

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052318\
 Data File : BM015283.D
 Acq On : 23 May 2018 19:33
 Operator : SJ/JU
 Sample : J2923-08
 Misc : LOQ 10 PPM(625)
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

Manual Integrations
 APPROVED

Sohil
 5/24/2018 11:02:46 AM

Quant Time: May 24 03:37:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	231142	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	944953	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	510270	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	1023645	20.00	ng	0.00
75) Chrysene-d12	21.83	240	898763	20.00	ng	0.00
86) Perylene-d12	24.27	264	842918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	1205137	85.30	ng	0.00
7) Phenol-d6	7.54	99	1623680	88.26	ng	0.00
23) Nitrobenzene-d5	9.59	82	1471156	85.28	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	639411	99.93	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	3313197	80.72	ng	0.00
78) Terphenyl-d14	20.29	244	4581621	112.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	53798	9.217	ng	# 100
3) Pyridine	4.08	79	131798m	8.815	ng	
4) n-Nitrosodimethylamine	3.98	42	72457	8.956	ng	# 67
6) Aniline	7.72	93	218354	9.633	ng	96
8) 2-Chlorophenol	7.96	128	150551	9.442	ng	96
9) Benzaldehyde	7.53	77	71573	6.151	ng	93
10) Phenol	7.57	94	179000	9.581	ng	83
11) bis(2-Chloroethyl)ether	7.81	93	142443	9.612	ng	90
12) 1,3-Dichlorobenzene	8.29	146	170740	9.392	ng	# 94
13) 1,4-Dichlorobenzene	8.44	146	172379	9.378	ng	97
14) 1,2-Dichlorobenzene	8.76	146	166391	9.538	ng	95
15) Benzyl Alcohol	8.65	79	125352	9.423	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.92	45	233766	9.999	ng	96
17) 2-Methylphenol	8.85	107	118158	9.514	ng	# 94
18) Hexachloroethane	9.50	117	60563	9.278	ng	# 91
19) n-Nitroso-di-n-propylamine	9.21	70	115443	9.845	ng	# 89
20) 3+4-Methylphenols	9.17	107	158564	9.615	ng	94
22) Acetophenone	9.24	105	224580	9.907	ng	# 94
24) Nitrobenzene	9.63	77	180172	10.031	ng	97
25) Isophorone	10.15	82	288766	9.746	ng	96
26) 2-Nitrophenol	10.35	139	67870	8.422	ng	# 78
27) 2,4-Dimethylphenol	10.39	122	140294	9.599	ng	89
28) bis(2-Chloroethoxy)methane	10.63	93	196873	10.148	ng	100
29) 2,4-Dichlorophenol	10.88	162	133272	9.629	ng	98
30) 1,2,4-Trichlorobenzene	11.10	180	156798	9.616	ng	97
31) Naphthalene	11.29	128	478466	9.742	ng	100
32) Benzoic acid	10.48	122	67688	8.006	ng	90
33) 4-Chloroaniline	11.40	127	187801	9.582	ng	# 91
34) Hexachlorobutadiene	11.56	225	94721	9.769	ng	99
35) Caprolactam	12.16	113	32522	8.302	ng	90
36) 4-Chloro-3-methylphenol	12.49	107	139227	9.847	ng	90
37) 2-Methylnaphthalene	12.87	142	341478	10.033	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	172161	9.579	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	82422	11.826	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052318\
 Data File : BM015283.D
 Acq On : 23 May 2018 19:33
 Operator : SJ/JU
 Sample : J2923-08
 Misc : LOO 10 PPM(625)
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

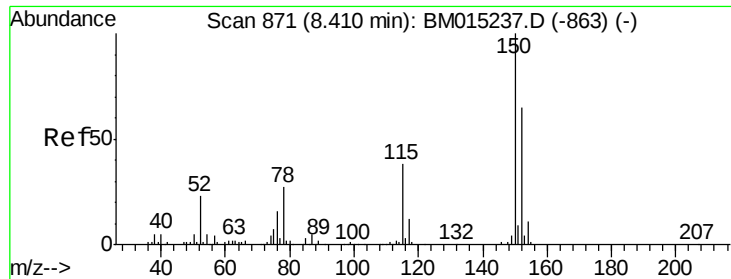
Manual Integrations
 APPROVED

Sohil
 5/24/2018 11:02:46 AM

Quant Time: May 24 03:37:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	98230	9.095	nq	96
43) 2,4,5-Trichlorophenol	13.53	196	108866	9.335	nq #	89
45) 1,1'-Biphenyl	13.86	154	438992	9.833	nq	99
46) 2-Chloronaphthalene	13.91	162	335087	9.752	nq	94
47) 2-Nitroaniline	14.10	65	82555	8.433	nq	87
48) Acenaphthylene	14.75	152	488179	9.565	nq	99
49) Dimethylphthalate	14.46	163	405986	9.969	nq	99
50) 2,6-Dinitrotoluene	14.59	165	81043	9.539	nq	91
51) Acenaphthene	15.08	154	306421	9.638	nq	98
52) 3-Nitroaniline	14.92	138	73958	8.267	nq #	76
53) 2,4-Dinitrophenol	15.13	184	29400	11.863	nq	93
54) Dibenzofuran	15.41	168	492853	9.832	nq	93
55) 4-Nitrophenol	15.21	139	56740	7.820	nq #	52
56) 2,4-Dinitrotoluene	15.37	165	98557	8.472	nq #	81
57) Fluorene	16.05	166	383548	9.682	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	91521	9.151	nq #	100
59) Diethylphthalate	15.80	149	391741	9.759	nq	98
60) 4-Chlorophenyl-phenylether	16.03	204	201637	9.993	nq	95
61) 4-Nitroaniline	16.07	138	71982	7.696	nq #	67
62) Azobenzene	16.32	77	372111	9.758	nq	89
64) 4,6-Dinitro-2-methylphenol	16.13	198	42352	7.496	nq	94
65) n-Nitrosodiphenylamine	16.25	169	326729	9.934	nq	99
66) 4-Bromophenyl-phenylether	16.92	248	114071	9.974	nq #	86
67) Hexachlorobenzene	17.04	284	131458	9.981	nq #	89
68) Atrazine	17.17	200	84336	8.083	nq	96
69) Pentachlorophenol	17.38	266	57900	7.898	nq	96
70) Phenanthrene	17.77	178	574261	9.849	nq	99
71) Anthracene	17.86	178	558362	9.607	nq	99
72) Carbazole	18.13	167	482333	9.374	nq	99
73) Di-n-butylphthalate	18.65	149	556087	9.180	nq	99
74) Fluoranthene	19.74	202	582921	9.116	nq	97
76) Benzidine	19.92	184	144034	5.119	nq	98
77) Pyrene	20.10	202	589425	10.391	nq	100
79) Butylbenzylphthalate	20.95	149	214487	9.261	nq	94
80) Benzo(a)anthracene	21.81	228	550404	9.718	nq	99
81) 3,3'-Dichlorobenzidine	21.73	252	185558	8.848	nq	99
82) Chrysene	21.87	228	524395	9.831	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	308169	9.148	nq	97
84) Di-n-octyl phthalate	22.63	149	482417	8.187	nq #	93
85) Indeno(1,2,3-cd)pyrene	26.79	276	560482	8.685	nq #	91
87) Benzo(b)fluoranthene	23.52	252	510329m	9.569	nq	
88) Benzo(k)fluoranthene	23.57	252	505729	10.025	nq	99
89) Benzo(a)pyrene	24.16	252	474918	9.547	nq	98
90) Dibenzo(a,h)anthracene	26.79	278	480799	9.473	nq	97
91) Benzo(g,h,i)perylene	27.56	276	459337	9.292	nq	97

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



#1

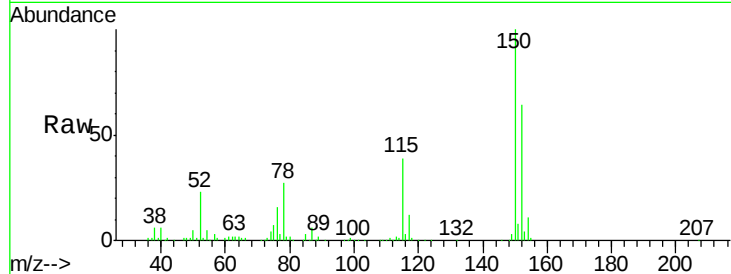
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.5	179.3
115	60.0	43.0	64.4

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM

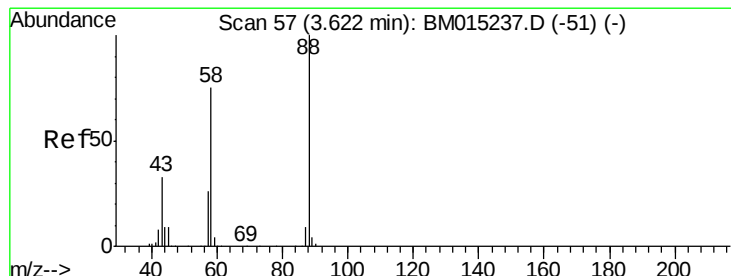
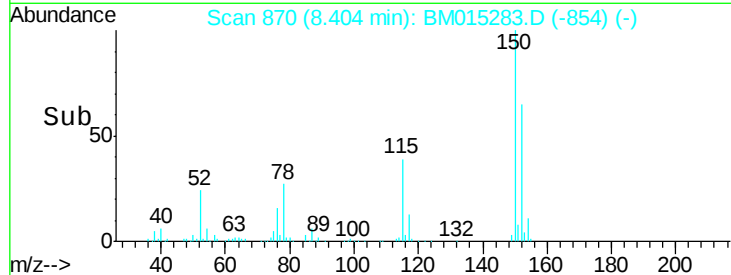
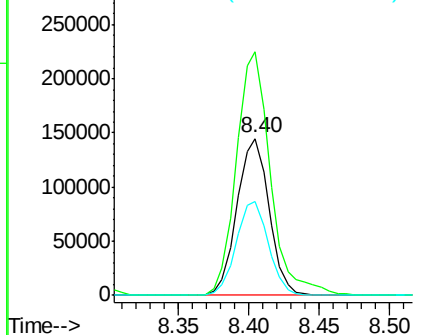


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

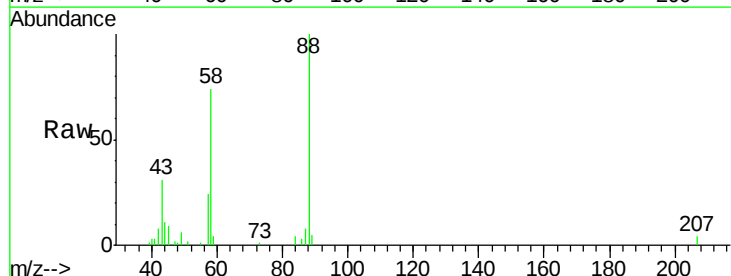
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 9.217 ng
RT: 3.62 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	0.0	0.0#
43	34.2	0.0	0.0#

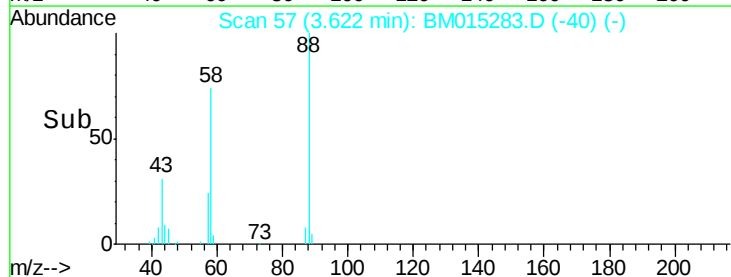
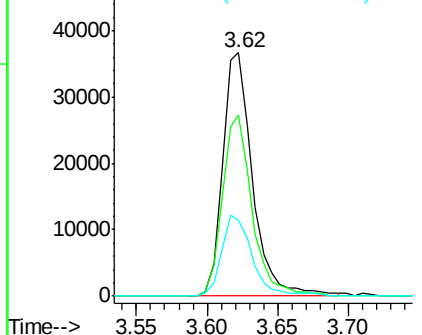


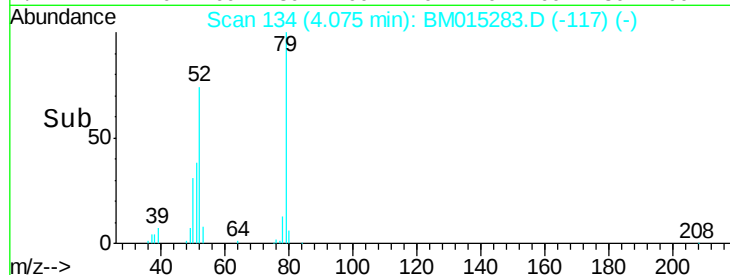
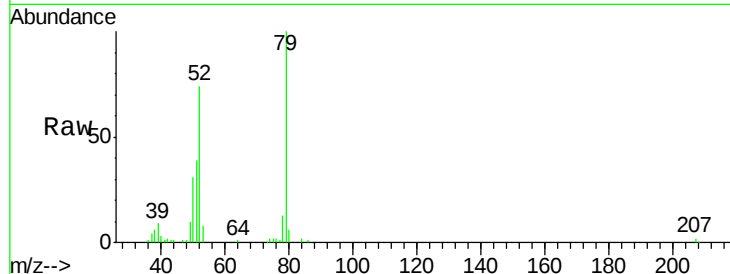
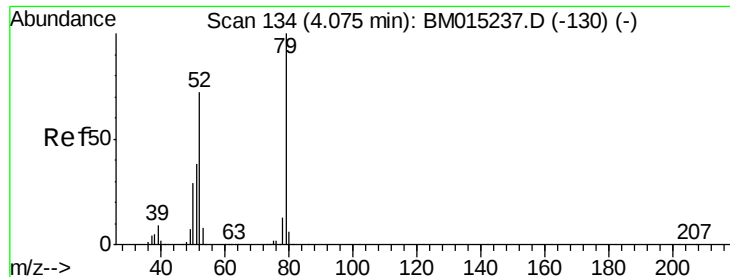
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





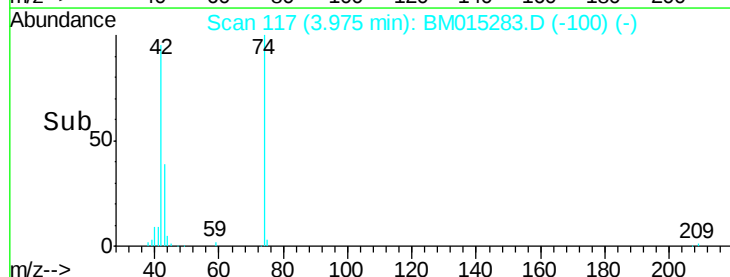
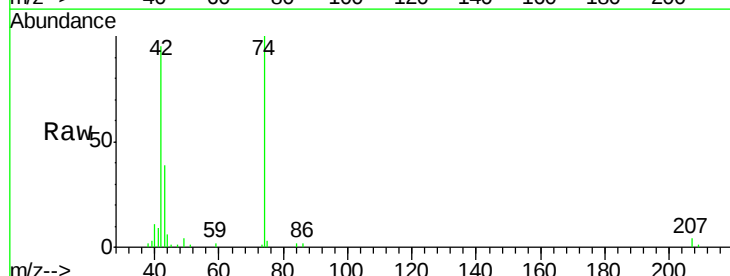
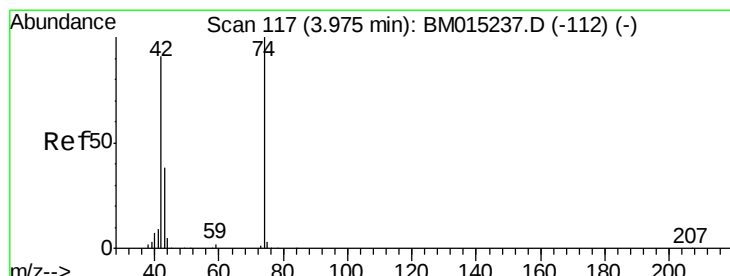
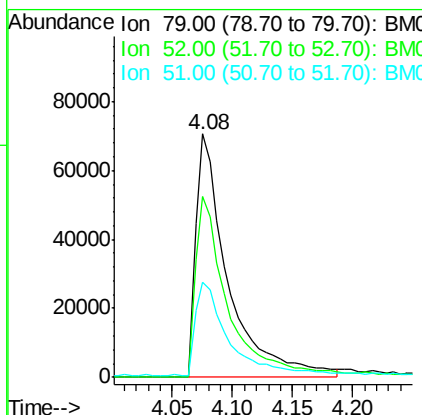
#3
 Pvridine
 Concen: 8.815 ng/ml
 RT: 4.08 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tot Ion:	79	Resp:	131798
Ion Ratio	Lower	Upper	
79	100		
52	74.2	51.1	76.7
51	39.0	26.1	39.1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

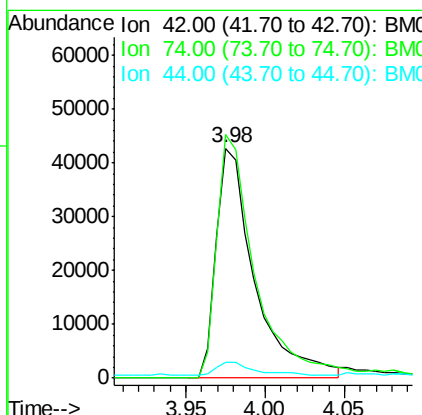
Manual Integrations
 APPROVED

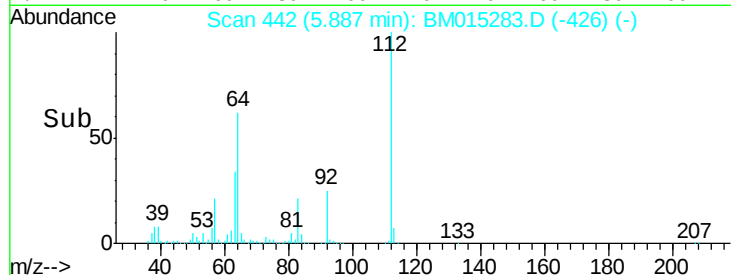
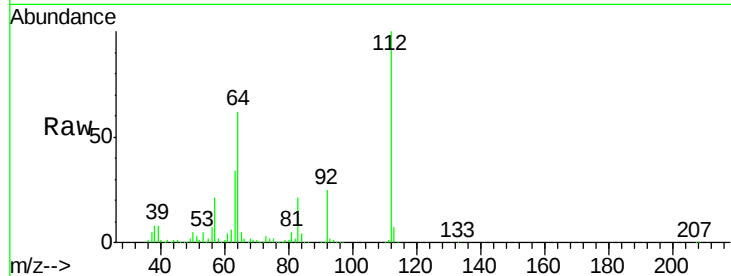
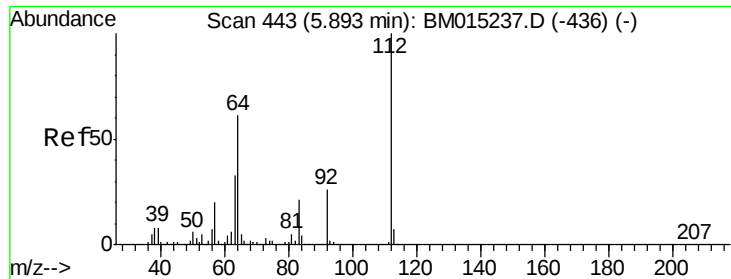
Sohil
 5/24/2018 11:02:46 AM



#4
 n-Nitrosodimethylamine
 Concen: 8.956 ng/ml
 RT: 3.98 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:	42	Resp:	72457
Ion Ratio	Lower	Upper	
42	100		
74	105.8	119.3	178.9#
44	6.7	5.4	8.2





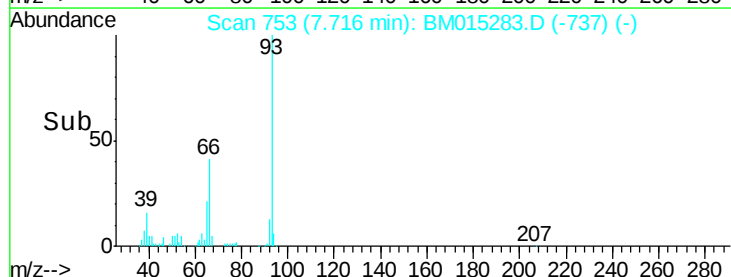
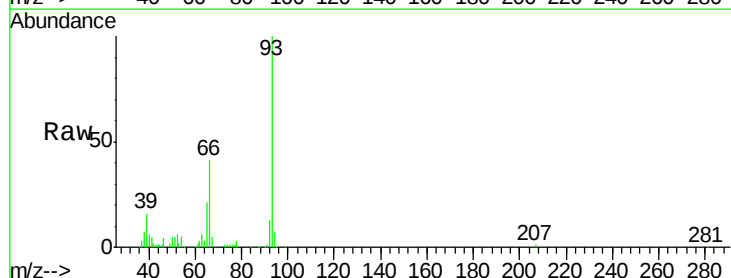
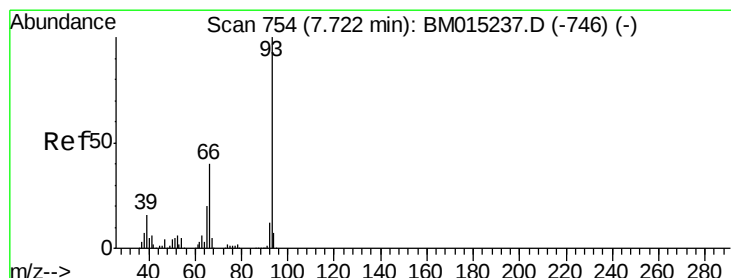
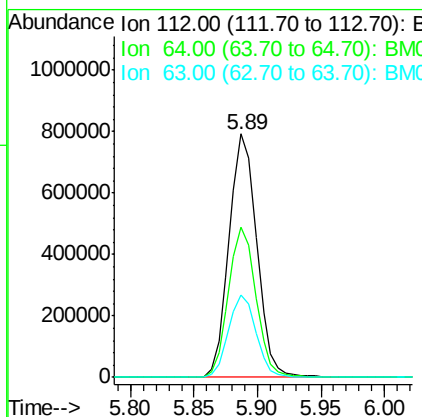
#5
2-Fluorophenol
Concen: 85.303 ng
RT: 5.89 min Scan# 442
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.5	38.6	57.8#
63	33.9	19.3	28.9#

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

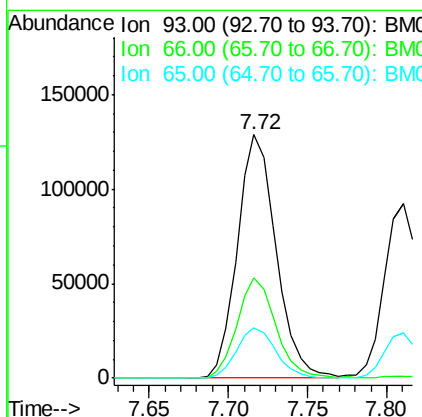
Manual Integrations
APPROVED

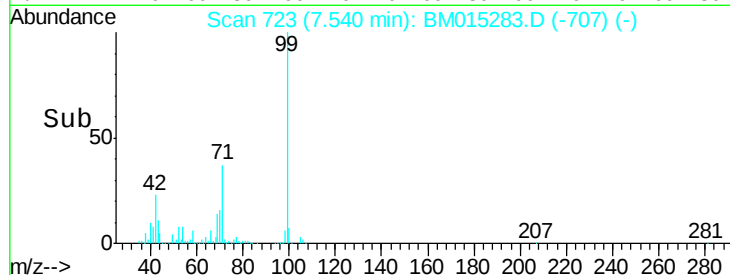
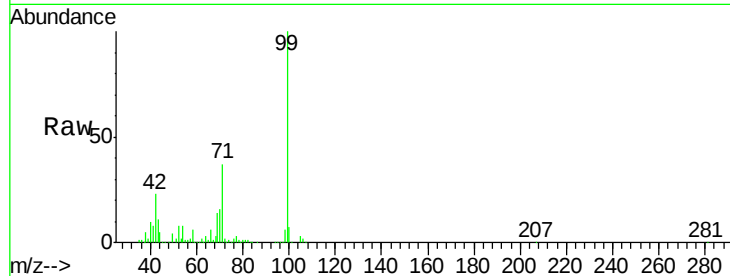
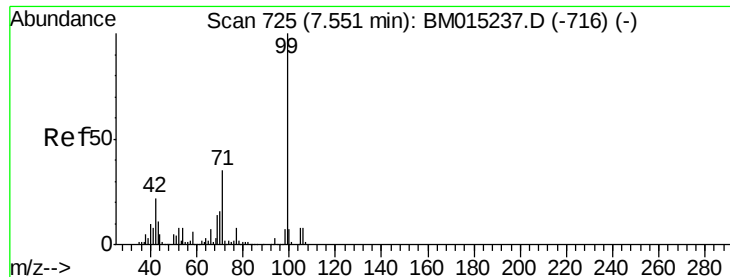
Sohil
5/24/2018 11:02:46 AM



