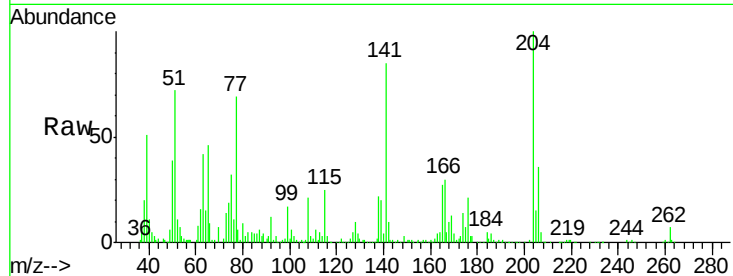
#59
4-Chlorophenyl-phenylether
Concen: 1.96 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	72428		
206	36.3	25.9	38.9	
141	84.8	46.1	69.1#	

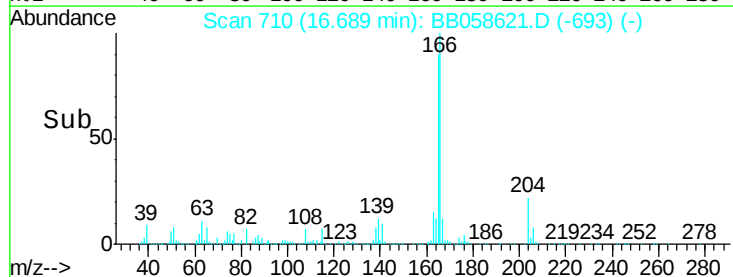
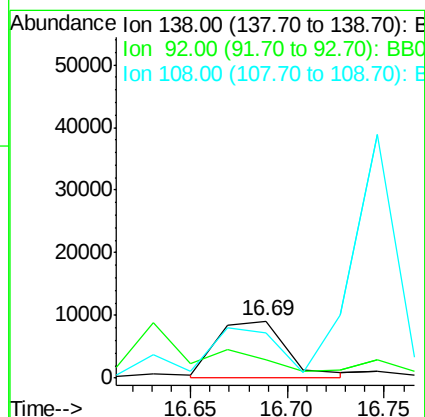
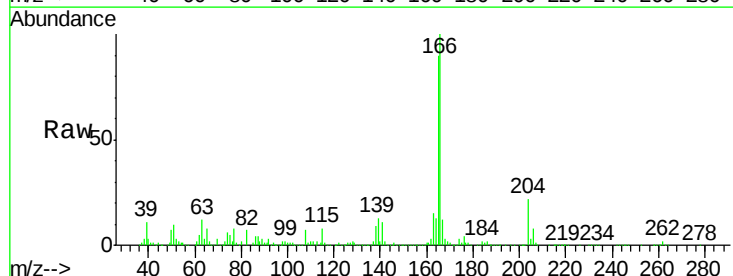
Manual Integrations
APPROVED

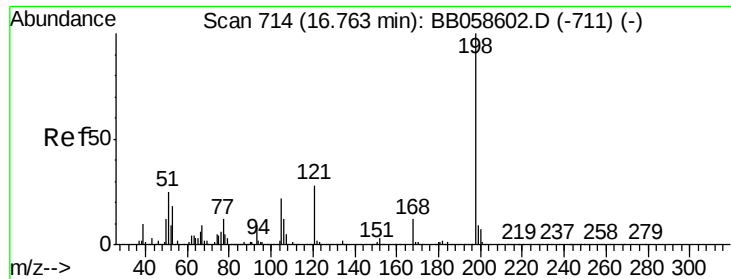
SOHIL
10/13/2016 11:12:41 AM



#60
4-Nitroaniline
Concen: 1.14 ng/ul
RT: 16.69 min Scan# 710
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	22337		
92	31.2	43.5	65.3#	
108	80.0	80.3	120.5#	





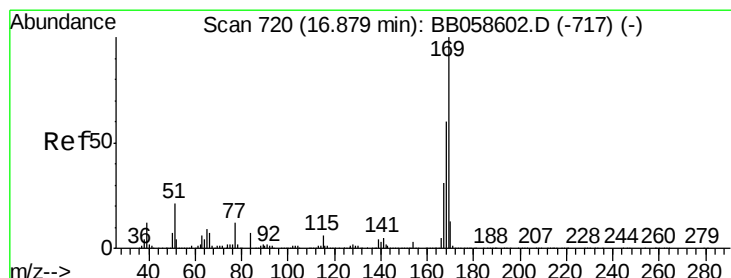
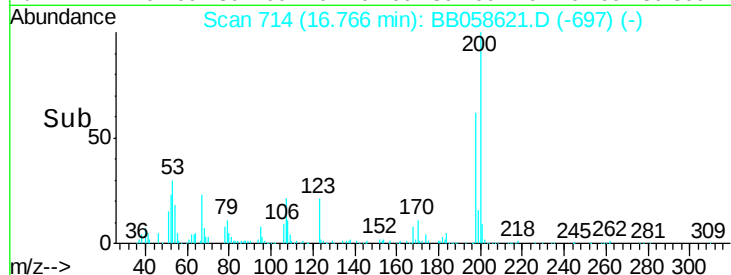
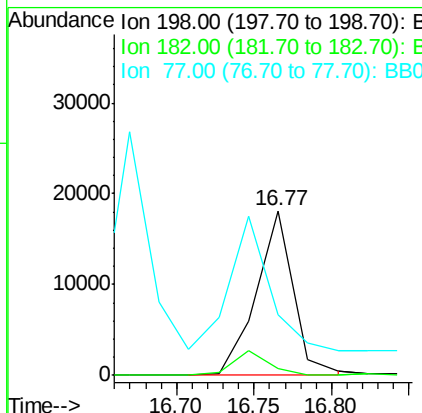
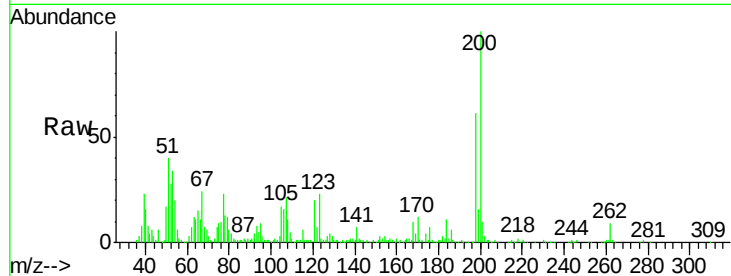
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.58 ng/ul
 RT: 16.77 min Scan# 714
 Delta R.T. 0.02 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
182	4.3	3.3	4.9
77	36.7	21.8	32.6

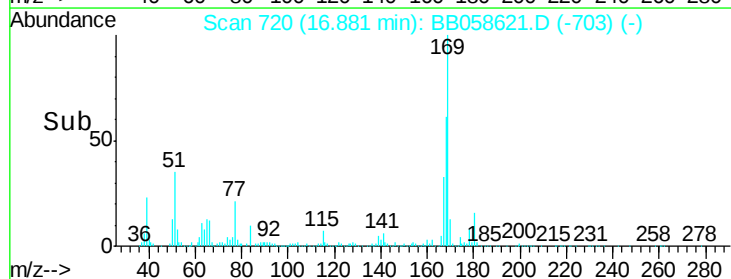
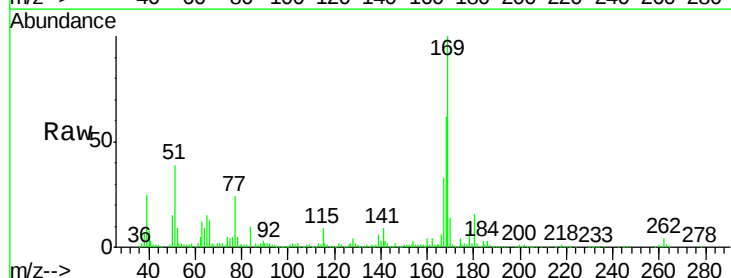
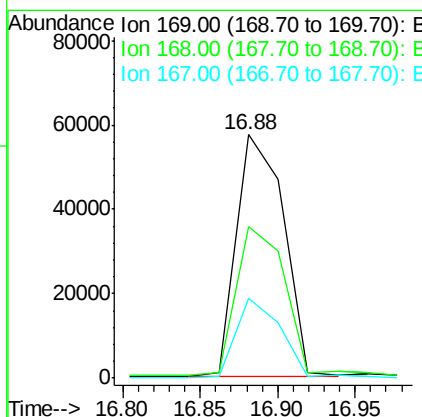
Manual Integrations
 APPROVED

