

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
 Data File : BB058628.D
 Acq On : 13 Oct 2016 12:07
 Operator : UM/SJ
 Sample : MDL-03-S
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-03-S

Manual Integrations
 APPROVED

sohil
 10/13/2016 4:36:27 PM

Quant Time: Oct 13 12:55:19 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 12:50:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	498969	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1830799	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1075999	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.42	188	1730371	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1846680	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1353397	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	82138	7.45	ng/uL	0.02
5) Phenol-d5	7.81	99	1134718	31.30	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	825633	34.00	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	1261406	33.55	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	977113	32.56	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	647040	34.18	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	738990	36.28	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	996007	34.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1322957	38.07	ng/ul	0.02
43) Dimethylphthalate-d6	14.96	166	2445037	34.18	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	3058012	36.24	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	498509	30.34	ng/ul	-0.02
57) Fluorene-d10	16.61	176	2202946	37.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	553397	30.12	ng/ul	0.00
70) Anthracene-d10	18.54	188	2887812m	37.32	ng/ul	0.00
76) Pyrene-d10	20.87	212	2961058	36.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2236356	36.19	ng/ul	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.69	88	10958	1.00	ng/uL#	86
4) Benzaldehyde	7.74	77	67146	2.88	ng/ul	84
6) Phenol	7.83	94	107984	3.01	ng/ul#	29
8) Bis(2-Chloroethyl)ether	8.06	93	99389	3.35	ng/ul#	86
10) 2-Chlorophenol	8.22	128	116204	3.25	ng/ul#	73
11) 2-Methylphenol	9.16	108	91396	3.16	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.26	45	185299	3.55	ng/ul#	90
14) Acetophenone	9.55	105	140043	3.19	ng/ul#	78
15) N-Nitroso-di-n-propylamine	9.55	70	84380	3.25	ng/ul#	57
16) 4-Methylphenol	9.51	108	95758	3.07	ng/ul	99
17) Hexachloroethane	9.83	117	55451	3.20	ng/ul#	58
20) Nitrobenzene	9.93	77	116219	3.27	ng/ul#	93
21) Isophorone	10.49	82	231019	3.37	ng/ul	97
23) 2-Nitrophenol	10.70	139	73639	3.47	ng/ul#	88
24) 2,4-Dimethylphenol	10.78	107	114532	3.29	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.99	93	109716	3.32	ng/ul#	96
27) 2,4-Dichlorophenol	11.26	162	93915	3.25	ng/ul#	77
28) Naphthalene	11.68	128	303797	3.48	ng/ul	98
30) 4-Chloroaniline	11.78	127	124602	3.78	ng/ul	100
31) Hexachlorobutadiene	12.03	225	64374	3.26	ng/ul	99
32) Caprolactam	12.59	113	30247m	2.88	ng/ul	
33) 4-Chloro-3-methylphenol	12.95	107	94588	3.28	ng/ul	89
34) 2-Methylnaphthalene	13.34	142	204701	3.40	ng/ul	97

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
 Data File : BB058628.D
 Acq On : 13 Oct 2016 12:07
 Operator : UM/SJ
 Sample : MDL-03-S
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampled :
 MDL-03-S

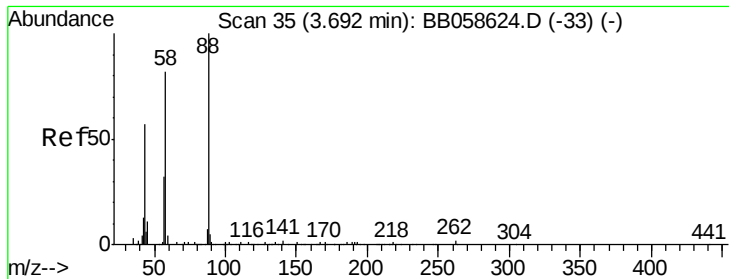
Manual Integrations
 APPROVED

sohil
 10/13/2016 4:36:27 PM

Quant Time: Oct 13 12:55:19 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 12:50:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	109225	3.31	ng/ul#	95
37) Hexachlorocyclopentadiene	13.74	237	41713	2.00	ng/ul	95
38) 2,4,6-Trichlorophenol	13.97	196	62760	3.13	ng/ul	98
39) 2,4,5-Trichlorophenol	14.03	196	66077	3.10	ng/ul	97
40) 1,1'-Biphenyl	14.38	154	245377	3.40	ng/ul#	96
41) 2-Chloronaphthalene	14.42	162	188897	3.29	ng/ul	98
42) 2-Nitroaniline	14.59	65	70281	3.18	ng/ul#	74
44) Dimethylphthalate	14.99	163	230286	3.22	ng/ul#	96
45) 2,6-Dinitrotoluene	15.11	165	58678	3.25	ng/ul	99
47) Acenaphthylene	15.28	152	301255	3.68	ng/ul	98
48) 3-Nitroaniline	14.61	138	69039	2.92	ng/ul#	34
49) Acenaphthene	15.65	153	191026	3.40	ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	21415	1.66	ng/ul#	87
52) 4-Nitrophenol	15.78	109	41218	3.08	ng/ul#	75
53) Dibenzofuran	15.98	168	269113	3.36	ng/ul#	84
54) 2,4-Dinitrotoluene	15.92	165	77331	3.07	ng/ul#	46
55) 2,3,4,6-Tetrachlorophenol	16.23	232	54469	2.92	ng/ul#	71
56) Diethylphthalate	16.42	149	271645	3.66	ng/ul	96
58) Fluorene	16.67	166	211597	3.25	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	117597	3.36	ng/ul	97
60) 4-Nitroaniline	16.65	138	34874	1.87	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.73	198	46729	2.55	ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	187004	3.35	ng/ul	96
65) 4-Bromophenyl-phenylether	17.57	248	71356	3.22	ng/ul	93
66) Hexachlorobenzene	17.73	284	68287	3.07	ng/ul#	78
67) Atrazine	17.84	200	66575	3.13	ng/ul	91
68) Pentachlorophenol	18.07	266	38086	2.42	ng/ul	100
69) Phenanthrene	18.46	178	305765	3.55	ng/ul	99
71) Anthracene	18.56	178	314423	3.57	ng/ul	99
72) Carbazole	18.83	167	257680	3.51	ng/ul	98
73) Di-n-butylphthalate	19.40	149	452123	3.77	ng/ul	98
74) Fluoranthene	20.52	202	331975	3.78	ng/ul	97
77) Pyrene	20.89	202	339123	3.51	ng/ul#	90
78) Butylbenzylphthalate	21.79	149	220630	3.53	ng/ul#	92
79) 3,3'-Dichlorobenzidine	22.68	252	59920	1.84	ng/ul#	96
80) Benzo(a)anthracene	22.77	228	310760	3.30	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.68	149	283219	3.41	ng/ul	100
82) Chrysene	22.83	228	304875	3.46	ng/ul	98
84) Di-n-octyl phthalate	22.68	149	283219	4.02	ng/ul#	52
85) Benzo(b)fluoranthene	24.91	252	260366	2.91	ng/ul	97
86) Benzo(k)fluoranthene	24.97	252	252796	3.65	ng/ul	98
88) Benzo(a)pyrene	25.72	252	229415	3.05	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.13	276	157412	2.40	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.16	278	126388	2.32	ng/ul#	92
91) Benzo(g,h,i)perylene	30.13	276	130561	2.52	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 1.00 ng/uL

RT: 3.69 min Scan# 35

Delta R.T. 0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

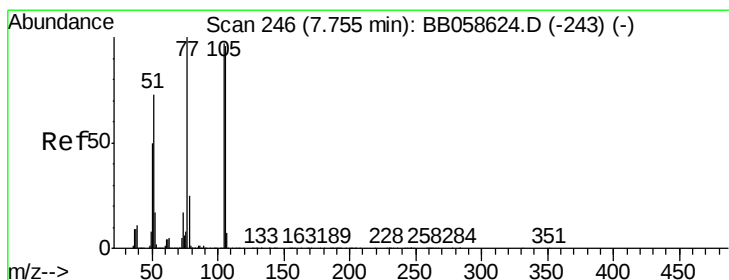
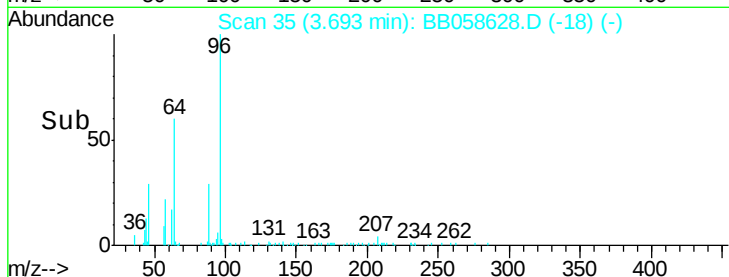
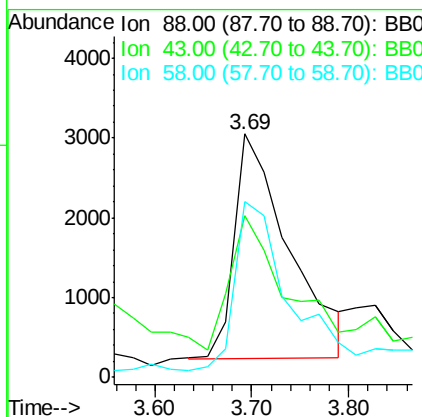
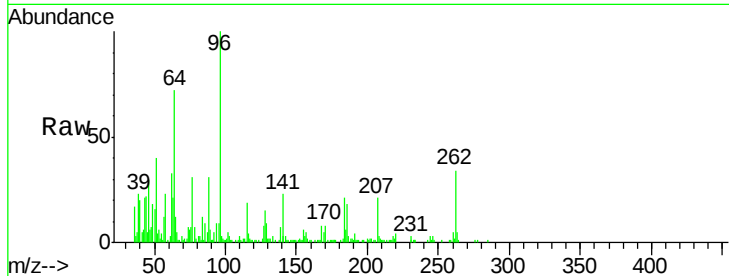
ClientSampleId :

MDL-03-S

Tgt Ion:	88	Resp:	10958
Ion Ratio	Lower	Upper	
88	100		
43	52.2	22.6	34.0#
58	73.5	57.3	85.9

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#4

Benzaldehyde

Concen: 2.88 ng/uL

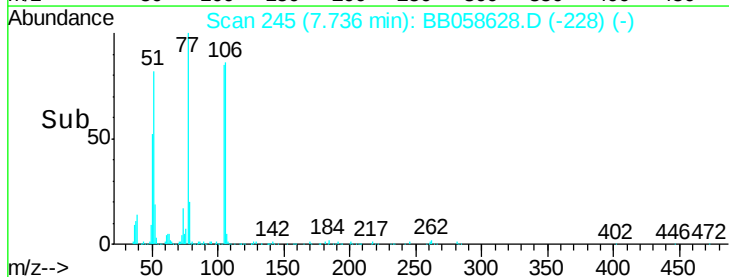
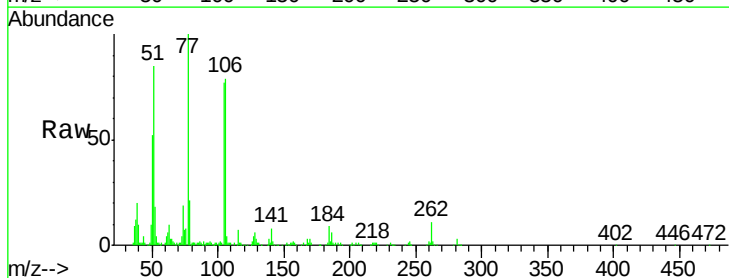
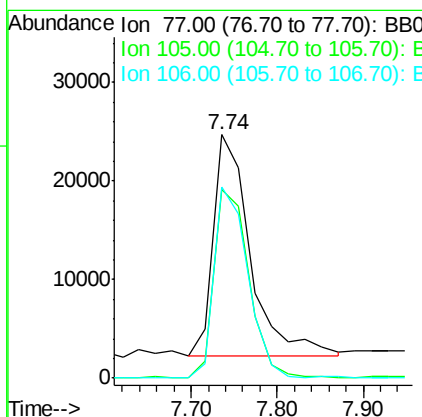
RT: 7.74 min Scan# 245

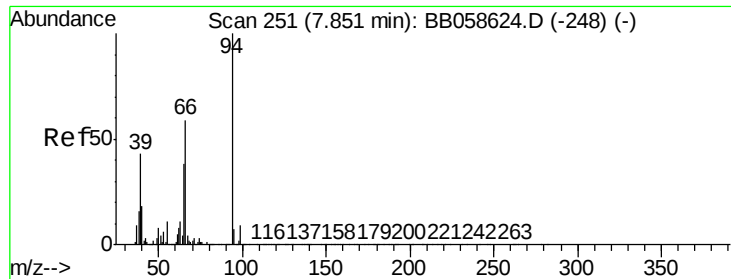
Delta R.T. 0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt Ion:	77	Resp:	67146
Ion Ratio	Lower	Upper	
77	100		
105	77.4	76.9	115.3
106	78.6	71.8	107.8





#6

Phenol

Concen: 3.01 ng/ul

RT: 7.83 min Scan# 250

Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

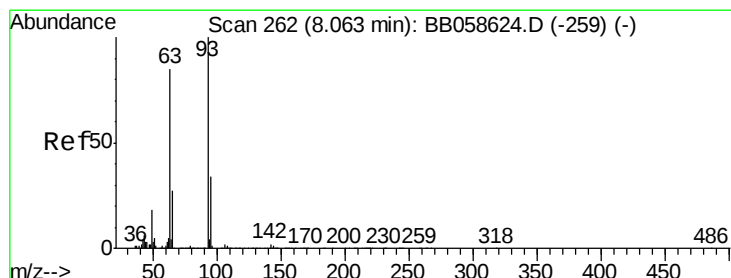
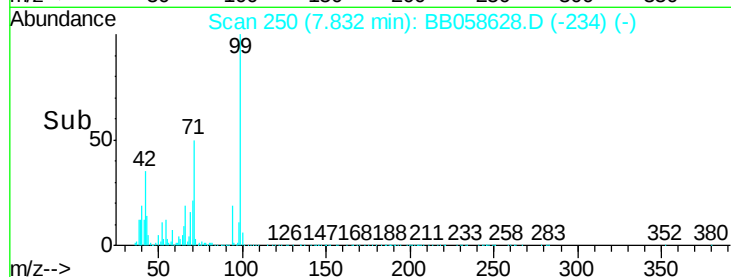
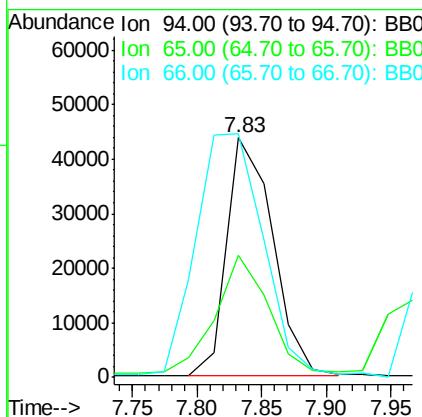
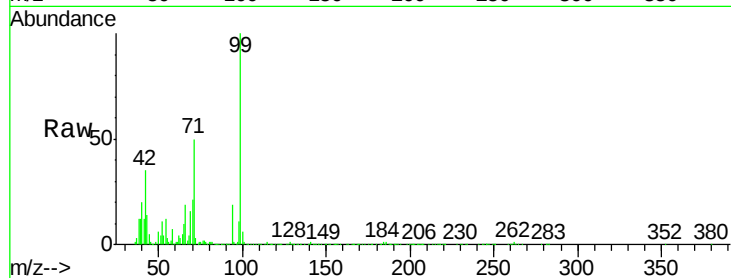
ClientSampleId :

MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	107984		
65	50.9	23.9	35.9#	
66	101.6	33.5	50.3#	

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#8

Bis(2-Chloroethyl)ether

Concen: 3.35 ng/ul

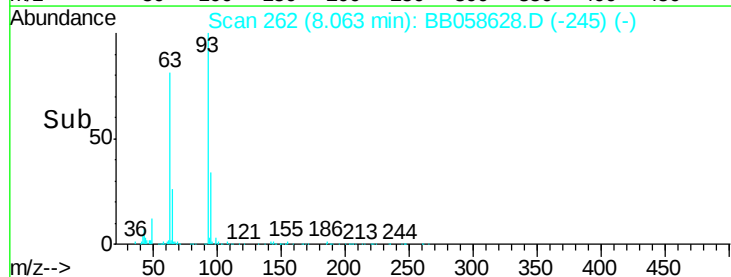
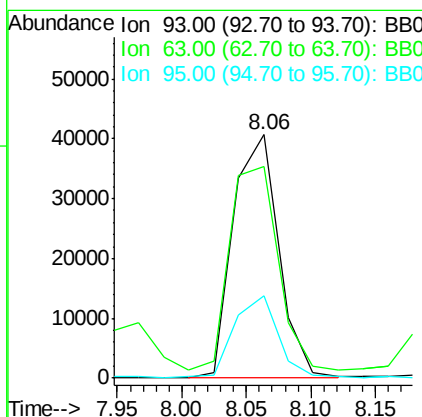
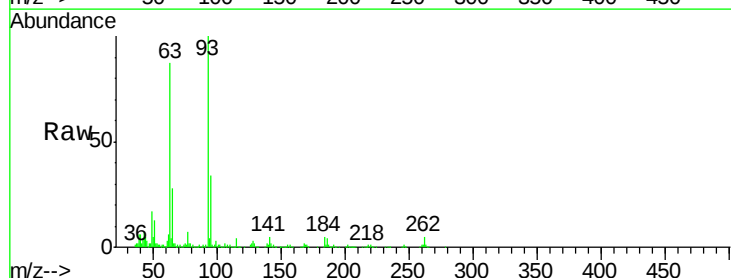
RT: 8.06 min Scan# 262

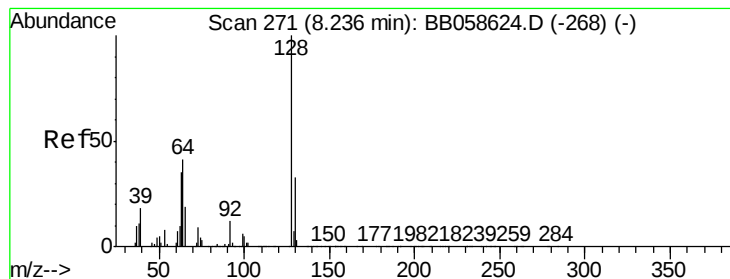
Delta R.T. 0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	99389		
63	86.8	57.3	85.9#	
95	34.0	25.1	37.7	





#10

2-Chlorophenol

Concen: 3.25 ng/ul

RT: 8.22 min Scan# 270

Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

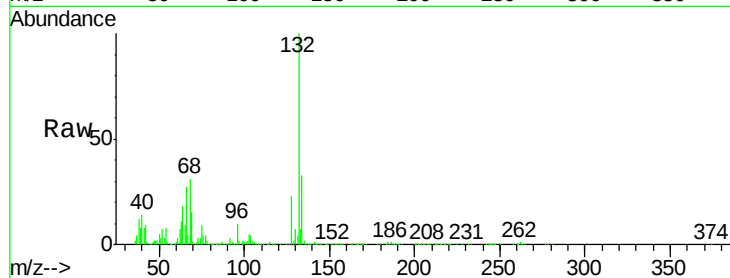
ClientSampleId :

MDL-03-S

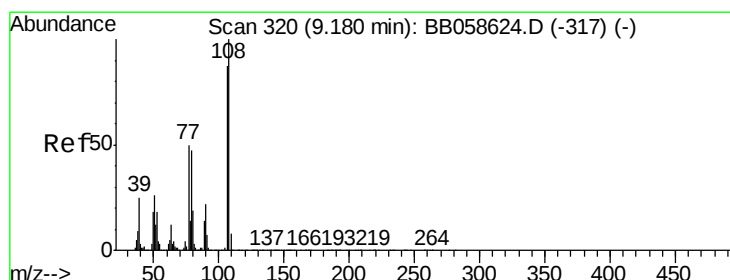
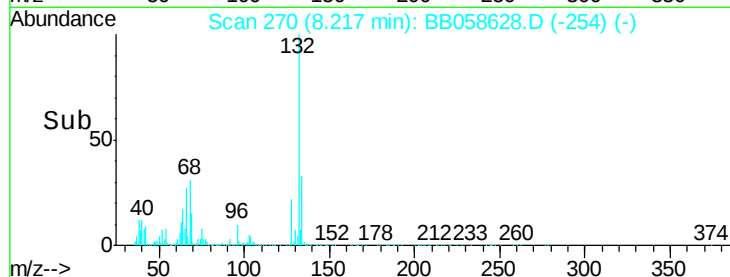
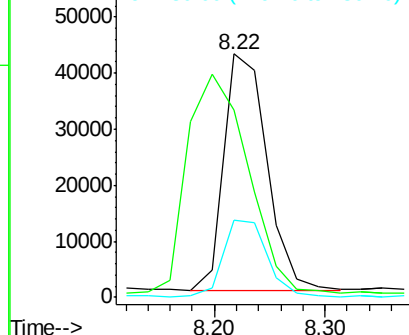
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	116204		
64	77.0	37.5	56.3#	
130	31.5	25.0	37.4	

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BB0
Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.16 ng/ul

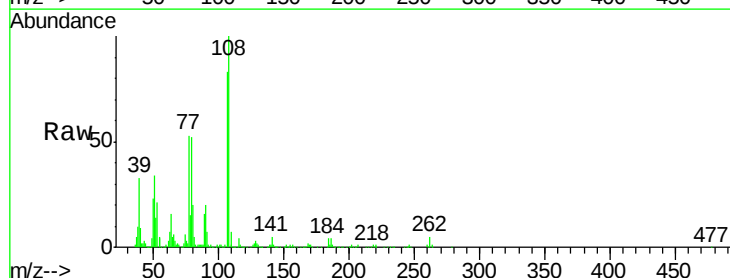
RT: 9.16 min Scan# 319

Delta R.T. -0.00 min

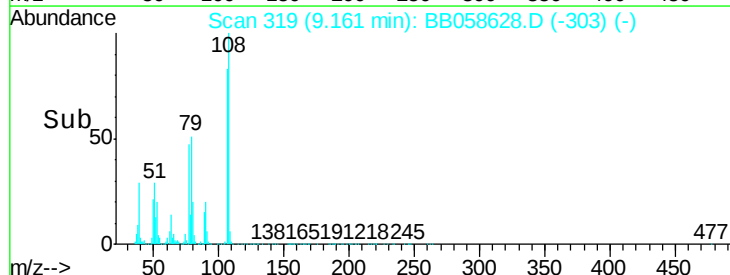
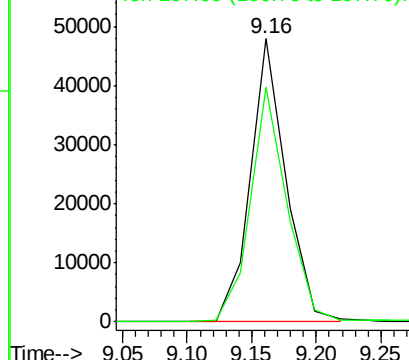
Lab File: BB058628.D

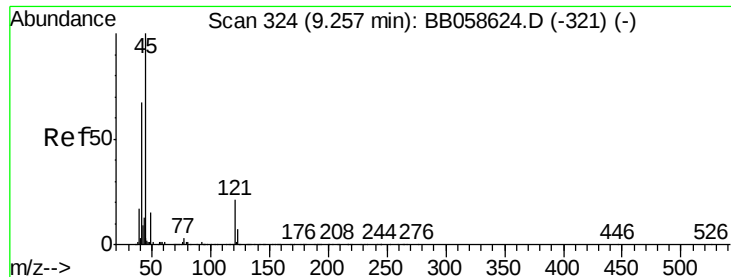
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	91396		
107	82.7	71.8	107.6	