#6
Aniline
Concen: 9.633 ng
RT: 7.72 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.4	30.8	46.2
65	20.8	16.0	24.0





#7

Phenol-d6

Concen: 88.257 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tot Ion: 99 Resp: 1623680

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

71 37.0 23.4 35.2#

Instrument :

BNA_M

ClientSampleId :

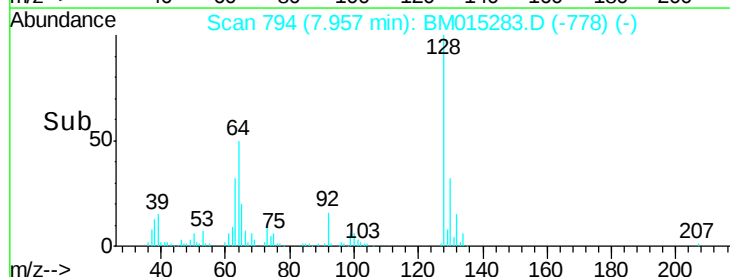
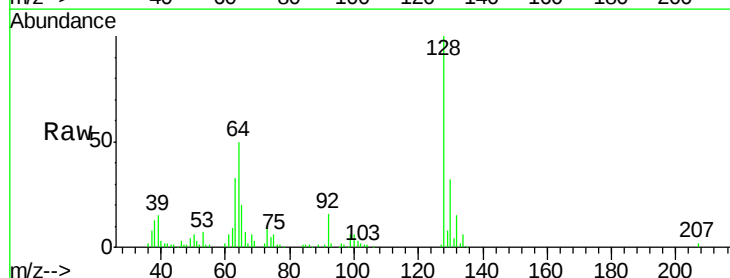
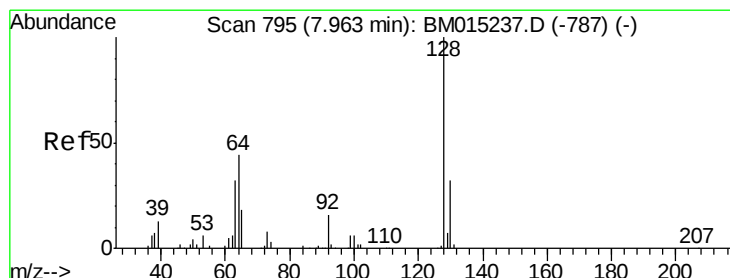
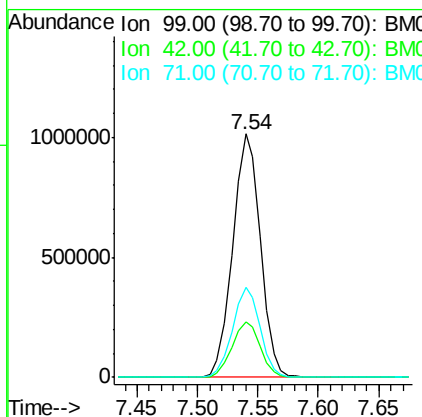
LOQ-NPW-Precision-Bias-4

Manual Integrations

APPROVED

Sohil

5/24/2018 11:02:46 AM



#8

2-Chlorophenol

Concen: 9.442 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

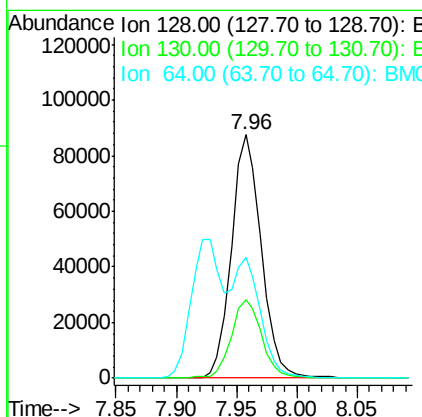
Tgt Ion: 128 Resp: 150551

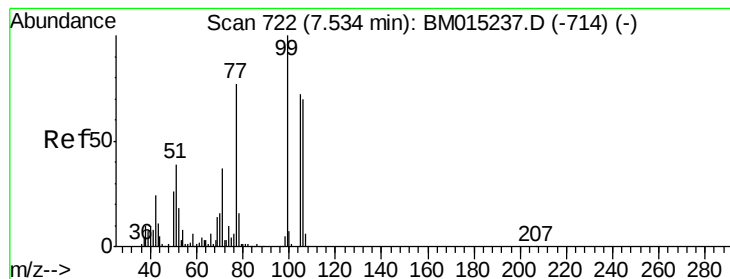
Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 49.6 24.9 64.9





#9

Benzaldehyde

Concen: 6.151 ng

RT: 7.53 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

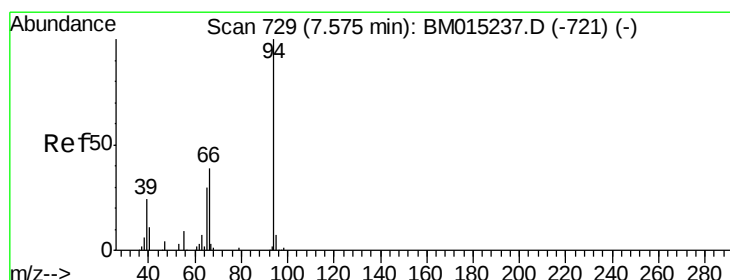
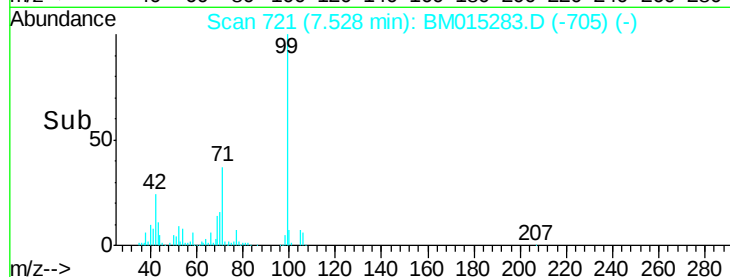
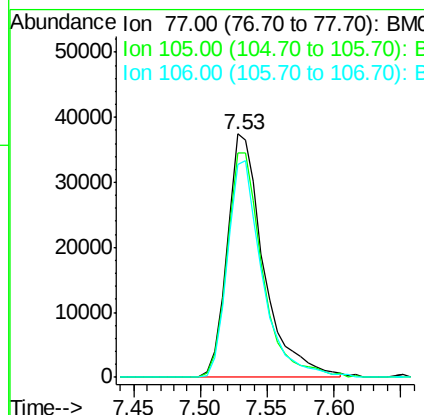
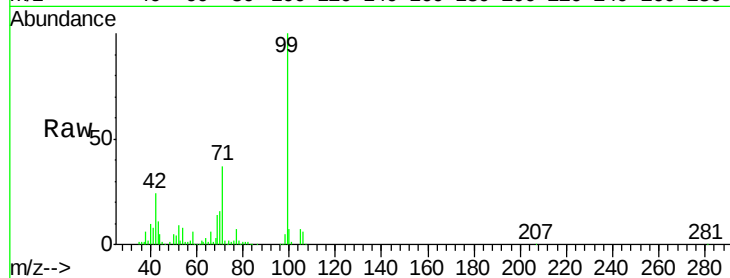
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	77	Resp:	71573
Ion	Ratio	Lower	Upper
77	100		
105	92.0	78.8	118.8
106	87.3	73.7	113.7

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#10

Phenol

Concen: 9.581 ng

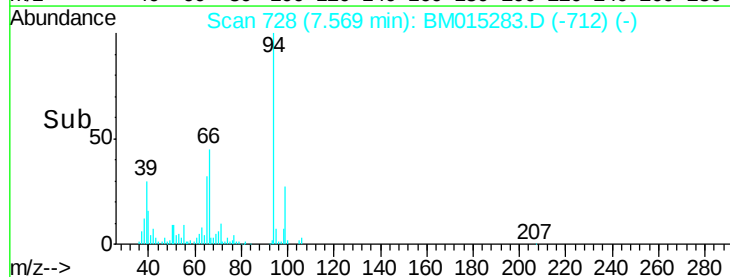
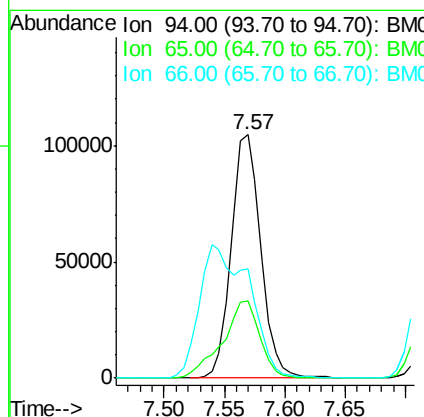
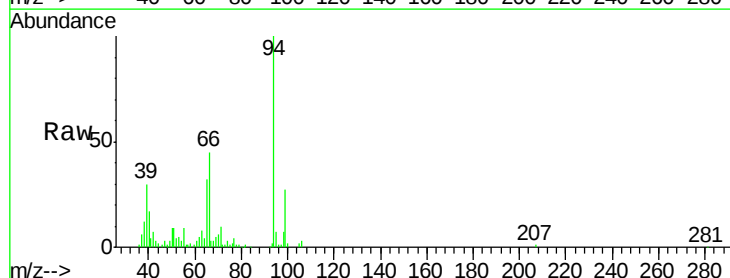
RT: 7.57 min Scan# 728

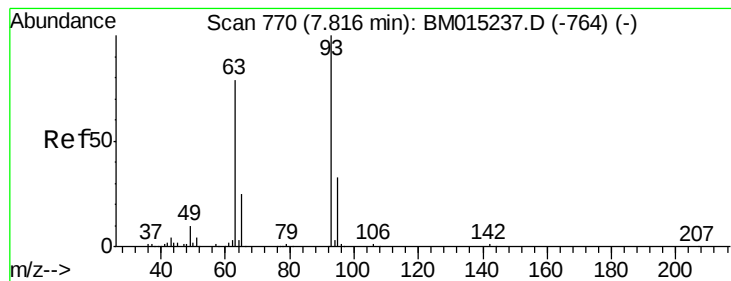
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	94	Resp:	179000
Ion	Ratio	Lower	Upper
94	100		
65	31.8	18.8	58.8
66	44.8	39.9	79.9





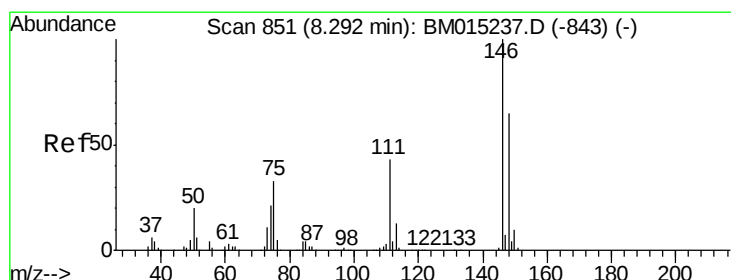
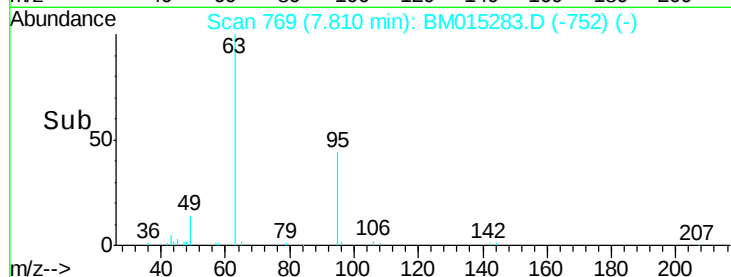
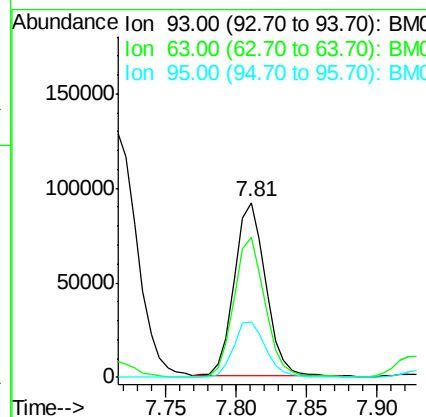
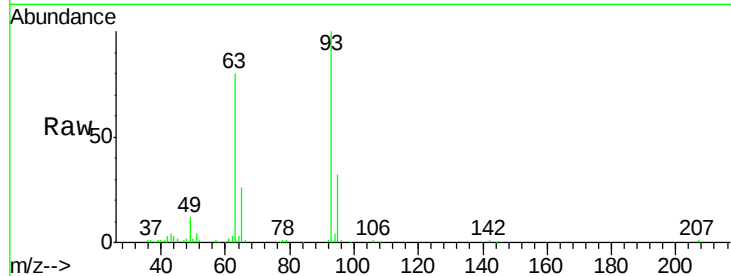
#11
bis(2-Chloroethyl)ether
Concen: 9.612 ng
RT: 7.81 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.9	49.5	89.5
95	31.8	13.5	53.5

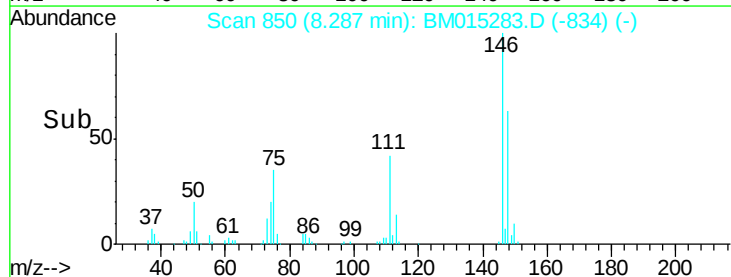
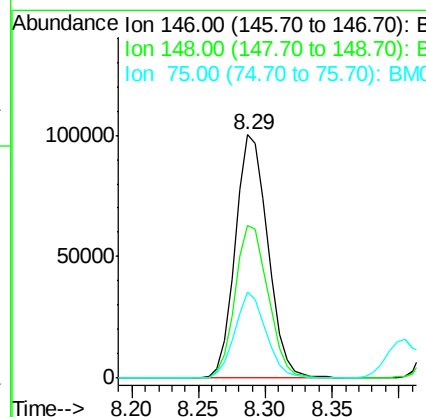
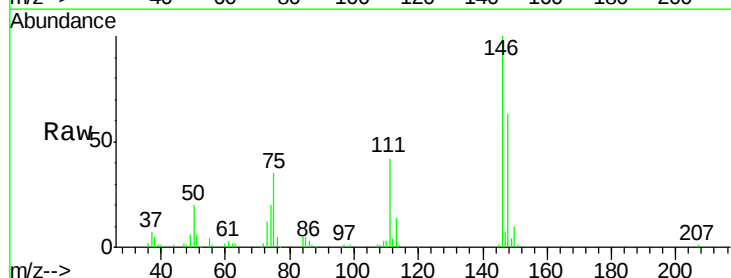
Manual Integrations
APPROVED

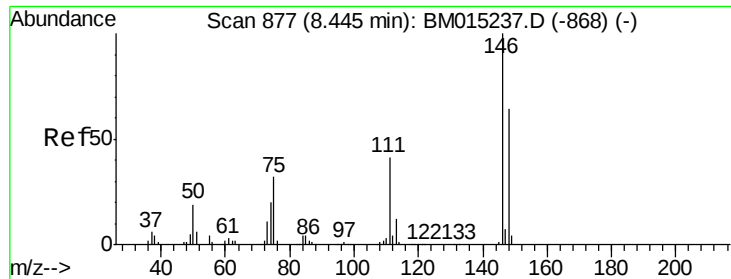
Sohil
5/24/2018 11:02:46 AM



#12
1,3-Dichlorobenzene
Concen: 9.392 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.9	76.3
75	35.2	21.4	32.2





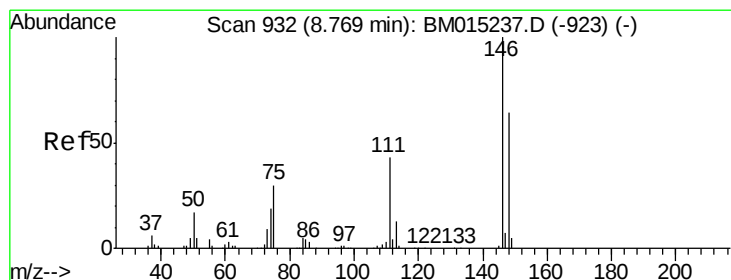
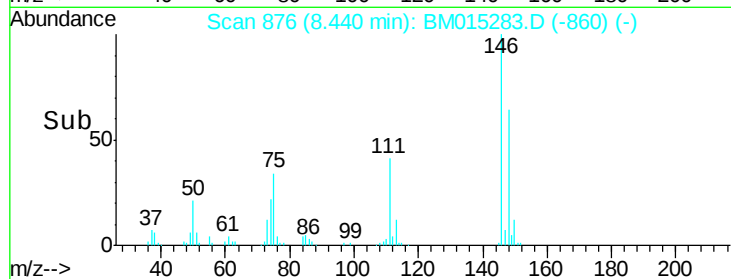
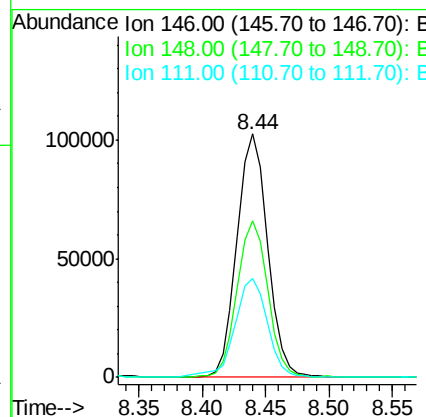
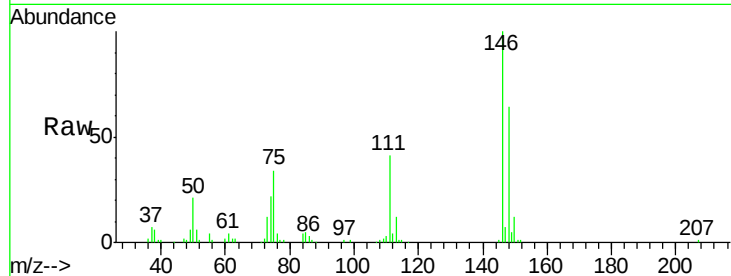
#13
 1,4-Dichlorobenzene
 Concen: 9.378 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	40.8	29.2	43.8

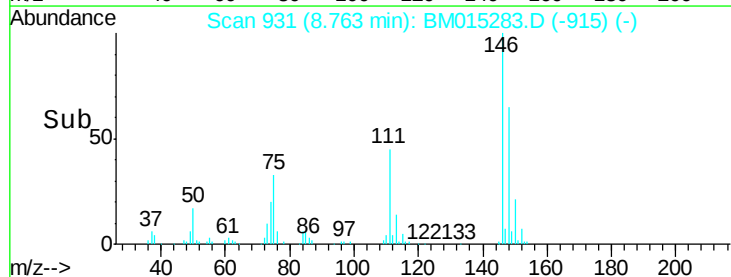
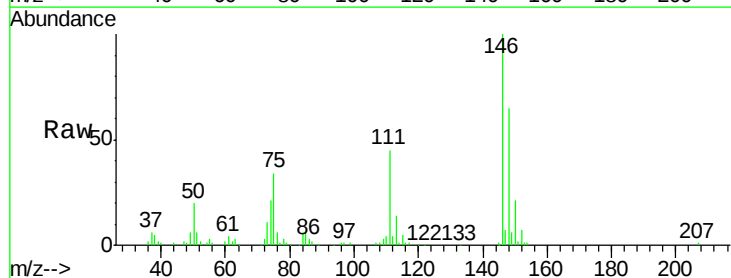
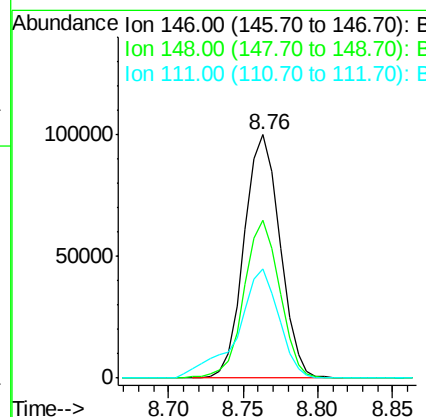
Manual Integrations
 APPROVED

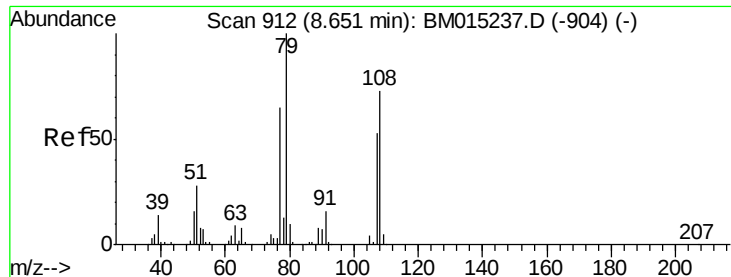
Sohil
 5/24/2018 11:02:46 AM



#14
 1,2-Dichlorobenzene
 Concen: 9.538 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	44.7	30.6	45.8





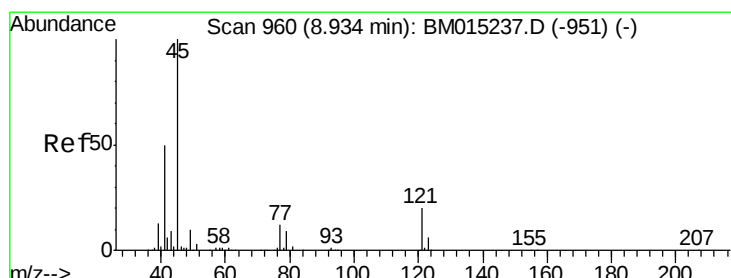
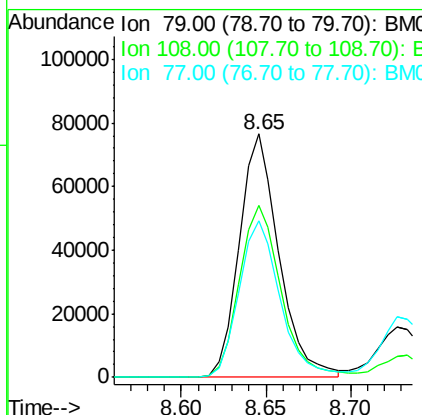
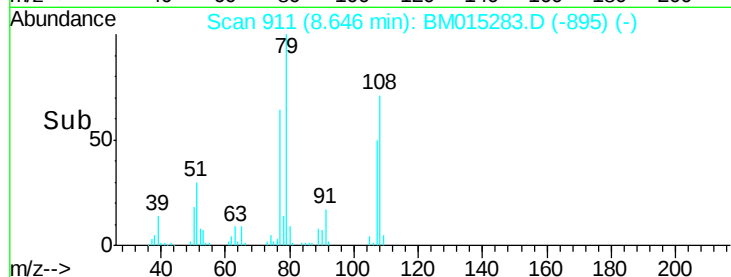
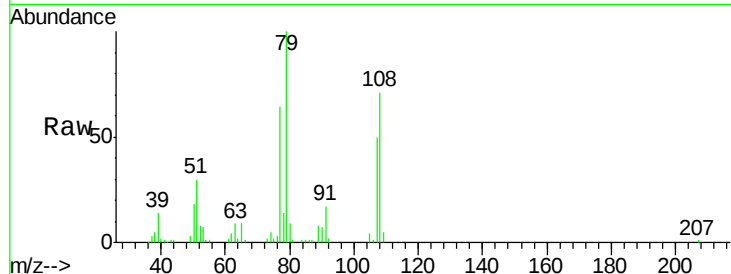
#15
Benzyl Alcohol
Concen: 9.423 ng
RT: 8.65 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.8	65.0	97.4
77	64.1	53.0	79.6