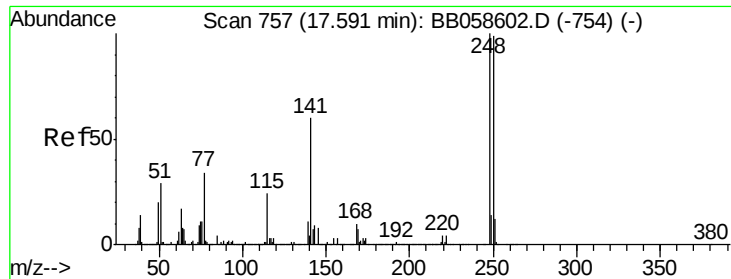
SOHIL
 10/13/2016 11:12:41 AM



#64
 N-Nitrosodiphenylamine
 Concen: 2.09 ng/ul
 RT: 16.88 min Scan# 720
 Delta R.T. 0.02 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	62.0	52.6	79.0
167	32.6	28.6	43.0





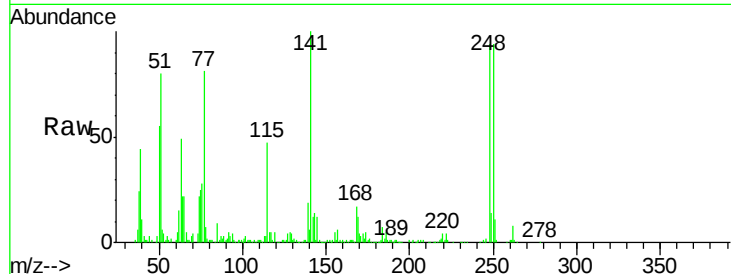
#65
4-Bromophenyl-phenylether
Concen: 1.97 ng/ul
RT: 17.59 min Scan# 757
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	45818		
250	99.4	79.7	119.5	
141	106.0	58.3	87.5#	

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM

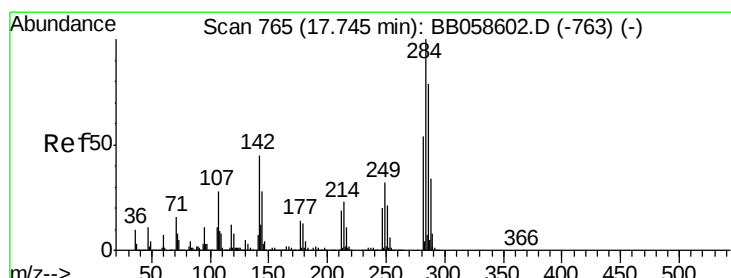
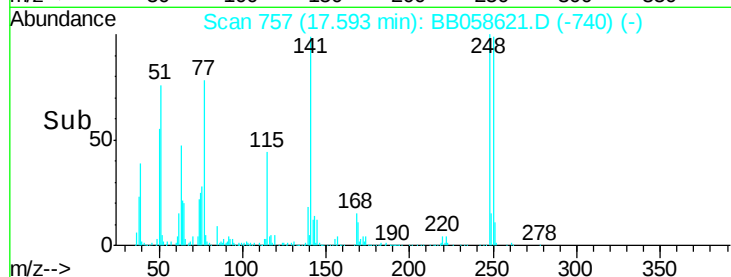
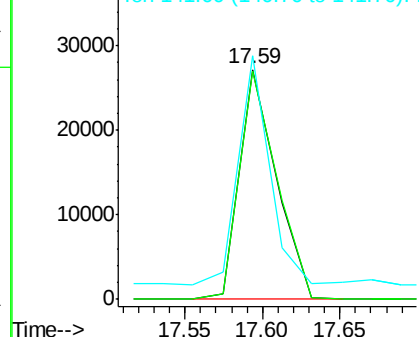


Abundance

Ion 248.00 (247.70 to 248.70): E

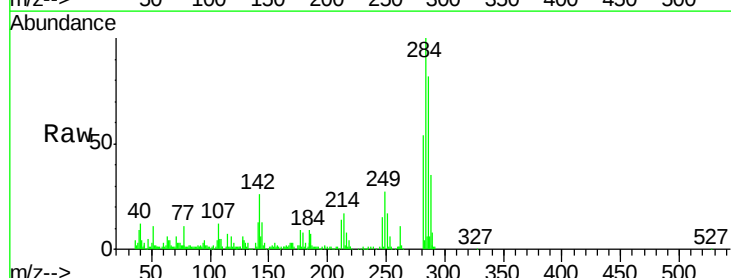
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66
Hexachlorobenzene
Concen: 1.95 ng/ul
RT: 17.77 min Scan# 766
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	45441		
142	26.0	24.9	37.3	
249	27.1	25.5	38.3	

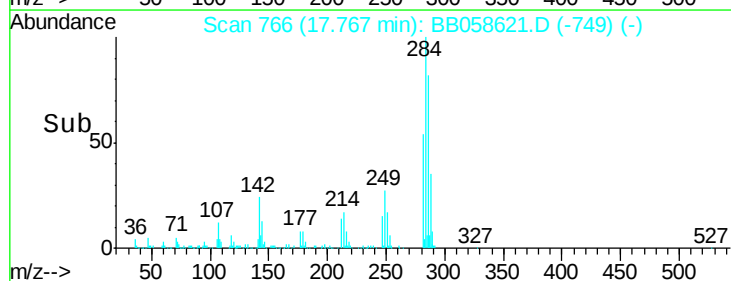
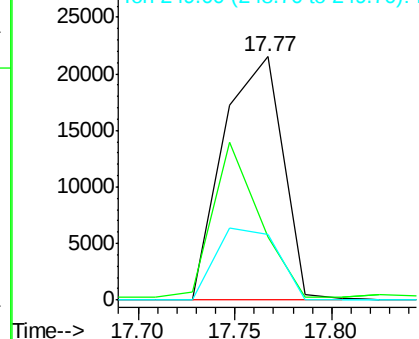


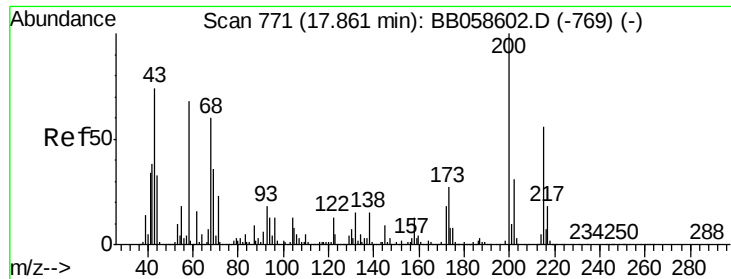
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





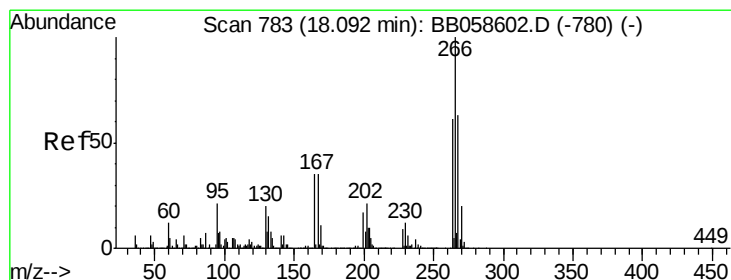
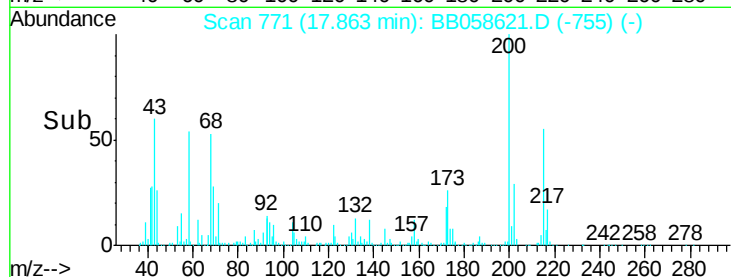
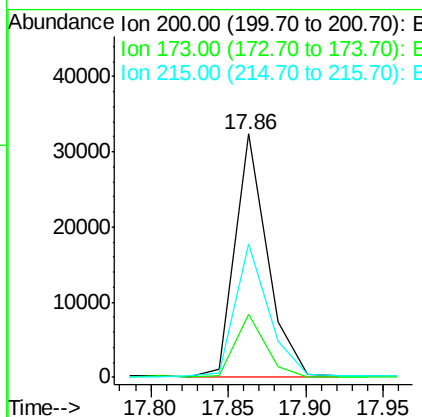
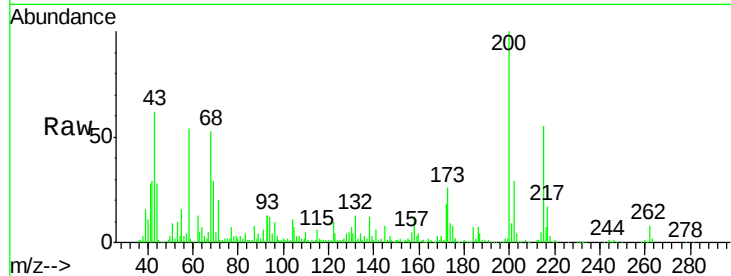
#67
Atrazine
Concen: 2.11 ng/ul
RT: 17.86 min Scan# 771
Delta R.T. -0.00 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	47143		
173	25.9	18.9	28.3	
215	55.1	39.5	59.3	