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





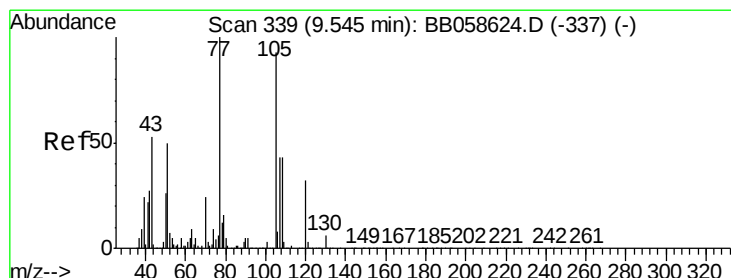
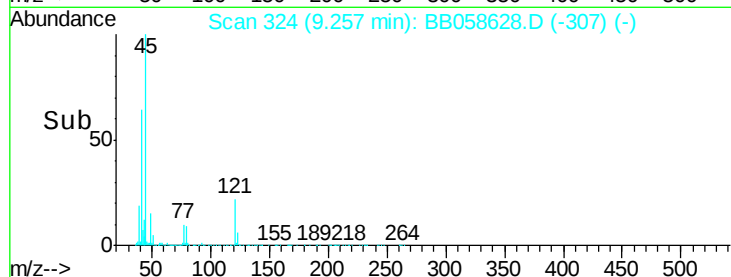
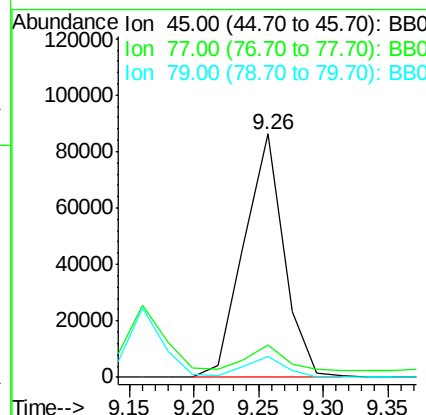
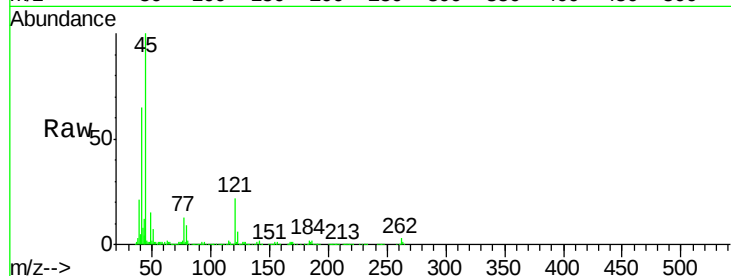
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.55 ng/ul
RT: 9.26 min Scan# 324
Delta R.T. 0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	14.1	21.1#
79	8.8	10.4	15.6#

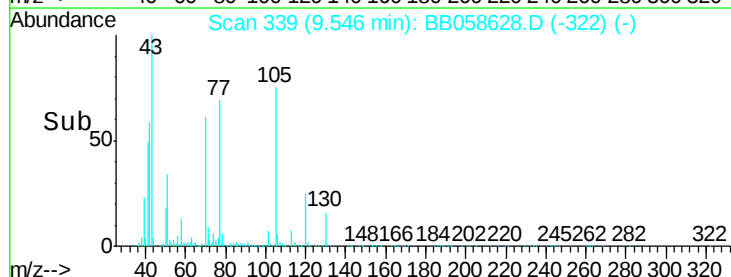
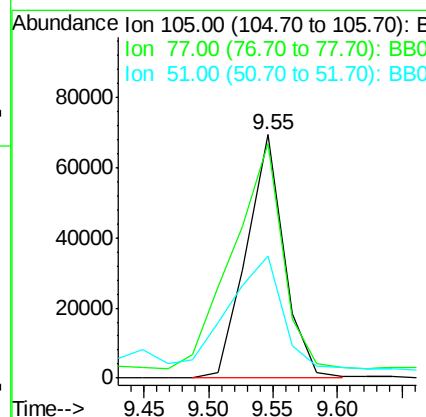
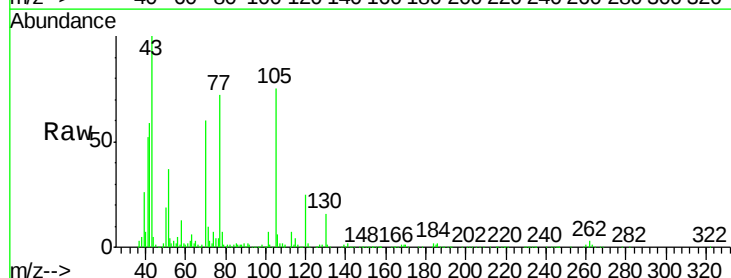
Manual Integrations
APPROVED

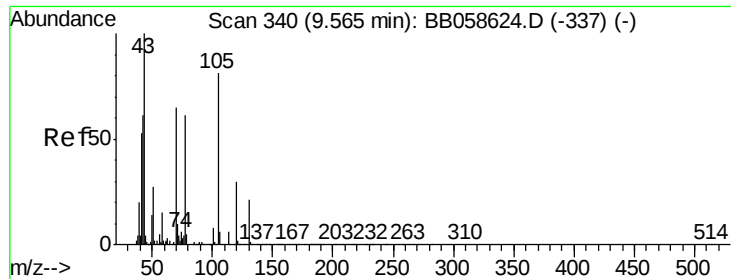
sohil
10/13/2016 4:36:27 PM



#14
Acetophenone
Concen: 3.19 ng/ul
RT: 9.55 min Scan# 339
Delta R.T. 0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Lower	Upper
105	100		
77	96.3	65.9	98.9
51	50.1	22.2	33.2#





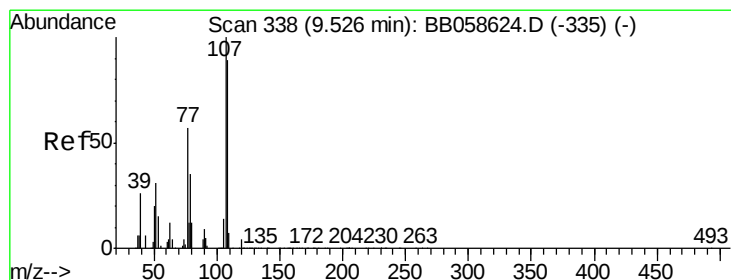
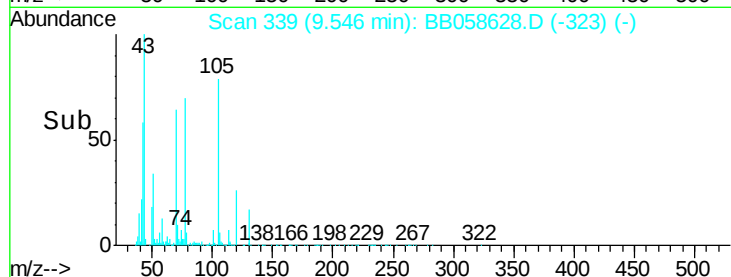
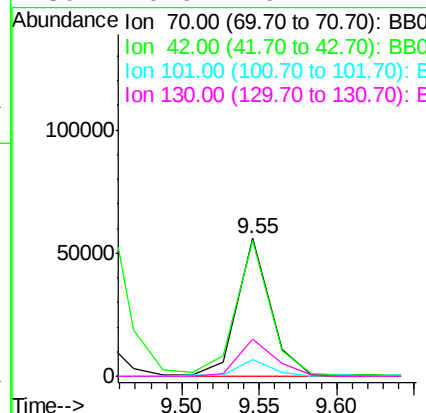
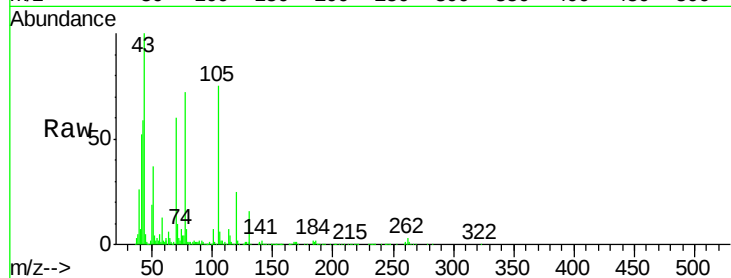
#15
N-Nitroso-di-n-propylamine
Concen: 3.25 ng/ul
RT: 9.55 min Scan# 339
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampled :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
70	100		
42	98.2	43.4	65.2#
101	12.1	7.8	11.6#
130	26.6	16.2	24.4#

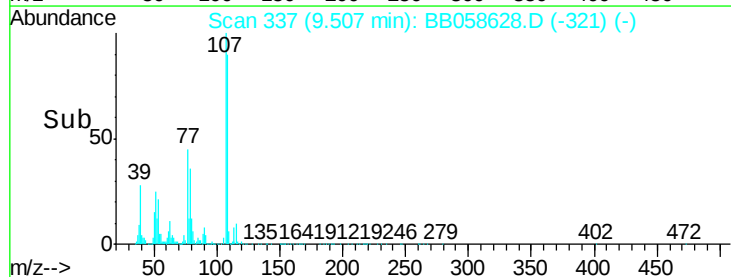
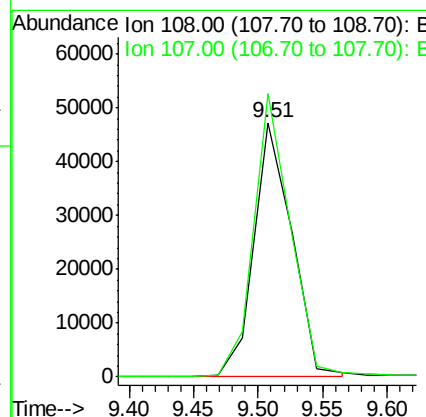
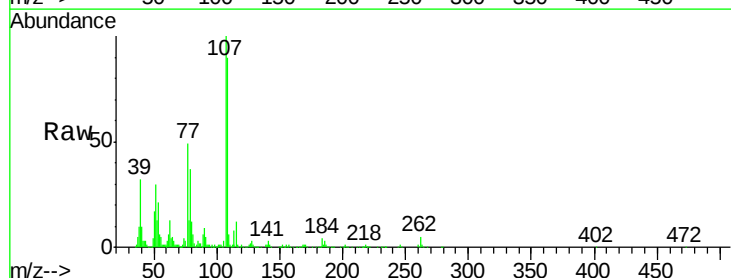
Manual Integrations
APPROVED

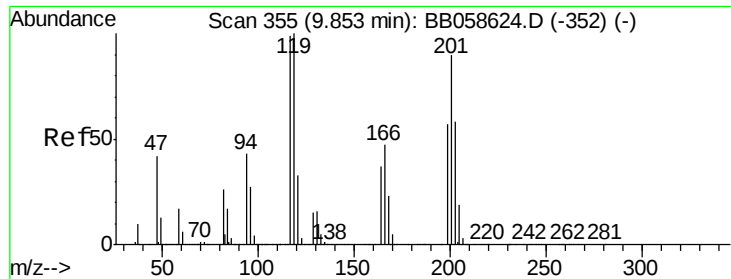
sohil
10/13/2016 4:36:27 PM



#16
4-Methylphenol
Concen: 3.07 ng/ul
RT: 9.51 min Scan# 337
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Lower	Upper
108	100		
107	111.2	87.8	131.8





#17

Hexachloroethane

Concen: 3.20 ng/ul

RT: 9.83 min Scan# 354

Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

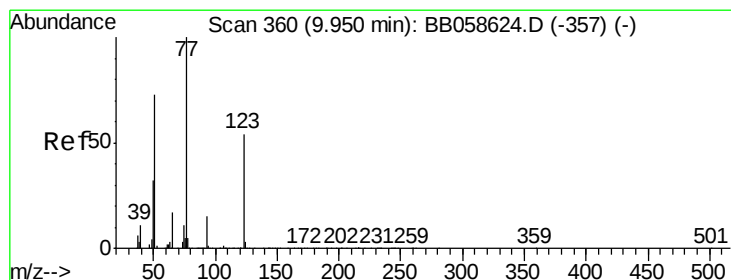
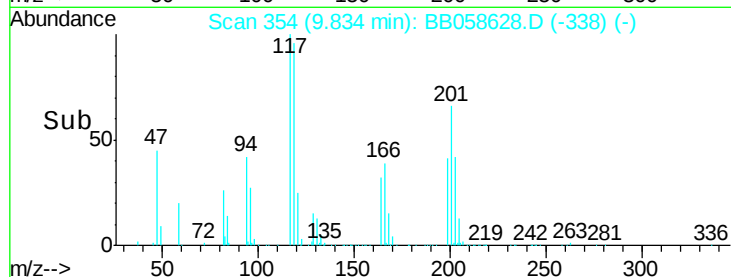
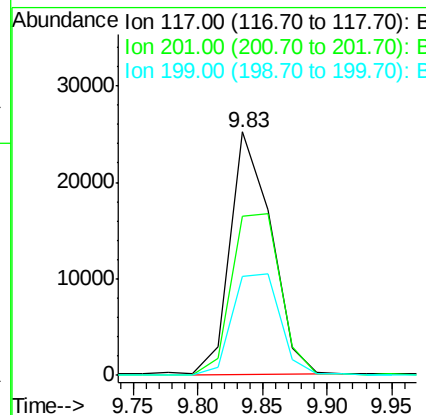
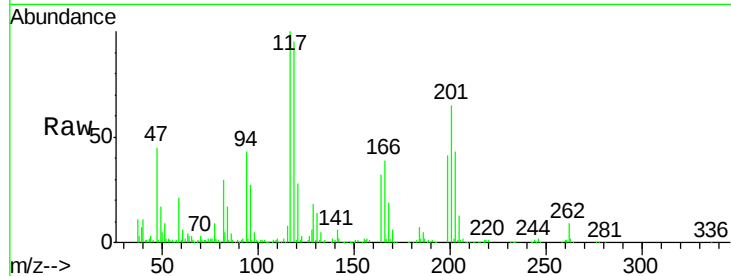
ClientSampleId :

MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	55451		
201	65.4	90.3	135.5#	
199	40.8	58.5	87.7#	

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#20

Nitrobenzene

Concen: 3.27 ng/ul

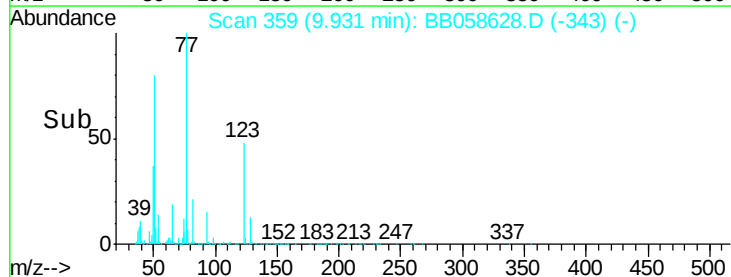
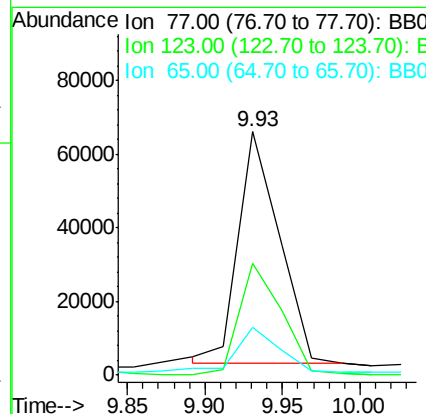
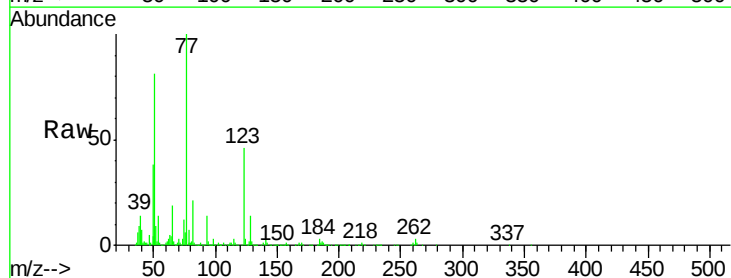
RT: 9.93 min Scan# 359

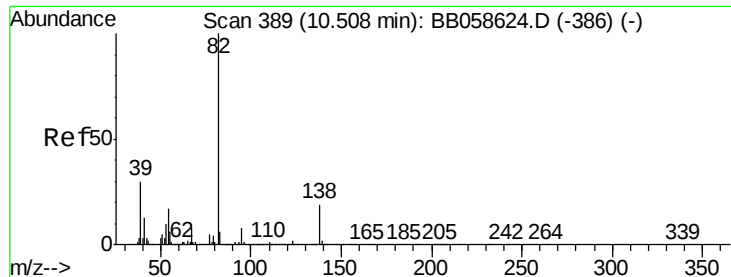
Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	116219		
123	45.9	34.2	51.4	
65	19.5	11.0	16.6#	





#21

Isophorone

Concen: 3.37 ng/ul

RT: 10.49 min Scan# 388

Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

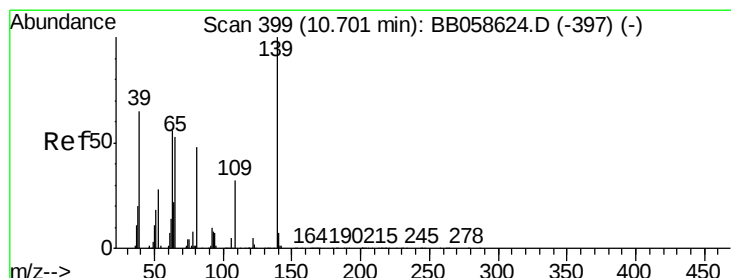
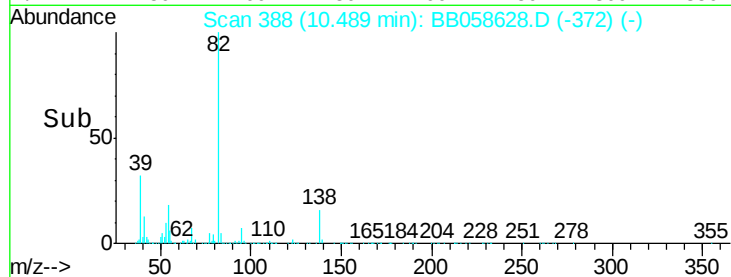
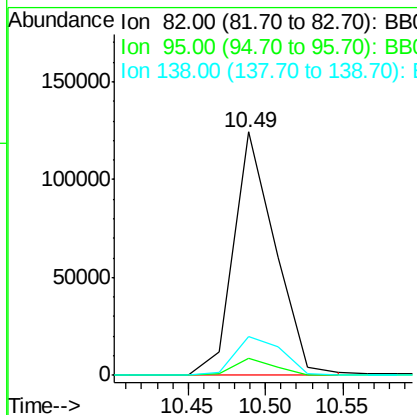
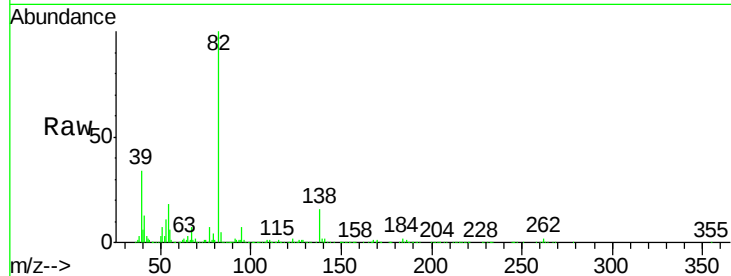
ClientSampleId :

MDL-03-S

Tgt Ion:	82	Resp:	231019
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.9	10.3
138	16.1	13.8	20.8

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#23

2-Nitrophenol

Concen: 3.47 ng/ul

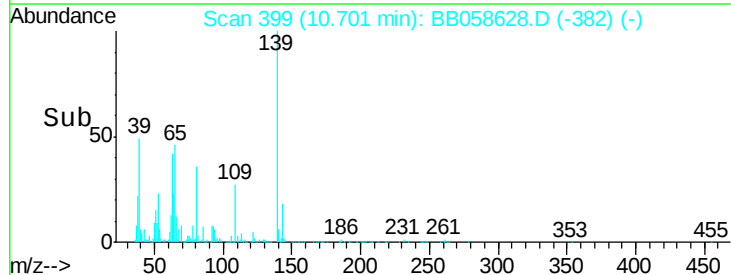
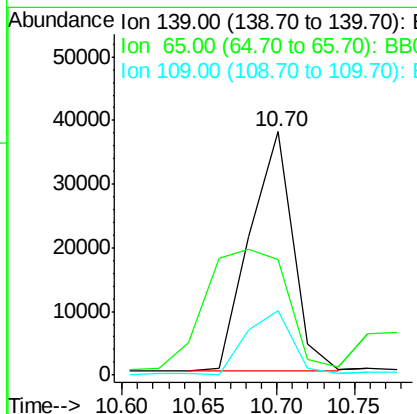
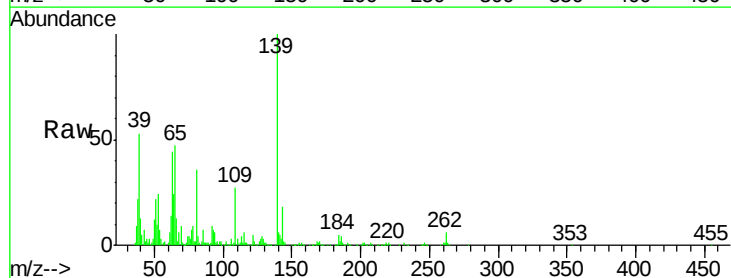
RT: 10.70 min Scan# 399

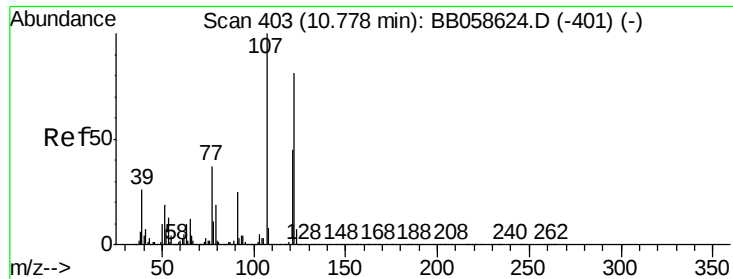
Delta R.T. 0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt Ion:	139	Resp:	73639
Ion Ratio	Lower	Upper	
139	100		
65	47.5	44.2	66.4
109	26.6	28.2	42.4





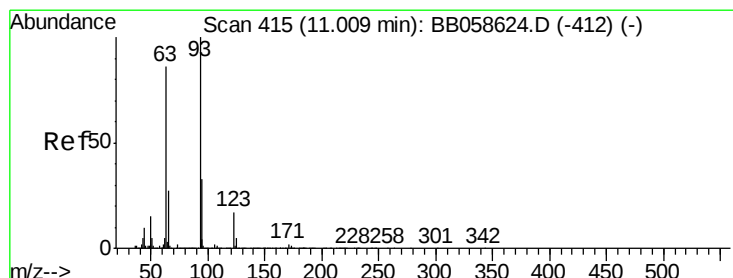
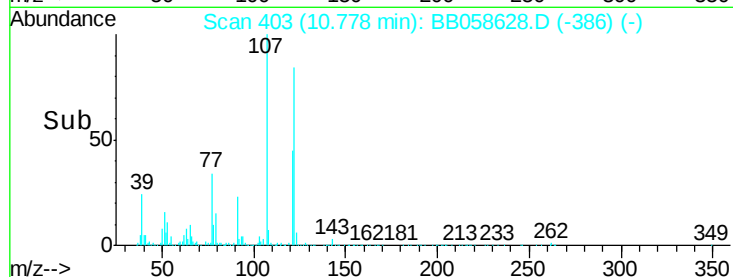
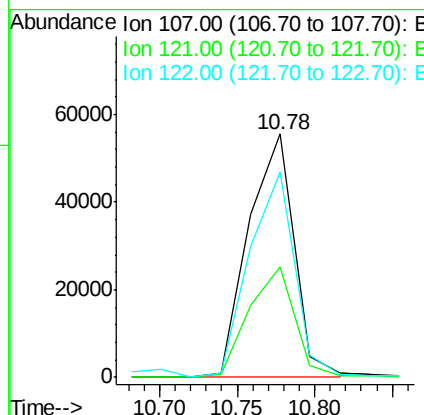
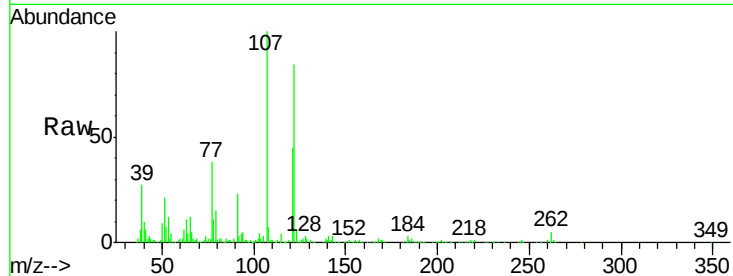
#24
2,4-Dimethylphenol
Concen: 3.29 ng/ul
RT: 10.78 min Scan# 403
Delta R.T. 0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
107	100		
121	45.1	37.1	55.7
122	84.1	62.8	94.2