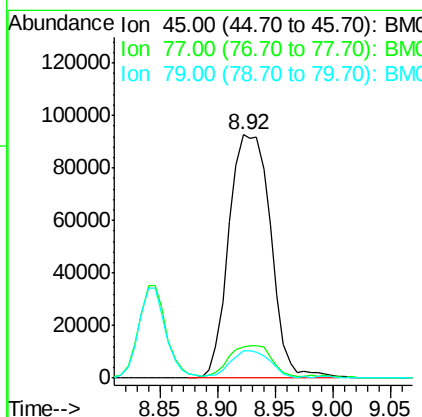
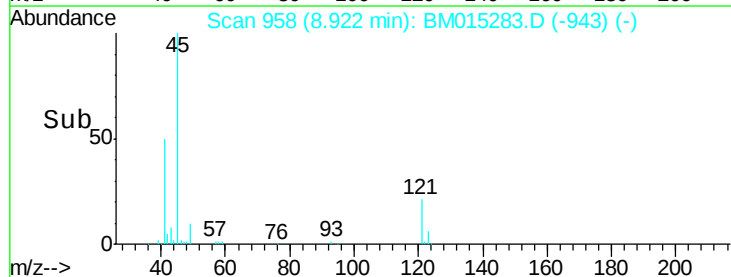
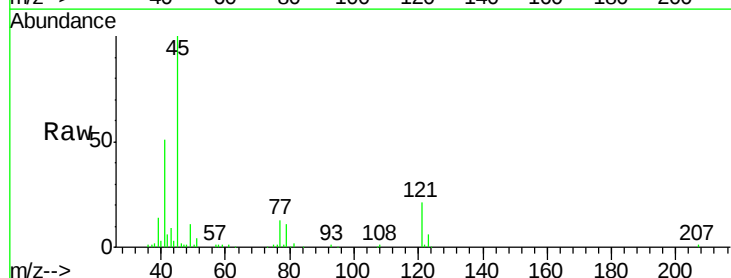
Manual Integrations
APPROVED

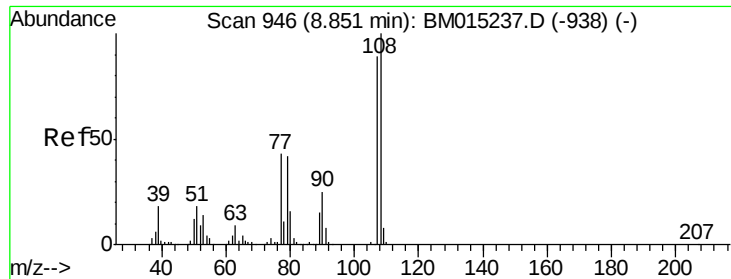
Sohil
5/24/2018 11:02:46 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 9.999 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	35.2
79	11.1	0.0	32.0





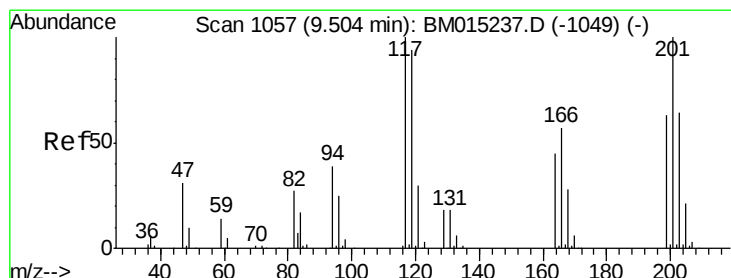
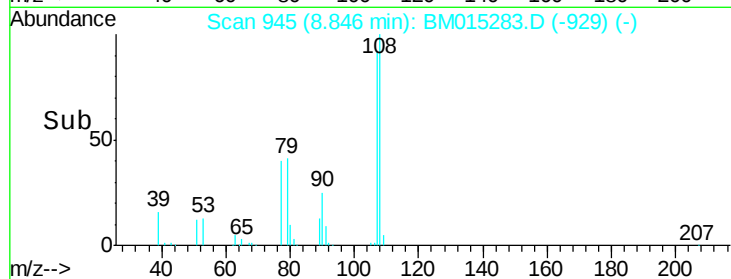
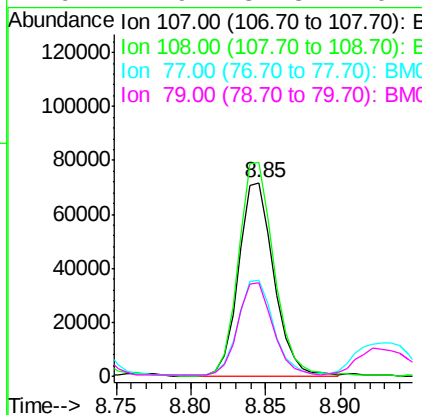
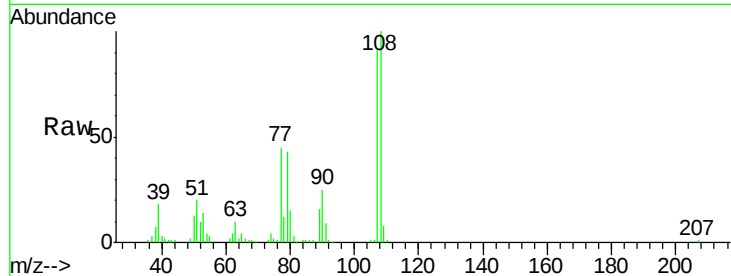
#17
2-Methylphenol
Concen: 9.514 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	89.8	134.8	
77	49.4	32.6	48.8	
79	47.9	32.8	49.2	

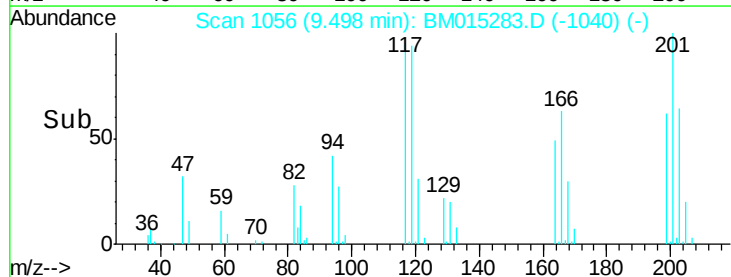
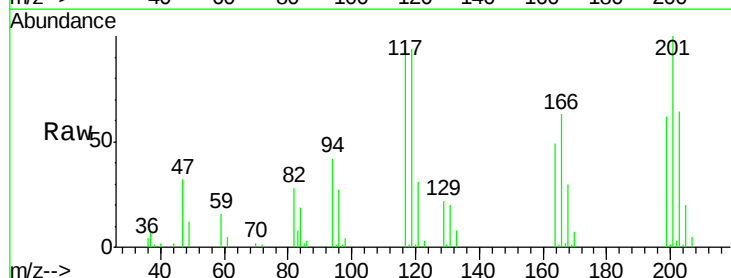
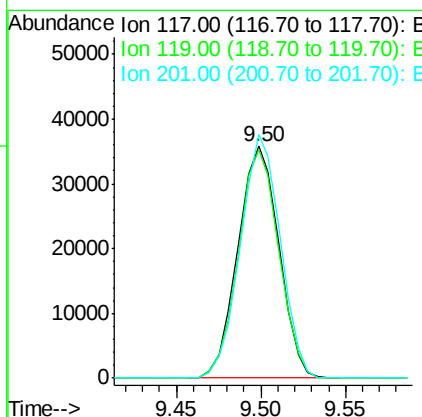
Manual Integrations
APPROVED

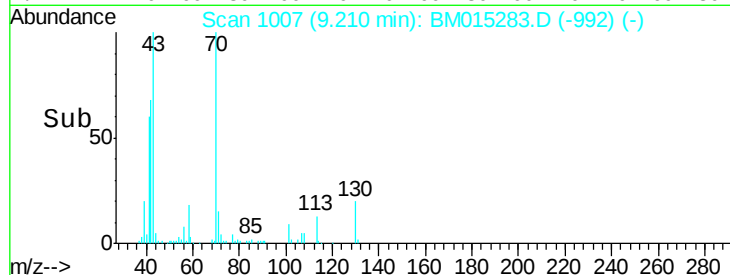
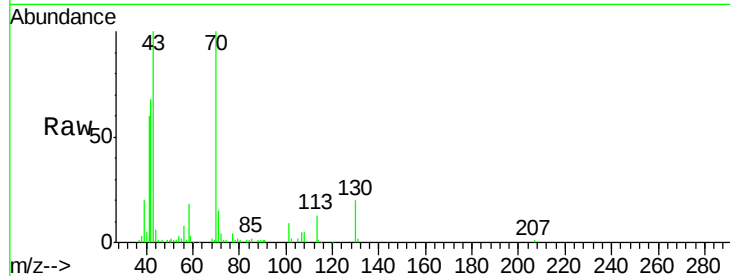
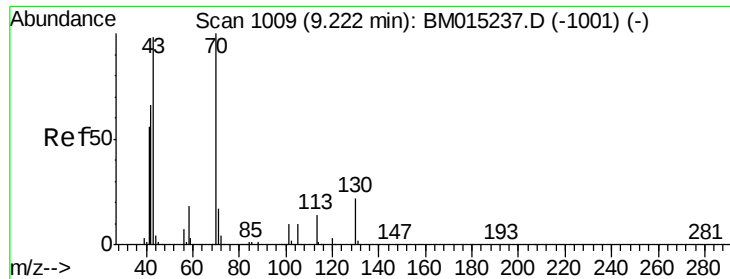
Sohil
5/24/2018 11:02:46 AM



#18
Hexachloroethane
Concen: 9.278 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	79.2	118.8	
201	105.1	69.8	104.6	





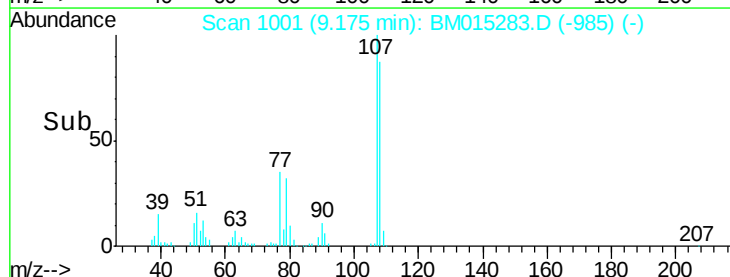
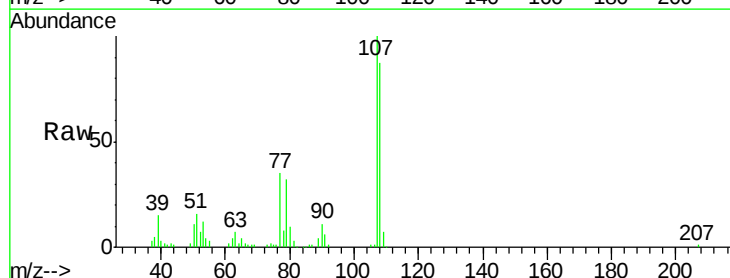
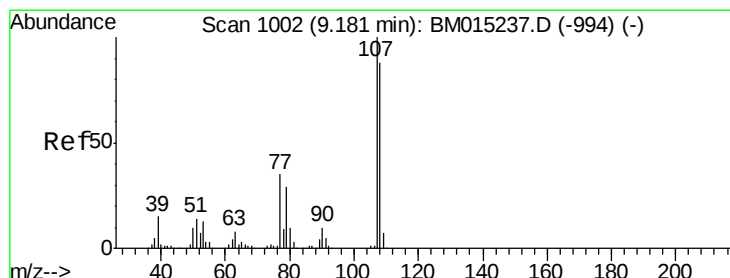
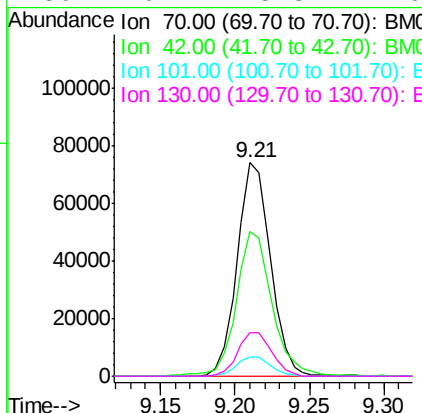
#19
n-Nitroso-di-n-propylamine
Concen: 9.845 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.5	44.5	66.7#	
101	9.3	7.4	11.2	
130	20.2	15.3	22.9	

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

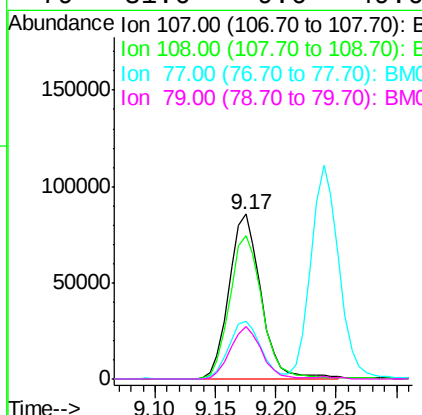
Manual Integrations
APPROVED

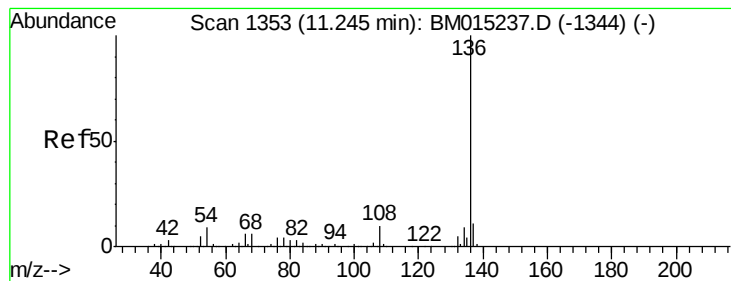
Sohil
5/24/2018 11:02:46 AM



#20
3+4-Methylphenols
Concen: 9.615 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	73.2	113.2	
77	34.7	10.7	50.7	
79	31.6	9.6	49.6	





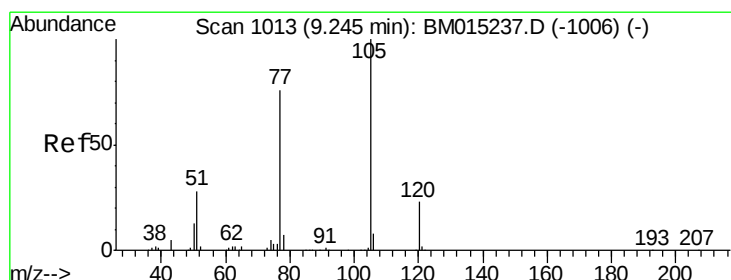
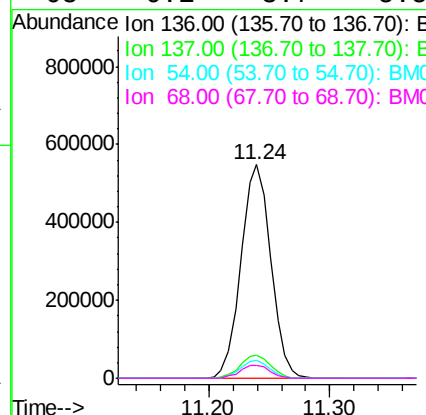
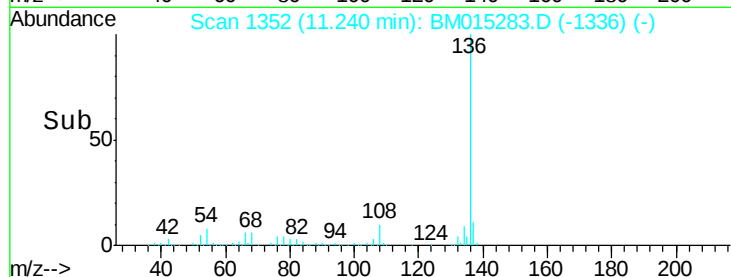
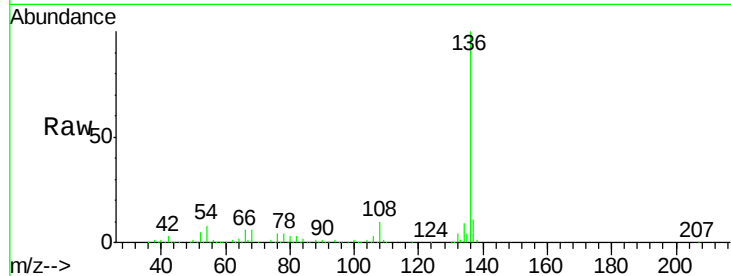
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	944953		
137	10.8	8.7	13.1	
54	8.4	4.6	6.8#	
68	6.1	3.7	5.5#	

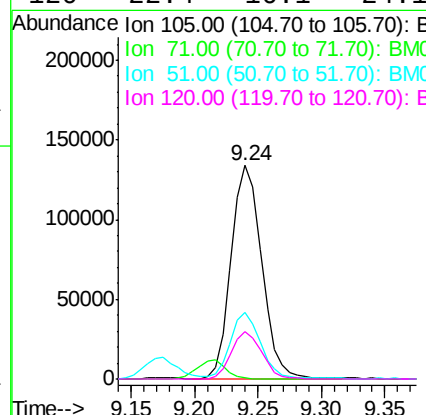
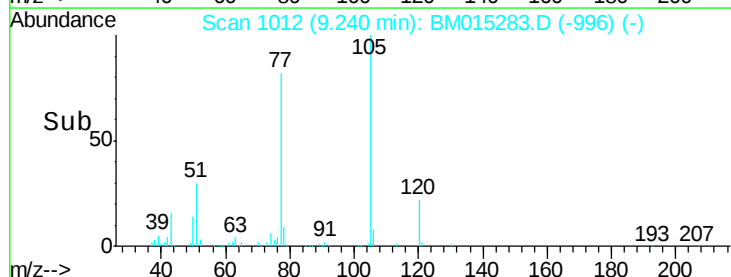
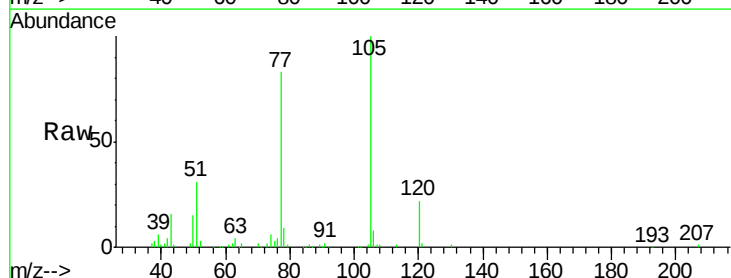
Manual Integrations
APPROVED

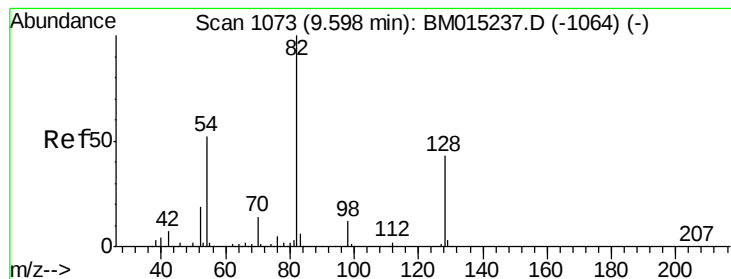
Sohil
5/24/2018 11:02:46 AM



#22
Acetophenone
Concen: 9.907 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224580		
71	0.5	0.6	1.0#	
51	31.0	21.6	32.4	
120	22.4	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 85.285 ng

RT: 9.59 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion: 82 Resp: 1471156

Ion Ratio Lower Upper

82 100

128 41.4 32.8 49.2

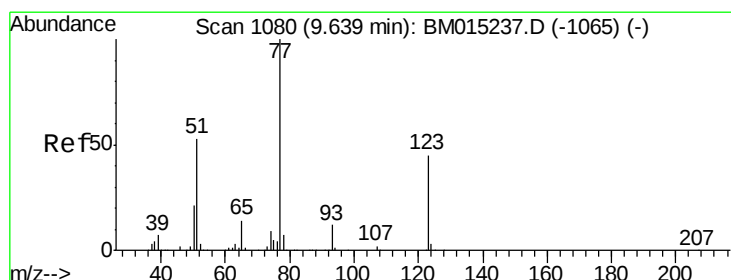
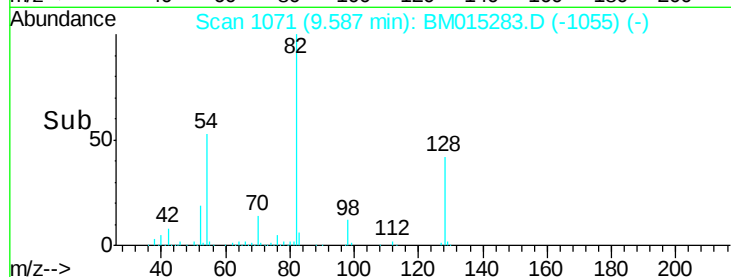
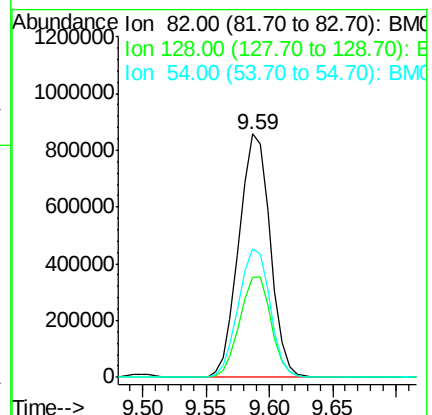
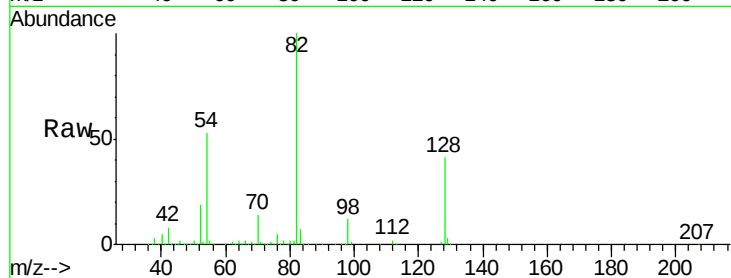
54 52.8 40.6 60.8