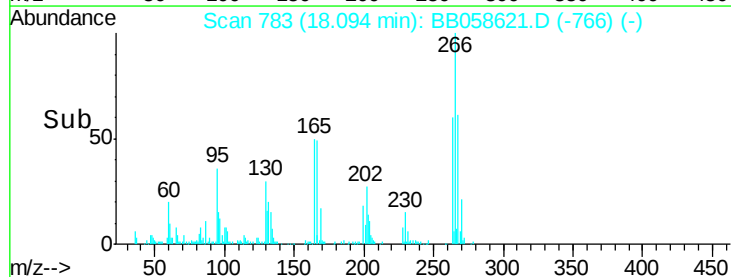
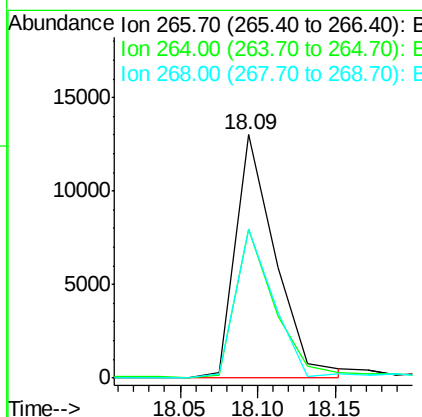
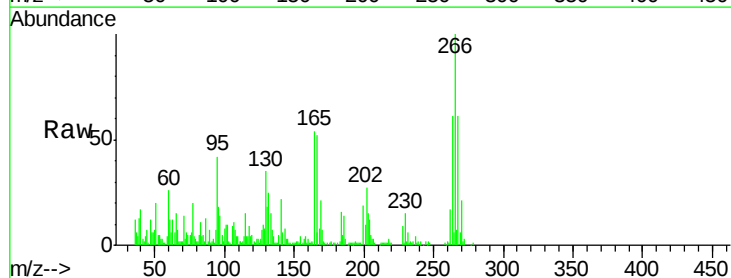
Manual Integrations
APPROVED

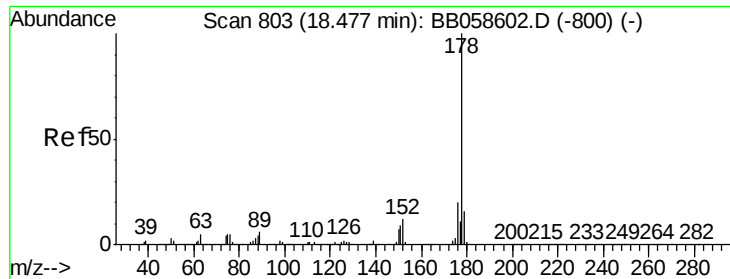
SOHIL
10/13/2016 11:12:41 AM



#68
Pentachlorophenol
Concen: 1.43 ng/ul
RT: 18.09 min Scan# 783
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	23664		
264	61.0	50.6	75.8	
268	61.1	51.0	76.6	





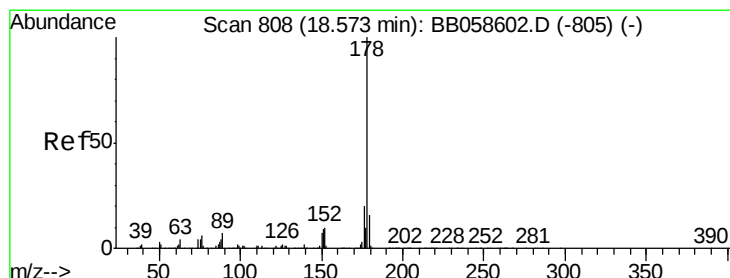
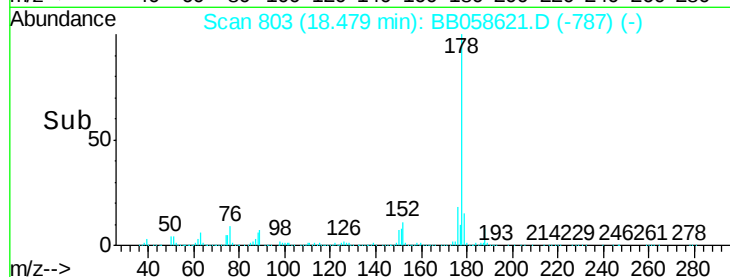
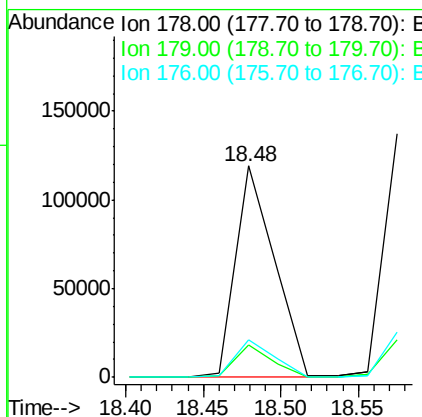
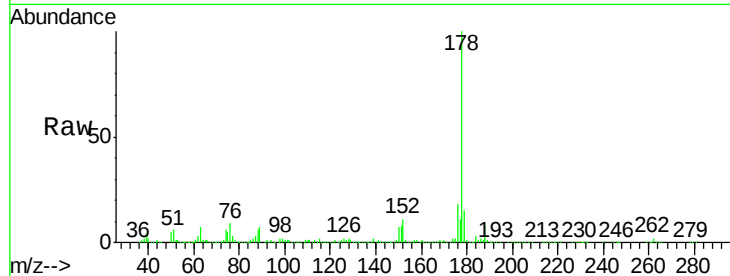
#69
Phenanthrene
Concen: 2.30 ng/ul
RT: 18.48 min Scan# 803
Delta R.T. -0.00 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.3	12.2	18.2
176	18.0	15.1	22.7

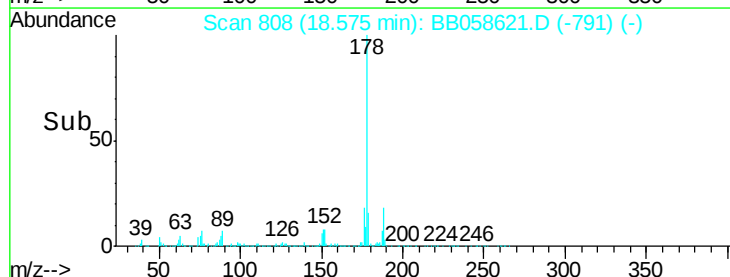
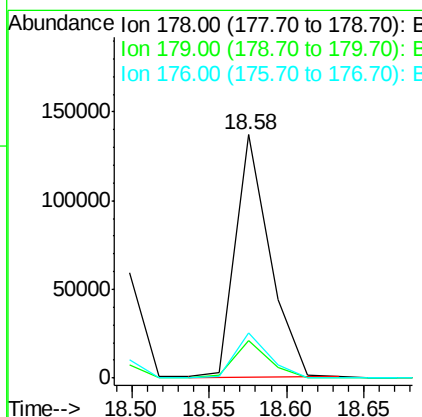
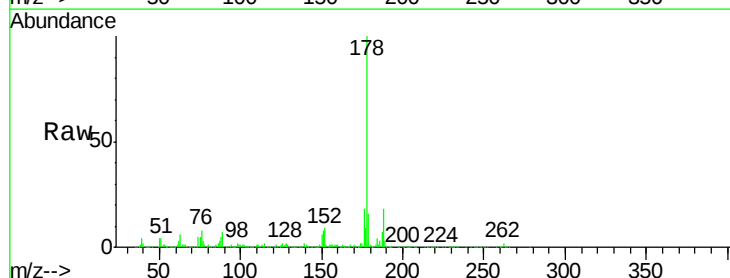
Manual Integrations
APPROVED

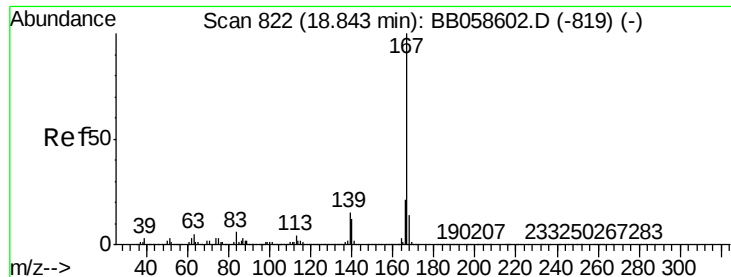
SOHIL
10/13/2016 11:12:41 AM



#71
Anthracene
Concen: 2.30 ng/ul
RT: 18.58 min Scan# 808
Delta R.T. 0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.6	12.1	18.1
176	18.3	14.5	21.7