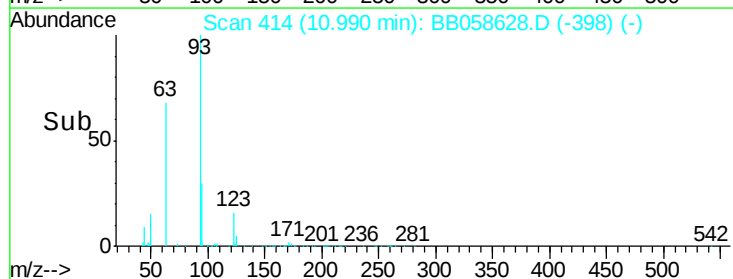
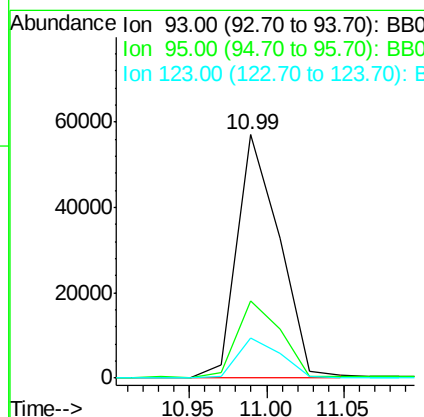
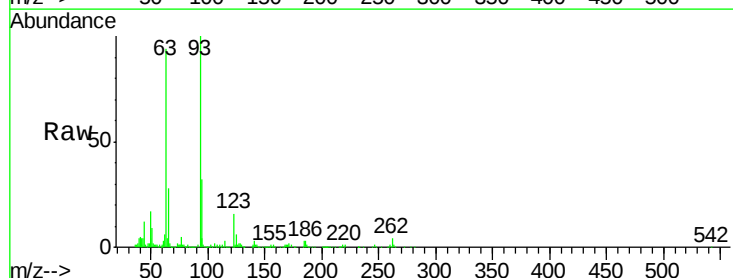
Manual Integrations
APPROVED

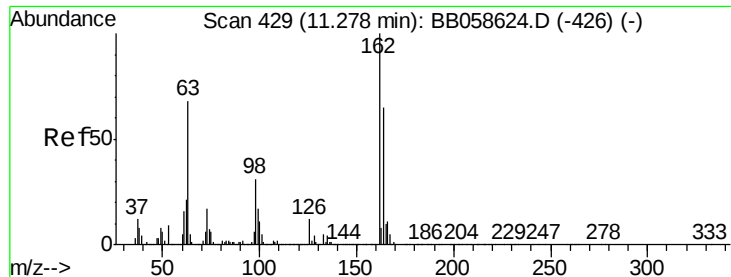
sohil
10/13/2016 4:36:27 PM



#25
Bis(2-Chloroethoxy)methane
Concen: 3.32 ng/ul
RT: 10.99 min Scan# 414
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.0
123	16.2	8.3	12.5





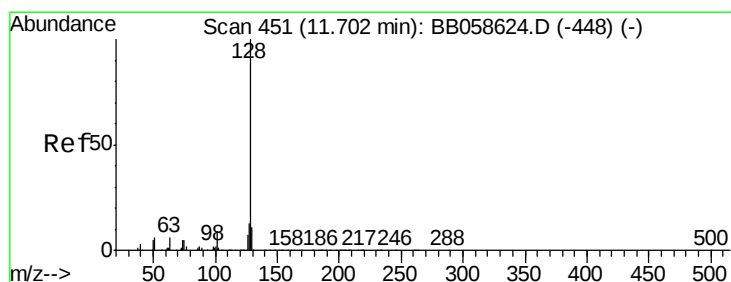
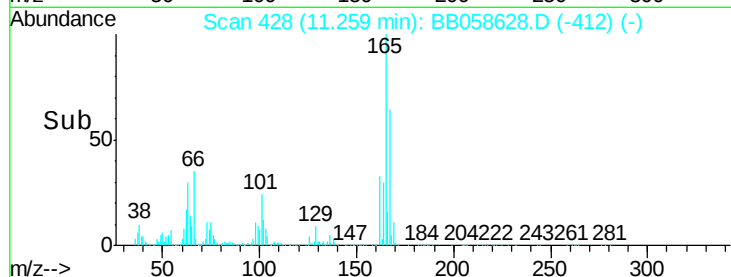
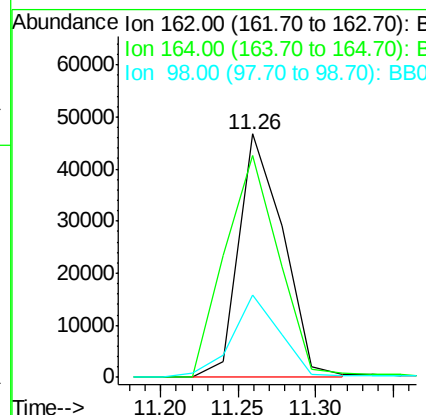
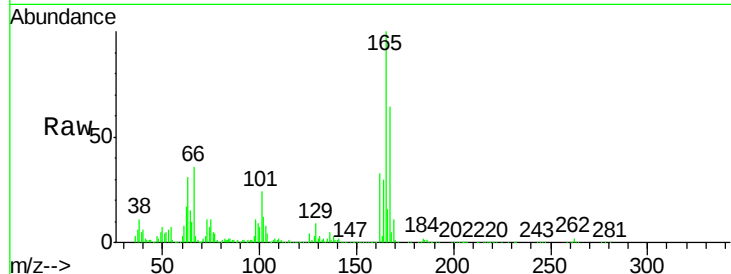
#27
2,4-Dichlorophenol
Concen: 3.25 ng/ul
RT: 11.26 min Scan# 428
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	93915		
164	91.0	51.6	77.4#	
98	34.0	28.4	42.6	

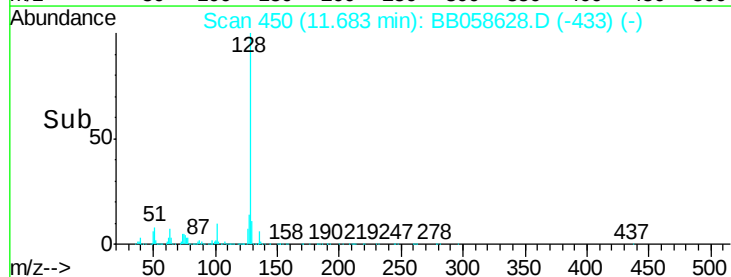
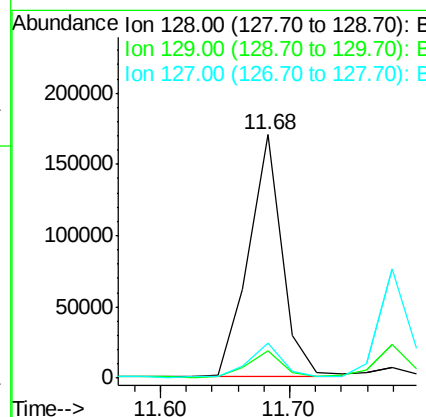
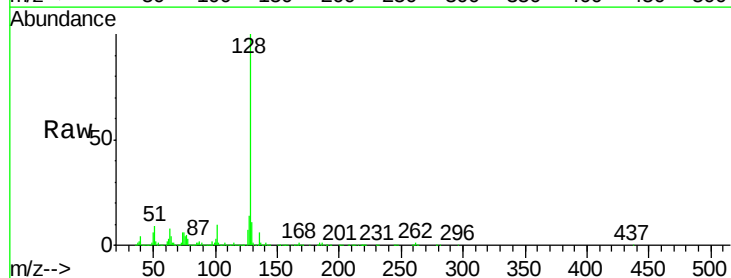
Manual Integrations
APPROVED

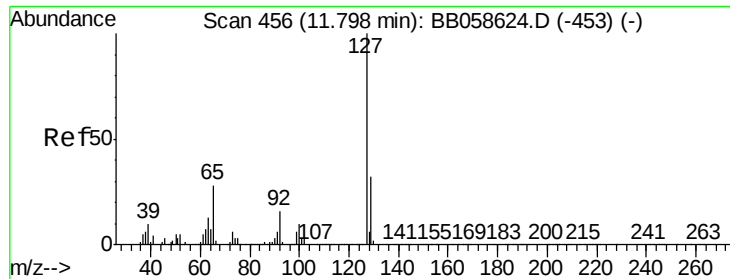
sohil
10/13/2016 4:36:27 PM



#28
Naphthalene
Concen: 3.48 ng/ul
RT: 11.68 min Scan# 450
Delta R.T. 0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	303797		
129	11.1	8.6	12.8	
127	14.2	10.6	15.8	





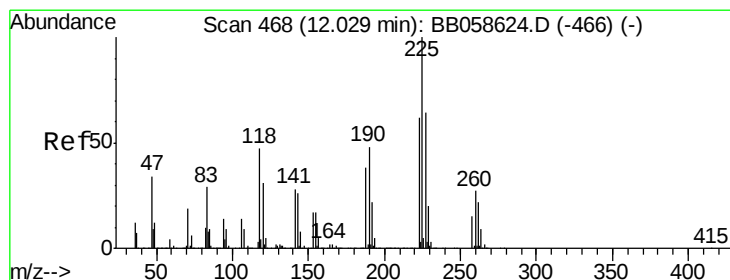
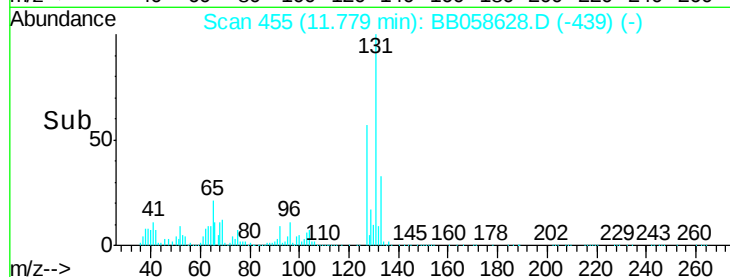
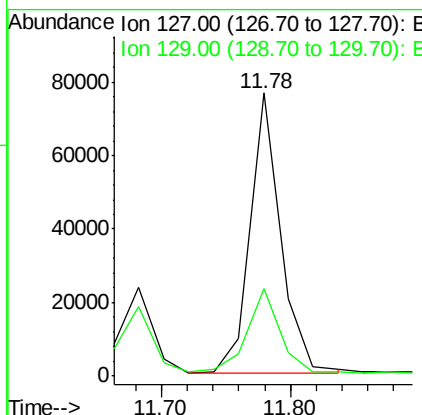
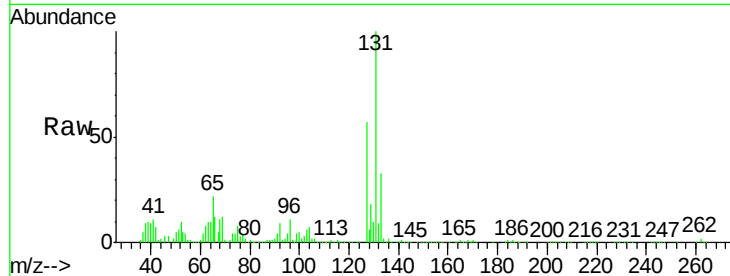
#30
4-Chloroaniline
Concen: 3.78 ng/ul
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion:127 Resp: 124602
Ion Ratio Lower Upper
127 100
129 30.8 24.6 37.0

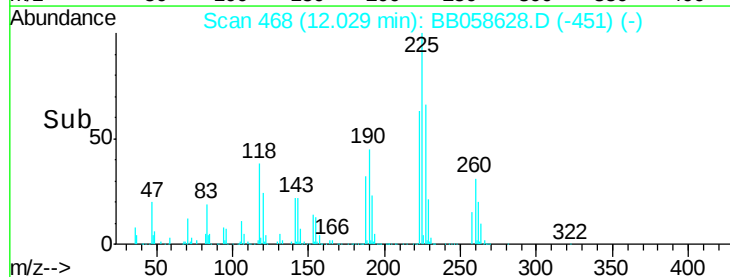
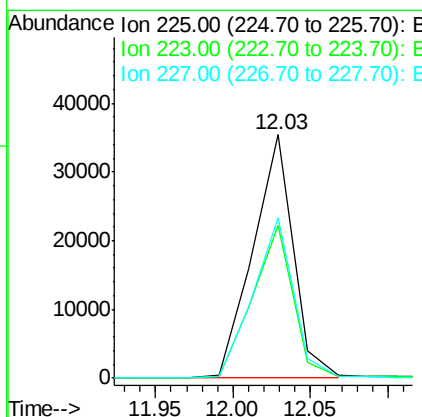
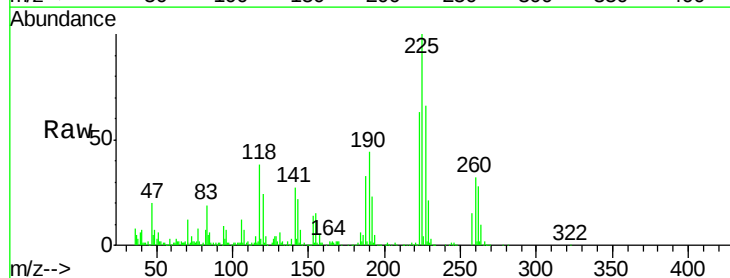
Manual Integrations
APPROVED

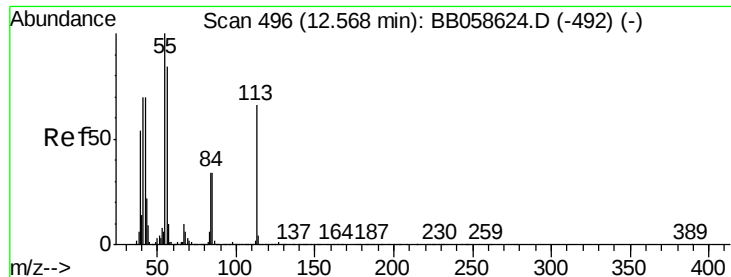
sohil
10/13/2016 4:36:27 PM



#31
Hexachlorobutadiene
Concen: 3.26 ng/ul
RT: 12.03 min Scan# 468
Delta R.T. 0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion:225 Resp: 64374
Ion Ratio Lower Upper
225 100
223 62.8 51.2 76.8
227 66.1 52.5 78.7





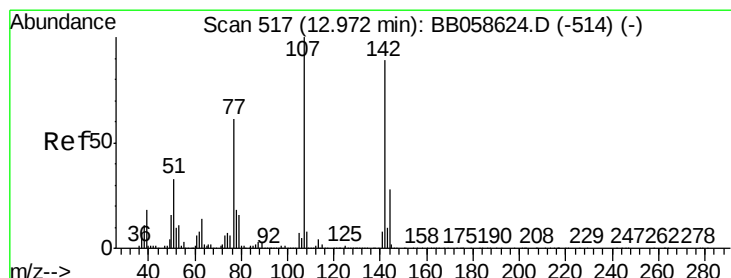
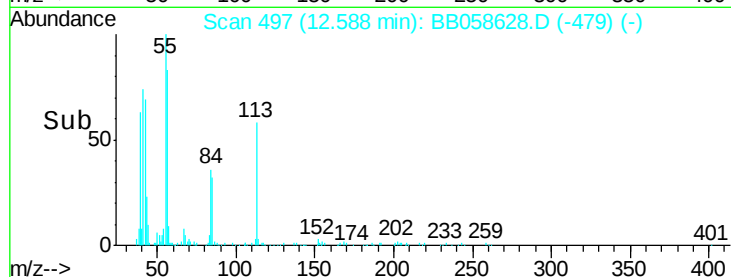
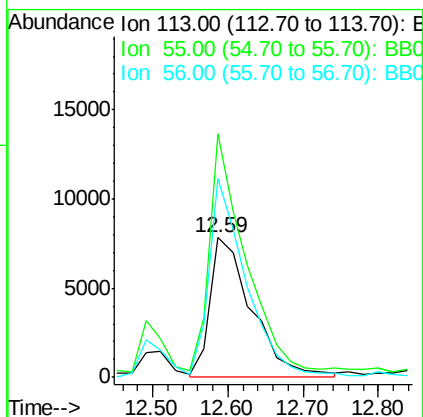
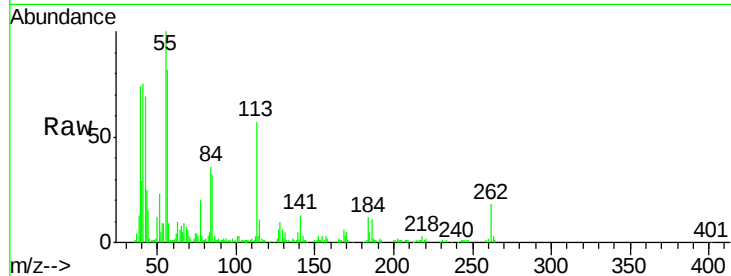
#32
 Caprolactam
 Concen: 2.88 ng/ul m
 RT: 12.59 min Scan# 497
 Delta R.T. 0.04 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Instrument :
 BNA_B
 ClientSampleId :
 MDL-03-S

Tgt Ion:113 Resp: 30247
 Ion Ratio Lower Upper
 113 100
 55 174.6 121.9 182.9
 56 142.6 97.4 146.0

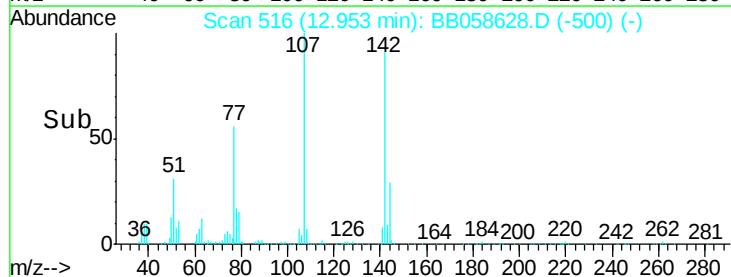
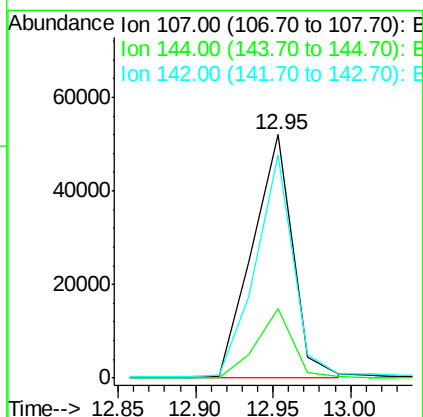
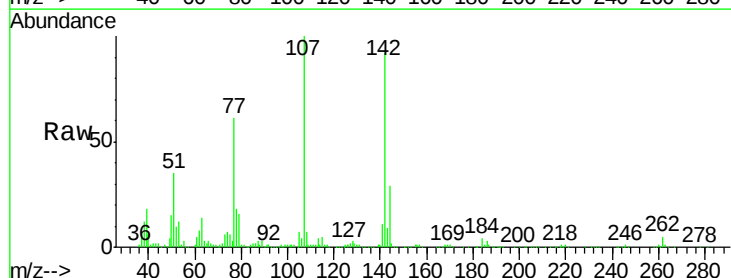
Manual Integrations
 APPROVED

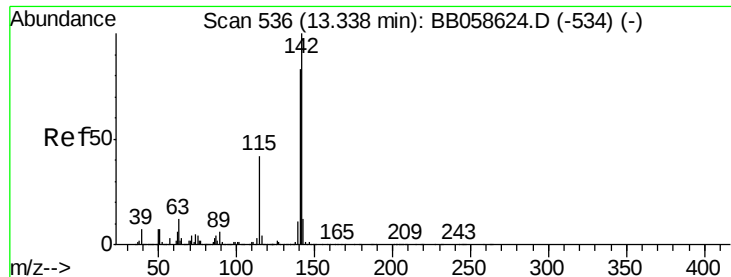
sohil
 10/13/2016 4:36:27 PM



#33
 4-Chloro-3-methylphenol
 Concen: 3.28 ng/ul
 RT: 12.95 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Tgt Ion:107 Resp: 94588
 Ion Ratio Lower Upper
 107 100
 144 28.8 21.1 31.7
 142 91.8 64.1 96.1





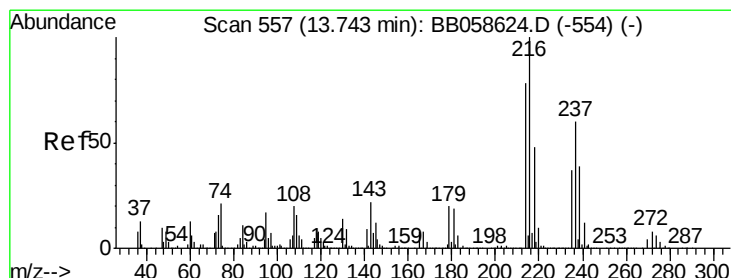
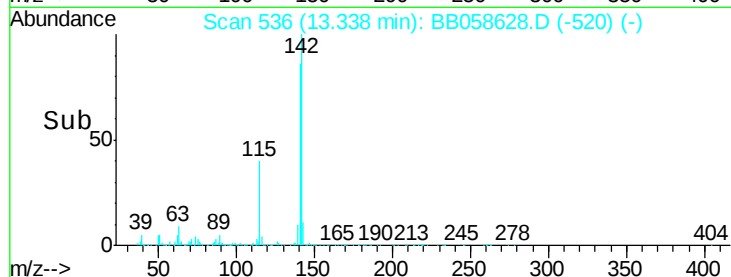
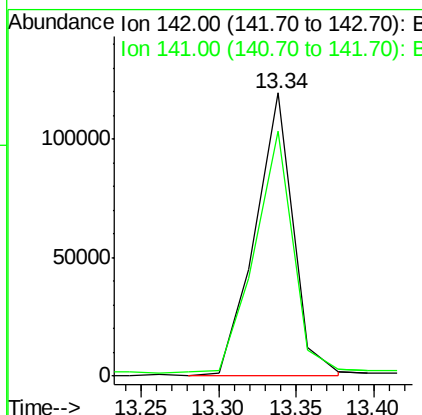
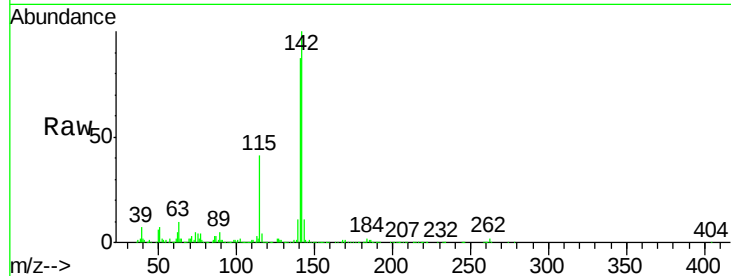
#34
2-Methylnaphthalene
Concen: 3.40 ng/ul
RT: 13.34 min Scan# 536
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9

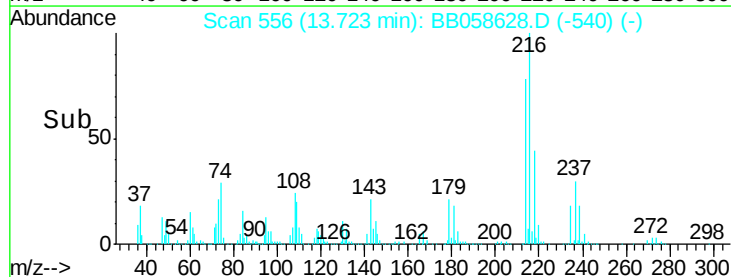
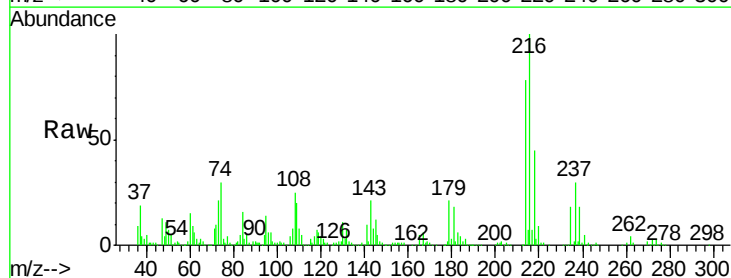
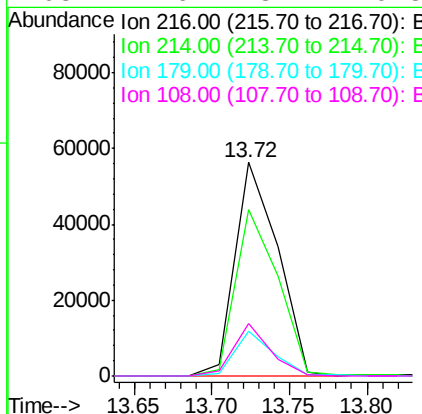
Manual Integrations
APPROVED