Manual Integrations

APPROVED

Sohil

5/24/2018 11:02:46 AM



#24

Nitrobenzene

Concen: 10.031 ng

RT: 9.63 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

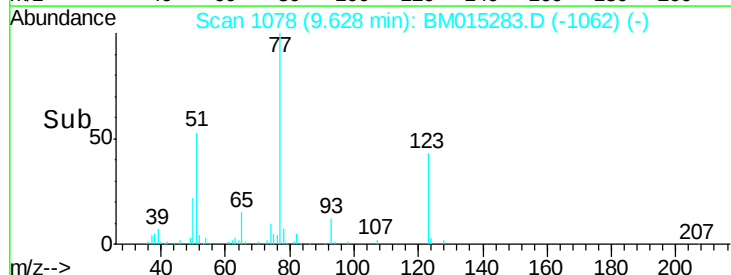
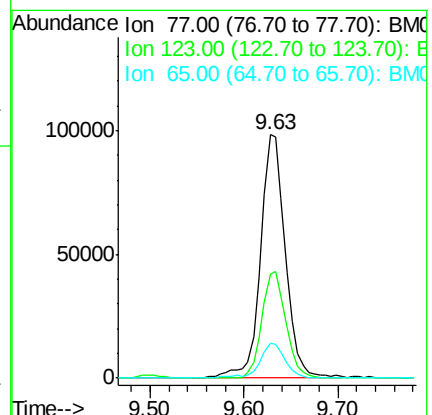
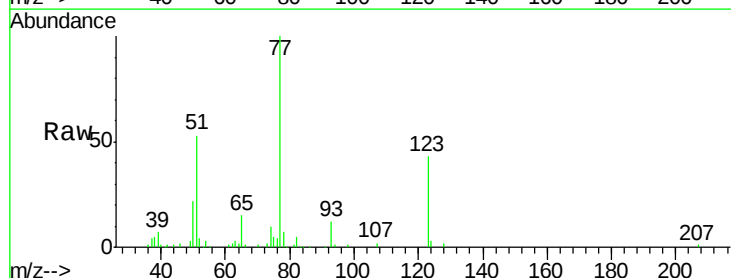
Tgt Ion: 77 Resp: 180172

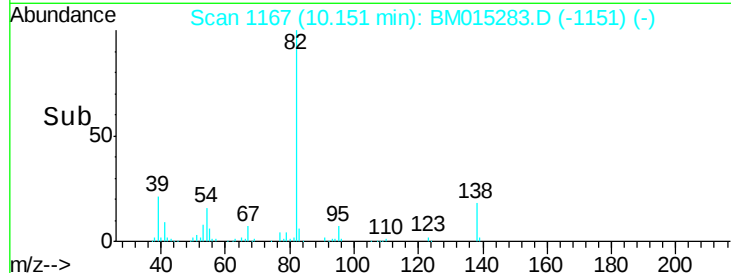
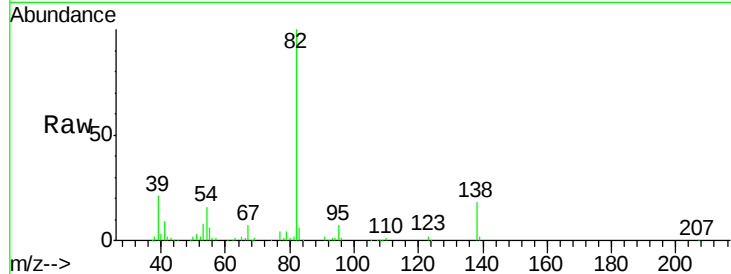
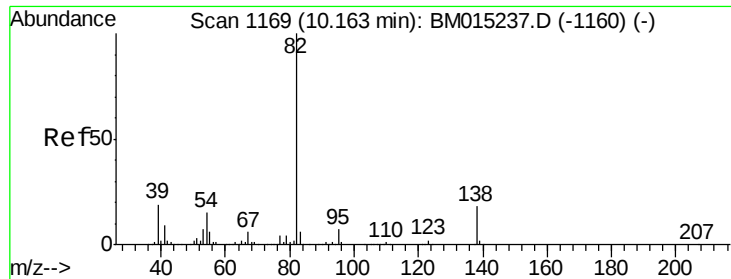
Ion Ratio Lower Upper

77 100

123 42.6 32.6 49.0

65 14.5 10.9 16.3





#25

Isophorone

Concen: 9.746 ng

RT: 10.15 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tot Ion:	82	Resp:	288766
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	18.3	16.3	24.5

Instrument :

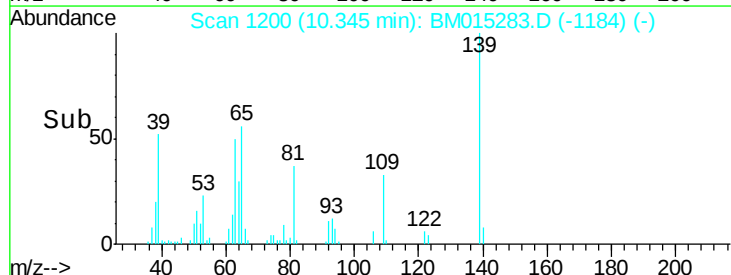
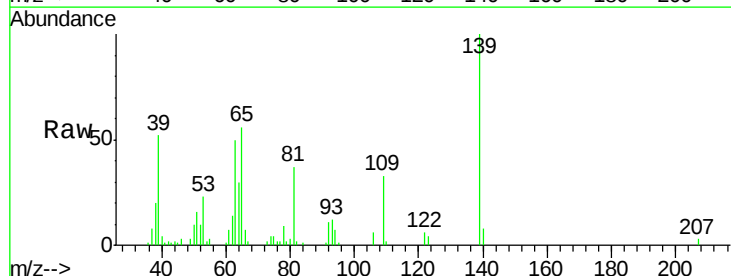
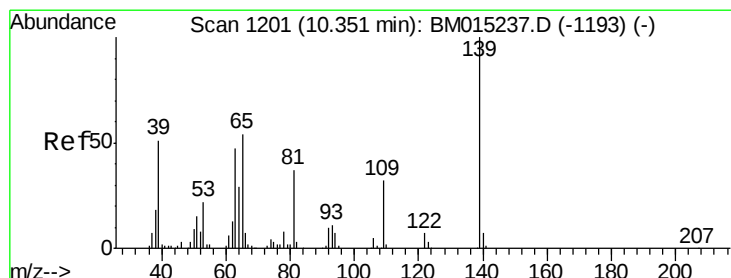
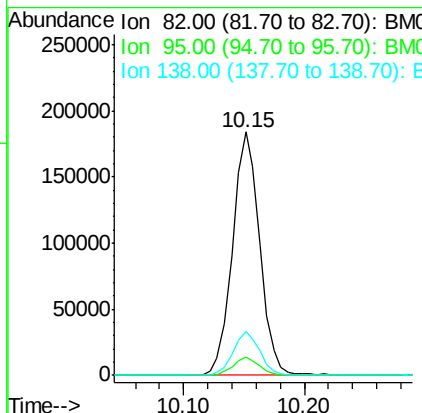
BNA_M

ClientSampleId :

LOQ-NPW-Precision-Bias-4

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#26

2-Nitrophenol

Concen: 8.422 ng

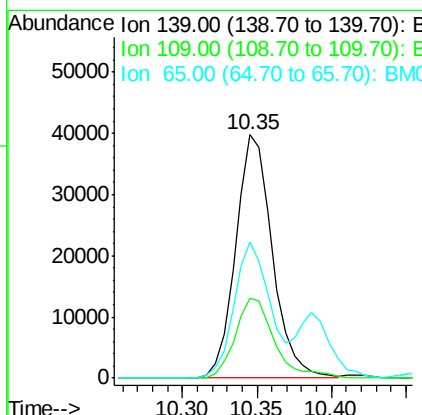
RT: 10.35 min Scan# 1200

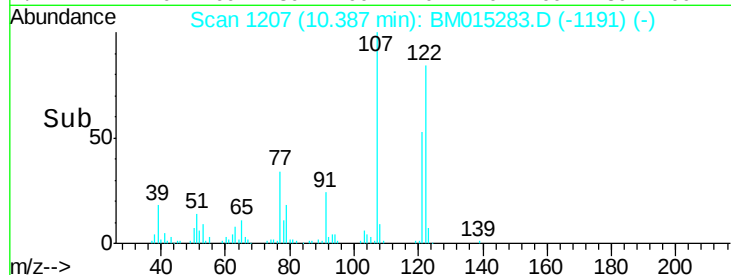
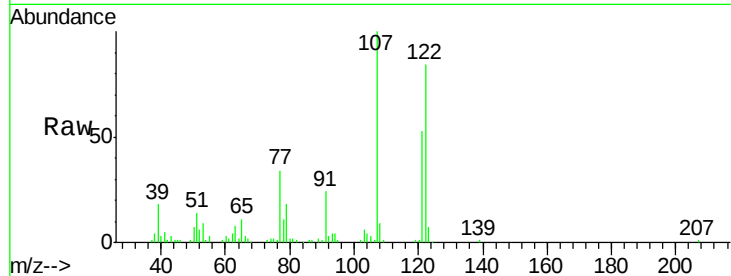
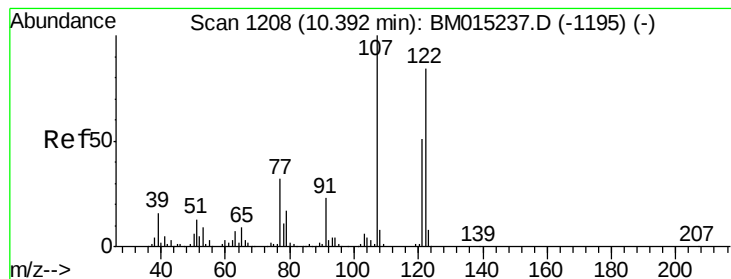
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	139	Resp:	67870
Ion Ratio	Lower	Upper	
139	100		
109	32.6	20.1	30.1#
65	55.6	31.5	47.3#





#27

2,4-Dimethylphenol

Concen: 9.599 ng

RT: 10.39 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

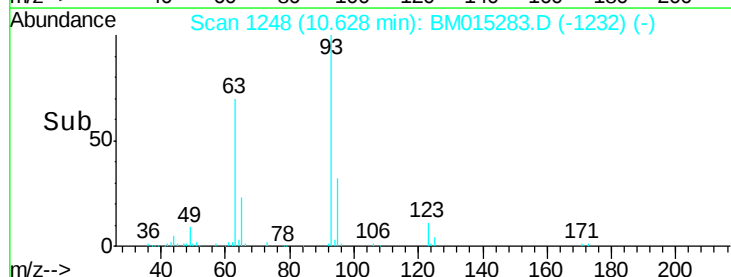
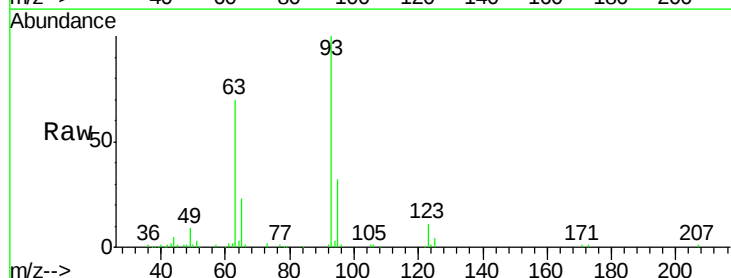
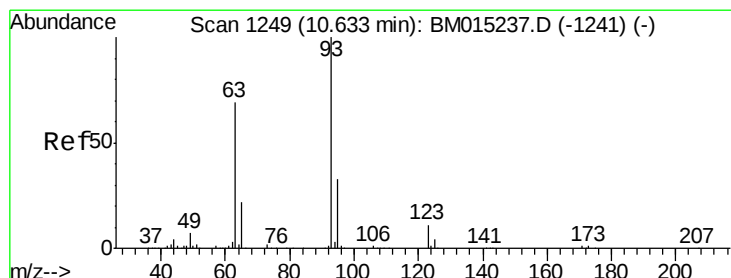
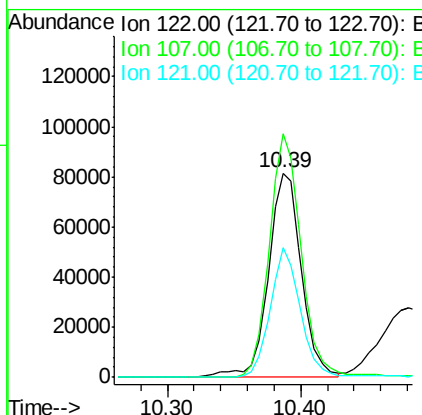
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	122	Resp:	140294
Ion Ratio	Lower	Upper	
122	100		
107	119.2	84.7	127.1
121	63.2	46.6	69.8

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#28

bis(2-Chloroethoxy)methane

Concen: 10.148 ng

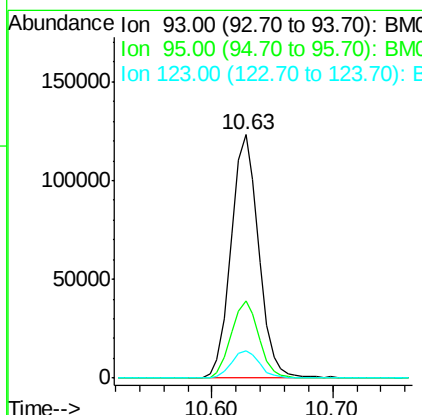
RT: 10.63 min Scan# 1248

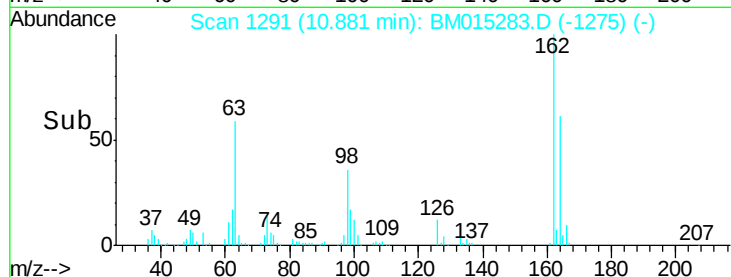
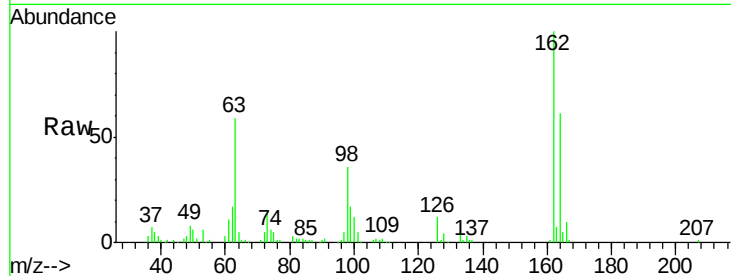
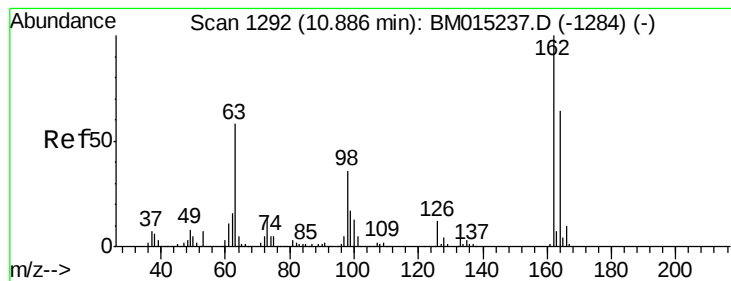
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	93	Resp:	196873
Ion Ratio	Lower	Upper	
93	100		
95	31.9	25.5	38.3
123	11.3	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 9.629 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

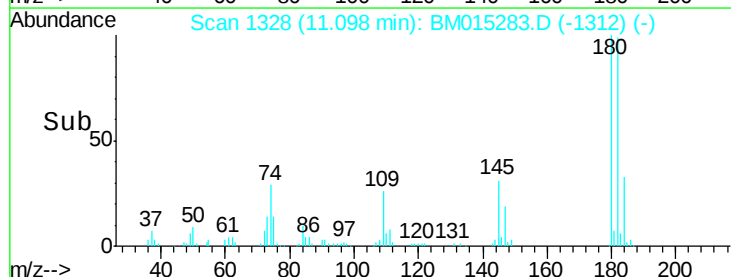
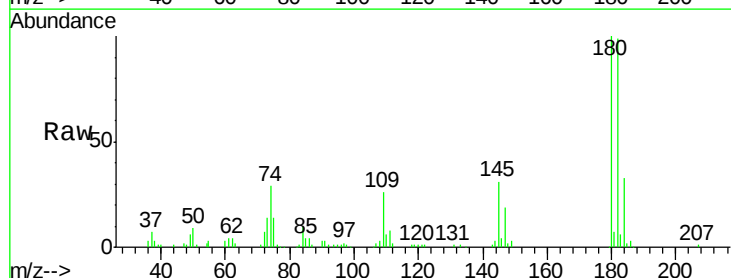
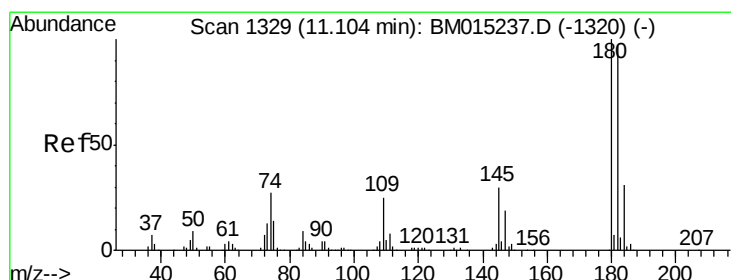
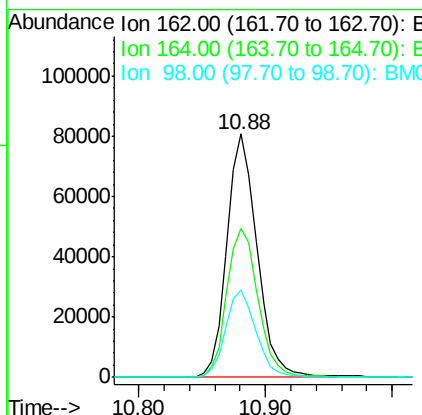
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	162	Resp:	133272
Ion Ratio	Lower	Upper	
162	100		
164	61.2	42.8	82.8
98	36.0	14.5	54.5

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#30

1,2,4-Trichlorobenzene

Concen: 9.616 ng

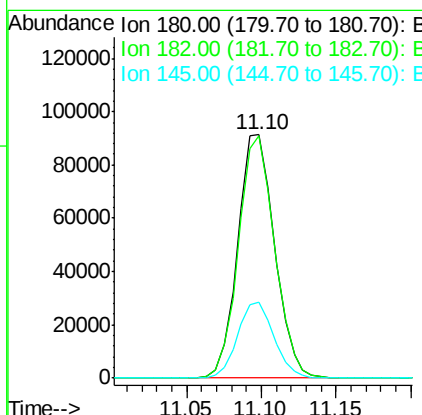
RT: 11.10 min Scan# 1328

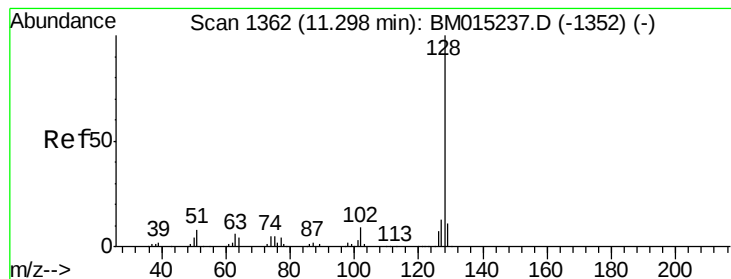
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	180	Resp:	156798
Ion Ratio	Lower	Upper	
180	100		
182	99.3	77.6	116.4
145	31.3	23.4	35.2





#31

Naphthalene

Concen: 9.742 ng

RT: 11.29 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

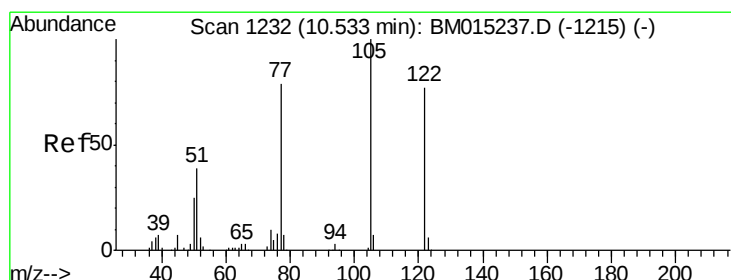
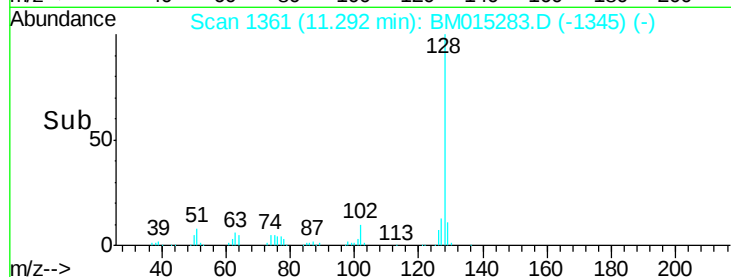
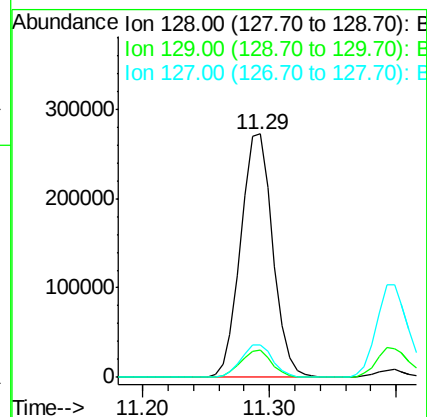
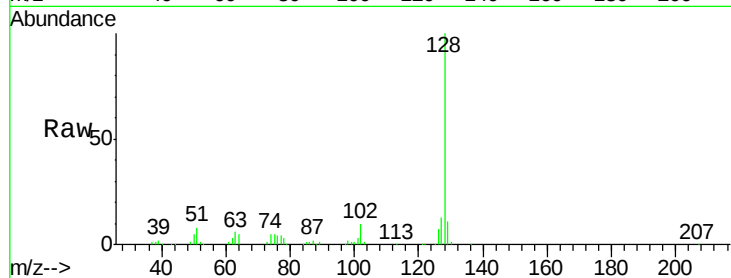
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	128	Resp:	478466
Ion Ratio		Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.2	10.4	15.6

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#32

Benzoic acid

Concen: 8.006 ng

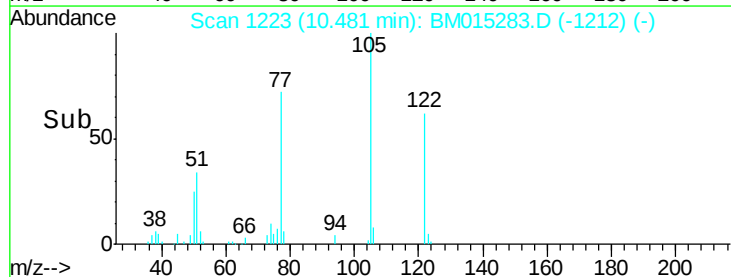
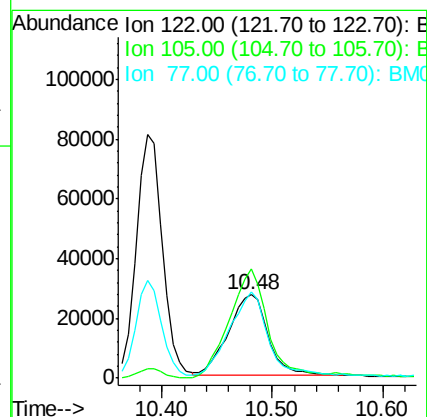
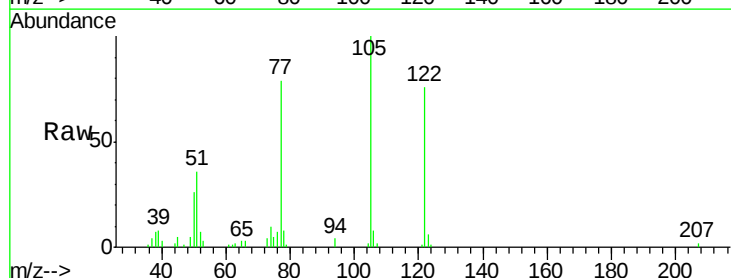
RT: 10.48 min Scan# 1223