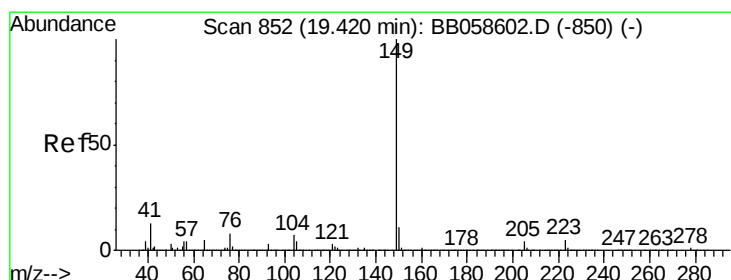
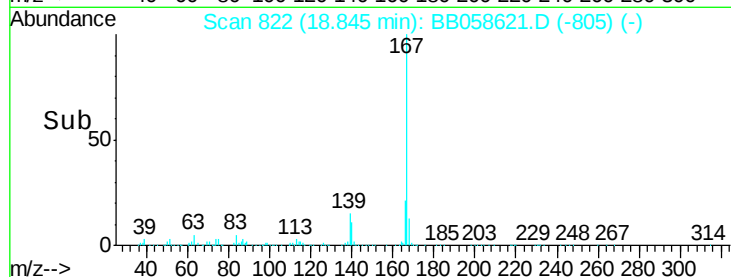
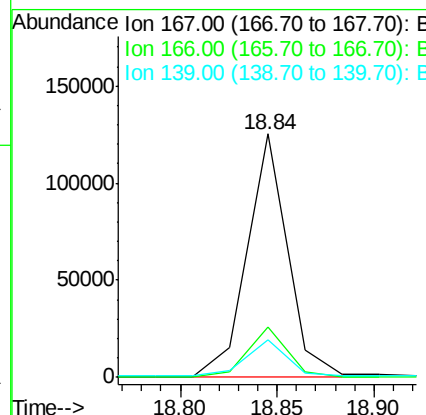
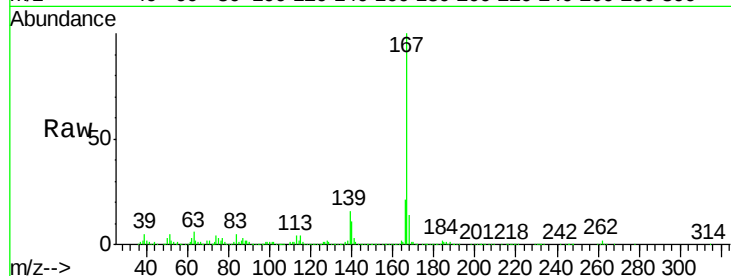
#72
 Carbazole
 Concen: 2.34 ng/ul
 RT: 18.84 min Scan# 822
 Delta R.T. 0.02 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Instrument :
 BNA_B
 ClientSampleId :
 MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	20.7	16.6	25.0
139	15.5	10.2	15.4

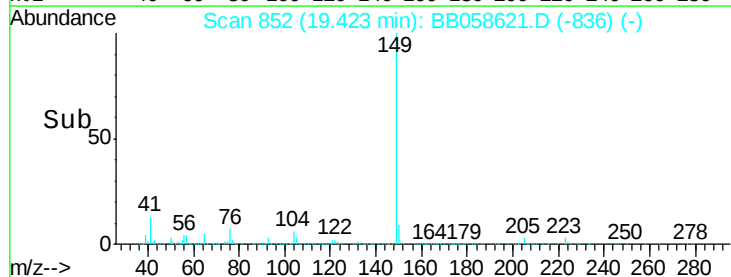
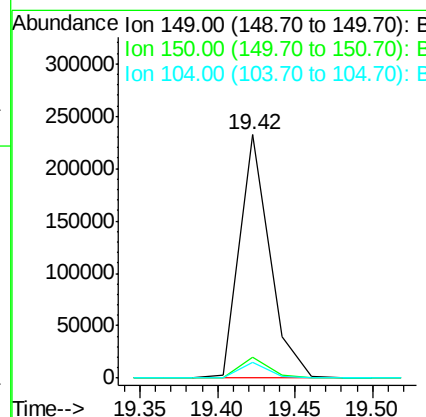
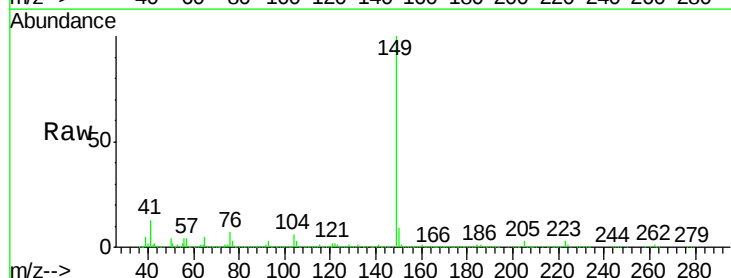
Manual Integrations
 APPROVED

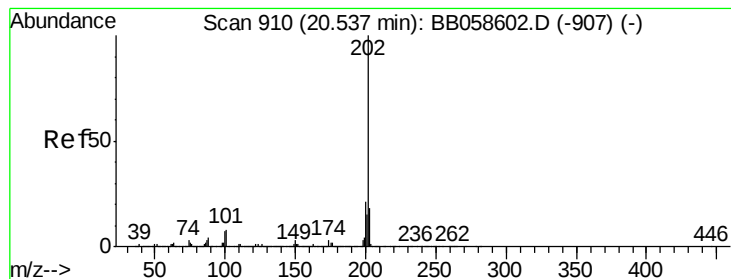
SOHIL
 10/13/2016 11:12:41 AM



#73
 Di-n-butylphthalate
 Concen: 2.54 ng/ul
 RT: 19.42 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BB058621.D
 Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.7	7.6	11.4
104	6.5	4.6	7.0





#74

Fluoranthene

Concen: 2.42 ng/ul

RT: 20.54 min Scan# 910

Delta R.T. 0.02 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

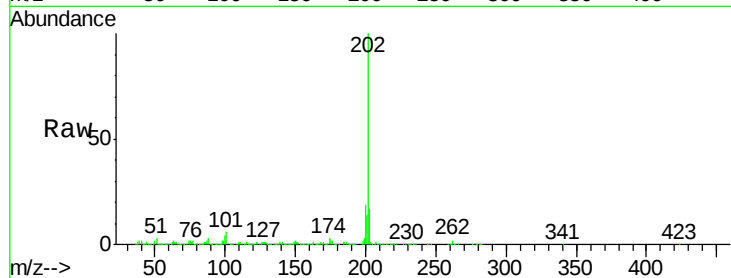
ClientSampled :

MDL-07-W

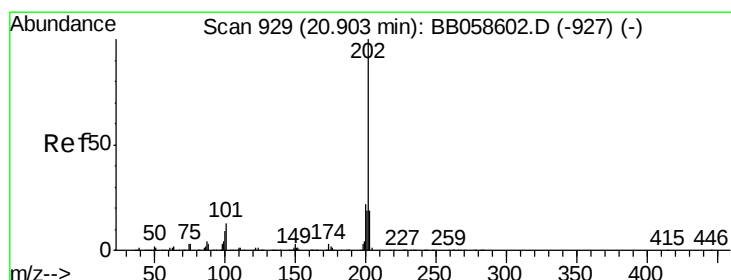
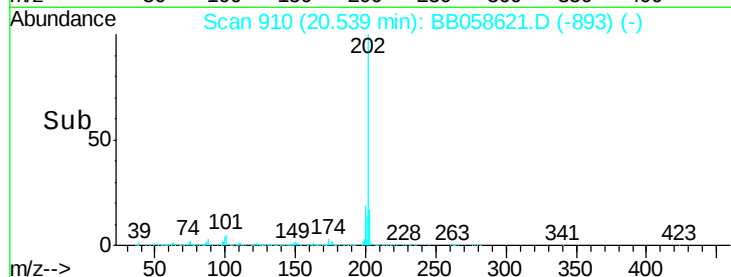
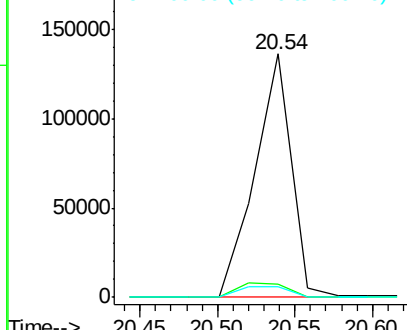
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		222896		
101	5.6	6.9	10.3#		
100	4.3	5.4	8.0#		