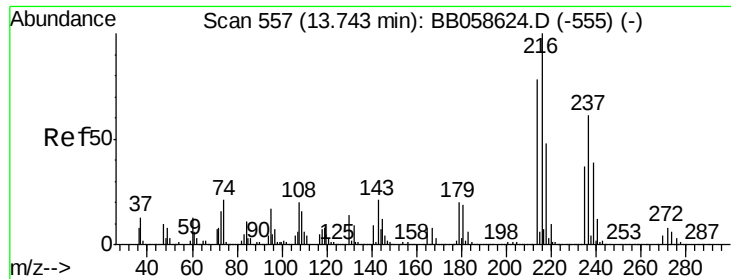
sohil
10/13/2016 4:36:27 PM



#36
1,2,4,5-Tetrachlorobenzene
Concen: 3.31 ng/ul
RT: 13.72 min Scan# 556
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	64.8	97.2
179	20.8	16.7	25.1
108	24.6	13.2	19.8





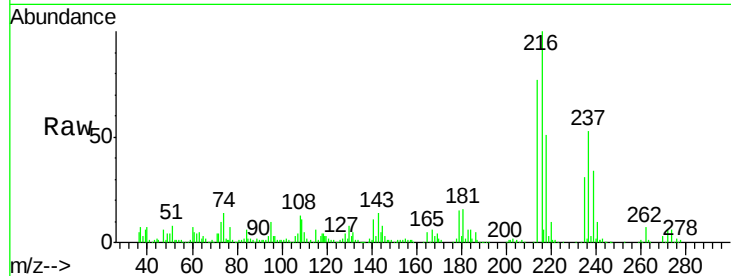
#37
Hexachlorocyclopentadiene
Concen: 2.00 ng/ul
RT: 13.74 min Scan# 557
Delta R.T. 0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

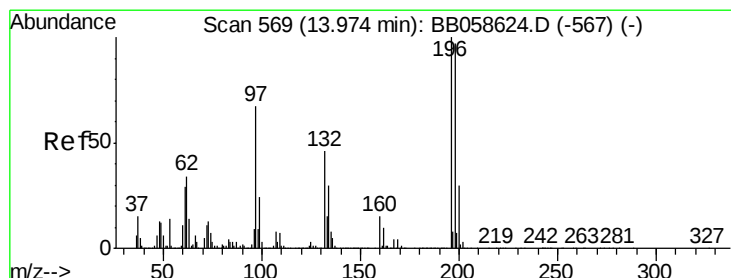
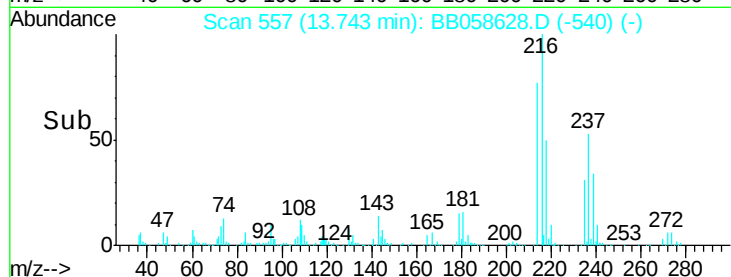
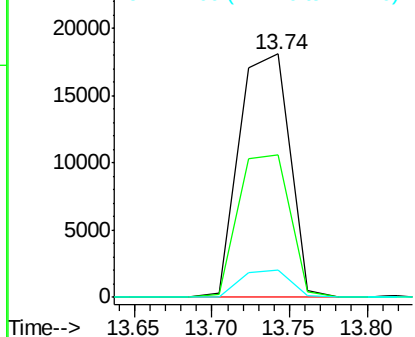
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	41713		
235	58.4	49.6	74.4	
272	11.3	10.4	15.6	

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM

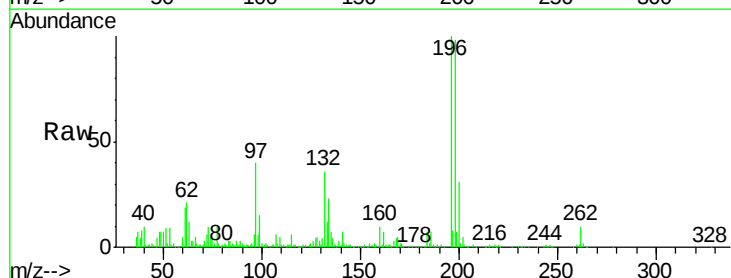


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

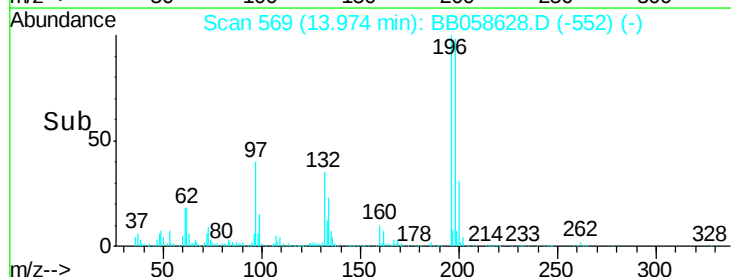
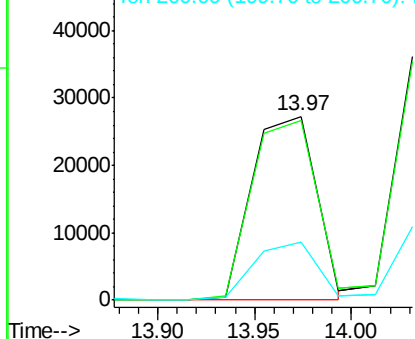


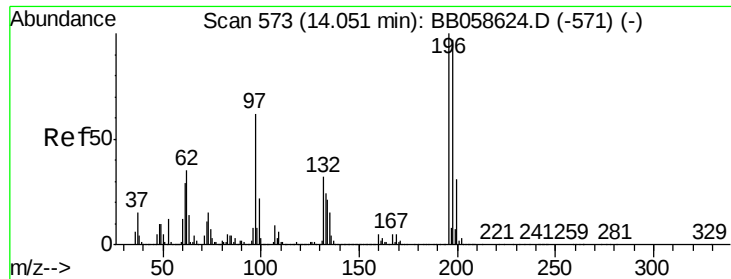
#38
2,4,6-Trichlorophenol
Concen: 3.13 ng/ul
RT: 13.97 min Scan# 569
Delta R.T. 0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62760		
198	98.3	76.9	115.3	
200	31.3	25.1	37.7	



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





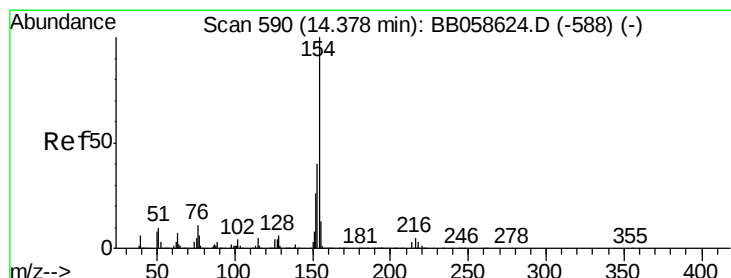
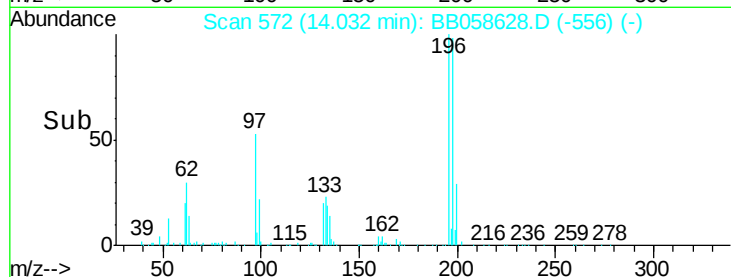
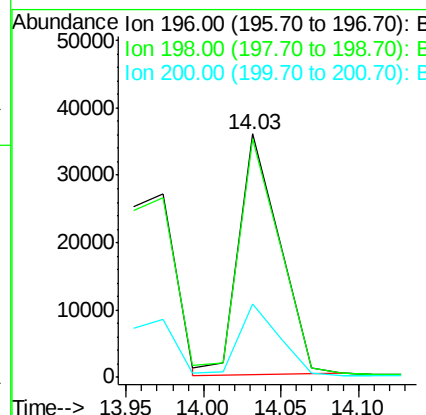
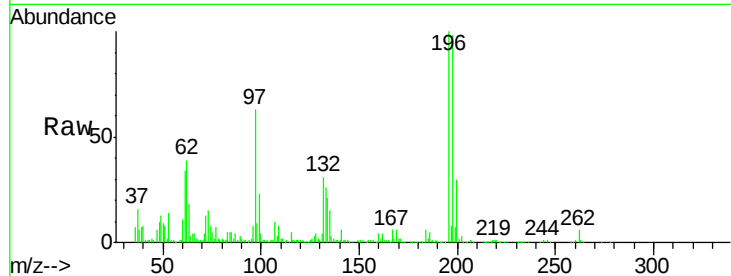
#39
 2,4,5-Trichlorophenol
 Concen: 3.10 ng/ul
 RT: 14.03 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Instrument :
 BNA_B
 ClientSampleID :
 MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	66077		
198	98.2	76.8	115.2	
200	30.2	27.0	40.4	

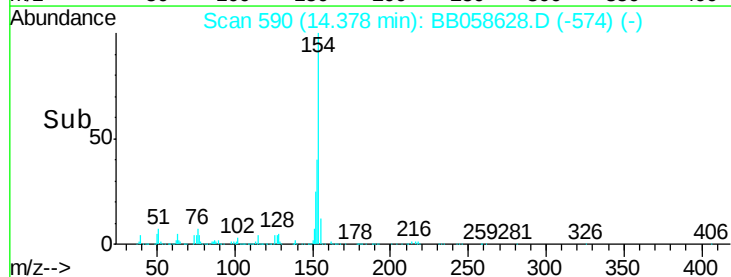
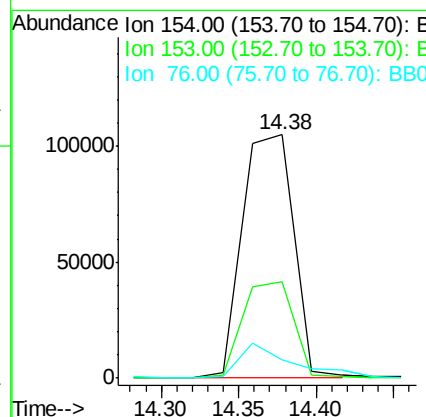
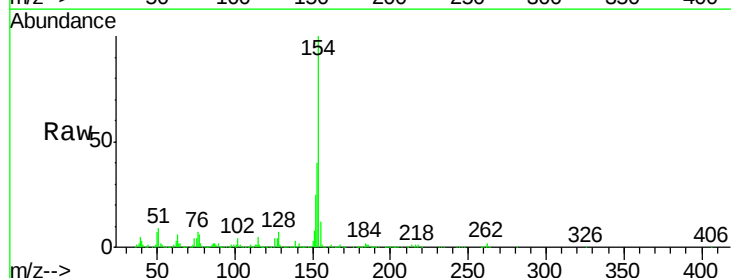
Manual Integrations
 APPROVED

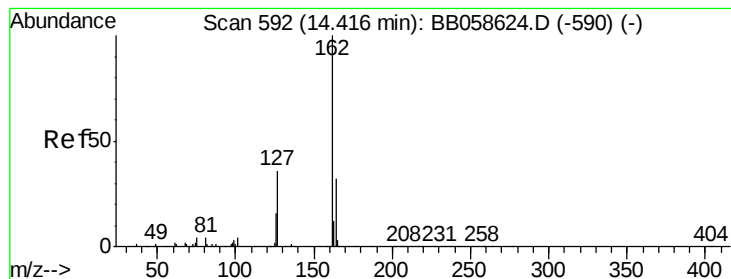
sohil
 10/13/2016 4:36:27 PM



#40
 1,1'-Biphenyl
 Concen: 3.40 ng/ul
 RT: 14.38 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	245377		
153	39.6	31.3	46.9	
76	7.5	10.0	15.0	





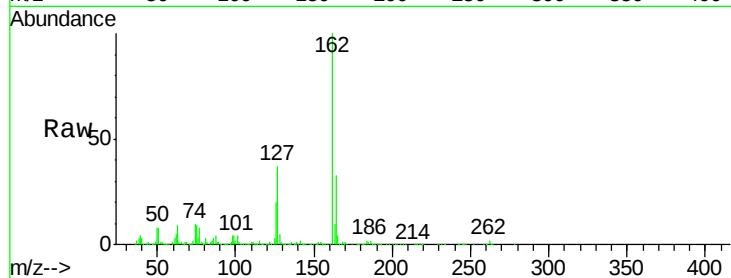
#41
 2-Chloronaphthalene
 Concen: 3.29 ng/ul
 RT: 14.42 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Instrument :
 BNA_B
 ClientSampleID :
 MDL-03-S

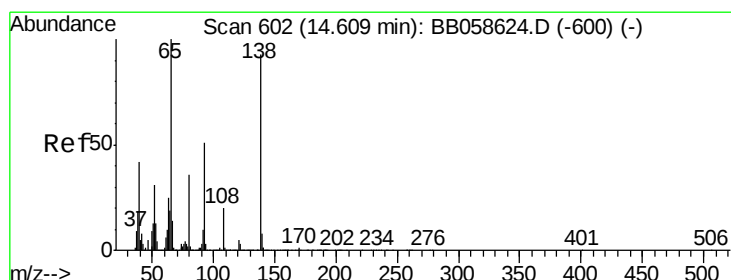
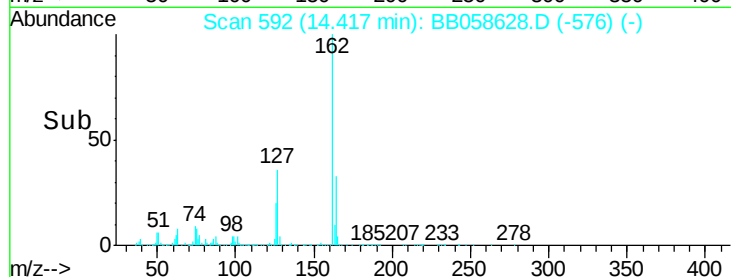
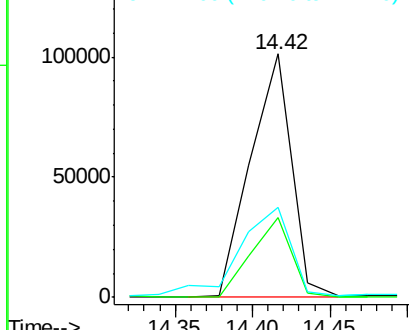
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	33.0	26.9	40.3
127	36.8	31.2	46.8

Manual Integrations
 APPROVED

sohil
 10/13/2016 4:36:27 PM

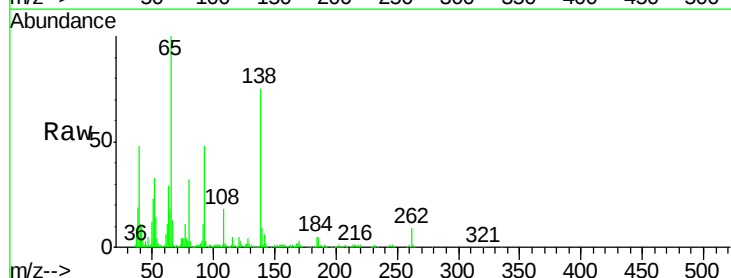


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

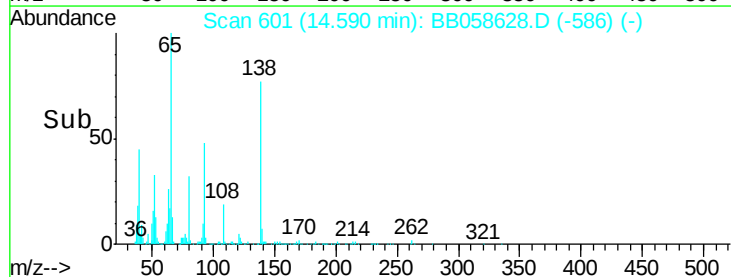
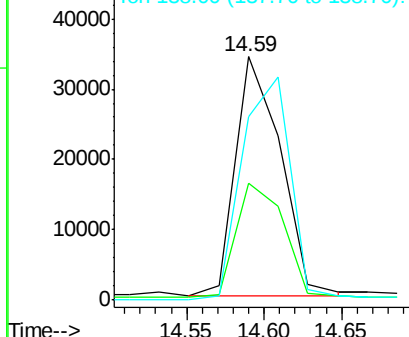


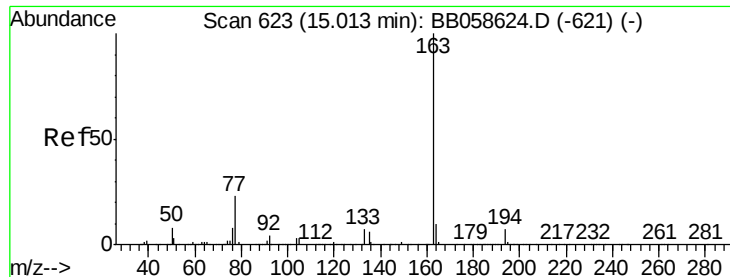
#42
 2-Nitroaniline
 Concen: 3.18 ng/ul
 RT: 14.59 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	48.0	55.6	83.4#
138	75.1	81.3	121.9#



Abundance Ion 65.00 (64.70 to 65.70): BB0
 Ion 92.00 (91.70 to 92.70): BB0
 Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 3.22 ng/ul

RT: 14.99 min Scan# 622

Delta R.T. -0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

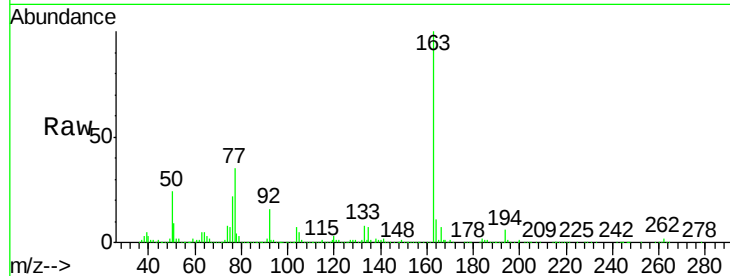
ClientSampled :

MDL-03-S

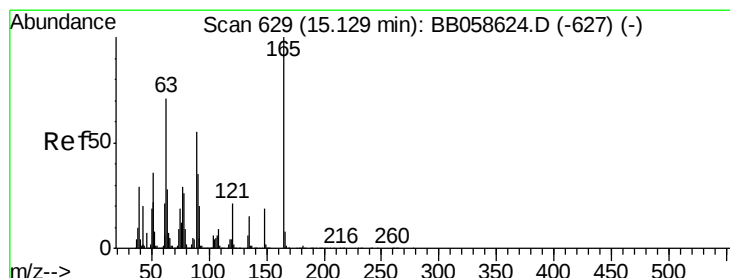
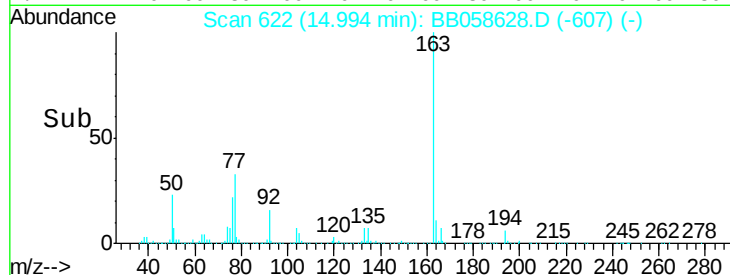
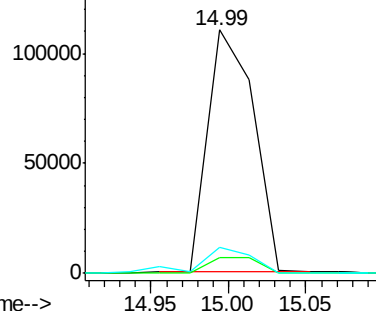
Tgt Ion:	163	Resp:	230286
Ion Ratio		Lower	Upper
163	100		
194	6.5	3.4	5.2#
164	10.9	7.8	11.8

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



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: 3.25 ng/ul

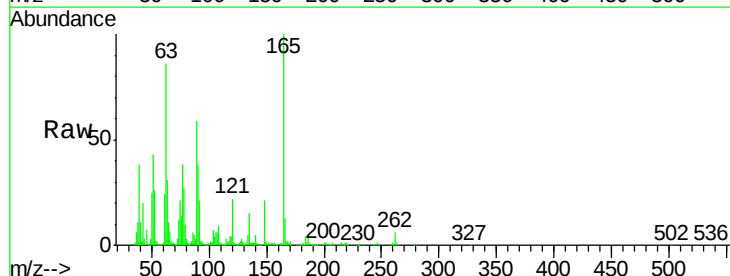
RT: 15.11 min Scan# 628

Delta R.T. -0.00 min

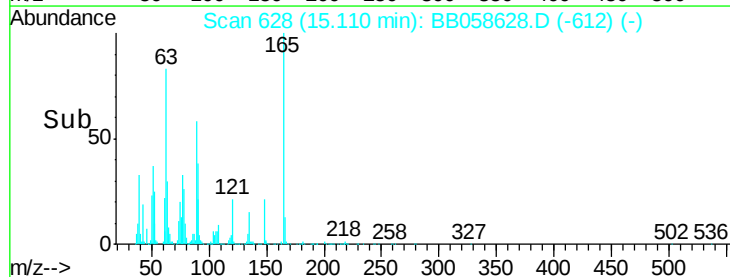
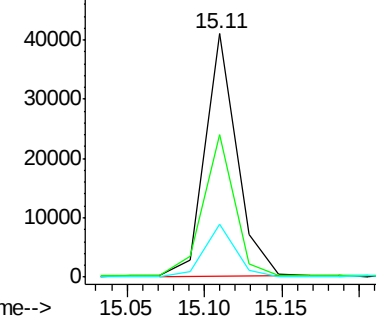
Lab File: BB058628.D

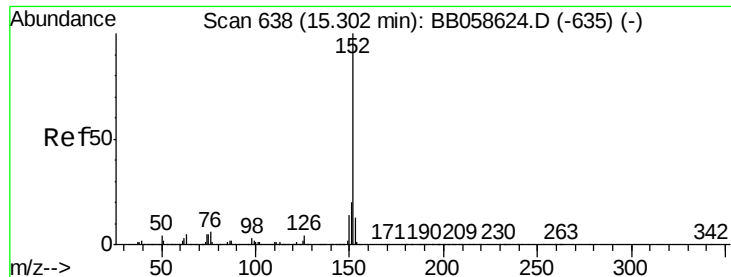
Acq: 13 Oct 2016 12:07

Tgt Ion:	165	Resp:	58678
Ion Ratio		Lower	Upper
165	100		
89	58.7	46.6	69.8
121	21.5	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: 3.68 ng/ul

RT: 15.28 min Scan# 637

Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

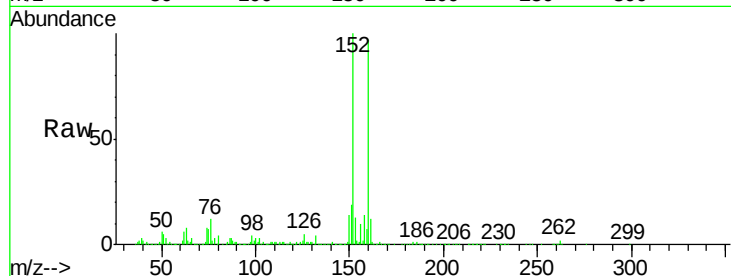
ClientSampled :