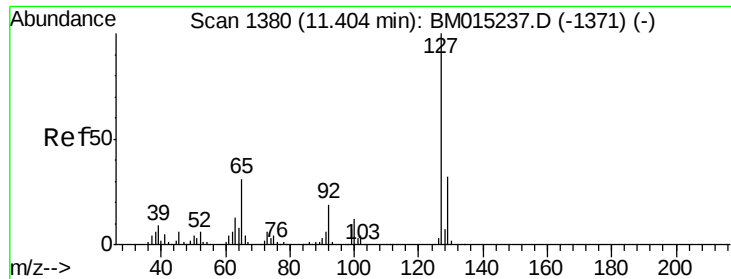
Delta R.T. -0.04 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	122	Resp:	67688
Ion Ratio		Lower	Upper
122	100		
105	131.5	99.9	139.9
77	103.2	73.7	113.7





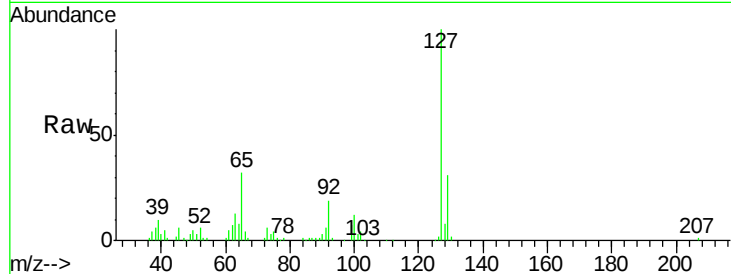
#33
4-Chloroaniline
Concen: 9.582 ng
RT: 11.40 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

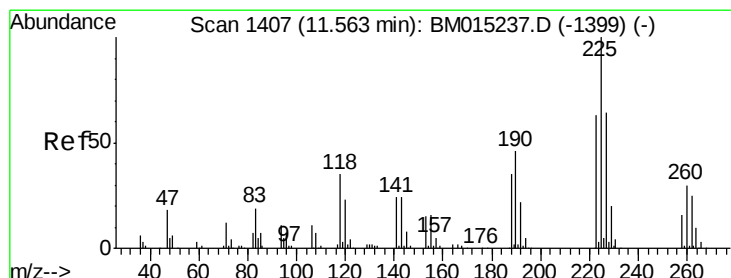
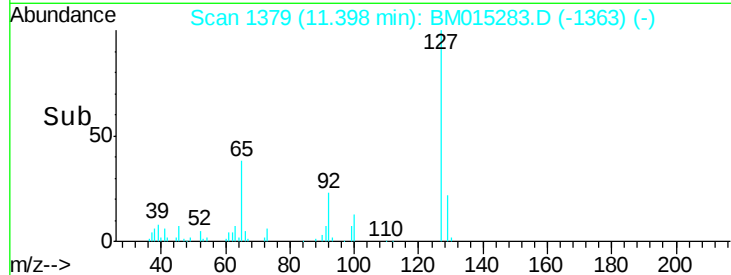
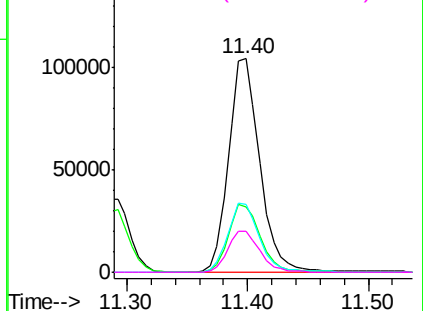
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.3	37.9
65	32.0	17.6	26.4
92	19.3	13.1	19.7

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM

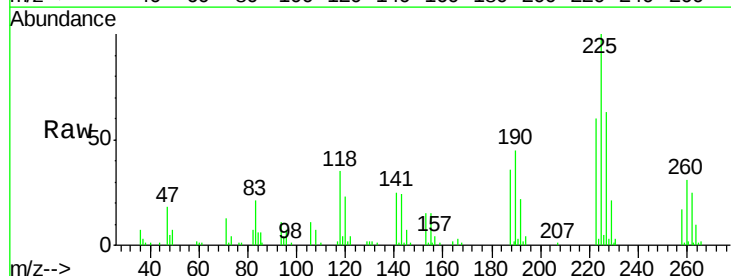


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

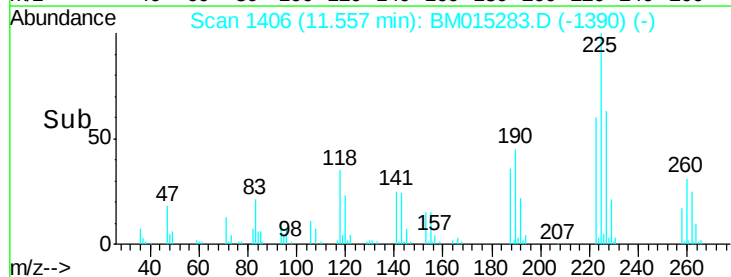
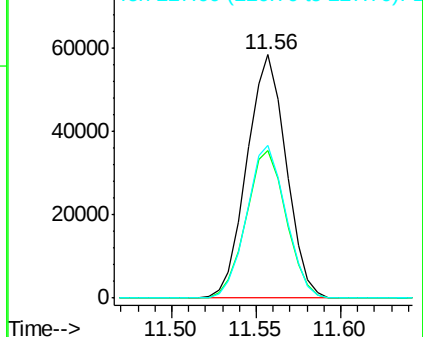


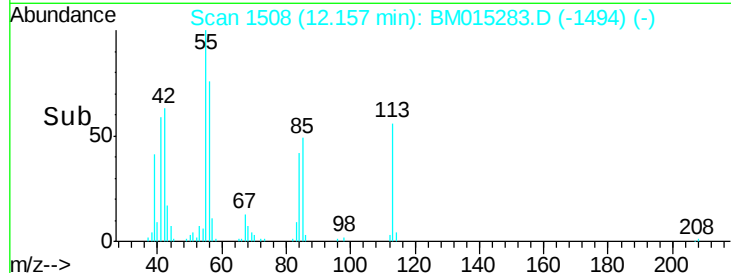
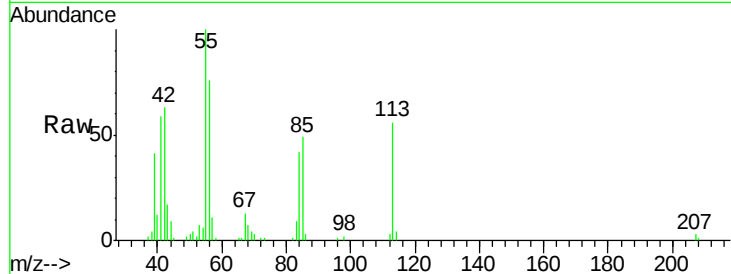
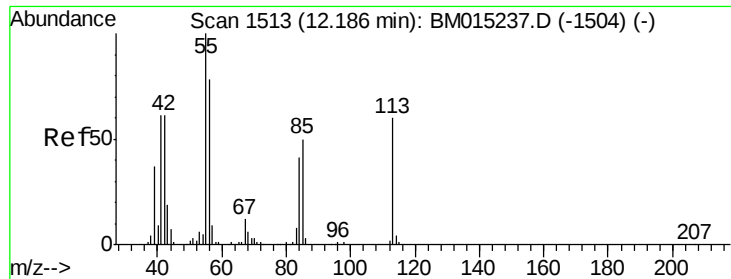
#34
Hexachlorobutadiene
Concen: 9.769 ng
RT: 11.56 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	47.9	71.9
227	63.0	50.1	75.1



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





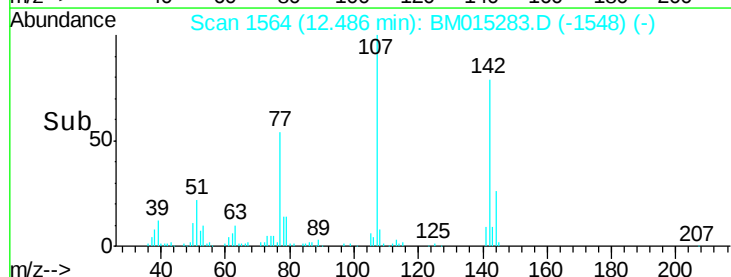
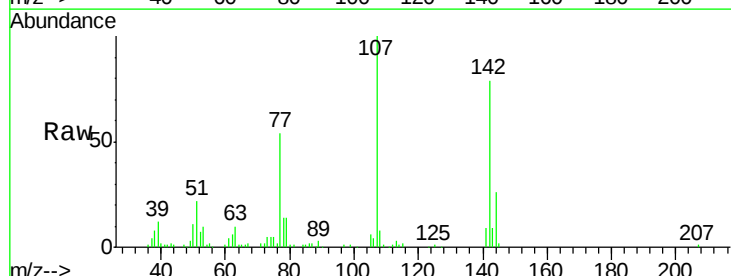
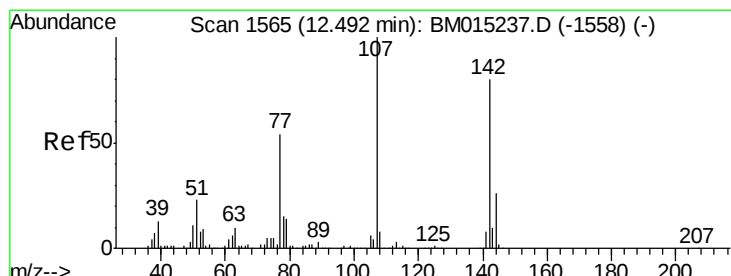
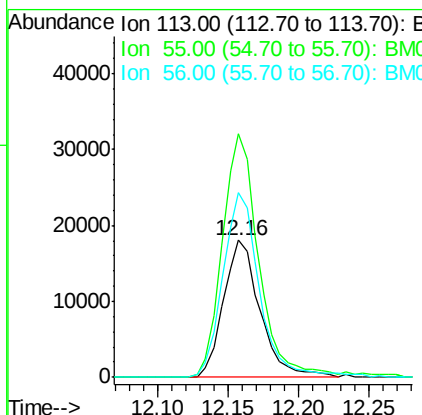
#35
Caprolactam
Concen: 8.302 ng
RT: 12.16 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tot Ion:113 Resp: 32522
Ion Ratio Lower Upper
113 100
55 177.4 145.9 185.9
56 134.7 101.0 141.0

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

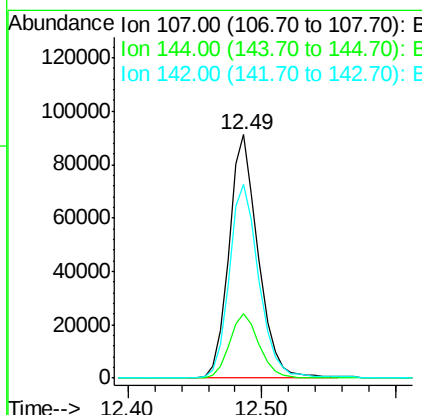
Manual Integrations
APPROVED

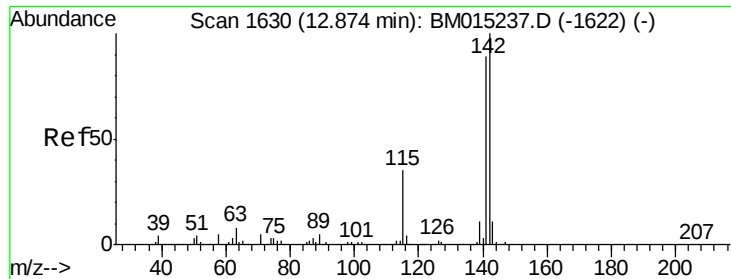
Sohil
5/24/2018 11:02:46 AM



#36
4-Chloro-3-methylphenol
Concen: 9.847 ng
RT: 12.49 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion:107 Resp: 139227
Ion Ratio Lower Upper
107 100
144 26.5 23.3 34.9
142 79.4 72.6 109.0





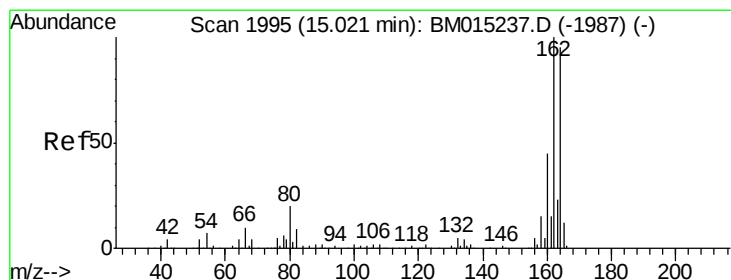
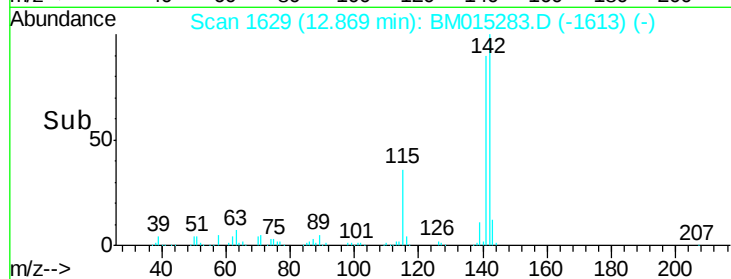
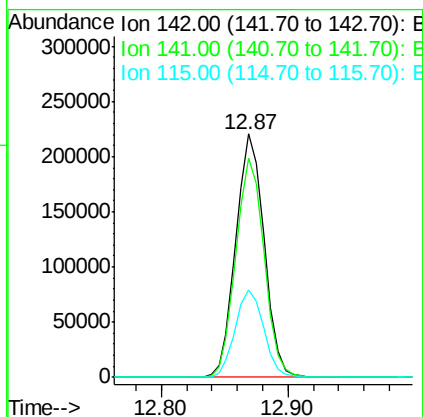
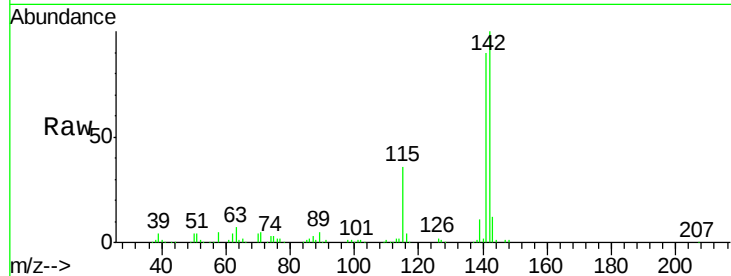
#37
2-Methylnaphthalene
Concen: 10.033 ng
RT: 12.87 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	36.0	25.4	38.0

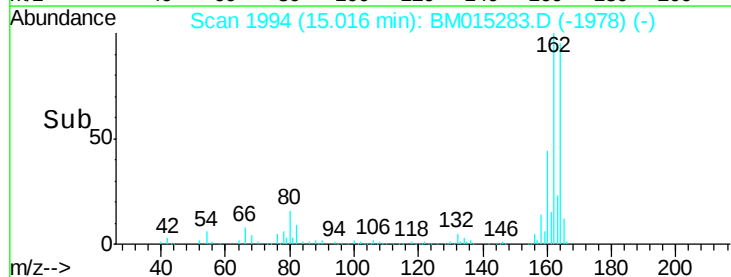
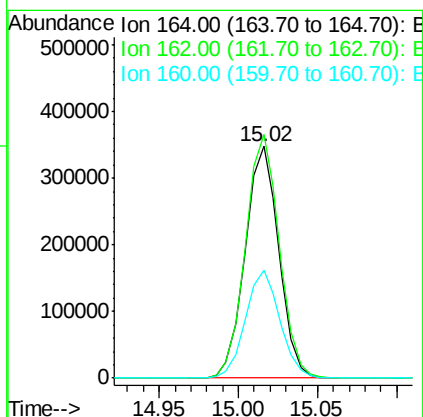
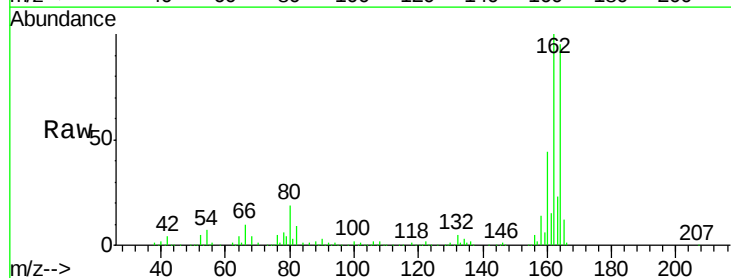
Manual Integrations
APPROVED

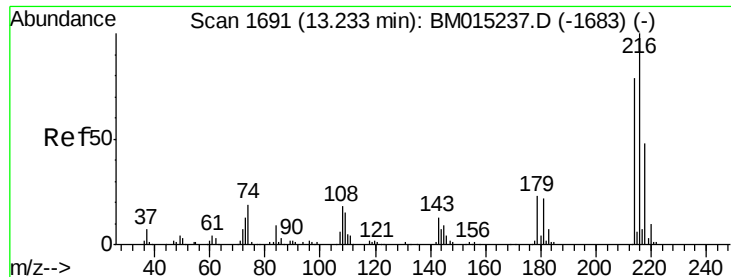
Sohil
5/24/2018 11:02:46 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	46.7	35.8	53.6





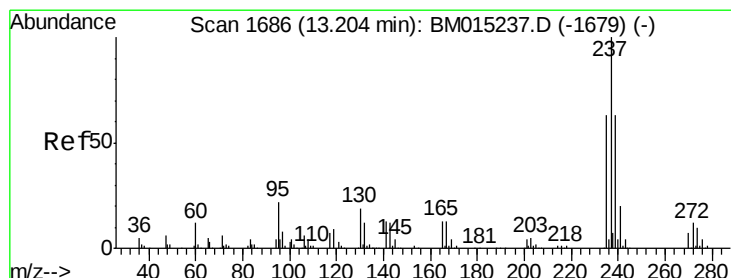
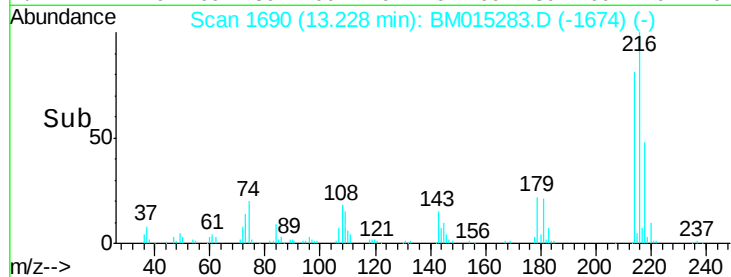
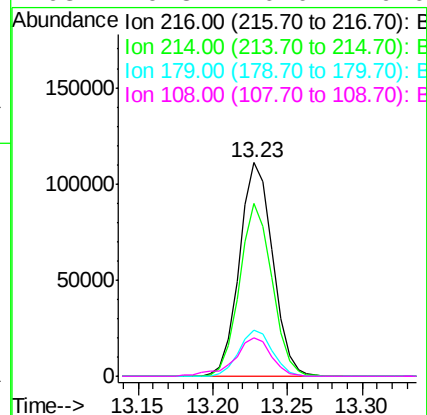
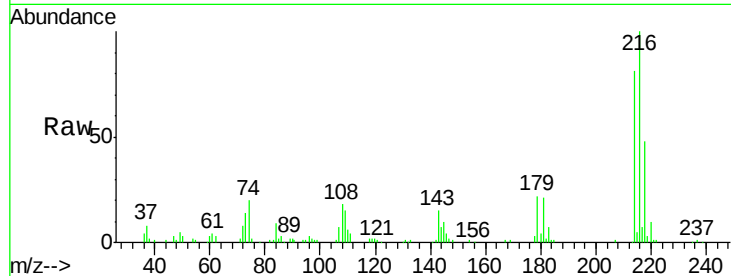
#39
1,2,4,5-Tetrachlorobenzene
Concen: 9.579 ng
RT: 13.23 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
216	100	172161		
214	78.8	0.0	0.0	0.0
179	21.6	0.0	0.0	0.0
108	19.8	0.0	0.0	0.0

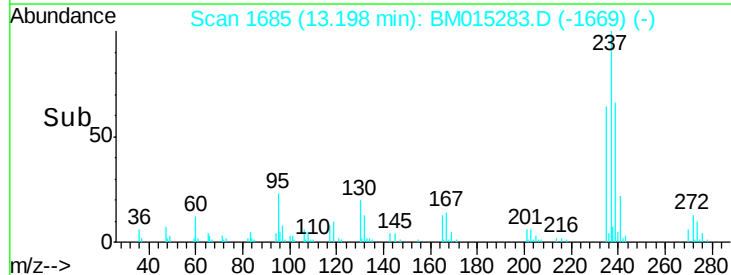
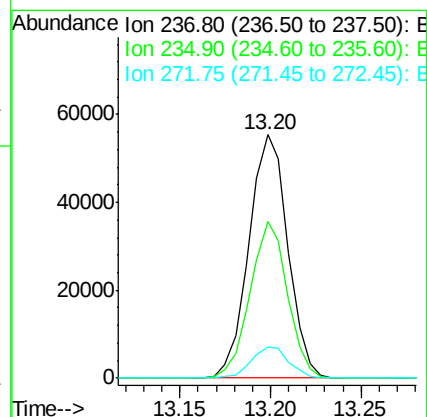
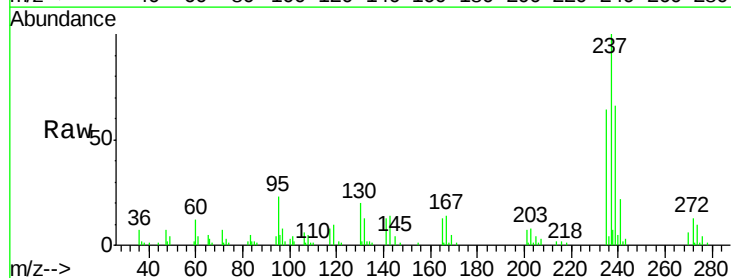
Manual Integrations
APPROVED

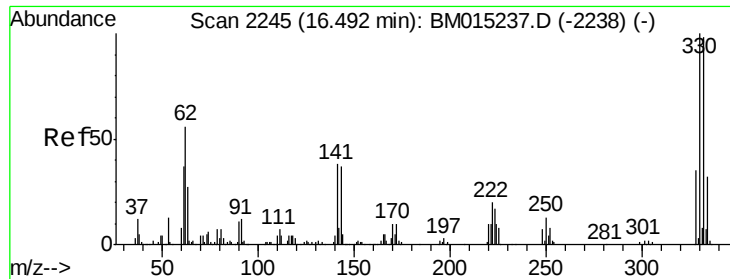
Sohil
5/24/2018 11:02:46 AM



#40
Hexachlorocyclopentadiene
Concen: 11.826 ng
RT: 13.20 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	82422		
235	64.1	42.0	82.0	
272	12.8	0.0	33.4	