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE



#77

Pyrene

Concen: 2.41 ng/ul

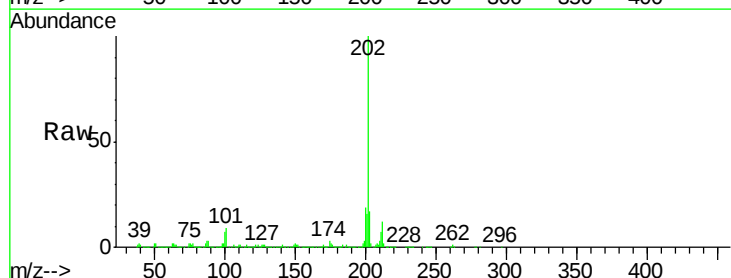
RT: 20.90 min Scan# 929

Delta R.T. -0.00 min

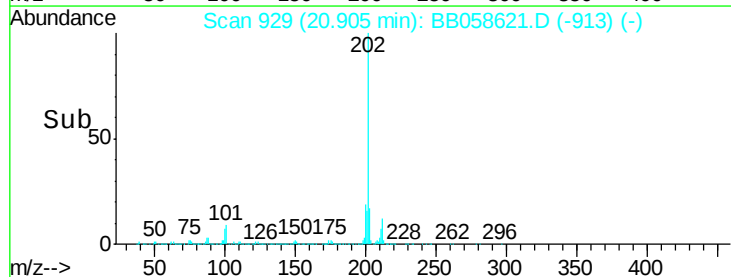
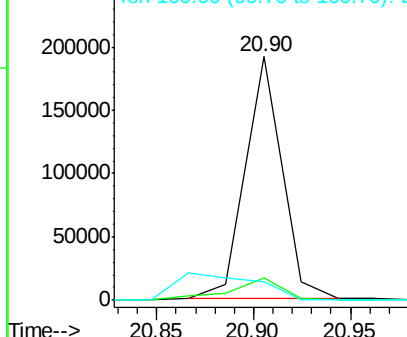
Lab File: BB058621.D

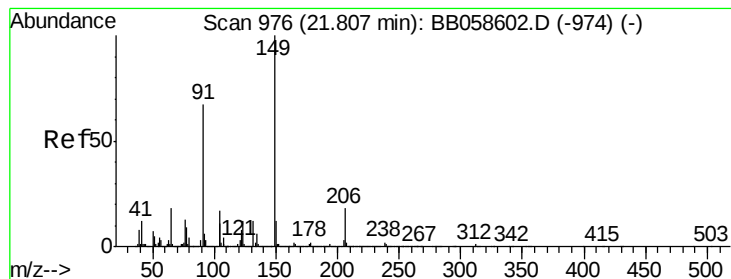
Acq: 12 Oct 2016 18:10

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		248967		
101	9.0	8.4	12.6		
100	7.5	6.9	10.3		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE





#78

Butylbenzylphthalate

Concen: 1.90 ng/ul

RT: 21.81 min Scan# 976

Delta R.T. -0.00 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

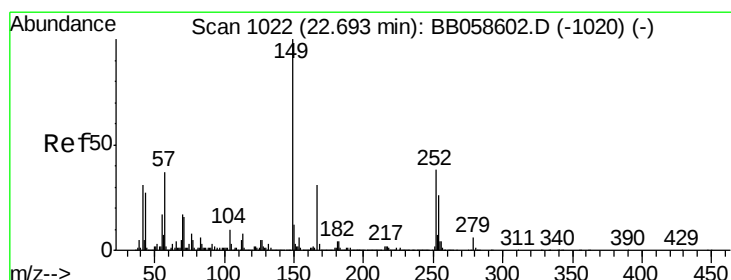
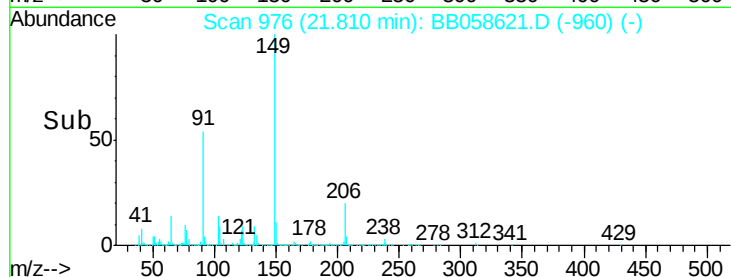
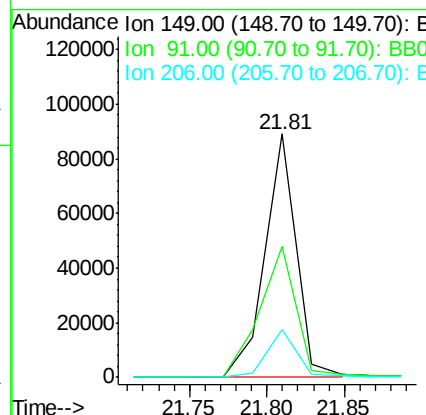
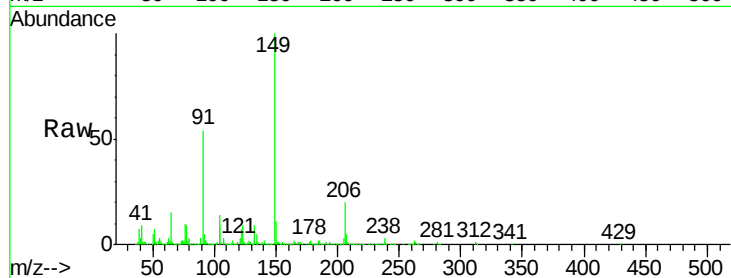
ClientSampleId :

MDL-07-W

Tgt Ion:	149	Resp:	126913
Ion Ratio	Lower	Upper	
149	100		
91	54.0	57.3	85.9#
206	19.9	18.6	27.8

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#79

3,3'-Dichlorobenzidine

Concen: 1.15 ng/ul

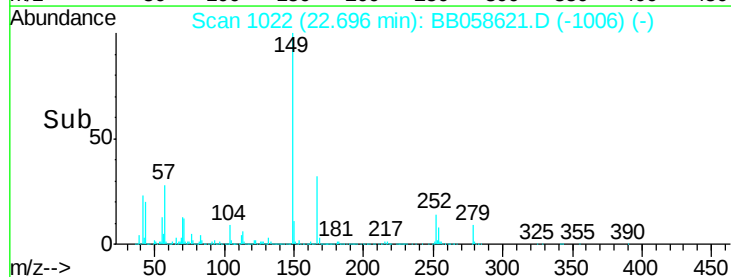
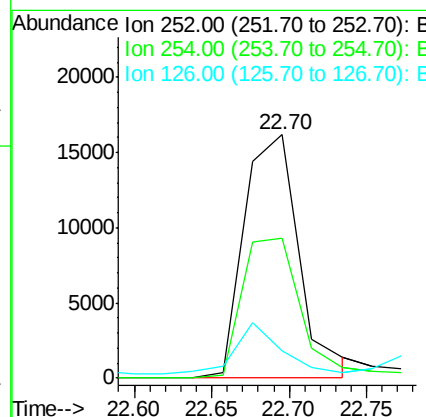
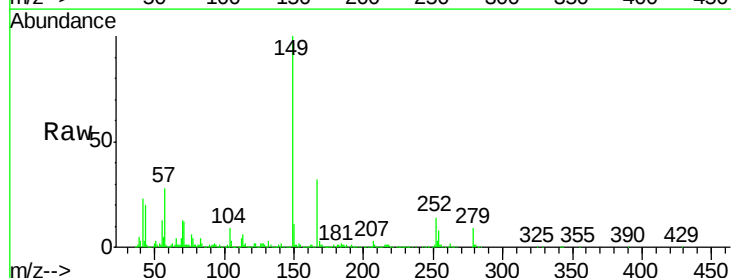
RT: 22.70 min Scan# 1022

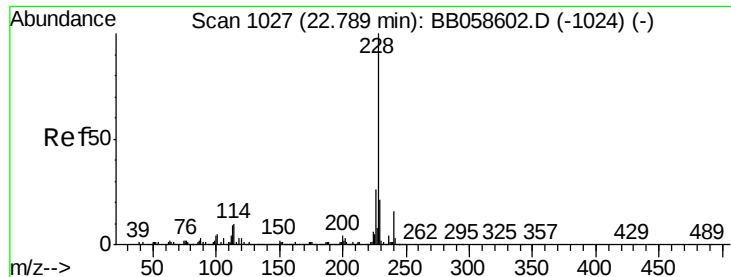
Delta R.T. -0.00 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:	252	Resp:	40325
Ion Ratio	Lower	Upper	
252	100		
254	57.5	51.0	76.4
126	11.1	7.1	10.7#