MDL-03-S

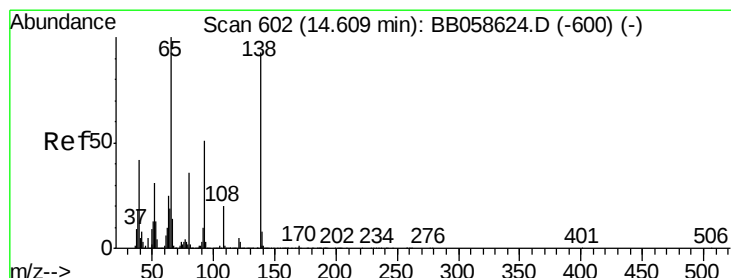
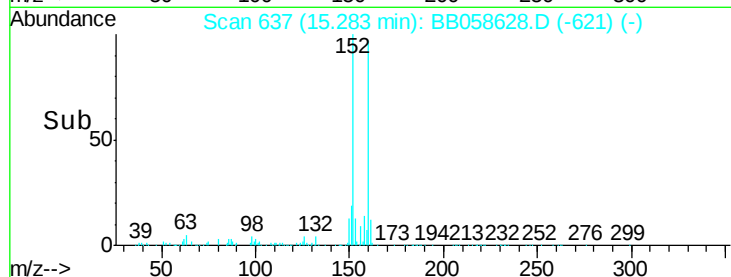
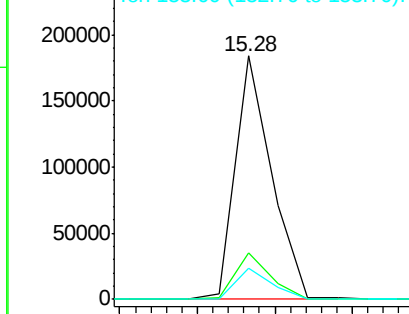
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	301255		
151	19.0		16.0	24.0
153	12.9		11.0	16.6

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 2.92 ng/ul

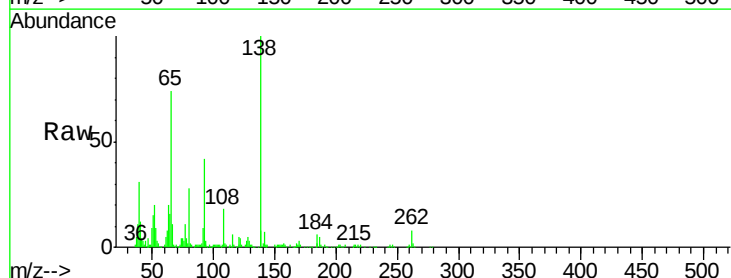
RT: 14.61 min Scan# 602

Delta R.T. -0.00 min

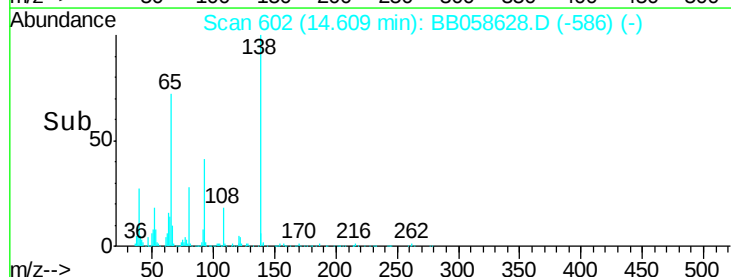
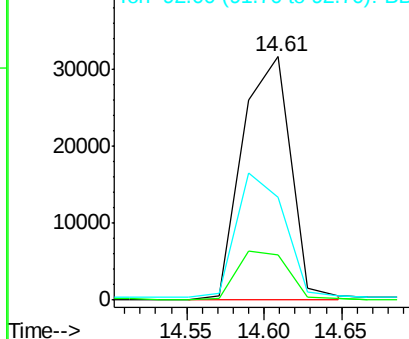
Lab File: BB058628.D

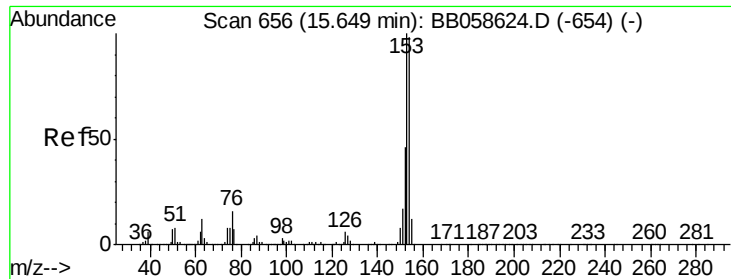
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	69039		
108	18.3		9.4	14.0#
92	42.1		96.6	145.0#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BB0





#49

Acenaphthene

Concen: 3.40 ng/ul

RT: 15.65 min Scan# 656

Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

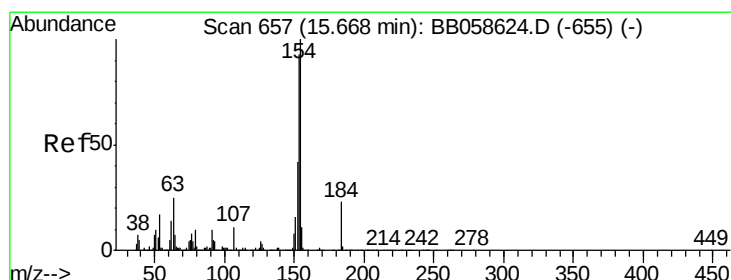
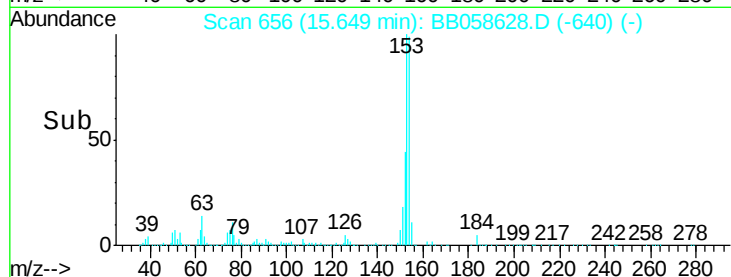
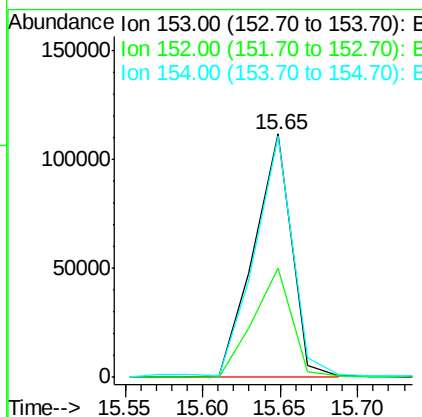
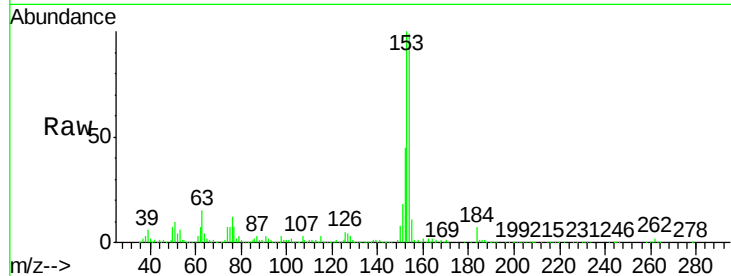
ClientSampleId :

MDL-03-S

Tgt Ion:	153	Resp:	191026
Ion Ratio		Lower	Upper
153	100		
152	45.1	37.8	56.6
154	99.1	71.4	107.0

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#50

2,4-Dinitrophenol

Concen: 1.66 ng/ul

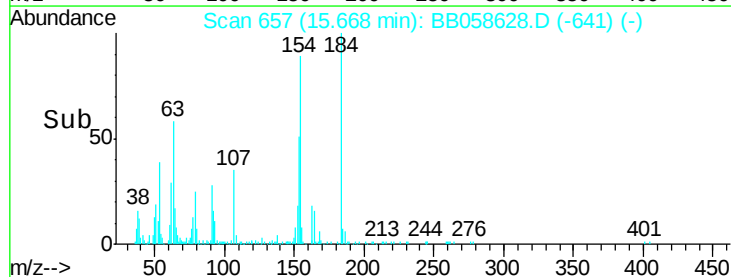
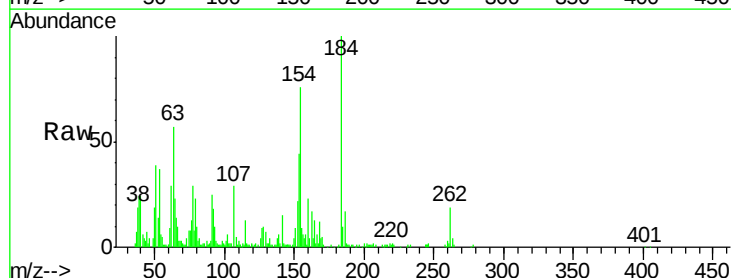
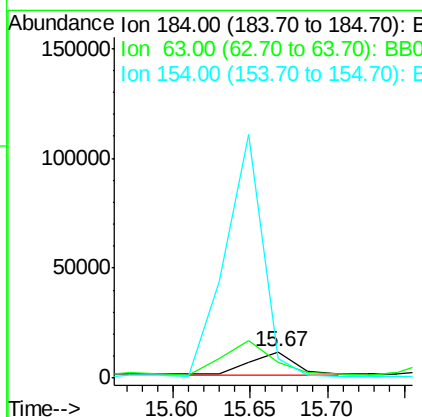
RT: 15.67 min Scan# 657

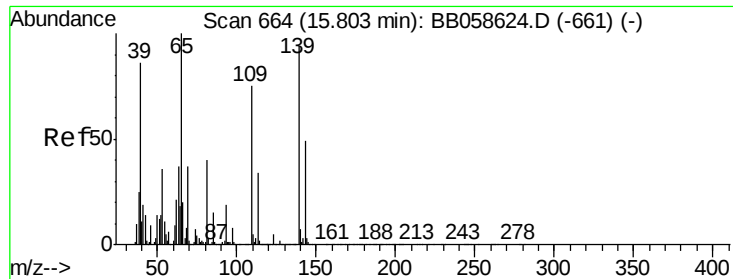
Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt Ion:	184	Resp:	21415
Ion Ratio		Lower	Upper
184	100		
63	57.4	43.4	65.0
154	75.8	48.2	72.4#





#52

4-Nitrophenol

Concen: 3.08 ng/ul

RT: 15.78 min Scan# 663

Delta R.T. -0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

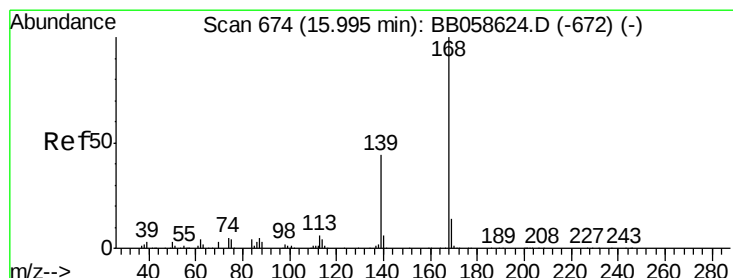
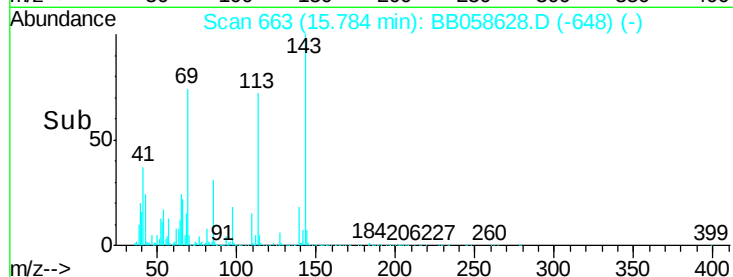
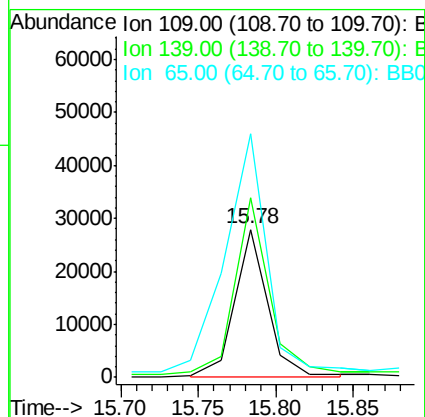
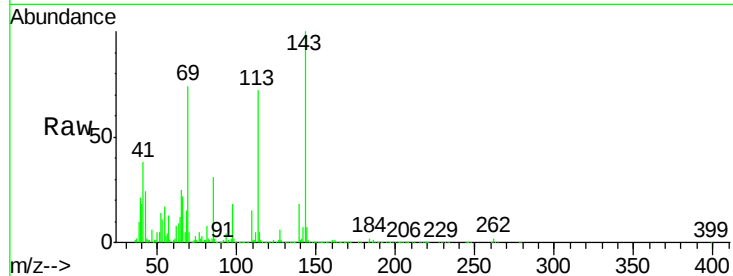
ClientSampleId :

MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	41218		
139	120.9	88.7	133.1	
65	164.4	96.4	144.6	

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#53

Dibenzofuran

Concen: 3.36 ng/ul

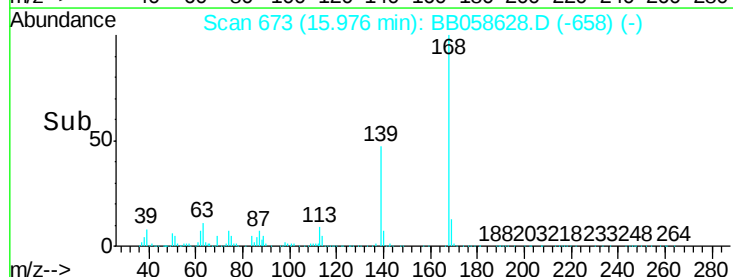
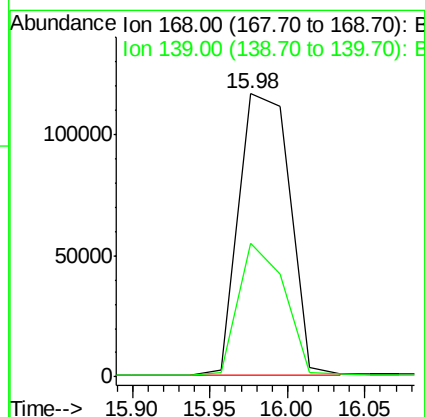
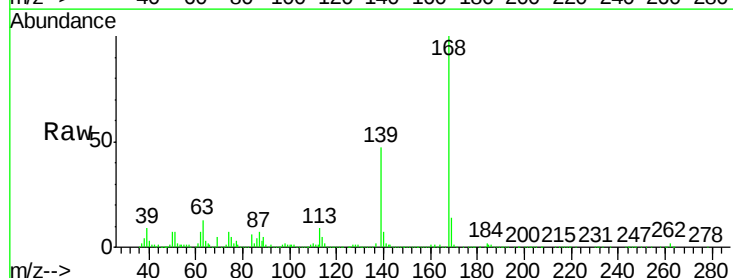
RT: 15.98 min Scan# 673

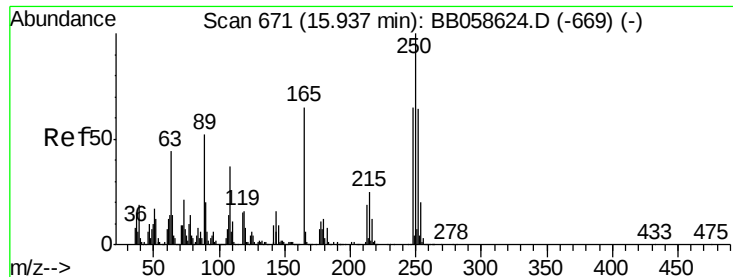
Delta R.T. -0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	269113		
139	47.2	30.1	45.1	





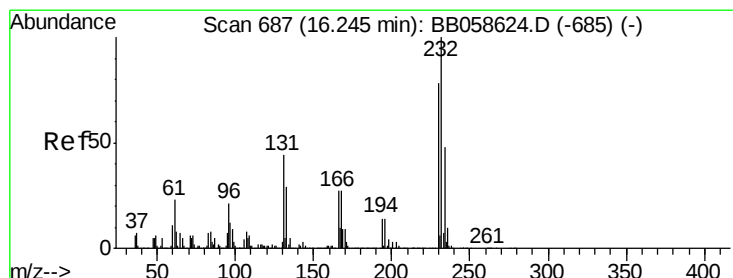
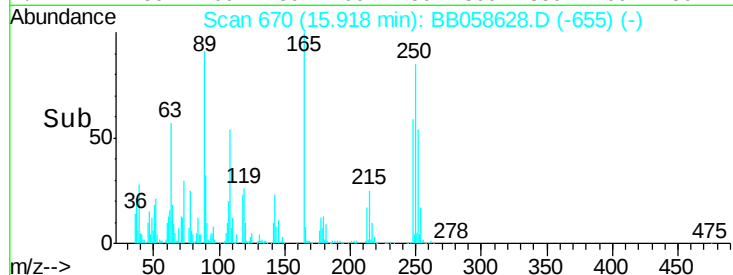
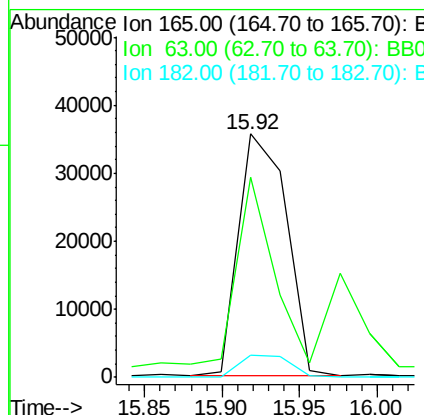
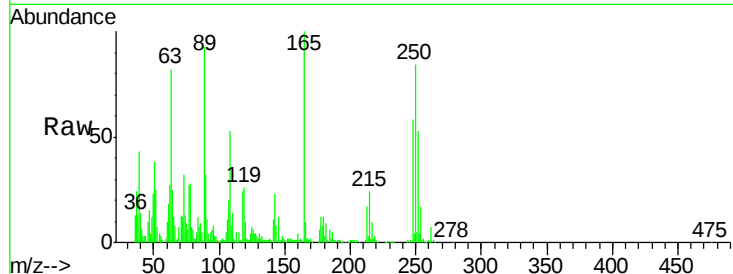
#54
 2,4-Dinitrotoluene
 Concen: 3.07 ng/ul
 RT: 15.92 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Instrument :
 BNA_B
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	77331		
63	82.3	36.2	54.2#	
182	9.0	2.2	3.4#	

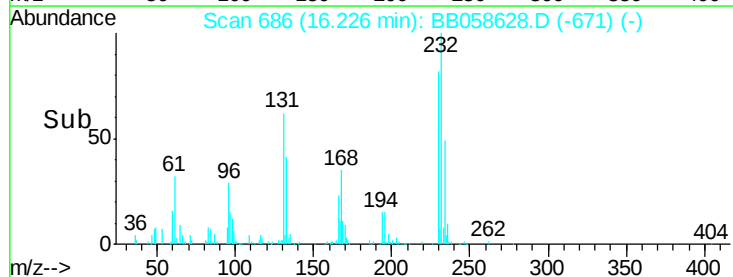
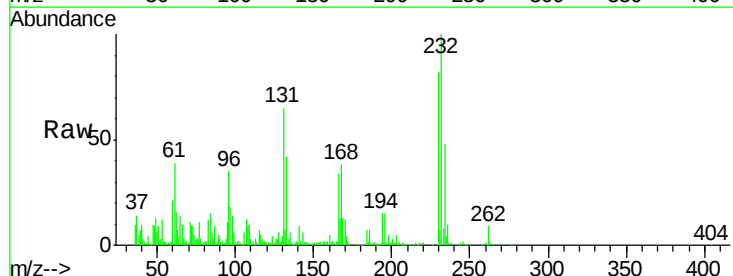
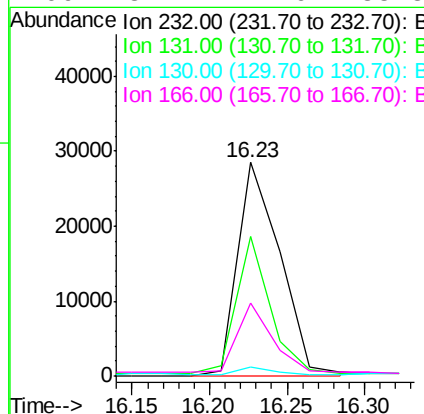
Manual Integrations
 APPROVED

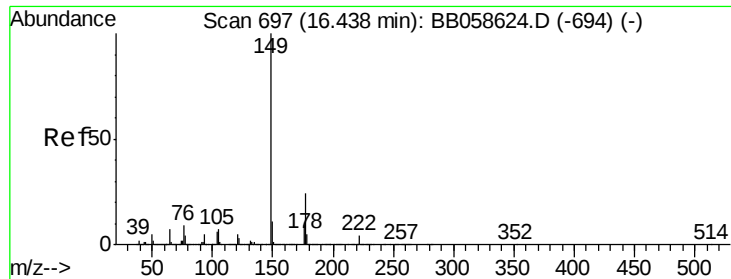
sohil
 10/13/2016 4:36:27 PM



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.92 ng/ul
 RT: 16.23 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	54469		
131	65.1	31.4	47.0#	
130	4.2	1.6	2.4#	
166	34.1	22.6	33.8#	





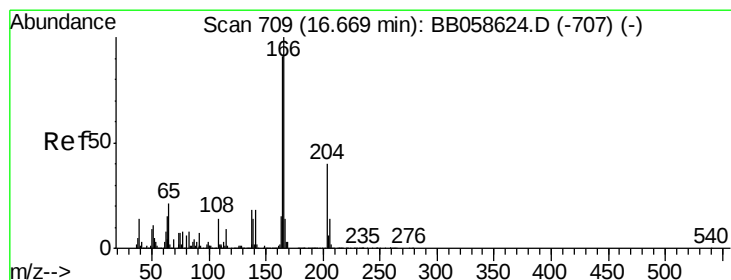
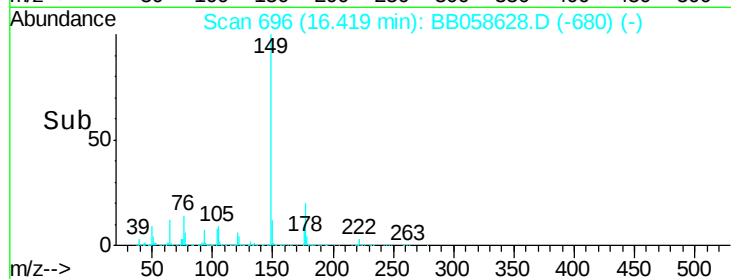
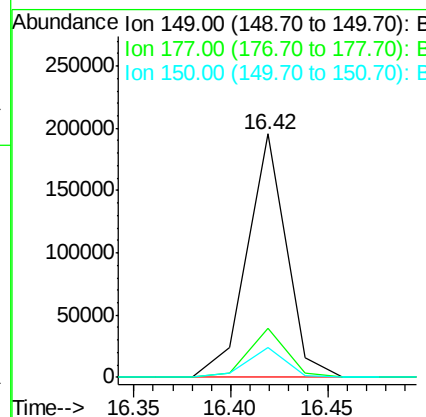
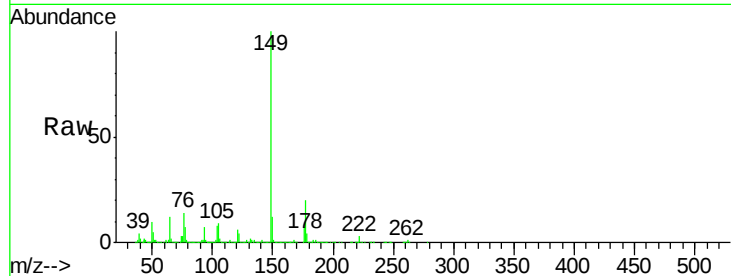
#56
Diethylphthalate
Concen: 3.66 ng/ul
RT: 16.42 min Scan# 696
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	271645		
177	20.4	18.6	28.0	
150	12.1	10.0	15.0	