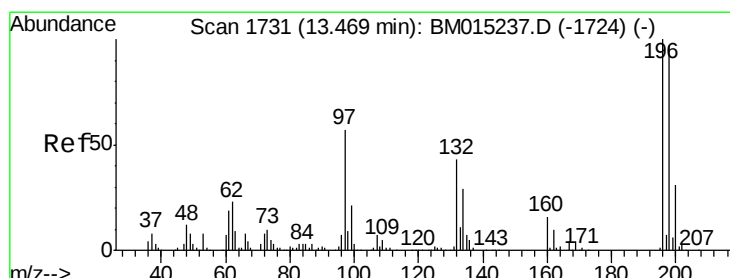
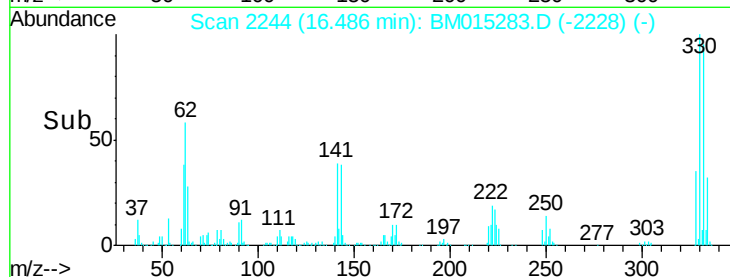
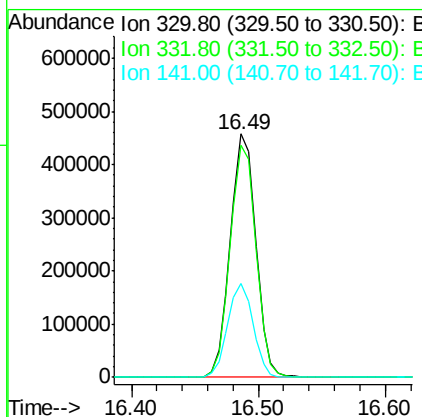
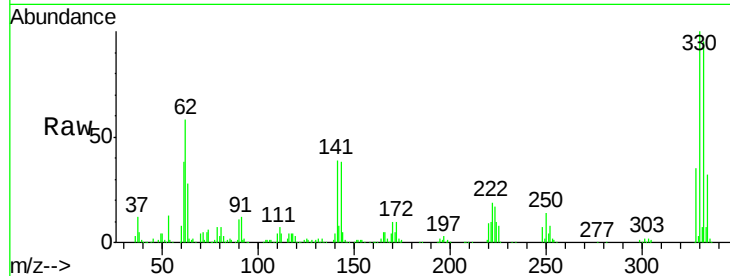
#41
 2,4,6-Tribromophenol
 Concen: 99.929 ng
 RT: 16.49 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	639411		
332	96.3	0.0	0.0	0.0
141	38.3	0.0	0.0	0.0

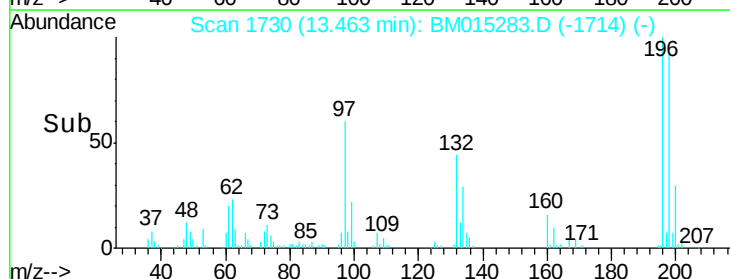
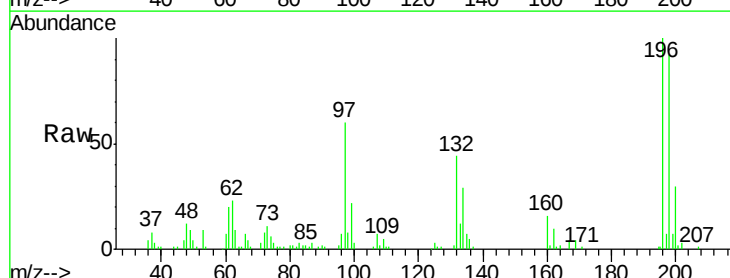
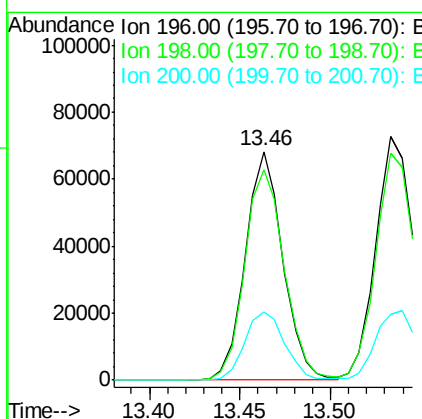
Manual Integrations
 APPROVED

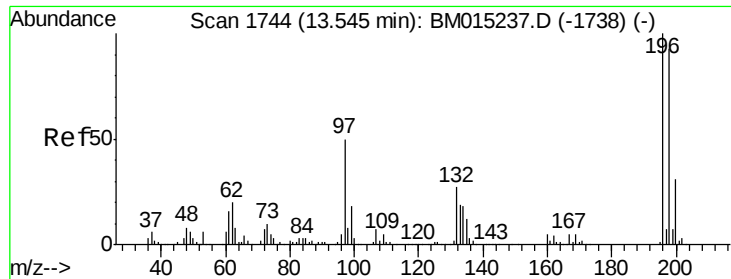
Sohil
 5/24/2018 11:02:46 AM



#42
 2,4,6-Trichlorophenol
 Concen: 9.095 ng
 RT: 13.46 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98230		
198	92.2	76.3	114.5	
200	29.6	25.6	38.4	





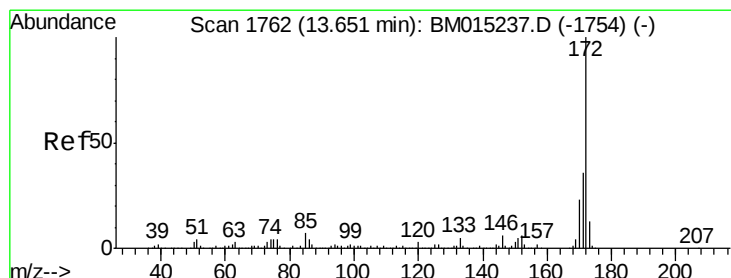
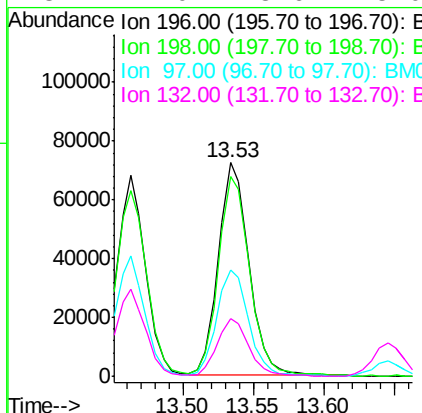
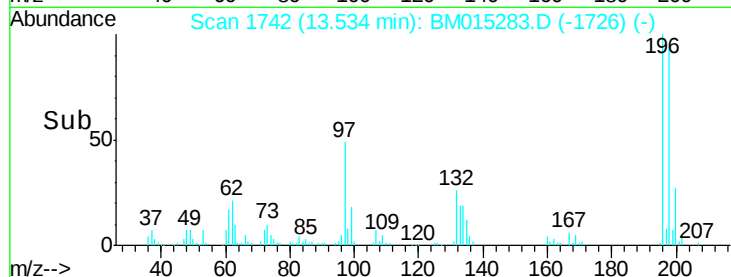
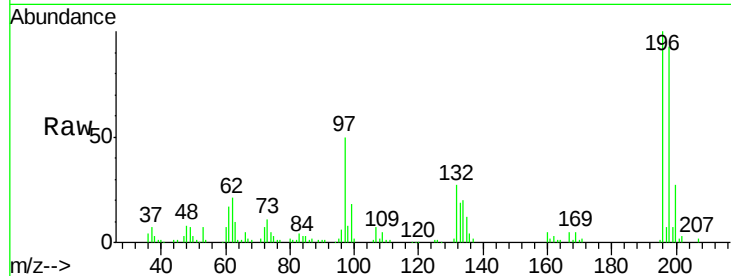
#43
 2,4,5-Trichlorophenol
 Concen: 9.335 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		108866		
198	93.3	79.4	119.0		
97	49.6	26.8	40.2#		
132	27.0	18.6	28.0		

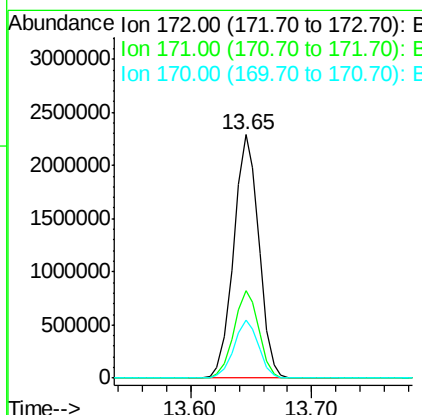
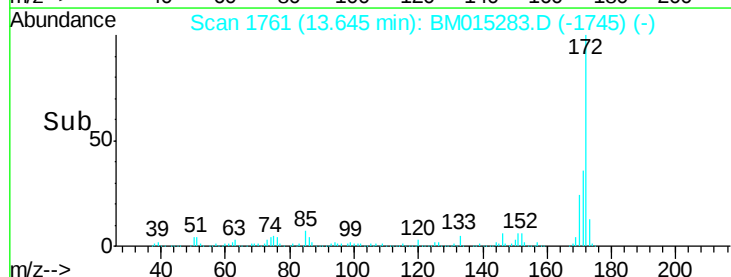
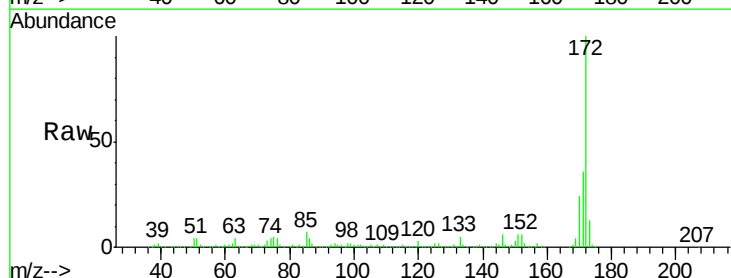
Manual Integrations
 APPROVED

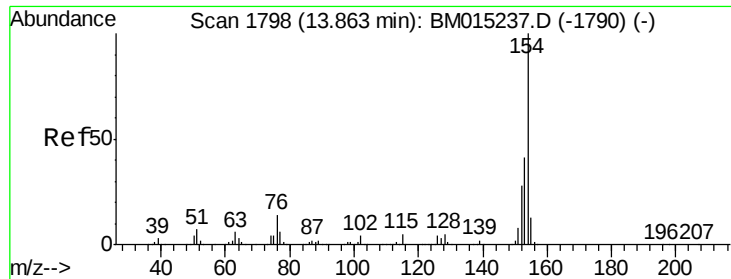
Sohil
 5/24/2018 11:02:46 AM



#44
 2-Fluorobiphenyl
 Concen: 80.717 ng
 RT: 13.65 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		3313197		
171	36.1	28.5	42.7		
170	23.6	18.8	28.2		





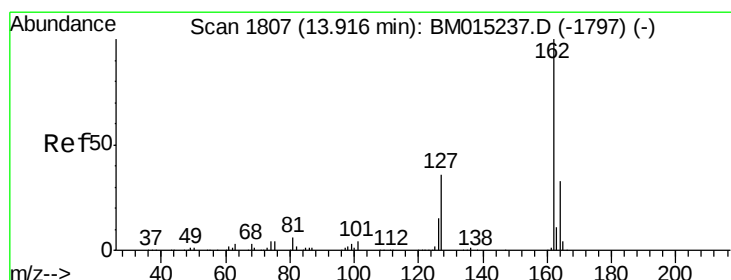
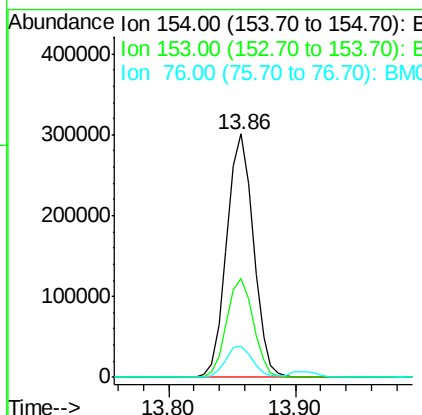
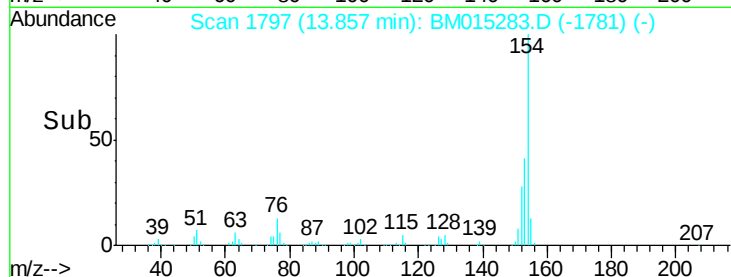
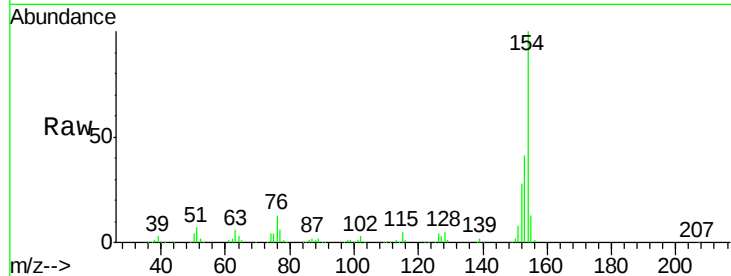
#45
 1,1'-Biphenyl
 Concen: 9.833 ng
 RT: 13.86 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

Tot Ion:	154	Resp:	438992
Ion Ratio		Lower	Upper
154	100		
153	40.6	20.7	60.7
76	12.9	0.0	30.9

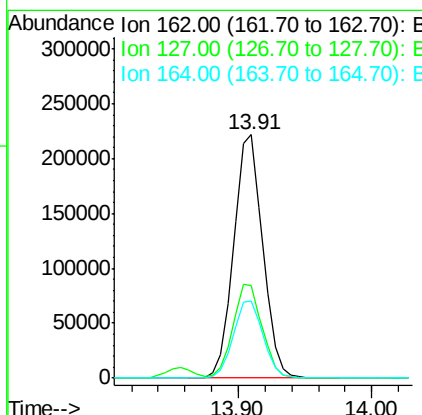
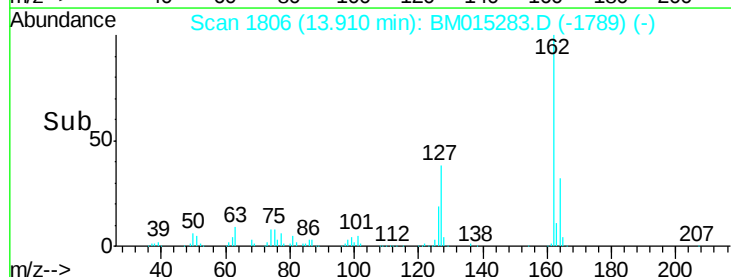
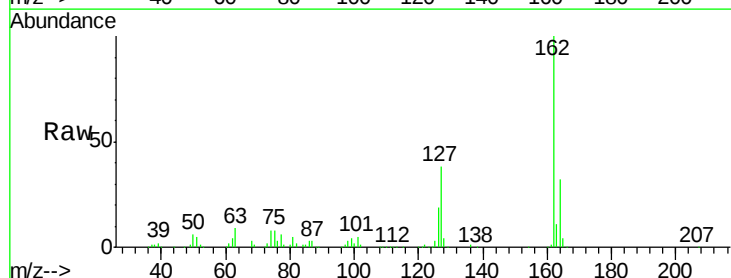
Manual Integrations
 APPROVED

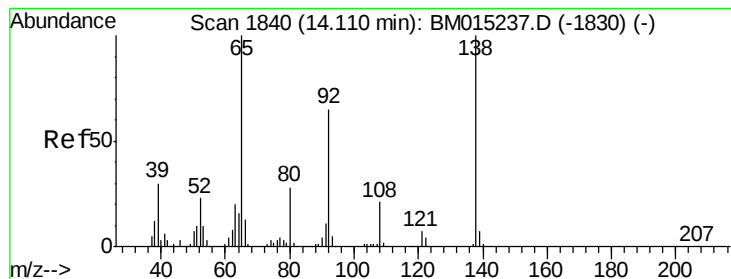
Sohil
 5/24/2018 11:02:46 AM



#46
 2-Chloronaphthalene
 Concen: 9.752 ng
 RT: 13.91 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:	162	Resp:	335087
Ion Ratio		Lower	Upper
162	100		
127	38.1	26.9	40.3
164	31.7	26.8	40.2





#47

2-Nitroaniline

Concen: 8.433 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

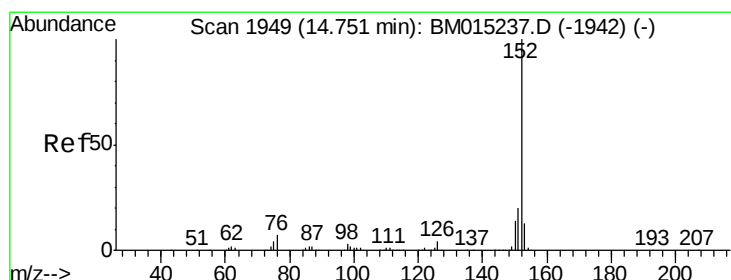
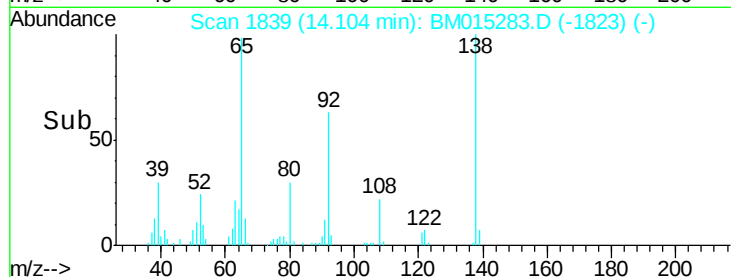
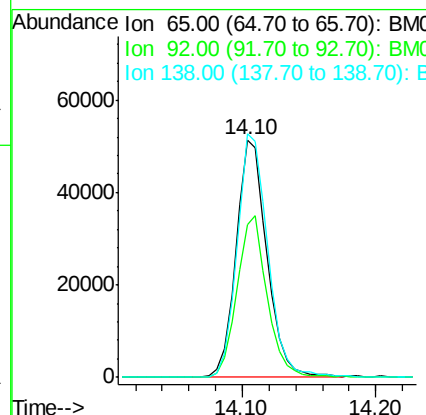
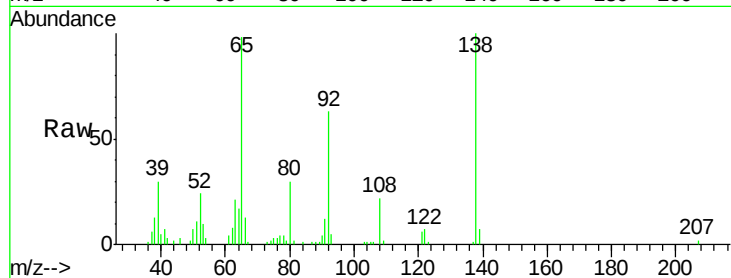
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	65	Resp:	82555
Ion Ratio	Lower	Upper	
65	100		
92	64.2	59.1	88.7
138	102.5	93.9	140.9

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#48

Acenaphthylene

Concen: 9.565 ng

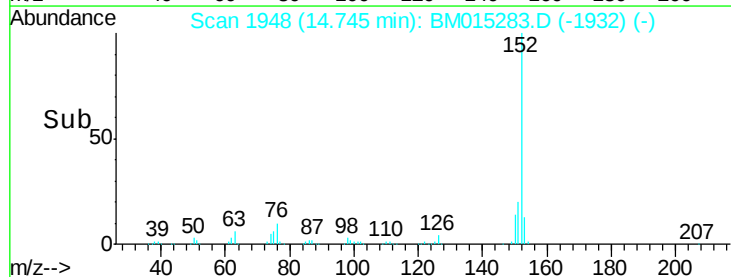
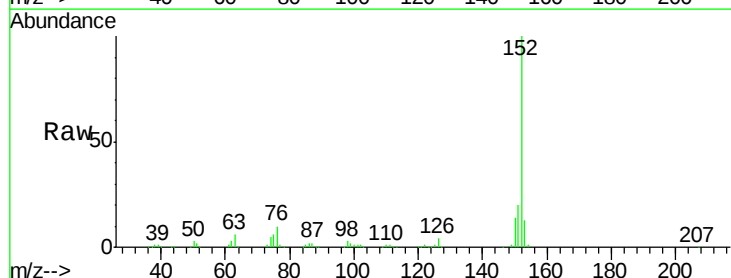
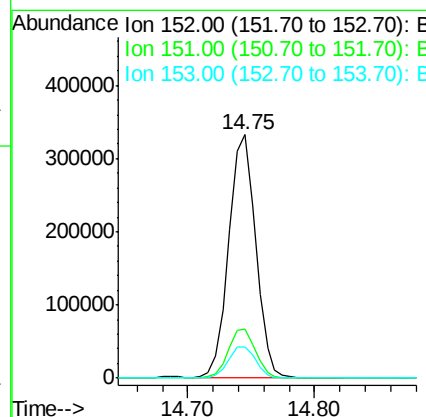
RT: 14.75 min Scan# 1948

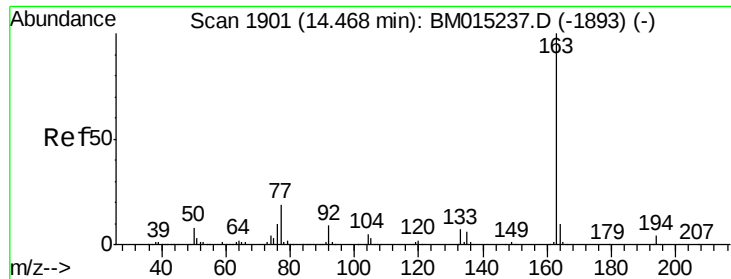
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	152	Resp:	488179
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.9	23.9
153	12.6	10.6	16.0





#49

Dimethylphthalate

Concen: 9.969 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

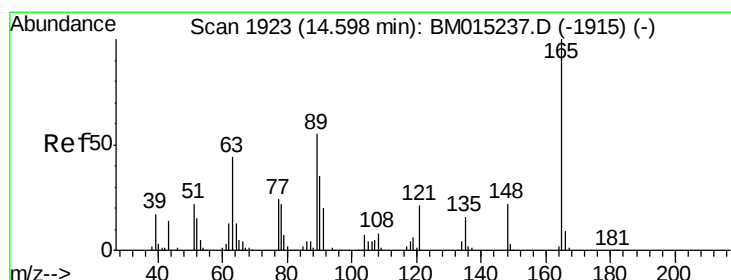
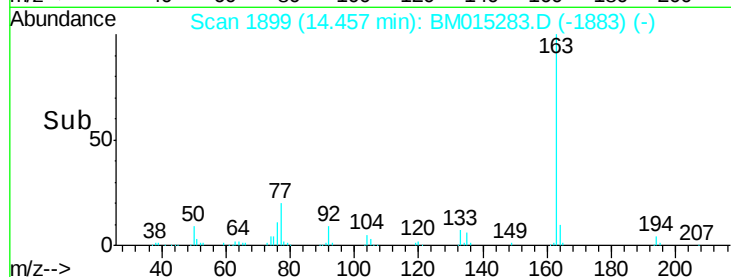
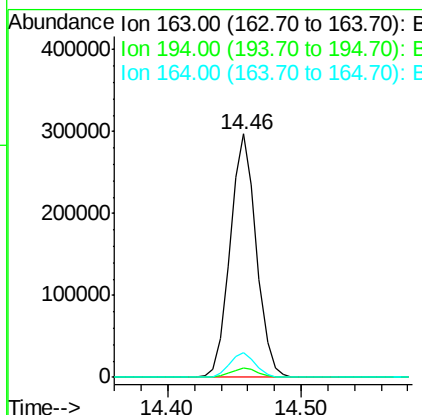
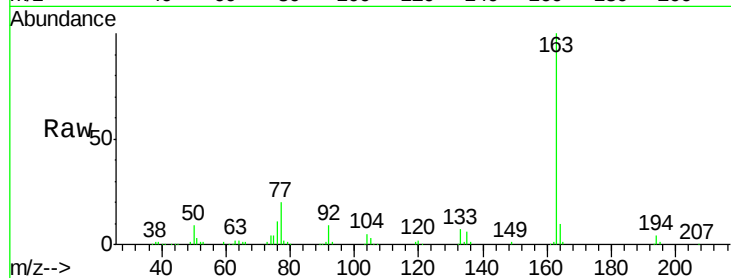
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	163	Resp:	405986
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#50