#80

Benzo(a)anthracene

Concen: 2.20 ng/ul

RT: 22.77 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Instrument :

BNA_B

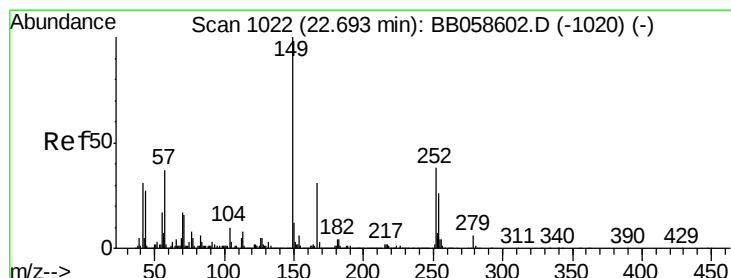
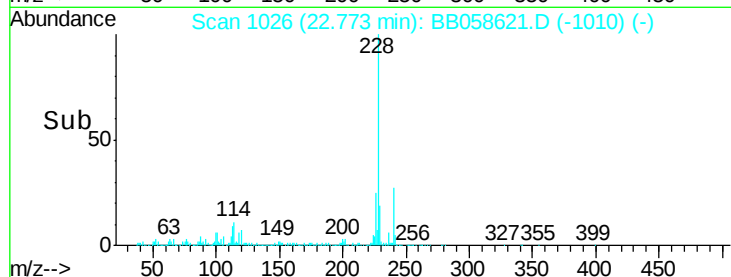
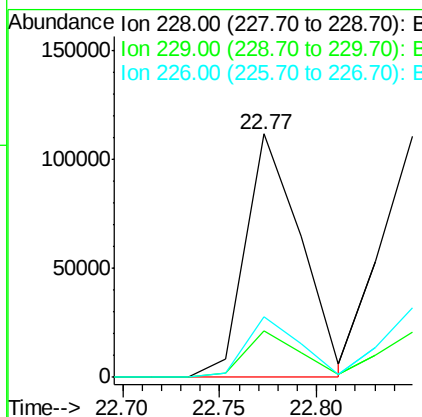
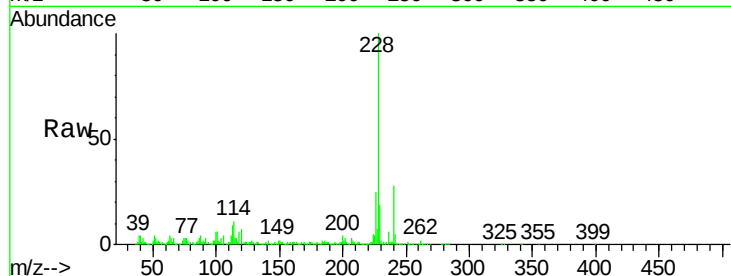
ClientSampled :

MDL-07-W

Tgt Ion:	228	Resp:	220945
Ion Ratio	Lower	Upper	
228	100		
229	18.9	15.6	23.4
226	25.0	21.8	32.8

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.01 ng/ul

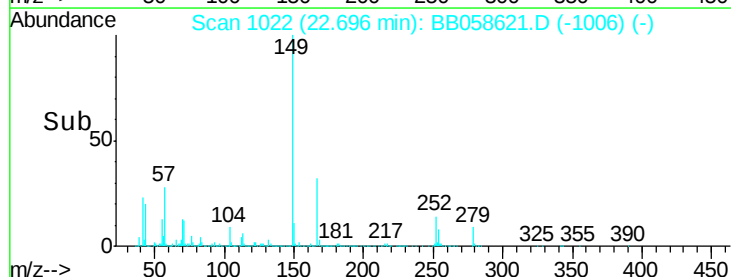
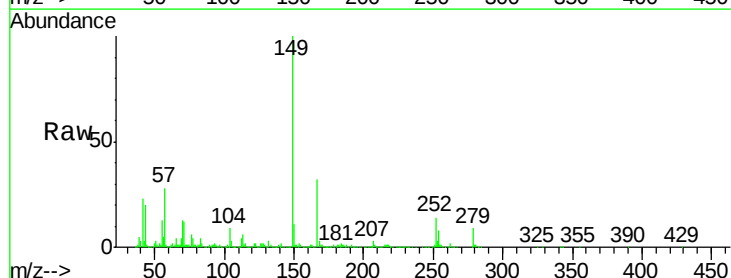
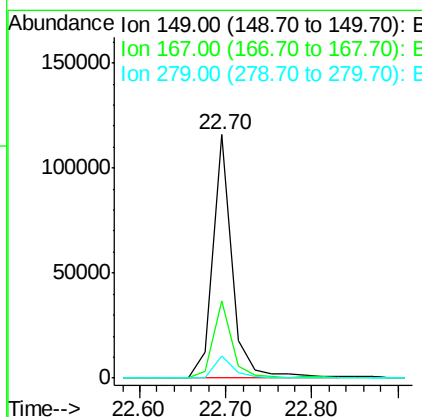
RT: 22.70 min Scan# 1022

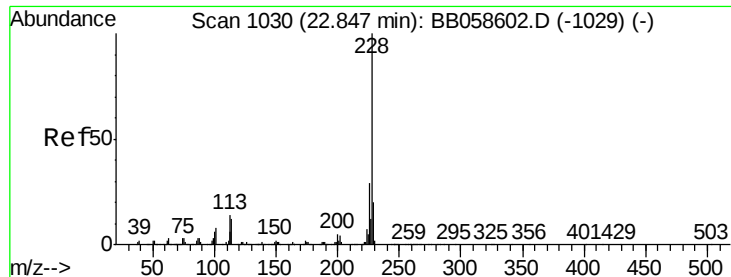
Delta R.T. -0.00 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion:	149	Resp:	178894
Ion Ratio	Lower	Upper	
149	100		
167	32.0	23.2	34.8
279	8.8	4.1	6.1#





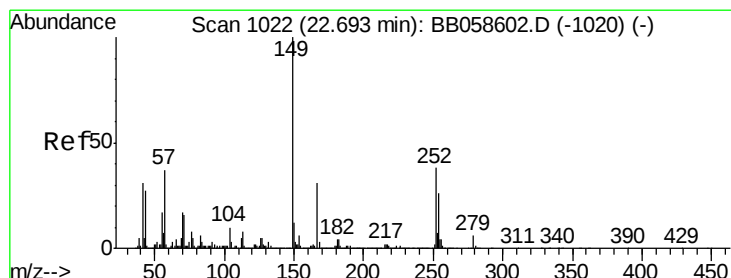
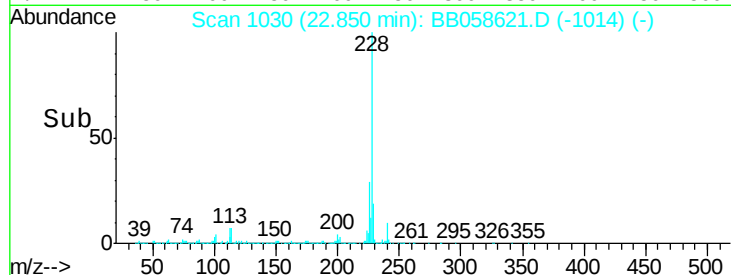
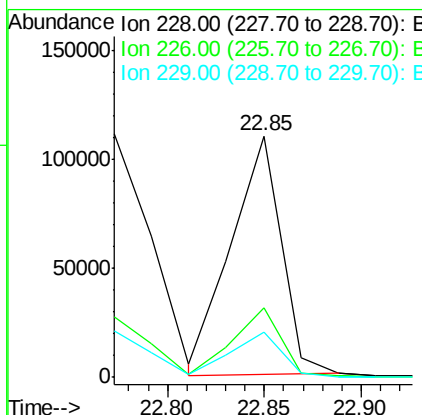
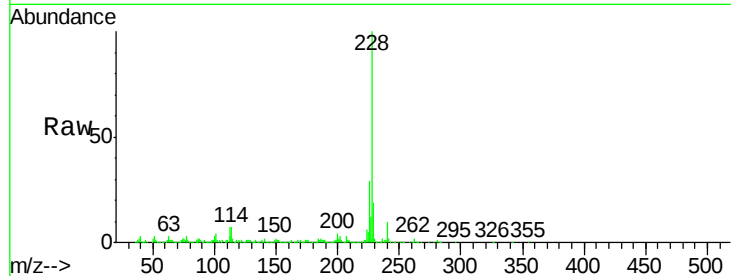
#82
Chrysene
Concen: 2.08 ng/ul
RT: 22.85 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampled :
MDL-07-W