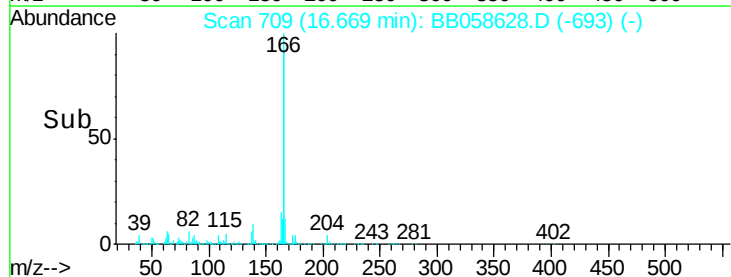
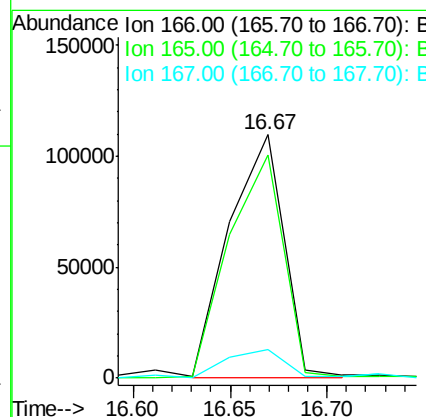
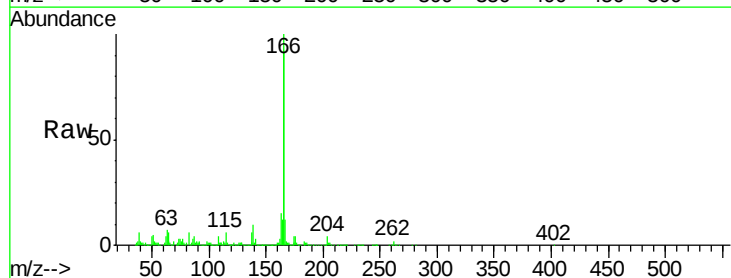
Manual Integrations
APPROVED

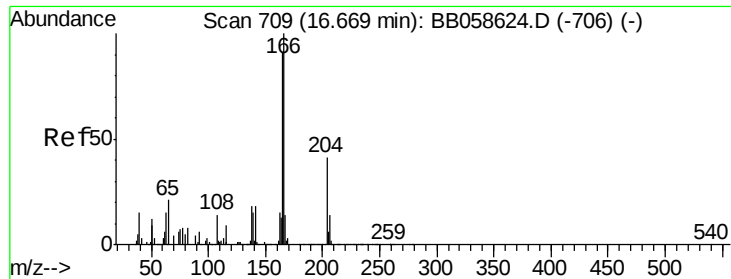
sohil
10/13/2016 4:36:27 PM



#58
Fluorene
Concen: 3.25 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	211597		
165	91.7	79.9	119.9	
167	11.8	10.5	15.7	





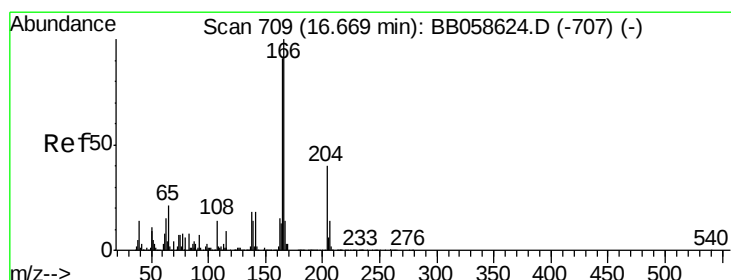
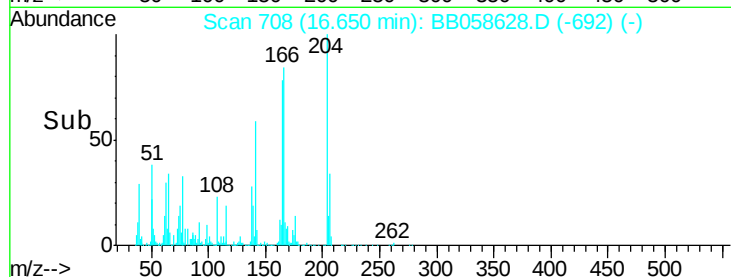
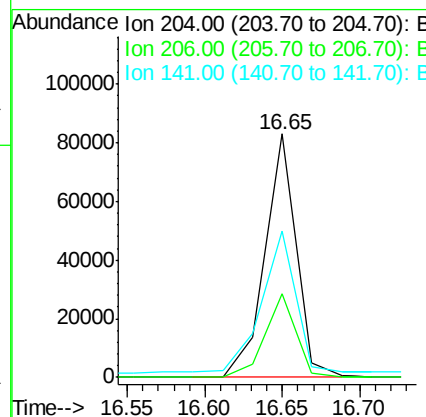
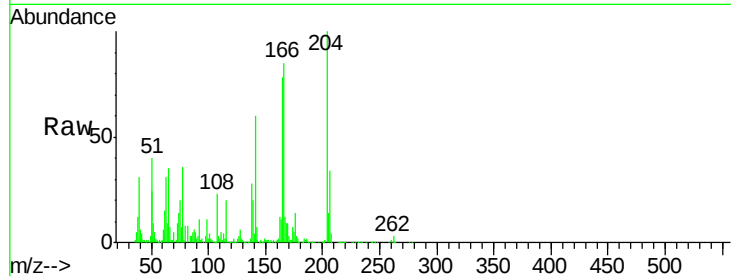
#59
 4-Chlorophenyl-phenylether
 Concen: 3.36 ng/ul
 RT: 16.65 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Instrument :
 BNA_B
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	117597		
206	34.2	25.9	38.9	
141	60.3	46.1	69.1	

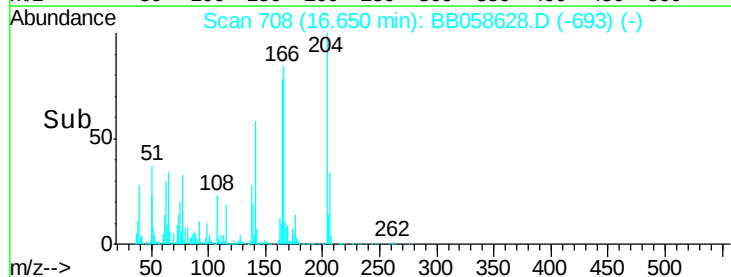
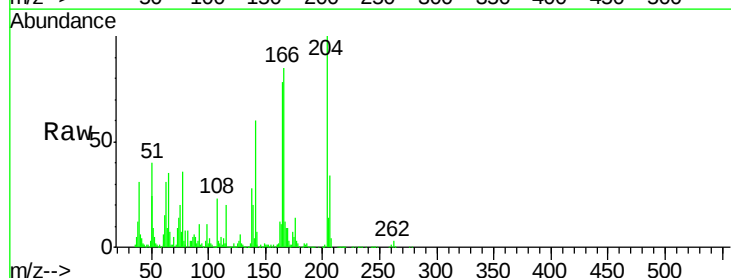
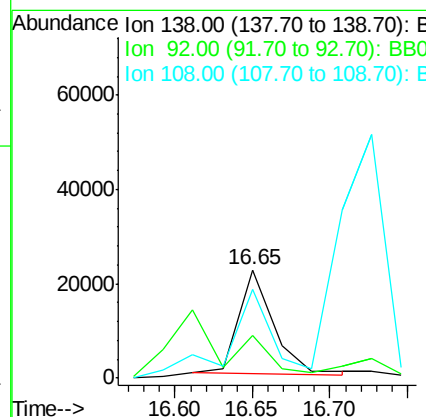
Manual Integrations
 APPROVED

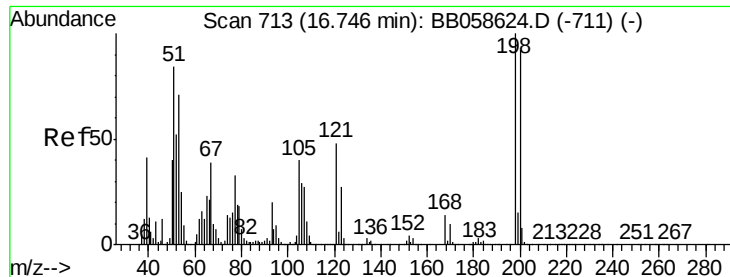
sohil
 10/13/2016 4:36:27 PM



#60
 4-Nitroaniline
 Concen: 1.87 ng/ul
 RT: 16.65 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	34874		
92	39.8	43.5	65.3#	
108	82.1	80.3	120.5	





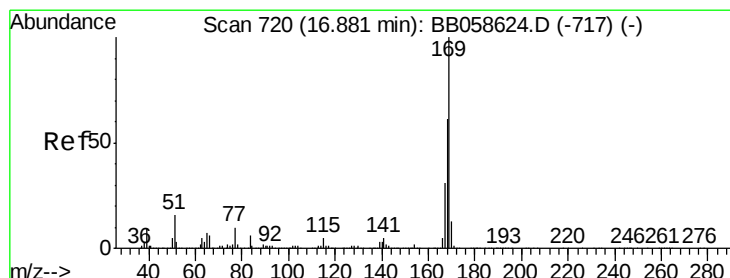
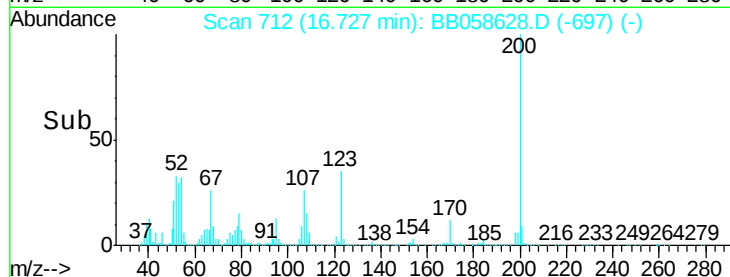
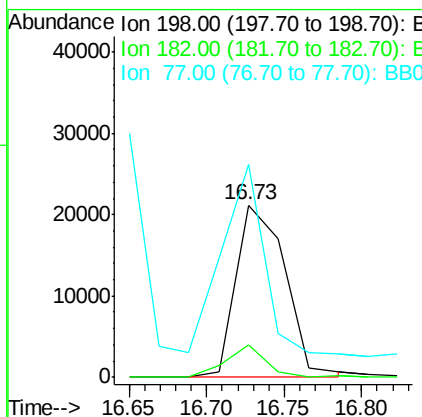
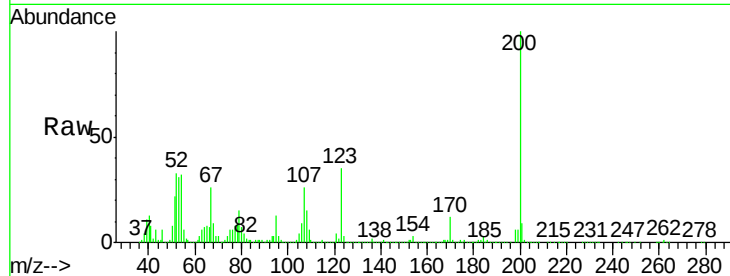
#63
4,6-Dinitro-2-methylphenol
Concen: 2.55 ng/ul
RT: 16.73 min Scan# 712
Delta R.T. -0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	46729		
182	19.0	3.3	4.9#	
77	123.3	21.8	32.6#	

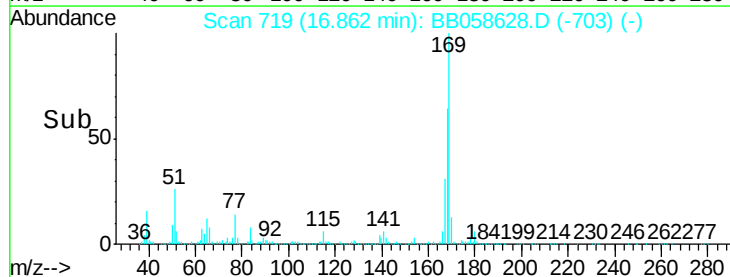
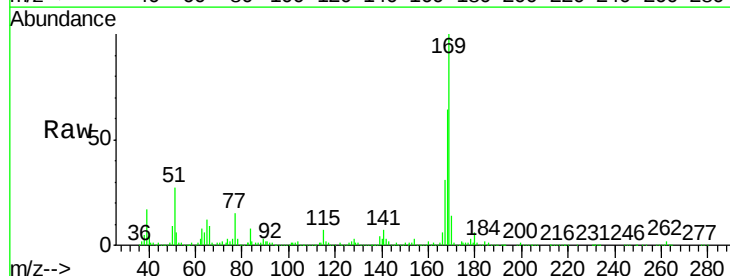
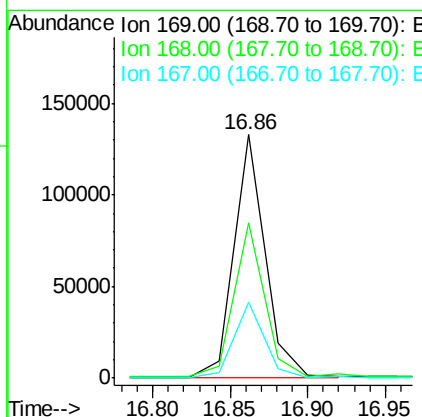
Manual Integrations
APPROVED

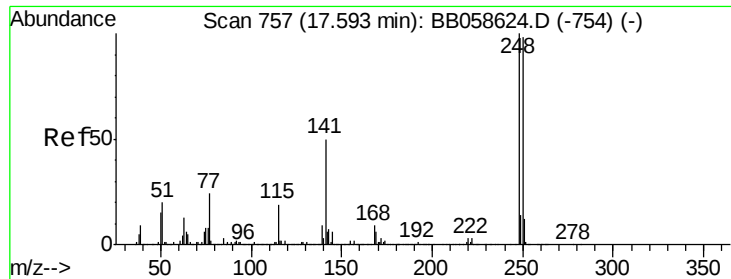
sohil
10/13/2016 4:36:27 PM



#64
N-Nitrosodiphenylamine
Concen: 3.35 ng/ul
RT: 16.86 min Scan# 719
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	187004		
168	64.0	52.6	79.0	
167	31.4	28.6	43.0	





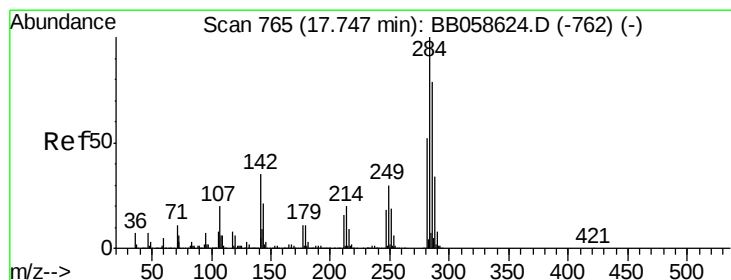
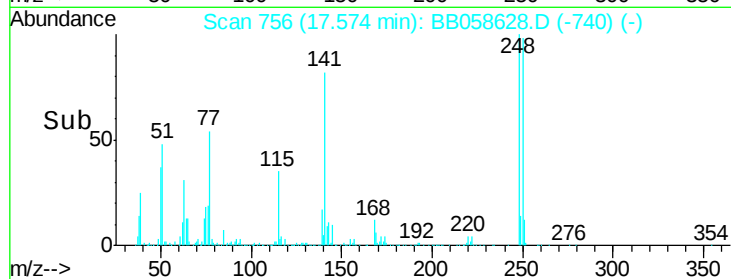
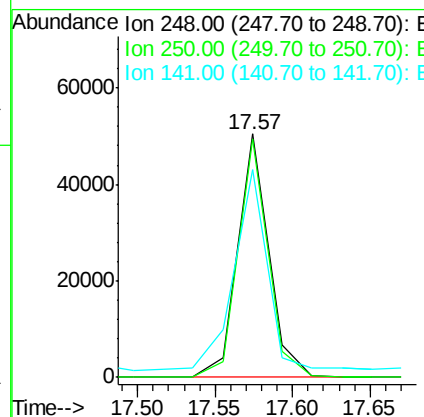
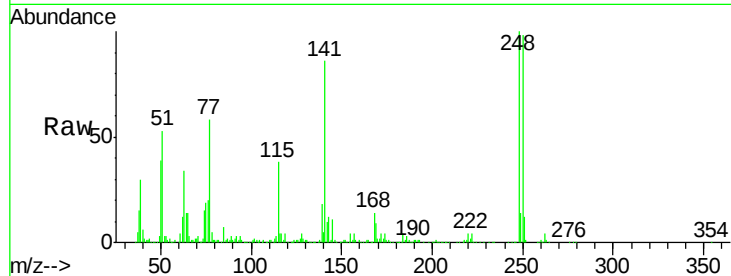
#65
4-Bromophenyl-phenylether
Concen: 3.22 ng/ul
RT: 17.57 min Scan# 756
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.7	119.5
141	85.5	58.3	87.5

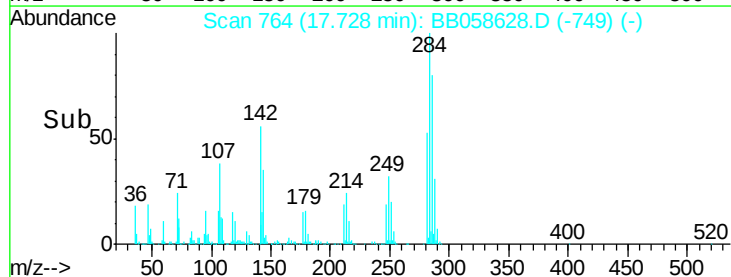
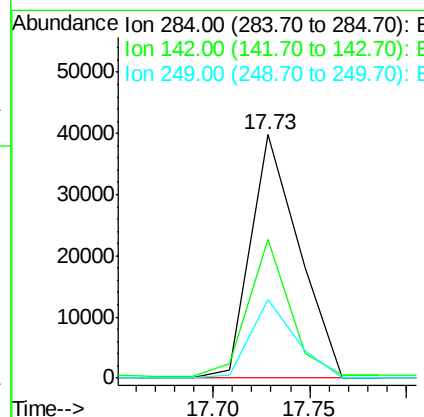
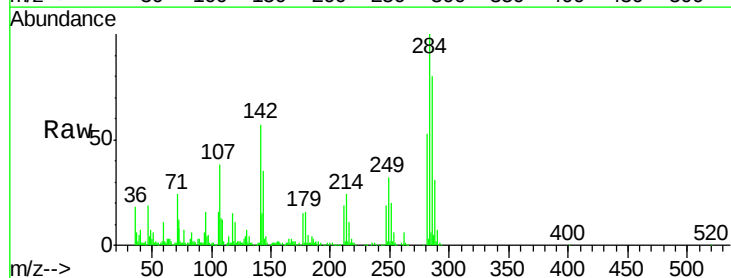
Manual Integrations
APPROVED

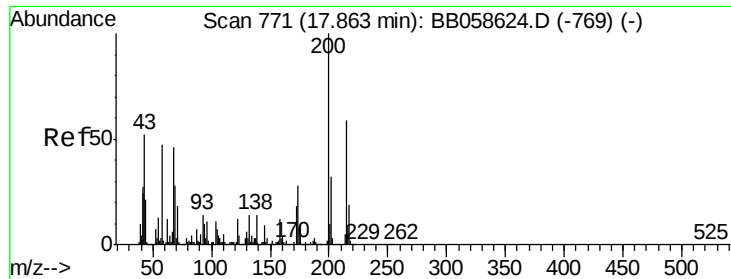
sohil
10/13/2016 4:36:27 PM



#66
Hexachlorobenzene
Concen: 3.07 ng/ul
RT: 17.73 min Scan# 764
Delta R.T. -0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	53.9	24.9	37.3#
249	30.6	25.5	38.3





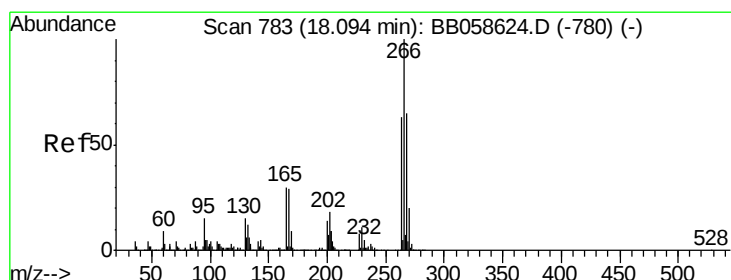
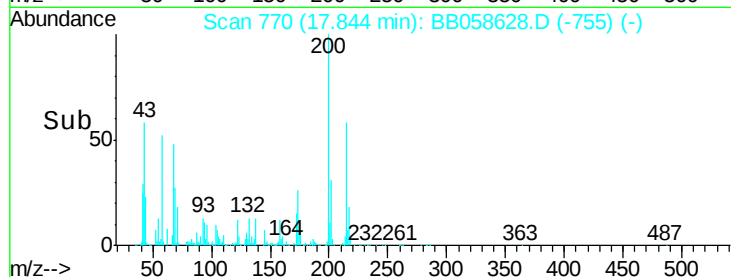
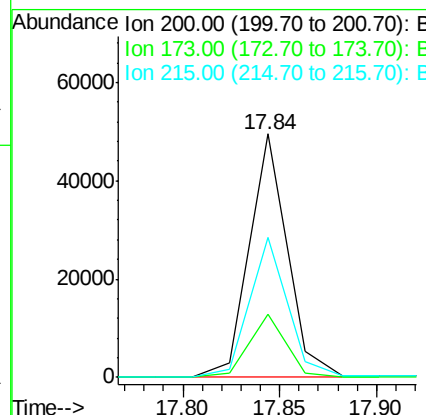
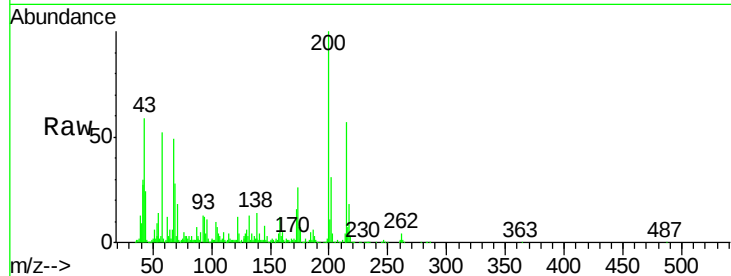
#67
Atrazine
Concen: 3.13 ng/ul
RT: 17.84 min Scan# 770
Delta R.T. -0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	18.9	28.3
215	57.3	39.5	59.3

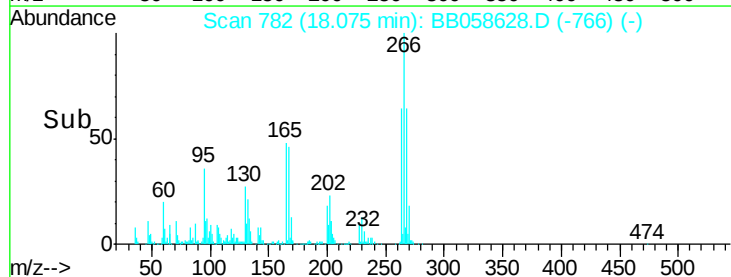
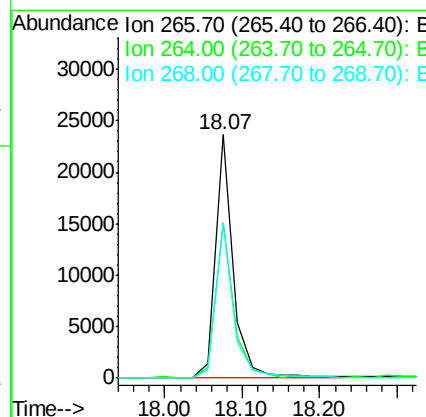
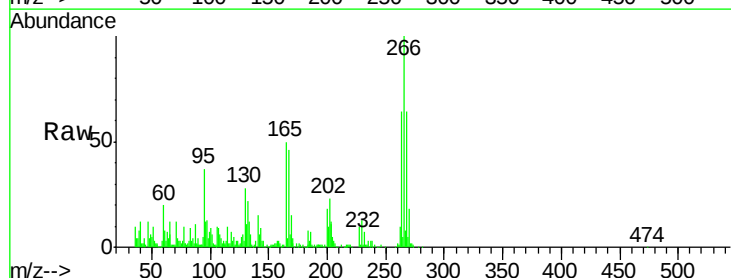
Manual Integrations
APPROVED