2,6-Dinitrotoluene

Concen: 9.539 ng

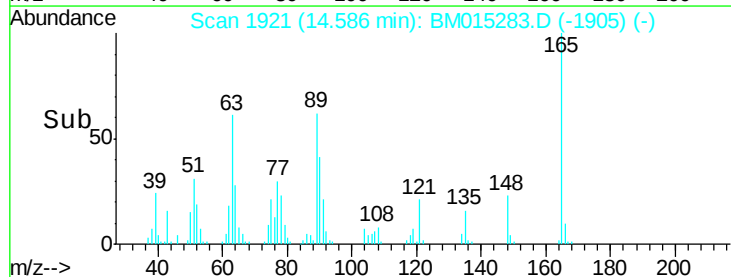
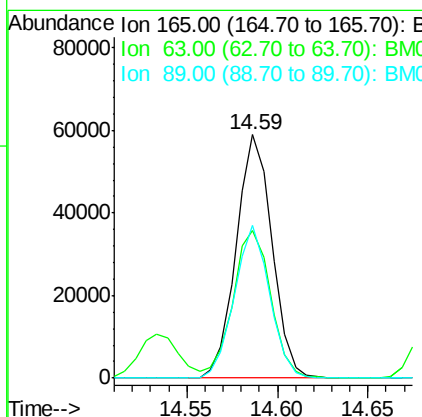
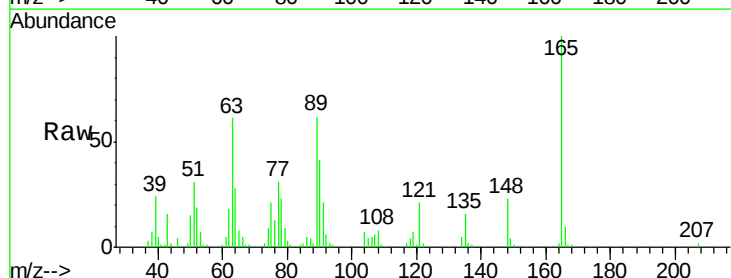
RT: 14.59 min Scan# 1921

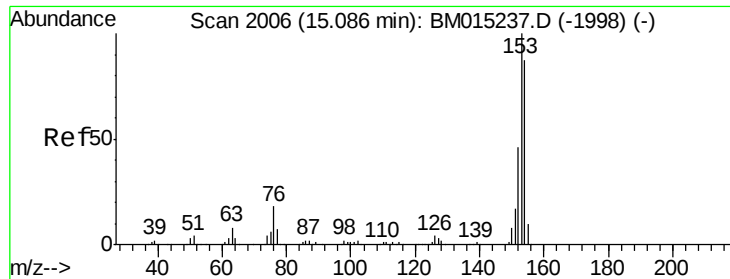
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	165	Resp:	81043
Ion Ratio	Lower	Upper	
165	100		
63	60.8	44.1	66.1
89	62.5	44.3	66.5





#51

Acenaphthene

Concen: 9.638 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

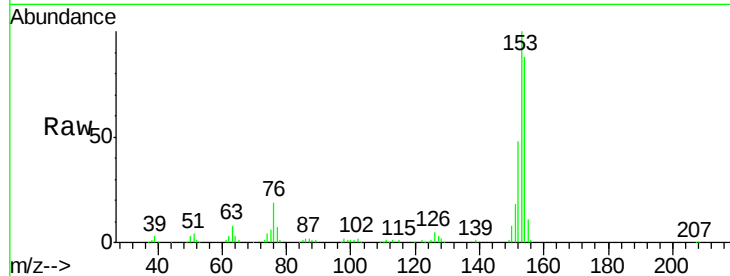
ClientSampleId :

LOQ-NPW-Precision-Bias-4

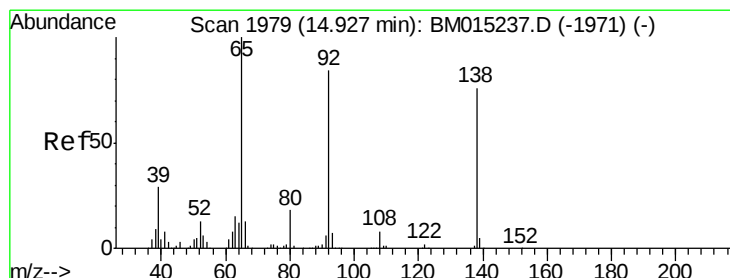
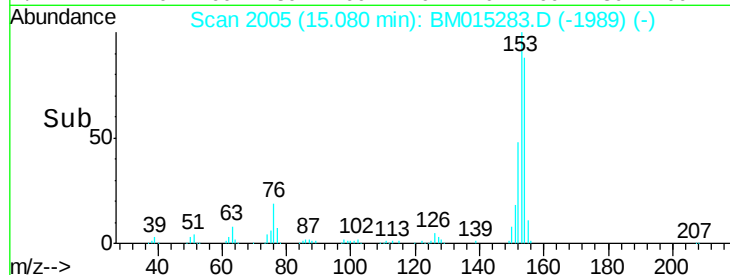
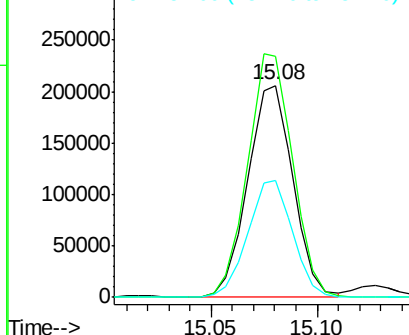
Tot Ion:	154	Resp:	306421
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.0	135.0
152	54.9	42.6	63.8

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.267 ng

RT: 14.92 min Scan# 1977

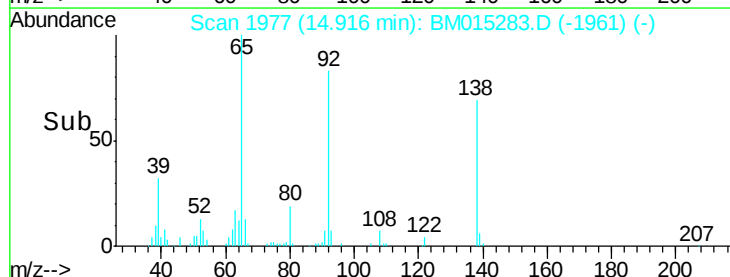
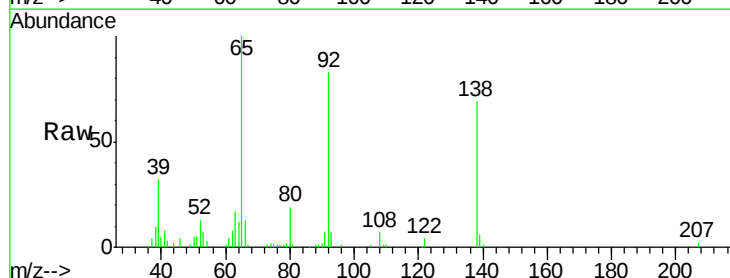
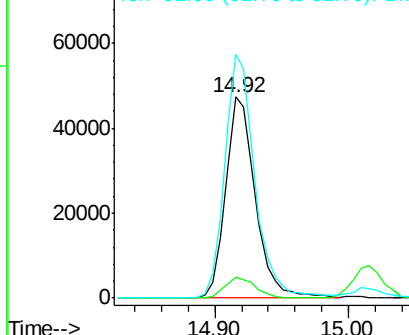
Delta R.T. -0.01 min

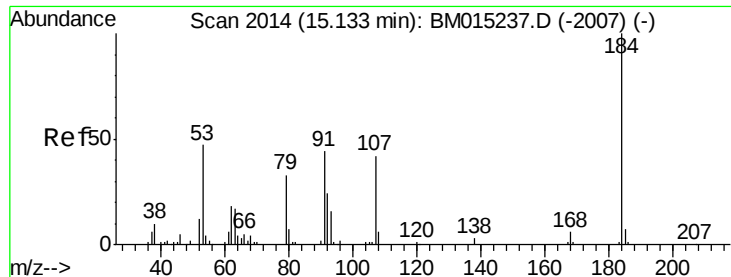
Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	138	Resp:	73958
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.3	10.9
92	121.2	76.6	114.8#

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): BM





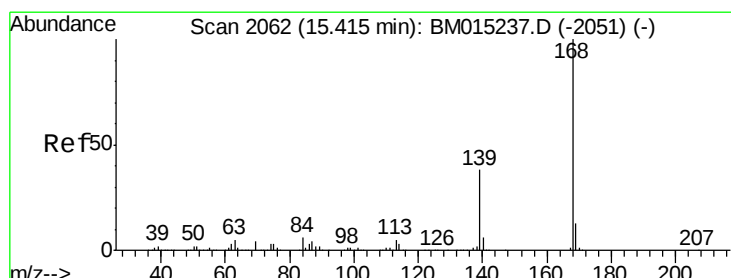
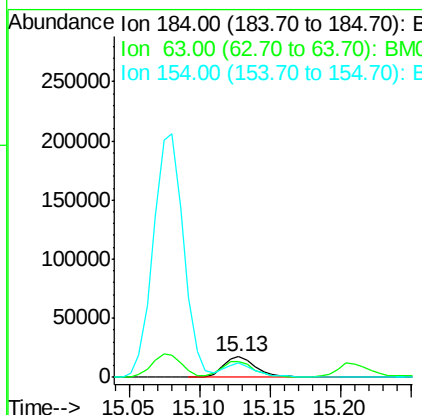
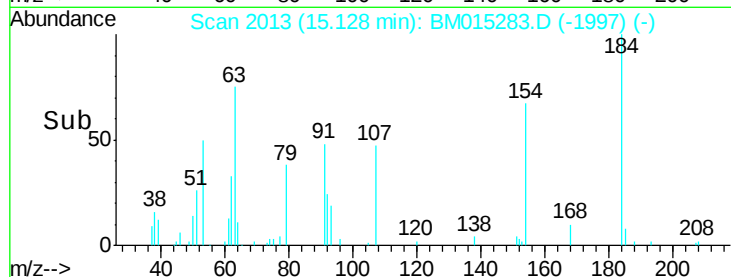
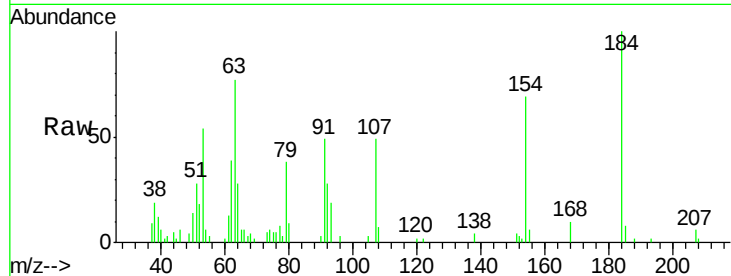
#53
2,4-Dinitrophenol
Concen: 11.863 ng
RT: 15.13 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
184	100	29400		
63	76.7	69.2	103.8	
154	69.3	53.3	79.9	

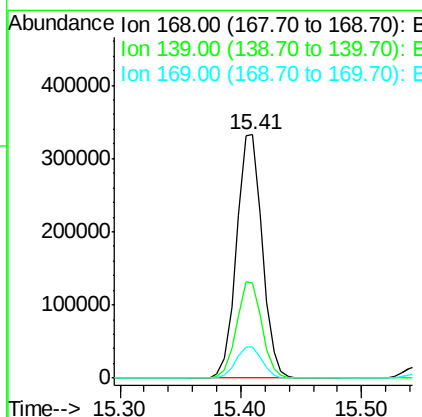
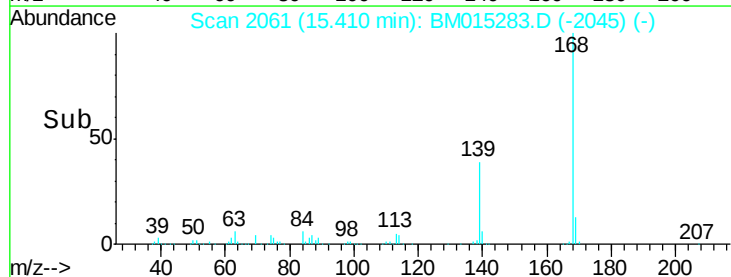
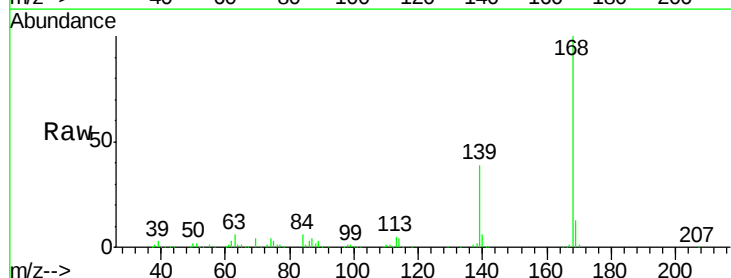
Manual Integrations
APPROVED

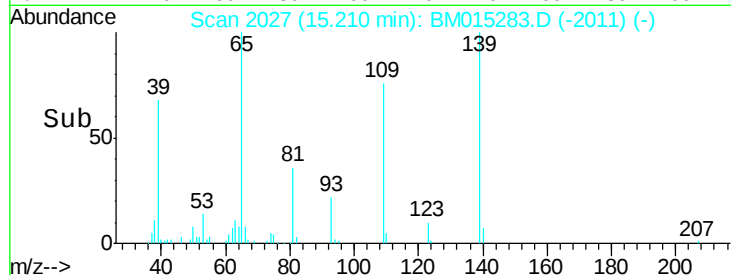
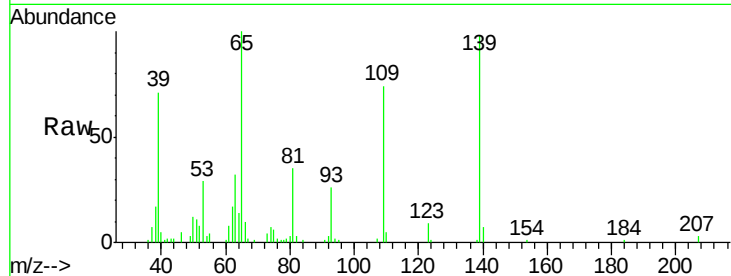
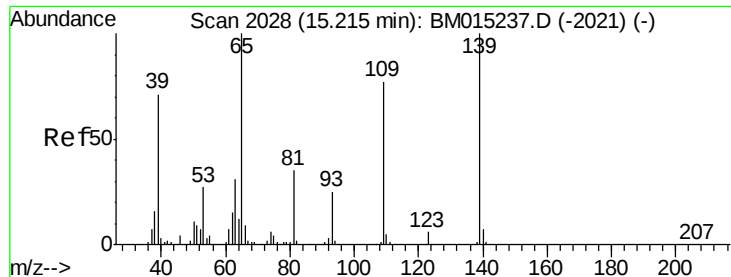
Sohil
5/24/2018 11:02:46 AM



#54
Dibenzofuran
Concen: 9.832 ng
RT: 15.41 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	492853		
139	39.1	27.3	40.9	
169	13.0	10.6	16.0	





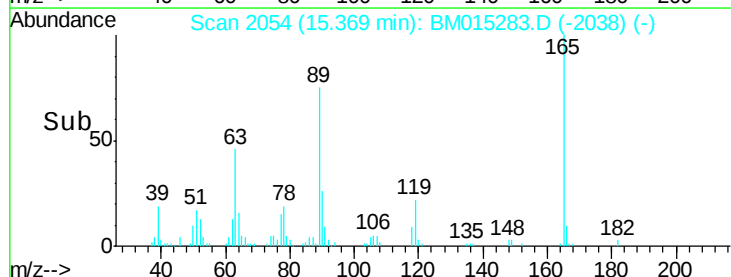
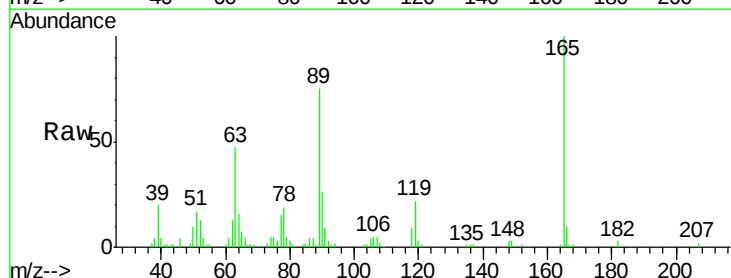
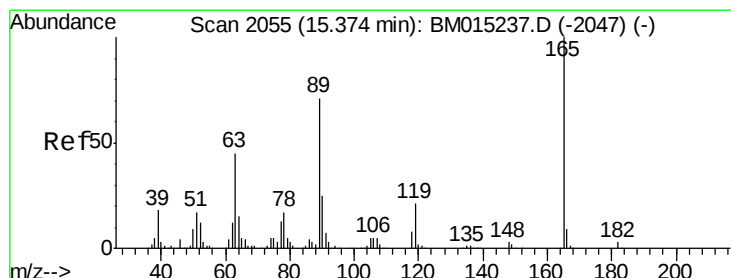
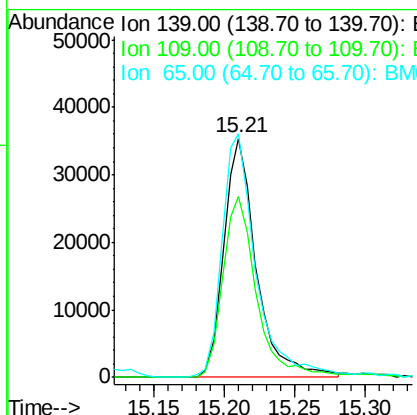
#55
4-Nitrophenol
Concen: 7.820 ng
RT: 15.21 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion:139 Resp: 56740
Ion Ratio Lower Upper
139 100
109 75.9 130.0 170.0#
65 102.0 130.0 170.0#

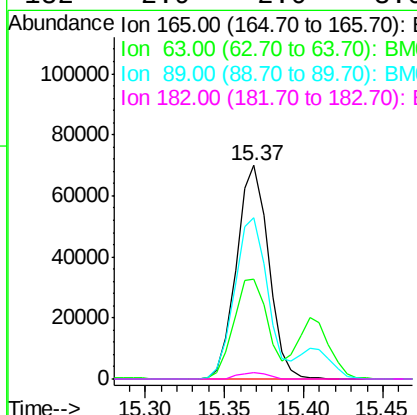
Manual Integrations
APPROVED

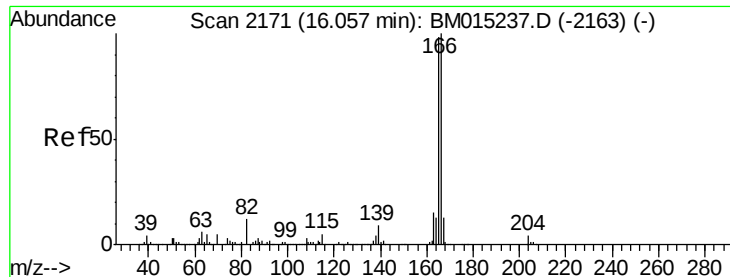
Sohil
5/24/2018 11:02:46 AM



#56
2,4-Dinitrotoluene
Concen: 8.472 ng
RT: 15.37 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion:165 Resp: 98557
Ion Ratio Lower Upper
165 100
63 46.7 52.4 78.6#
89 75.3 72.4 108.6
182 2.9 2.0 3.0





#57

Fluorene

Concen: 9.682 ng

RT: 16.05 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

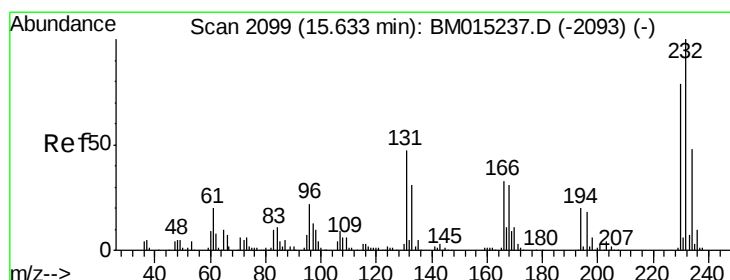
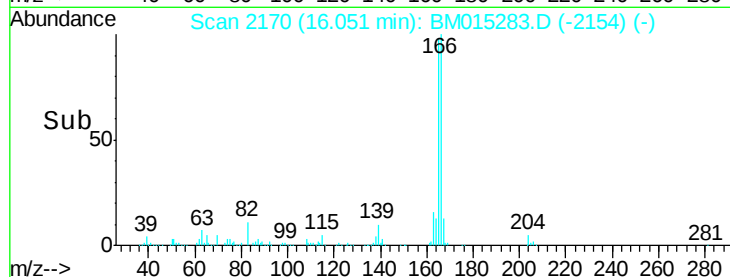
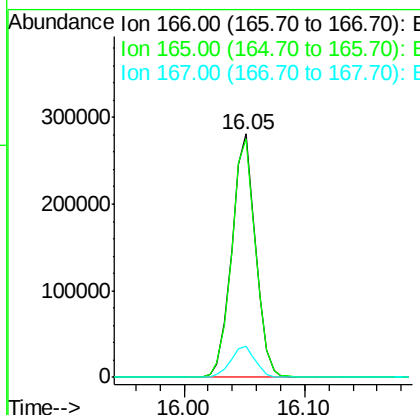
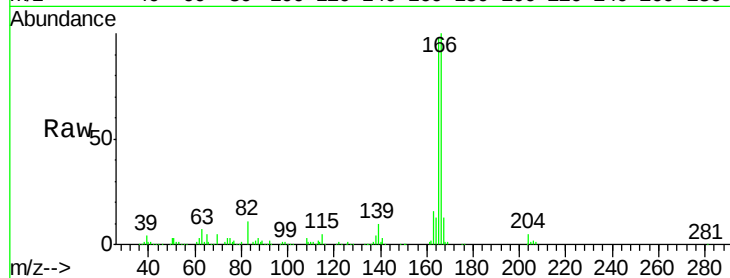
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	166	Resp:	383548
Ion Ratio	Lower	Upper	
166	100		
165	97.9	79.0	118.4
167	12.6	10.3	15.5