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	195838		
226	29.0	23.4	35.2	
229	18.7	15.5	23.3	

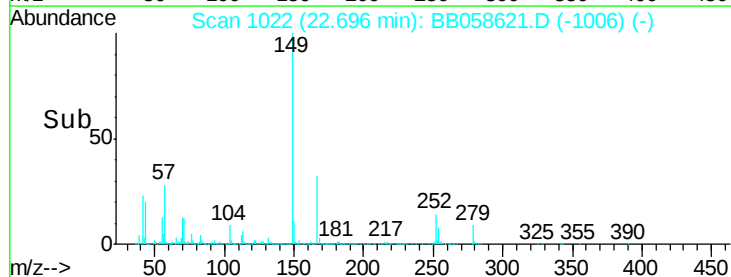
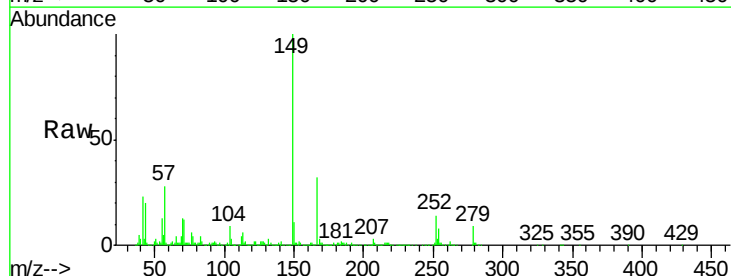
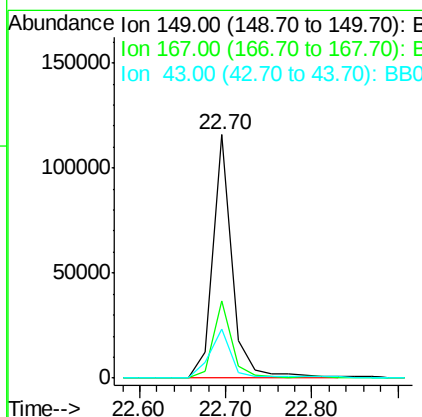
Manual Integrations
APPROVED

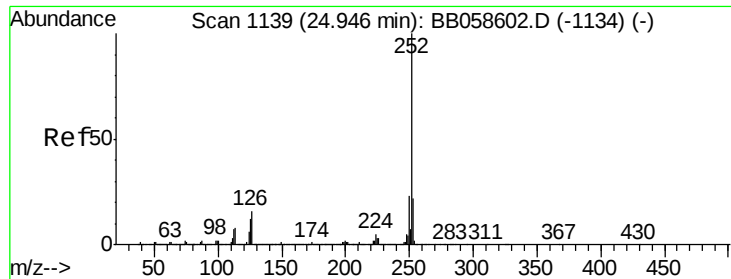
SOHIL
10/13/2016 11:12:41 AM



#84
Di-n-octyl phthalate
Concen: 2.20 ng/ul
RT: 22.70 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	178894		
167	32.0	1.3	1.9#	
43	20.3	6.6	10.0#	





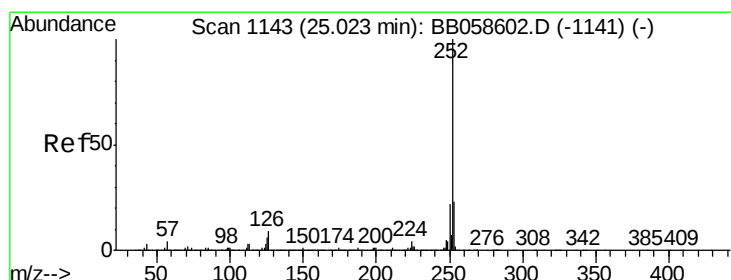
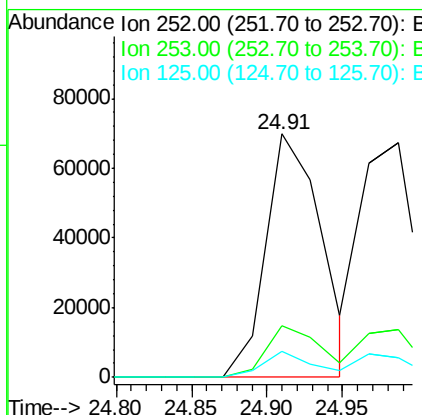
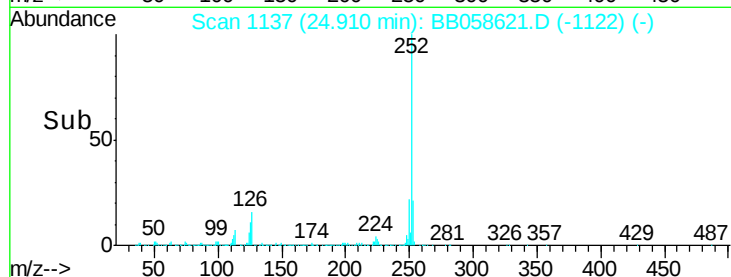
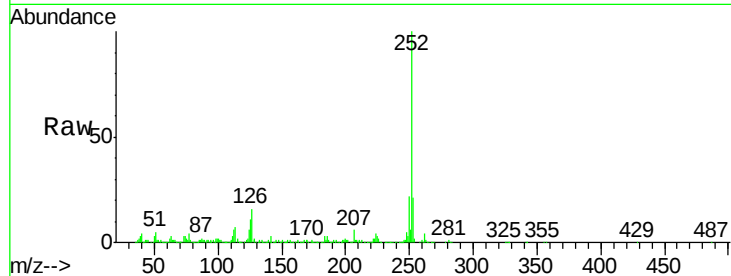
#85
Benzo(b)fluoranthene
Concen: 1.76 ng/ul m
RT: 24.91 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	10.8	5.8	8.8#

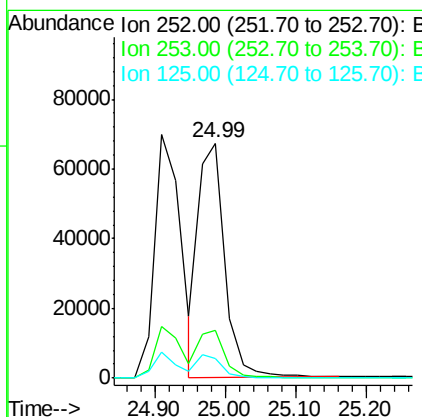
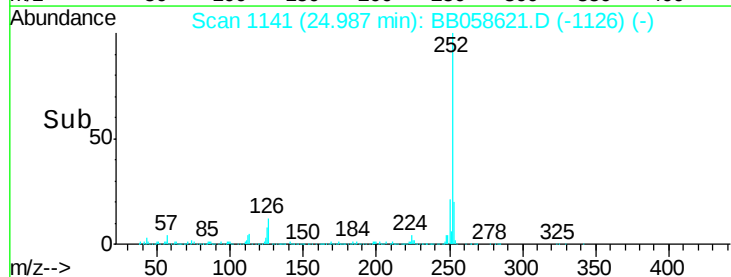
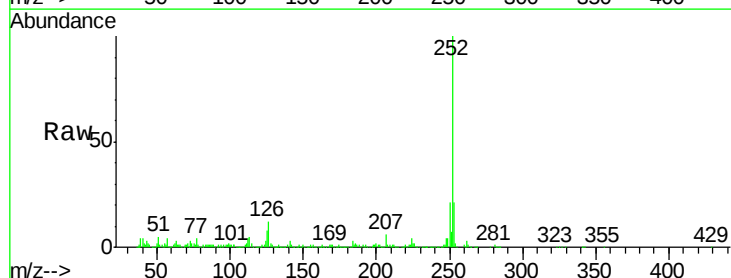
Manual Integrations
APPROVED

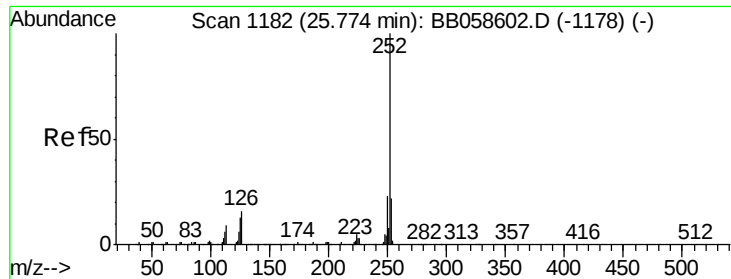
SOHIL
10/13/2016 11:12:41 AM



#86
Benzo(k)fluoranthene
Concen: 2.20 ng/ul
RT: 24.99 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.6	26.4
125	8.4	5.7	8.5