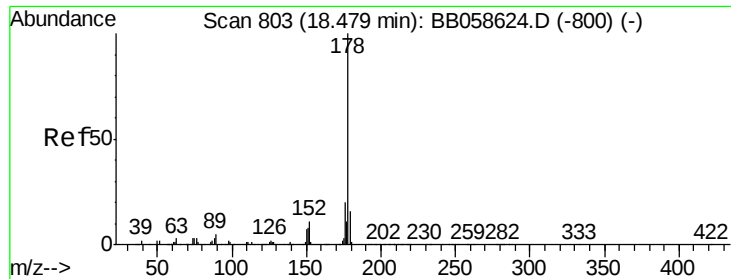
sohil
10/13/2016 4:36:27 PM



#68
Pentachlorophenol
Concen: 2.42 ng/ul
RT: 18.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	63.8	50.6	75.8
268	63.9	51.0	76.6





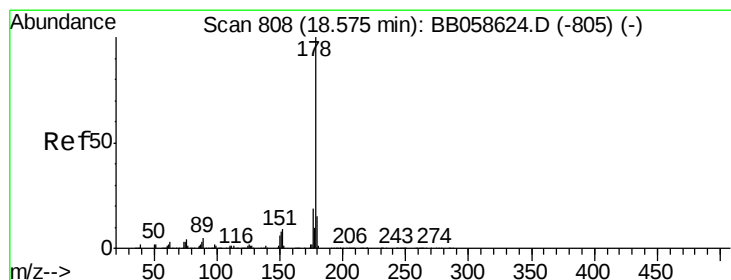
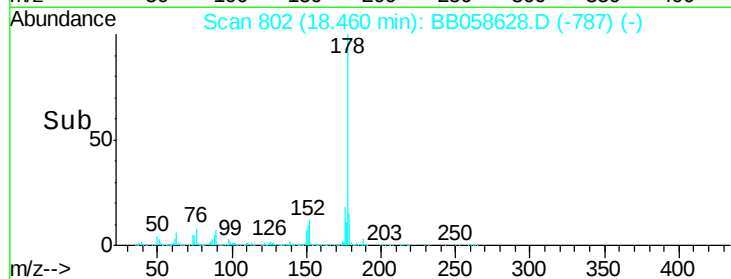
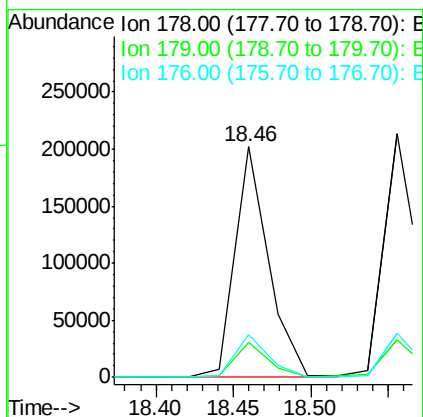
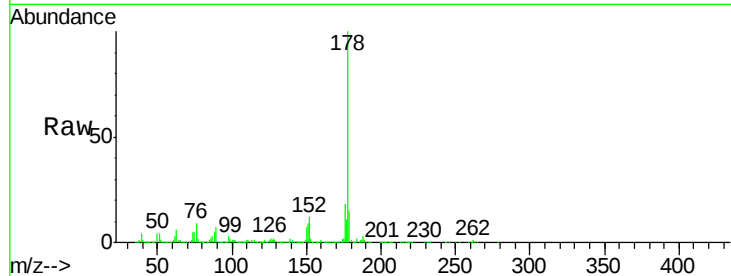
#69
 Phenanthrene
 Concen: 3.55 ng/ul
 RT: 18.46 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Instrument :
 BNA_B
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.5	15.1	22.7

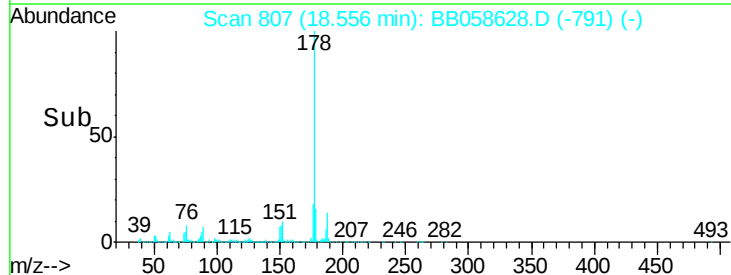
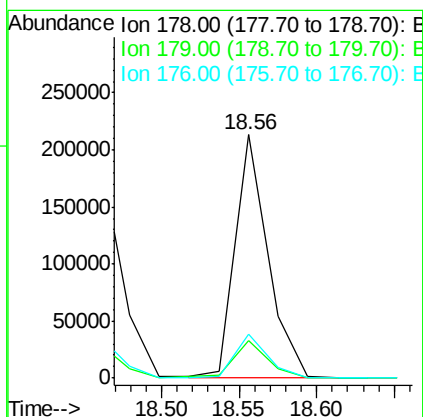
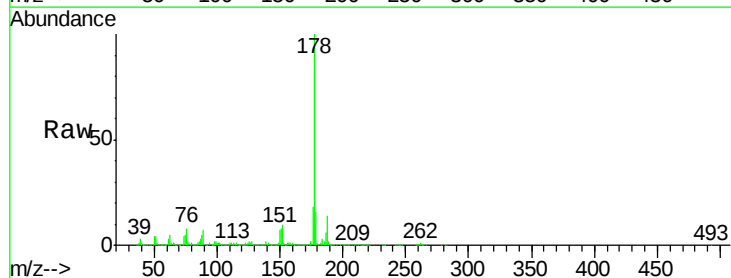
Manual Integrations
 APPROVED

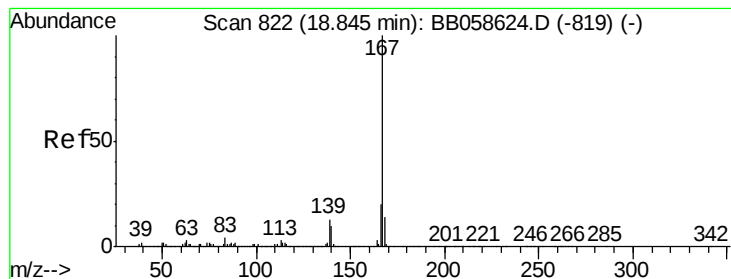
sohil
 10/13/2016 4:36:27 PM



#71
 Anthracene
 Concen: 3.57 ng/ul
 RT: 18.56 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BB058628.D
 Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.0	14.5	21.7





#72

Carbazole

Concen: 3.51 ng/ul

RT: 18.83 min Scan# 821

Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

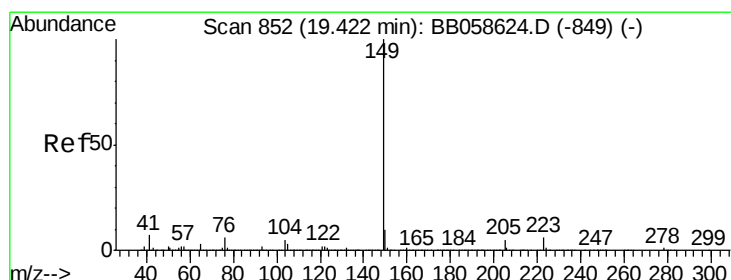
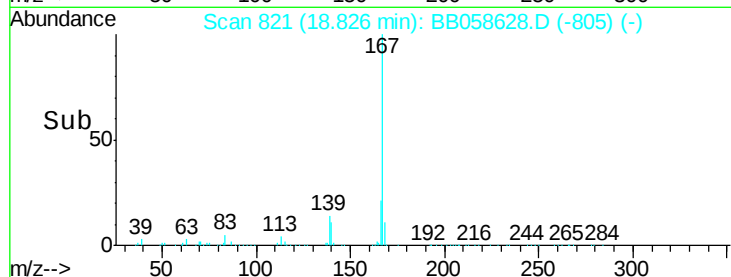
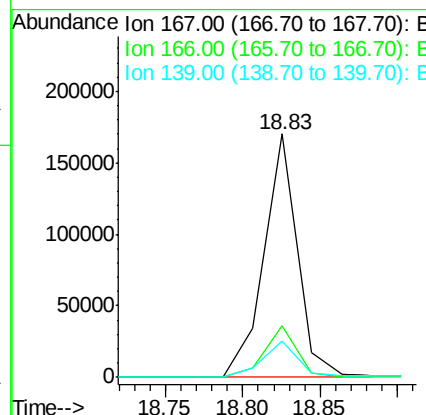
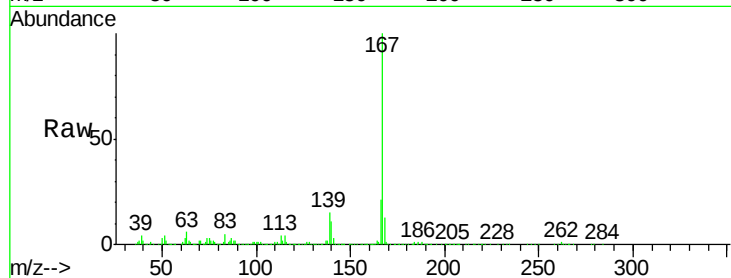
ClientSampleId :

MDL-03-S

Tgt Ion:	167	Resp:	257680
Ion Ratio		Lower	Upper
167	100		
166	21.1	16.6	25.0
139	14.7	10.2	15.4

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#73

Di-n-butylphthalate

Concen: 3.77 ng/ul

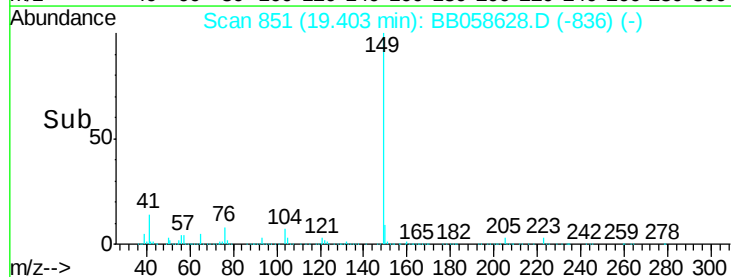
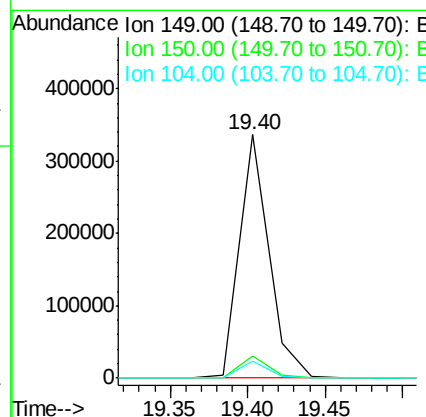
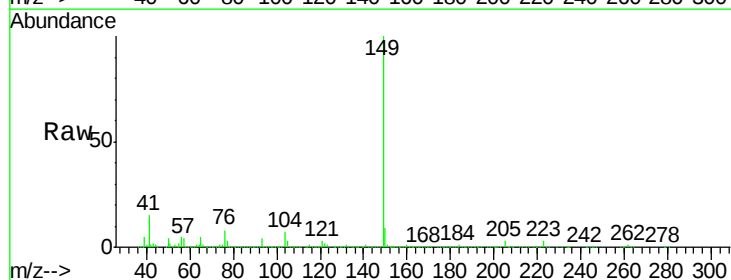
RT: 19.40 min Scan# 851

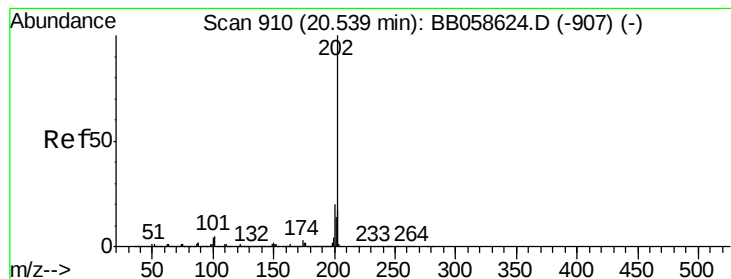
Delta R.T. -0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt Ion:	149	Resp:	452123
Ion Ratio		Lower	Upper
149	100		
150	9.1	7.6	11.4
104	6.8	4.6	7.0





#74

Fluoranthene

Concen: 3.78 ng/ul

RT: 20.52 min Scan# 909

Delta R.T. -0.00 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

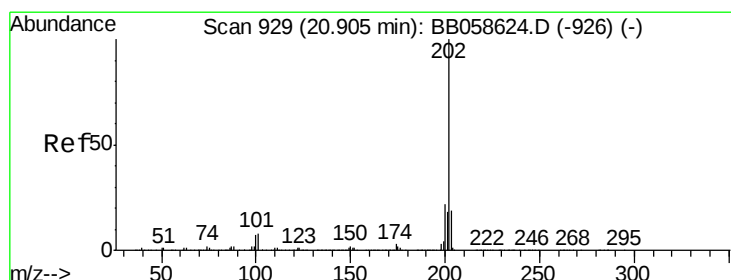
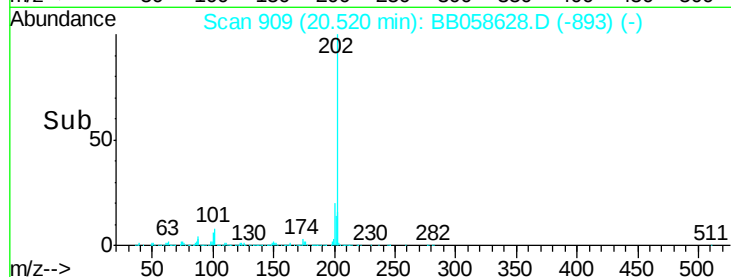
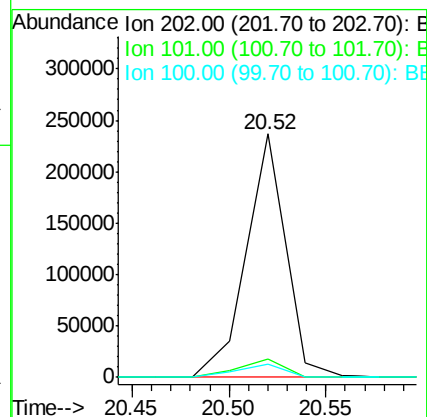
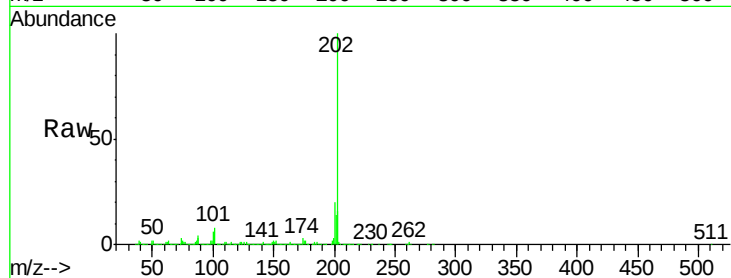
ClientSampleId :

MDL-03-S

Tgt	Ion	202	Resp	331975
Ion	Ratio	Lower	Upper	
202	100			
101	7.7	6.9	10.3	
100	5.5	5.4	8.0	

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#77

Pyrene

Concen: 3.51 ng/ul

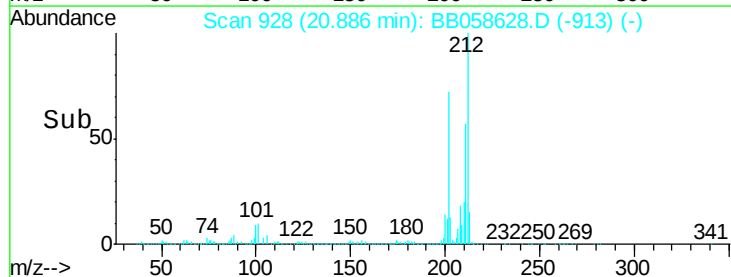
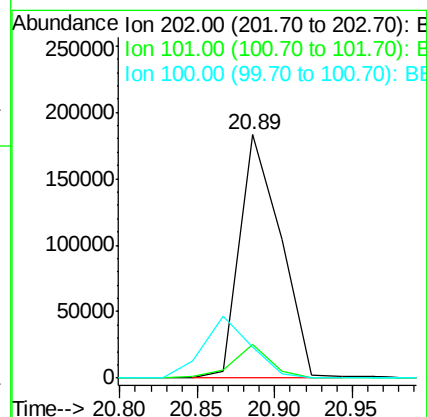
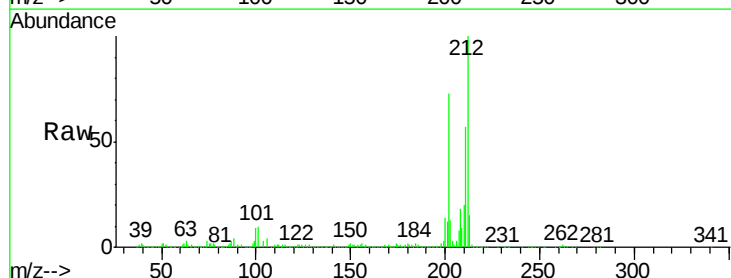
RT: 20.89 min Scan# 928

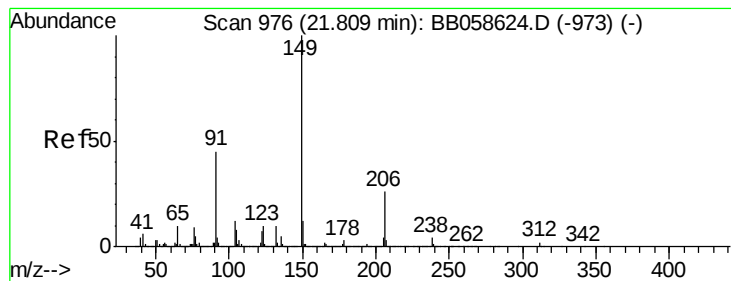
Delta R.T. -0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt	Ion	202	Resp	339123
Ion	Ratio	Lower	Upper	
202	100			
101	14.1	8.4	12.6#	
100	12.8	6.9	10.3#	





#78

Butylbenzylphthalate

Concen: 3.53 ng/ul

RT: 21.79 min Scan# 975

Delta R.T. -0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

ClientSampleId :

MDL-03-S

Tgt Ion:149 Resp: 220630
Ion Ratio Lower Upper

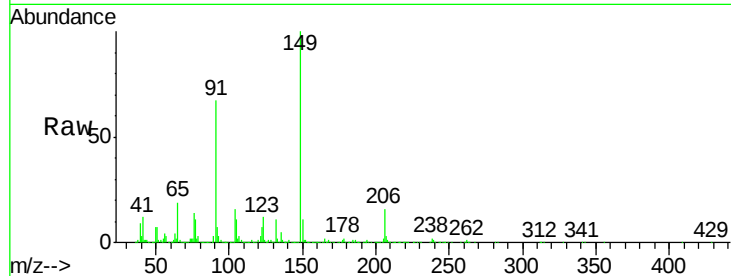
149 100

91 67.3 57.3 85.9

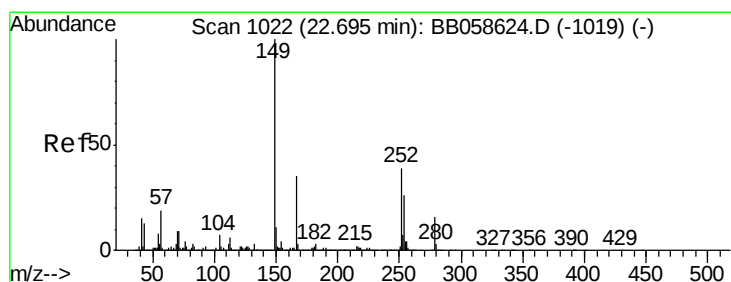
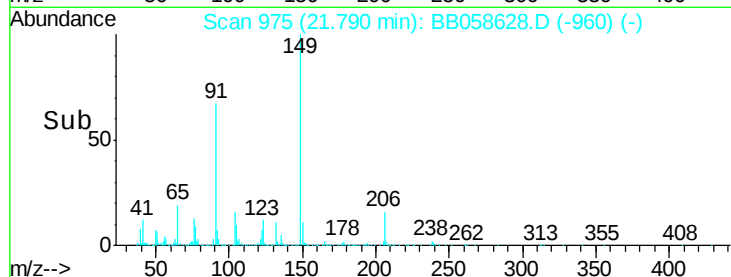
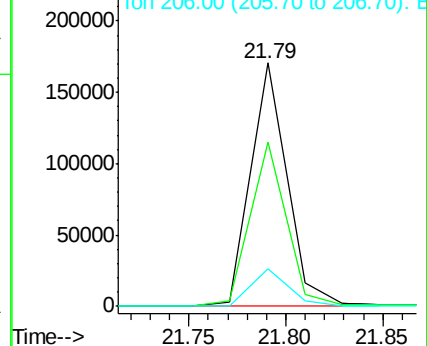
206 15.7 18.6 27.8#

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BB0
Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 1.84 ng/ul

RT: 22.68 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BB058628.D

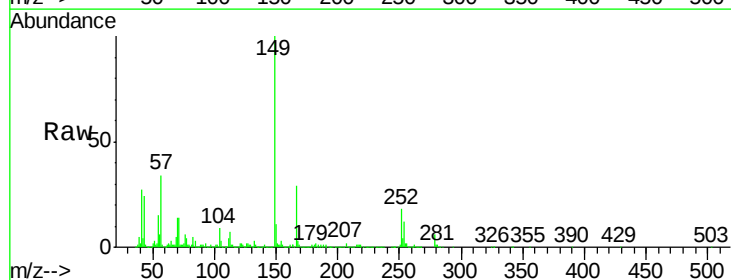
Acq: 13 Oct 2016 12:07

Tgt Ion:252 Resp: 59920
Ion Ratio Lower Upper

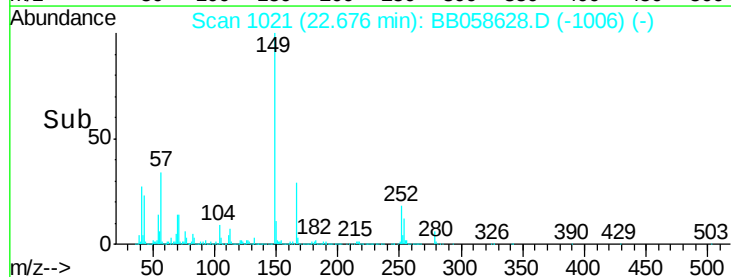
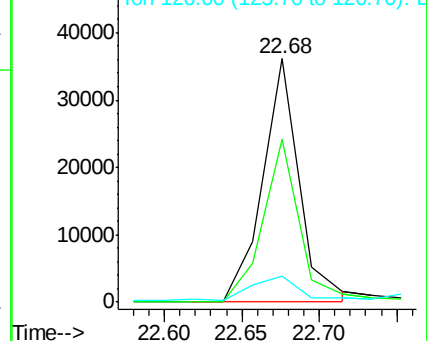
252 100

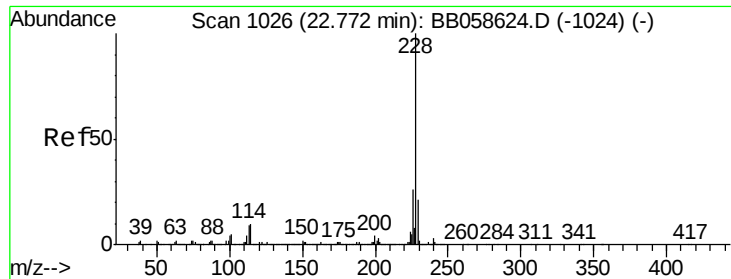
254 66.7 51.0 76.4

126 10.9 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





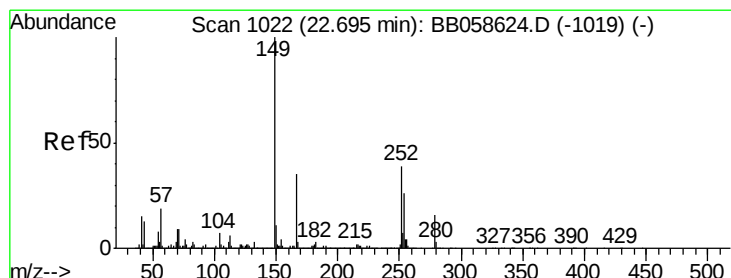
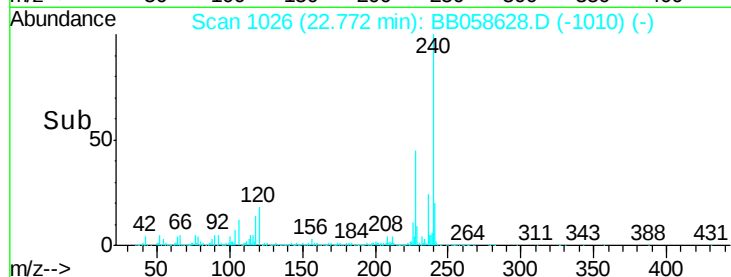
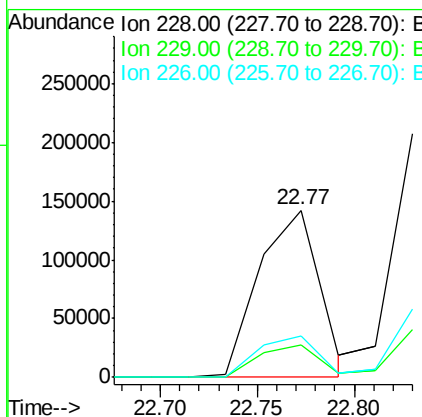
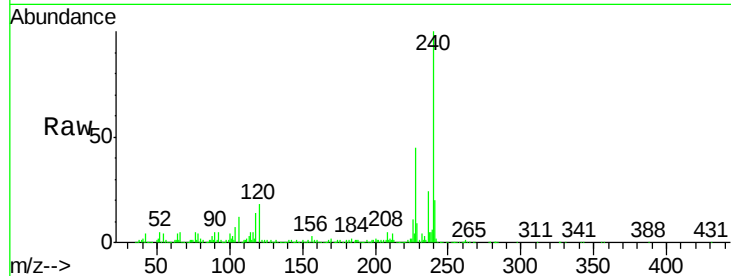
#80
Benzo(a)anthracene
Concen: 3.30 ng/ul
RT: 22.77 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampled :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.6	23.4
226	24.7	21.8	32.8

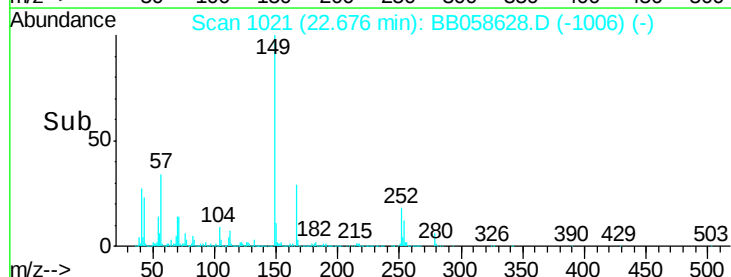
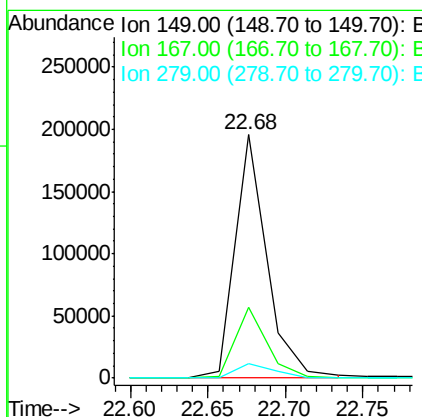
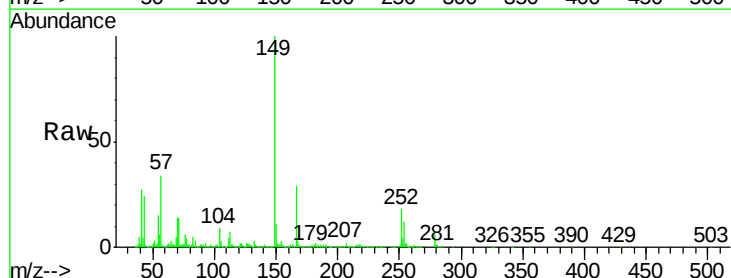
Manual Integrations
APPROVED

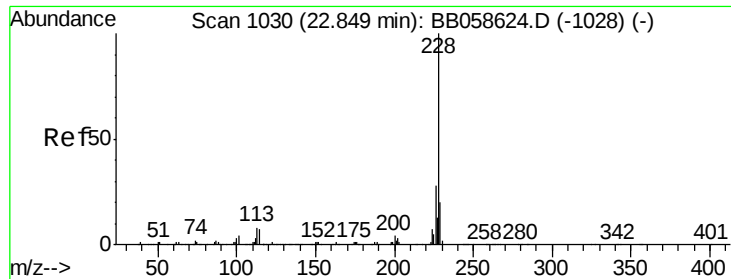
sohil
10/13/2016 4:36:27 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 3.41 ng/ul
RT: 22.68 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.2	34.8
279	5.9	4.1	6.1





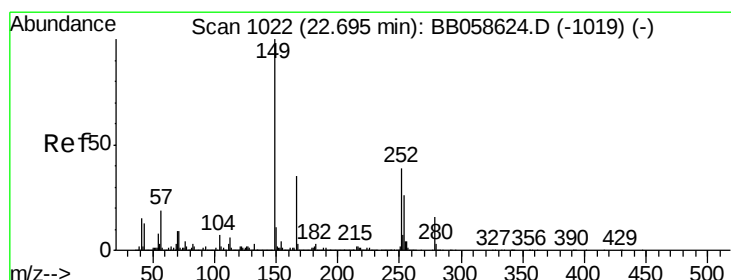
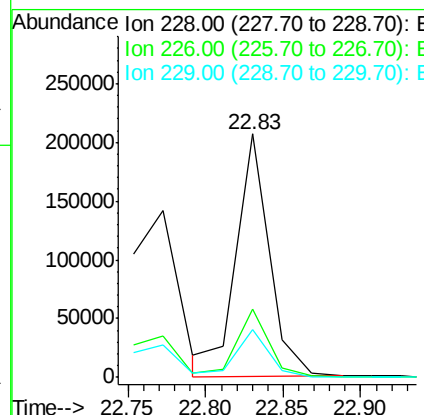
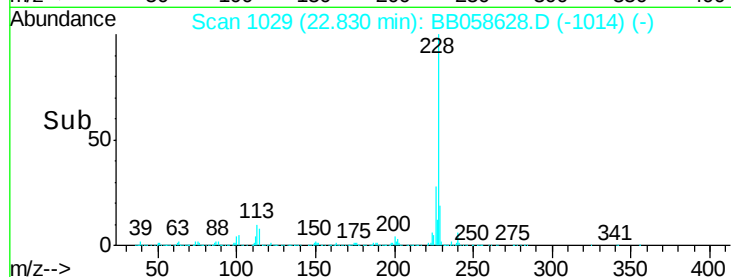
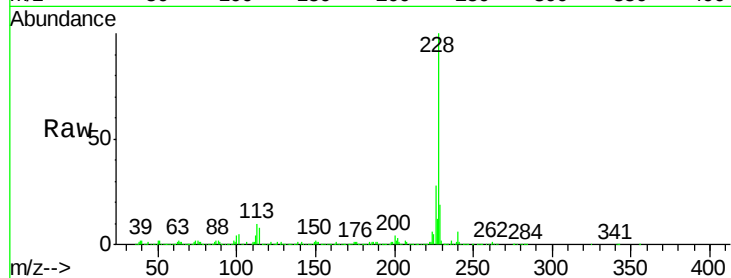
#82
Chrysene
Concen: 3.46 ng/ul
RT: 22.83 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	23.4	35.2
229	19.4	15.5	23.3

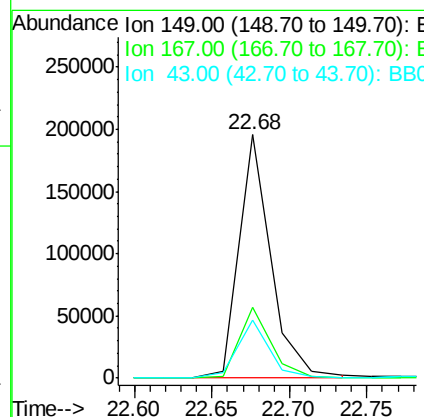
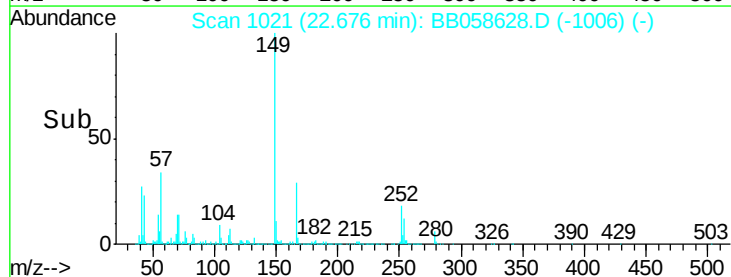
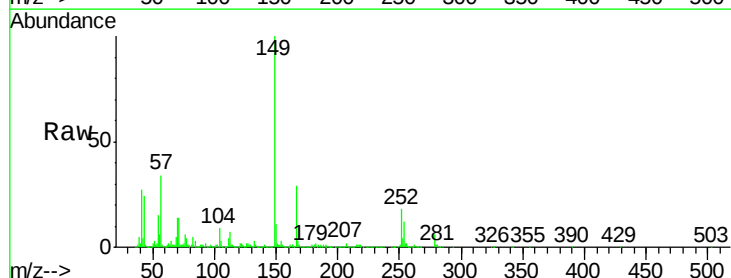
Manual Integrations
APPROVED

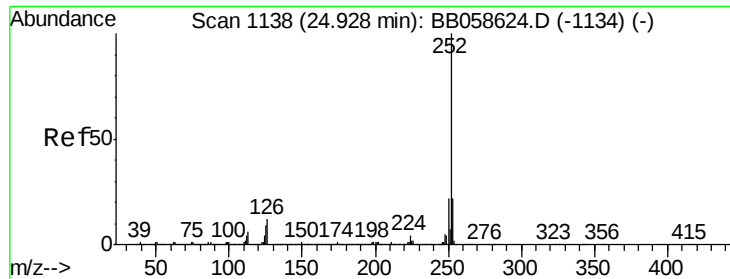
sohil
10/13/2016 4:36:27 PM



#84
Di-n-octyl phthalate
Concen: 4.02 ng/ul
RT: 22.68 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.1	1.3	1.9#
43	23.6	6.6	10.0#





#85

Benzo(b)fluoranthene

Concen: 2.91 ng/ul

RT: 24.91 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

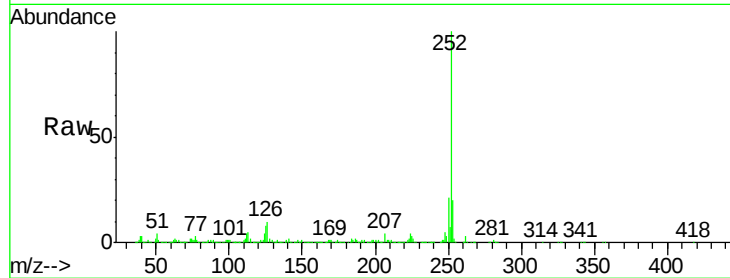
ClientSampled :

MDL-03-S

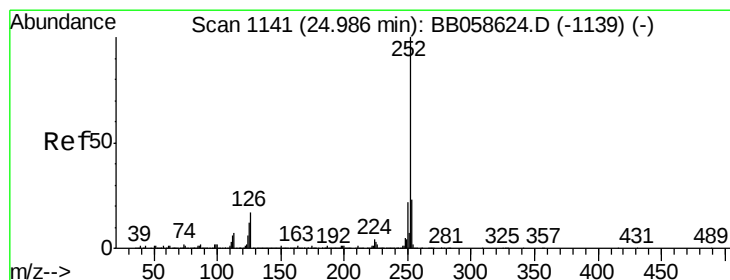
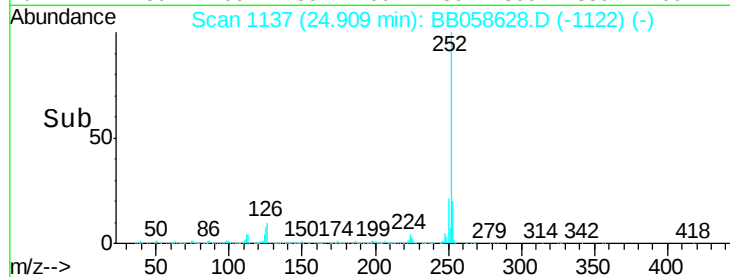
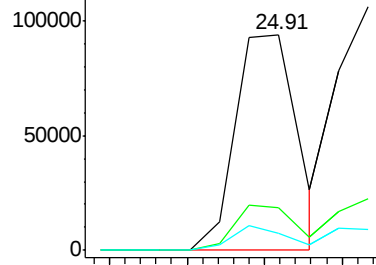
Tgt Ion:	252	Resp:	260366
Ion Ratio	Lower	Upper	
252	100		
253	19.9	17.1	25.7
125	7.7	5.8	8.8

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 3.65 ng/ul

RT: 24.97 min Scan# 1140

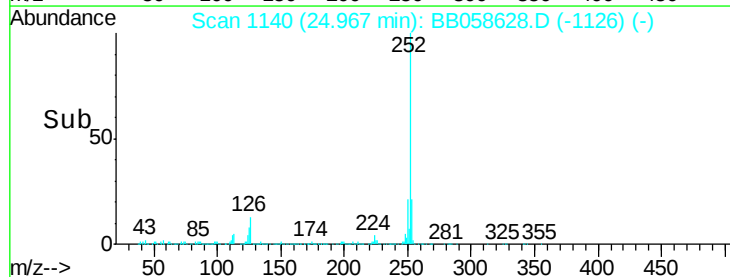
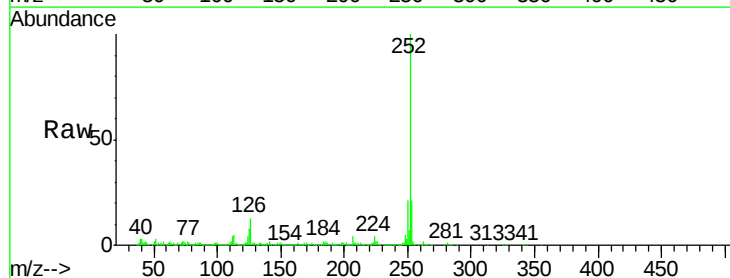
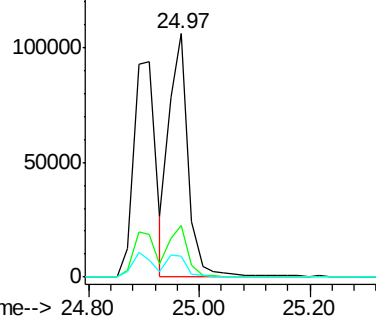
Delta R.T. -0.04 min

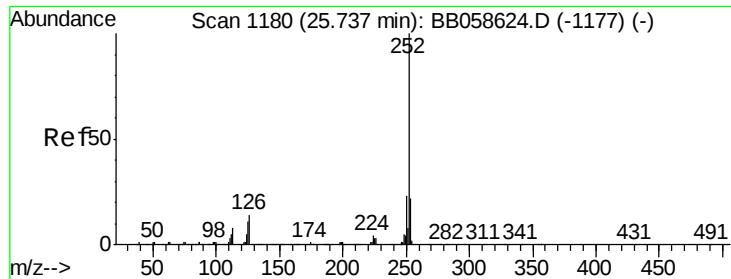
Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Tgt Ion:	252	Resp:	252796
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.6	26.4
125	8.3	5.7	8.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.05 ng/ul

RT: 25.72 min Scan# 1179

Delta R.T. -0.04 min

Lab File: BB058628.D

Acq: 13 Oct 2016 12:07

Instrument :

BNA_B

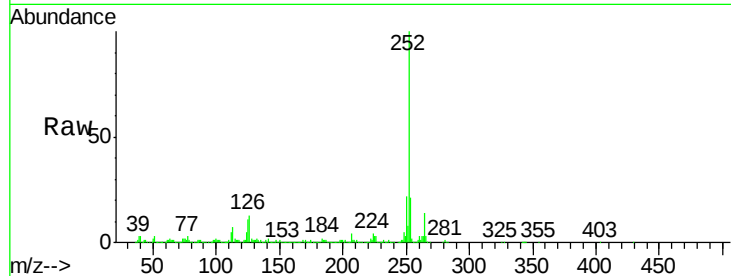
ClientSampleId :

MDL-03-S

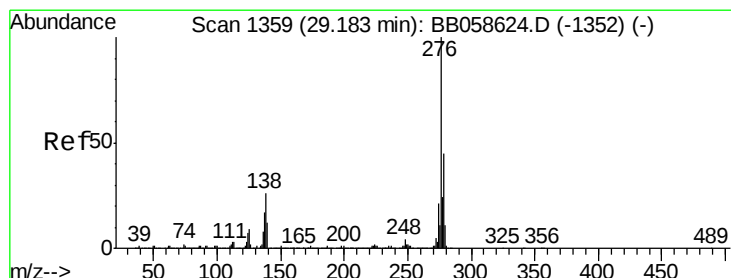
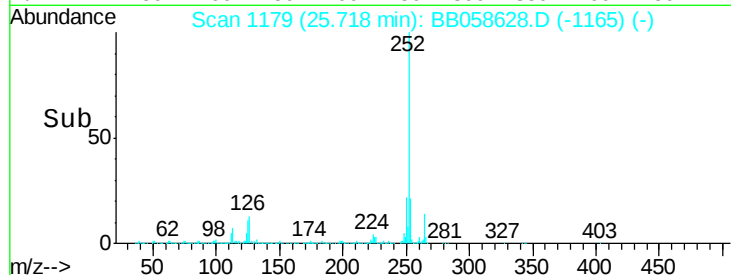
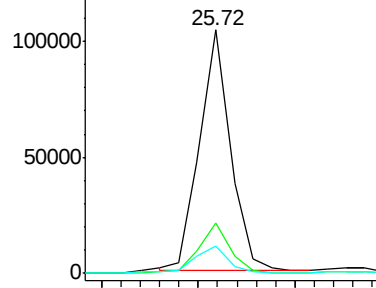
Tgt Ion:	252	Resp:	229415
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.7	26.5
125	11.0	6.6	9.8#

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.40 ng/ul

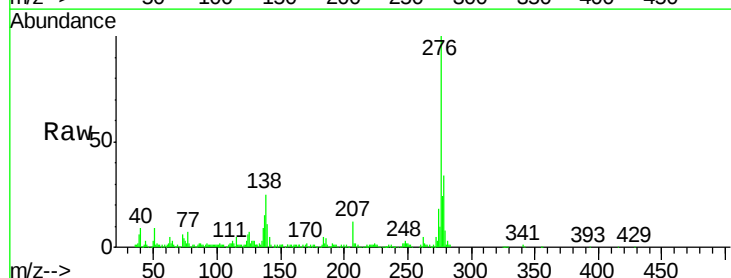
RT: 29.13 min Scan# 1356

Delta R.T. -0.12 min

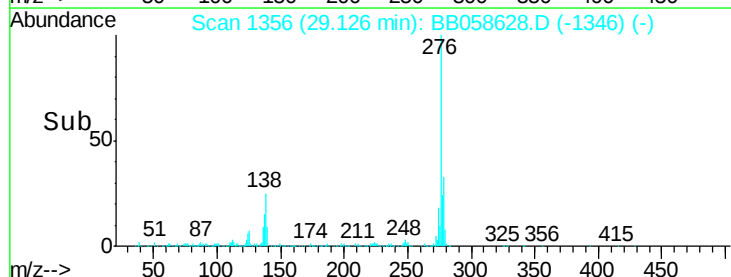
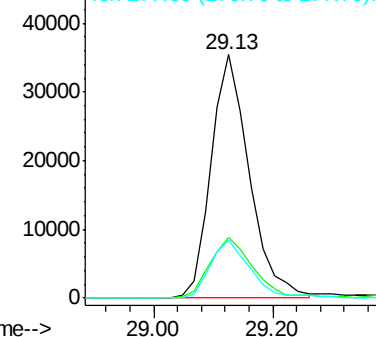
Lab File: BB058628.D

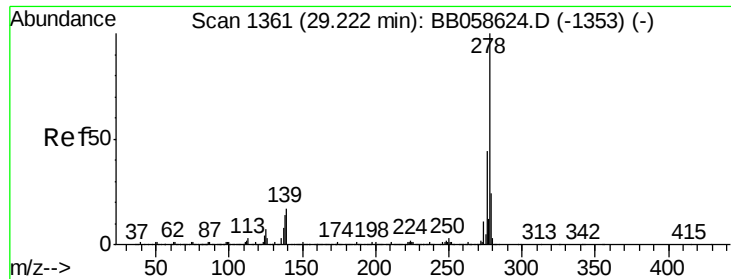
Acq: 13 Oct 2016 12:07

Tgt Ion:	276	Resp:	157412
Ion Ratio	Lower	Upper	
276	100		
138	25.0	13.9	20.9#
277	24.0	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





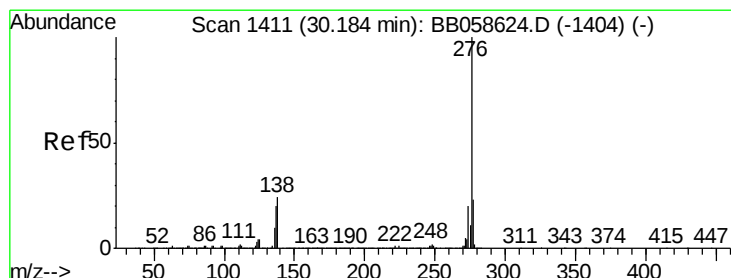
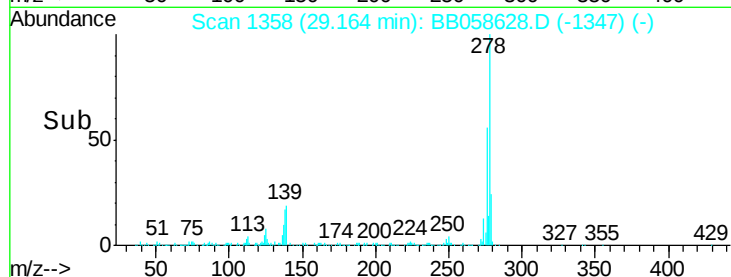
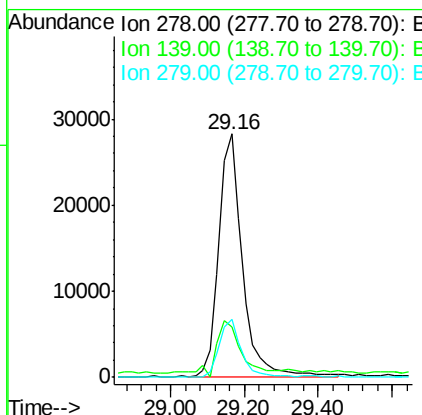
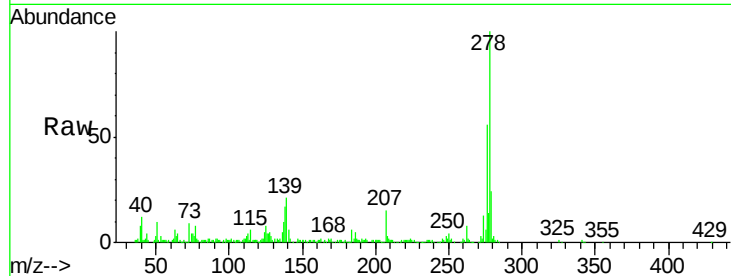
#90
Dibenzo(a,h)anthracene
Concen: 2.32 ng/ul
RT: 29.16 min Scan# 1358
Delta R.T. -0.10 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Instrument :
BNA_B
ClientSampleId :
MDL-03-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	9.5	14.3#
279	23.7	19.1	28.7

Manual Integrations
APPROVED

sohil
10/13/2016 4:36:27 PM



#91
Benzo(g,h,i)perylene
Concen: 2.52 ng/ul
RT: 30.13 min Scan# 1408
Delta R.T. -0.12 min
Lab File: BB058628.D
Acq: 13 Oct 2016 12:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	13.5	20.3#
277	23.3	19.3	28.9