#88

Benzo(a)pyrene

Concen: 1.83 ng/ul

RT: 25.74 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BB058621.D

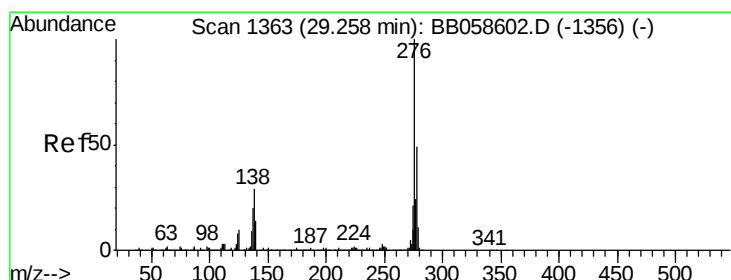
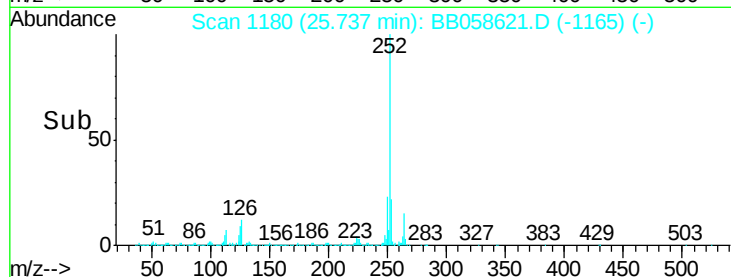
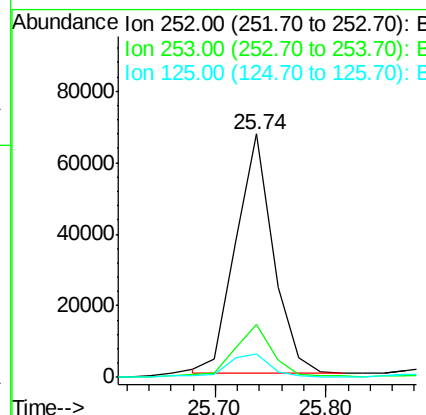
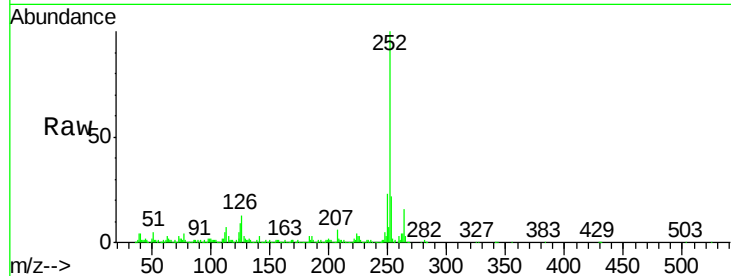
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.7	17.7	26.5
125	9.5	6.6	9.8

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.60 ng/ul

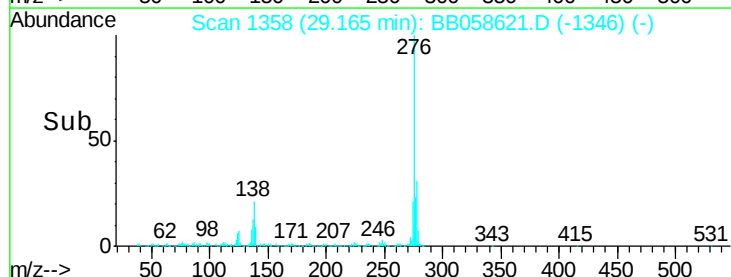
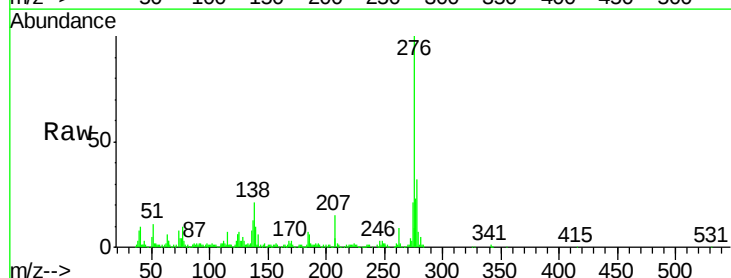
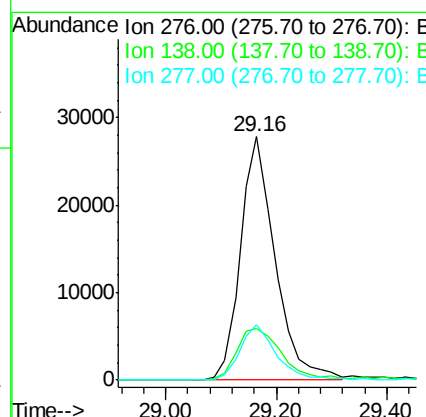
RT: 29.16 min Scan# 1358

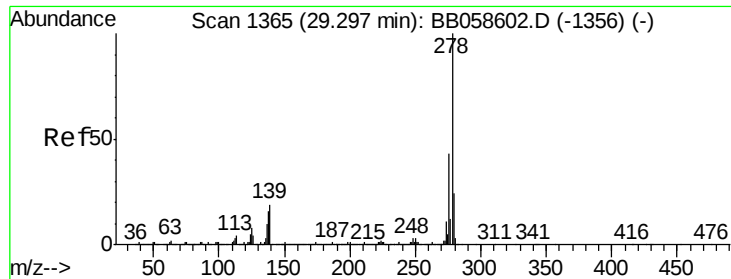
Delta R.T. -0.08 min

Lab File: BB058621.D

Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.5	13.9	20.9#
277	22.8	20.1	30.1





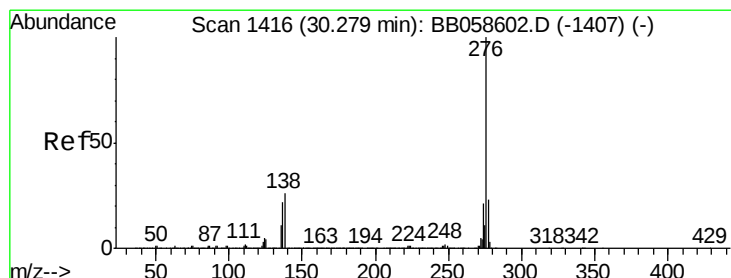
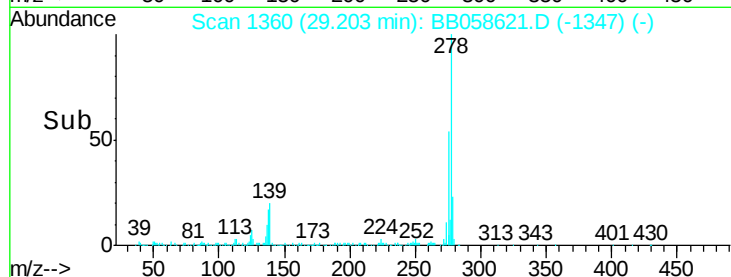
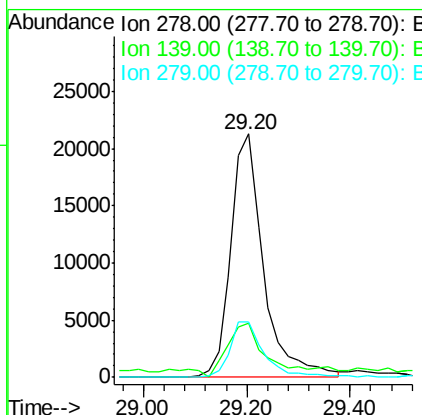
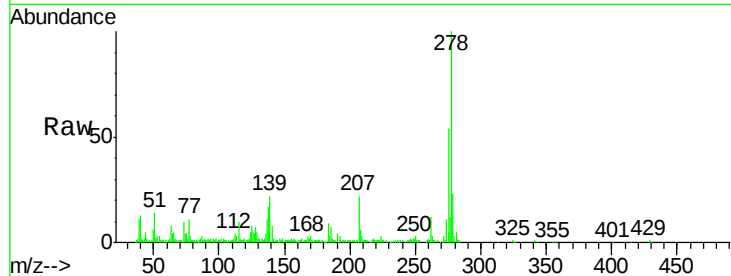
#90
Dibenzo(a,h)anthracene
Concen: 1.47 ng/ul
RT: 29.20 min Scan# 1360
Delta R.T. -0.06 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Instrument :
BNA_B
ClientSampleId :
MDL-07-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	9.5	14.3#
279	22.8	19.1	28.7

Manual Integrations
APPROVED

SOHIL
10/13/2016 11:12:41 AM



#91
Benzo(g,h,i)perylene
Concen: 1.73 ng/ul
RT: 30.17 min Scan# 1410
Delta R.T. -0.08 min
Lab File: BB058621.D
Acq: 12 Oct 2016 18:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	13.5	20.3#
277	23.7	19.3	28.9