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.151 ng

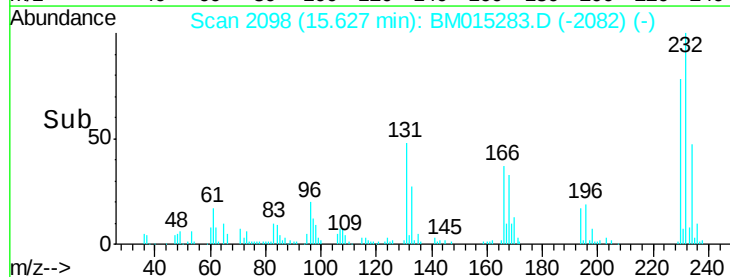
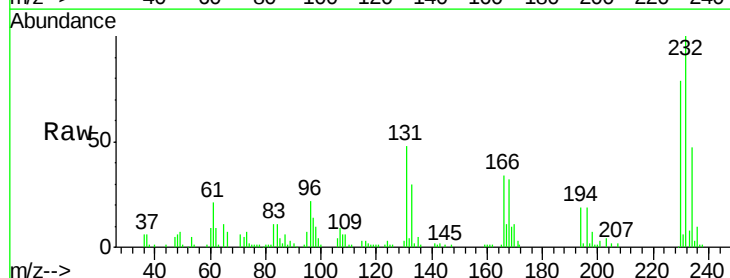
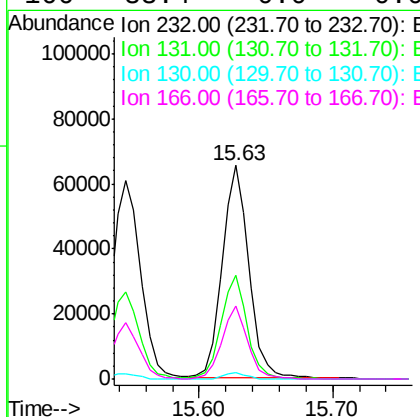
RT: 15.63 min Scan# 2098

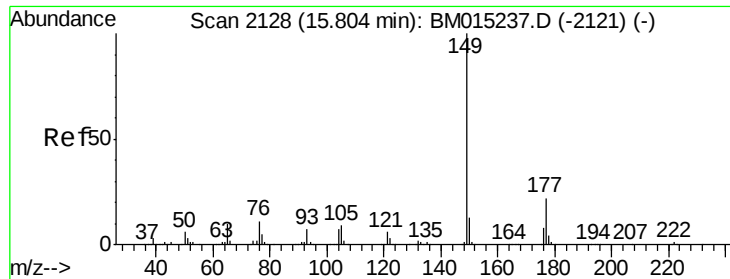
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	232	Resp:	91521
Ion Ratio	Lower	Upper	
232	100		
131	47.9	0.0	0.0#
130	2.4	0.0	0.0#
166	33.4	0.0	0.0#





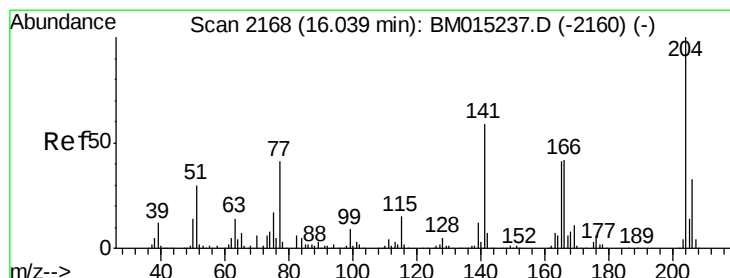
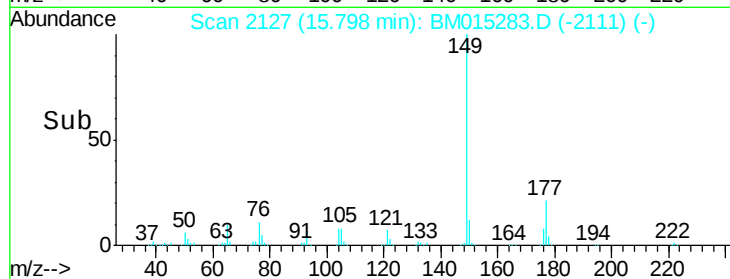
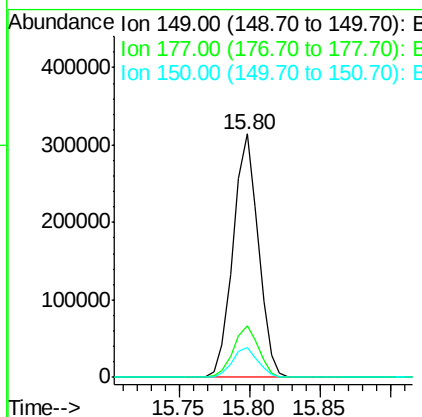
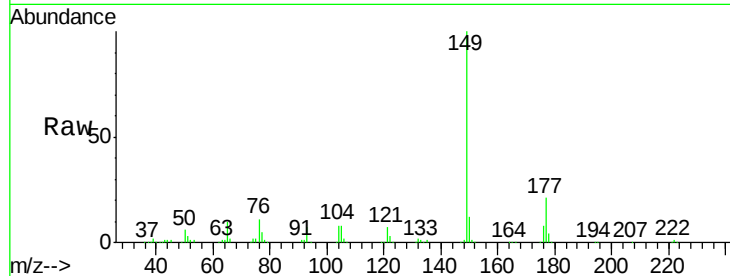
#59
Diethylphthalate
Concen: 9.759 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
149	100	391741		
177	21.3	18.3	27.5	
150	12.3	9.8	14.8	

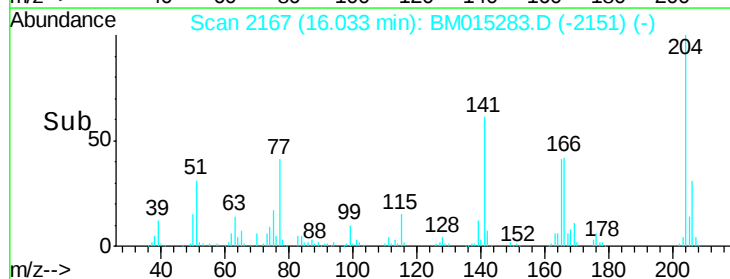
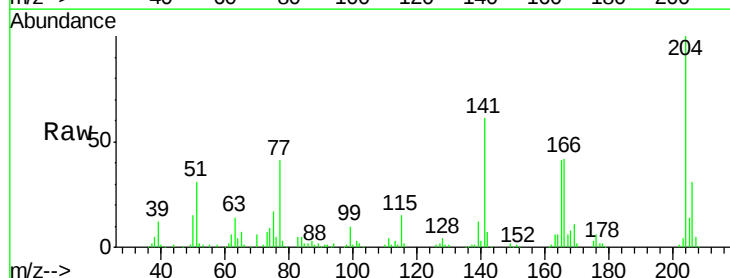
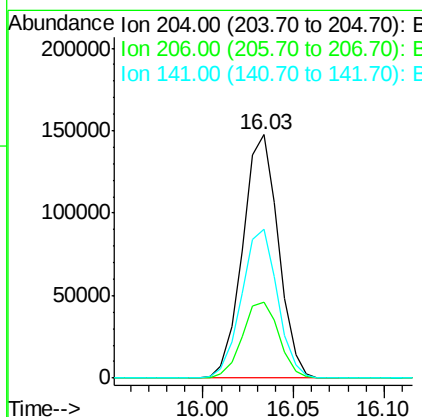
Manual Integrations
APPROVED

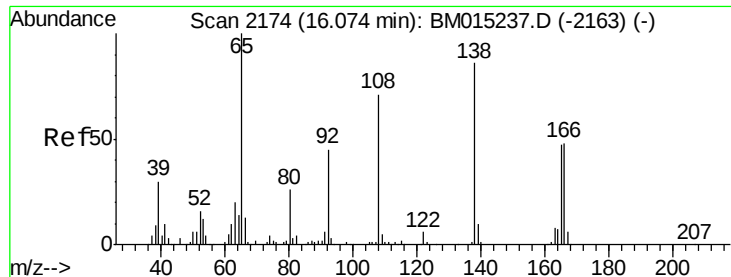
Sohil
5/24/2018 11:02:46 AM



#60
4-Chlorophenyl-phenylether
Concen: 9.993 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	201637		
206	31.4	26.6	39.8	
141	60.9	45.2	67.8	





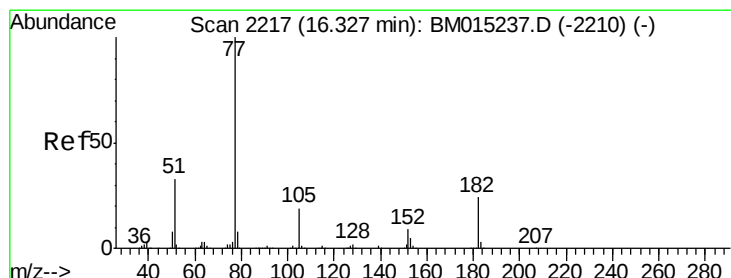
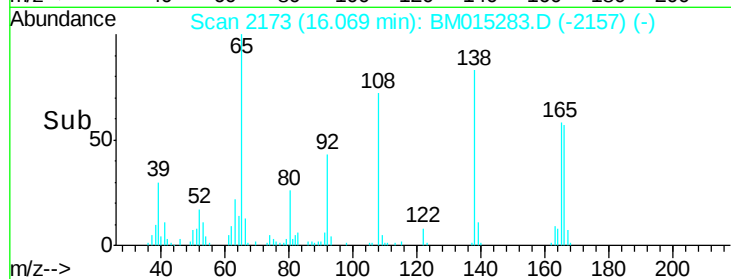
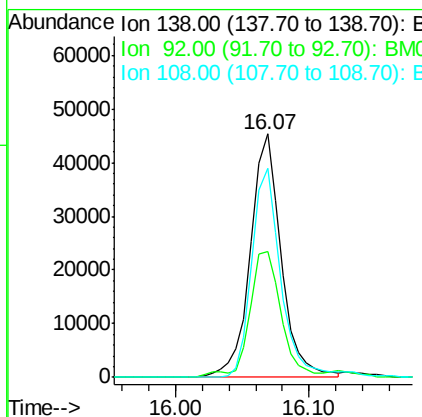
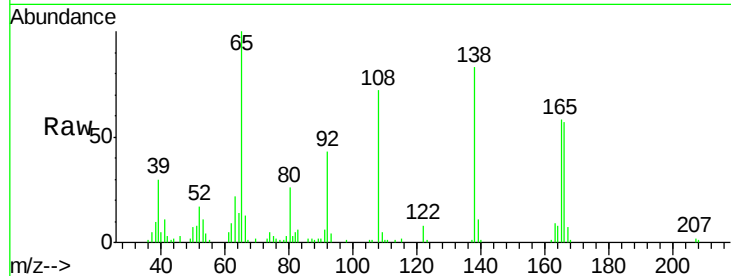
#61
4-Nitroaniline
Concen: 7.696 ng
RT: 16.07 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.5	16.7	56.7
108	85.9	37.6	77.6

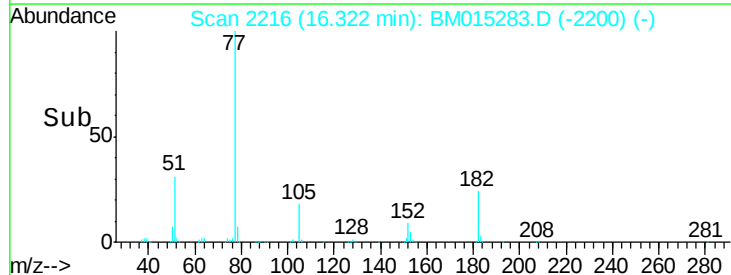
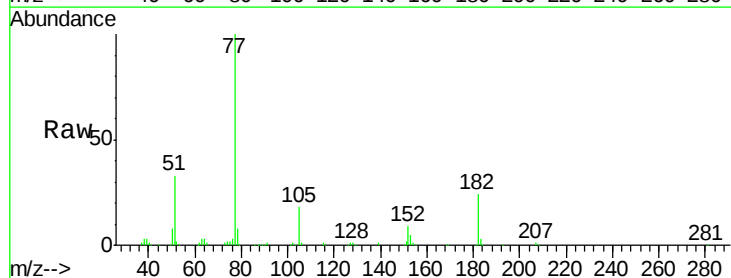
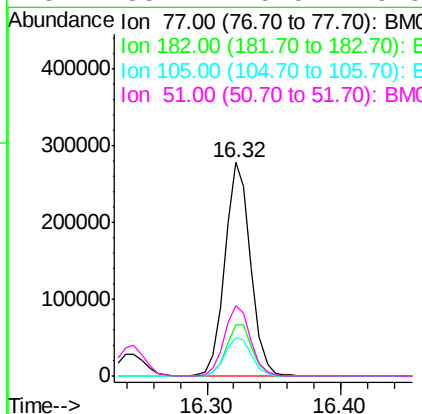
Manual Integrations
APPROVED

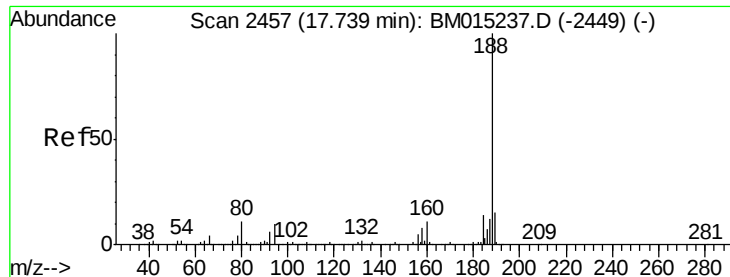
Sohil
5/24/2018 11:02:46 AM



#62
Azobenzene
Concen: 9.758 ng
RT: 16.32 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	6.5	46.5
105	18.0	3.8	43.8
51	33.2	5.5	45.5





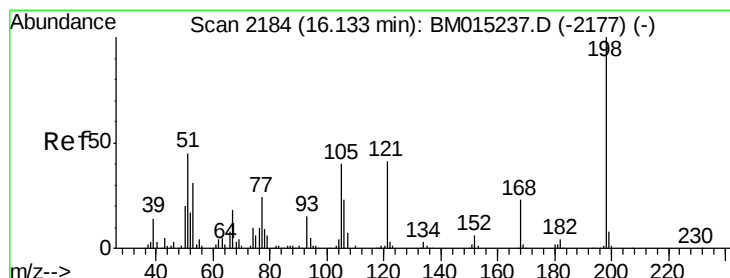
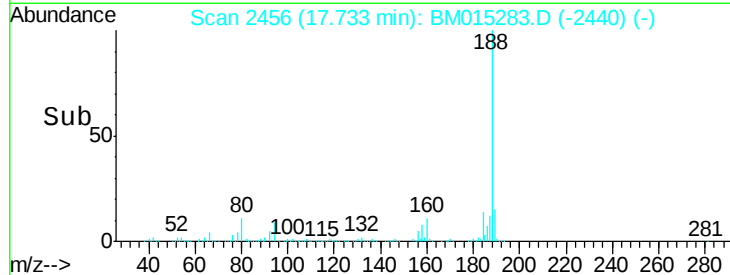
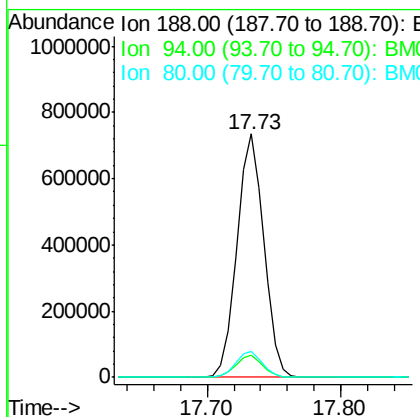
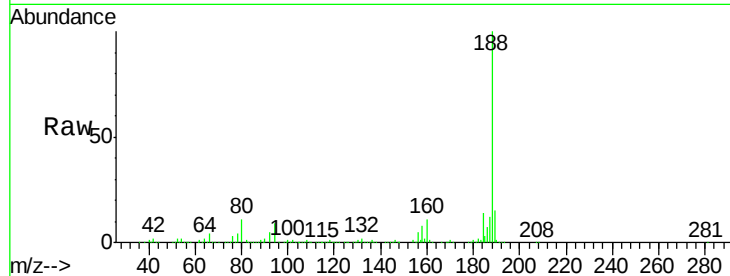
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	10.8	9.3	13.9

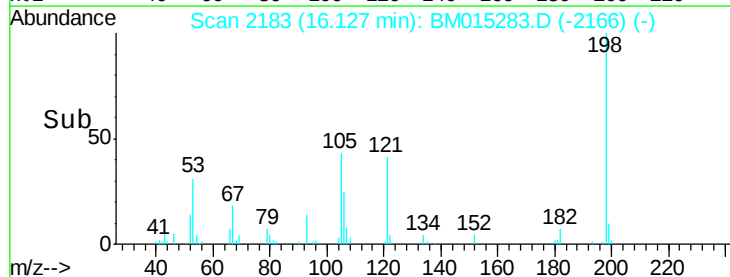
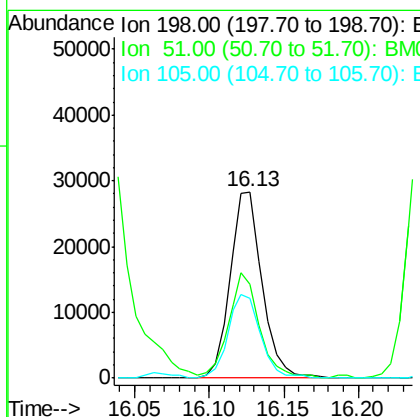
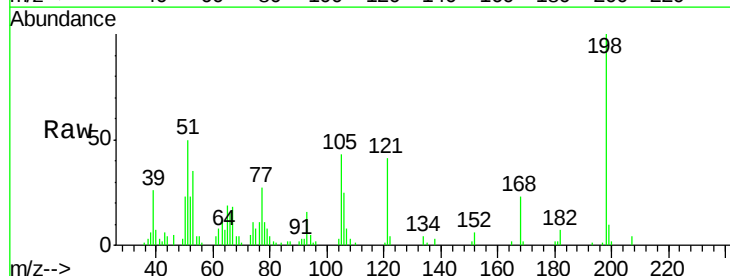
Manual Integrations
APPROVED

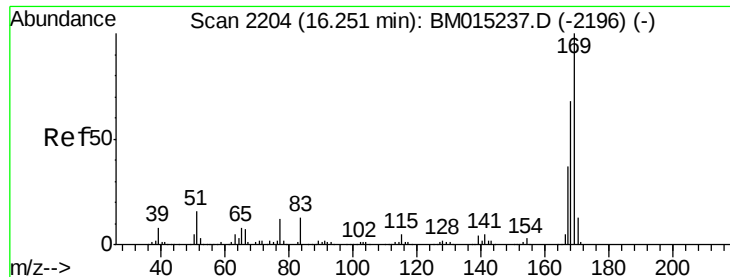
Sohil
5/24/2018 11:02:46 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 7.496 ng
RT: 16.13 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.0	28.8	68.8
105	42.9	30.5	70.5





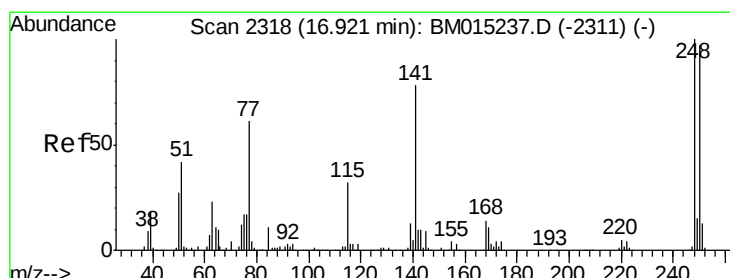
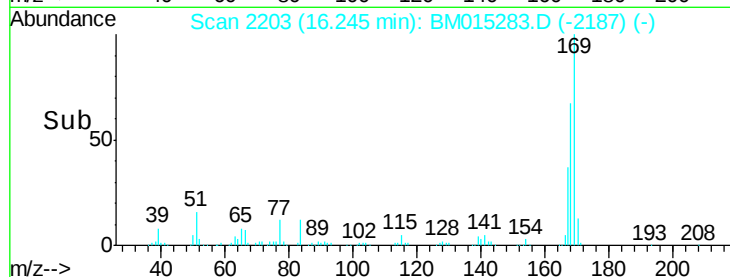
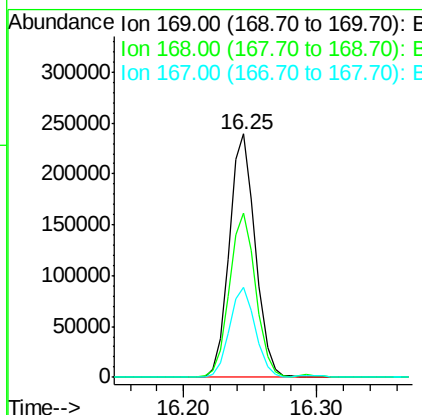
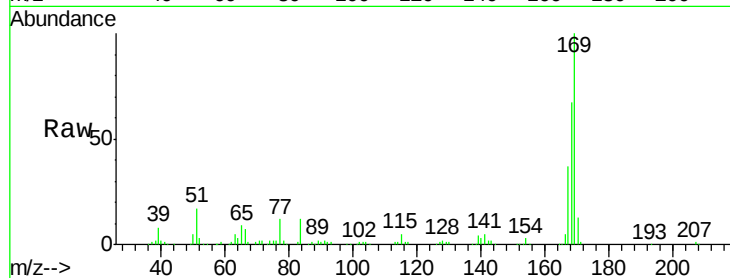
#65
n-Nitrosodiphenylamine
Concen: 9.934 ng
RT: 16.25 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
169	100	326729		
168	67.3		53.9	80.9
167	36.8		28.9	43.3

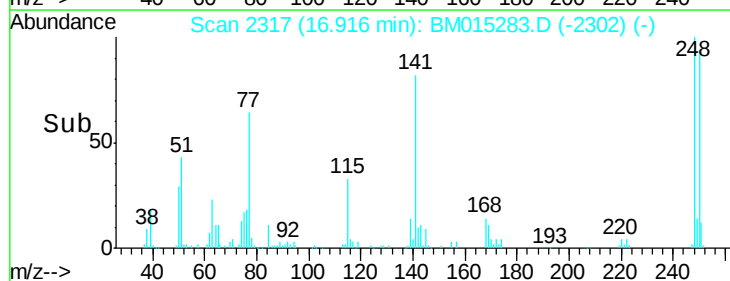
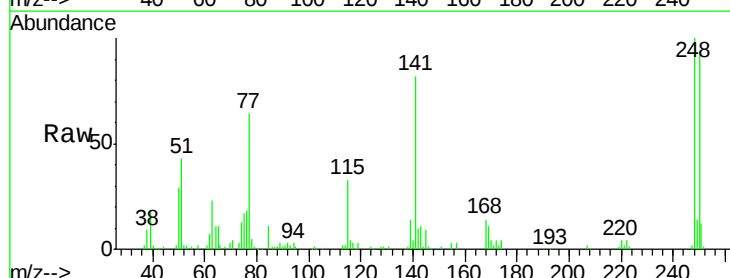
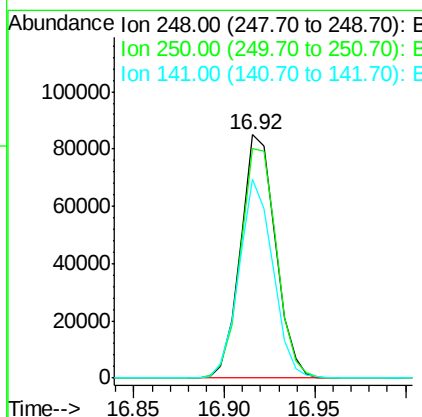
Manual Integrations
APPROVED

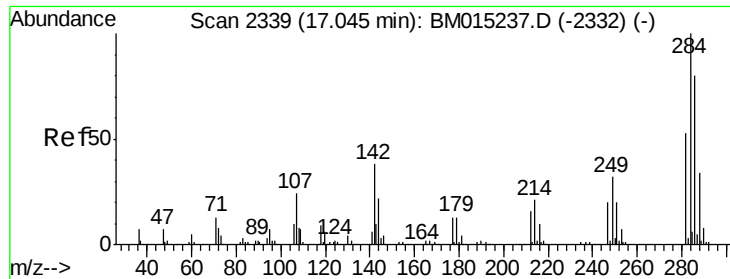
Sohil
5/24/2018 11:02:46 AM



#66
4-Bromophenyl-phenylether
Concen: 9.974 ng
RT: 16.92 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	114071		
250	94.3		77.4	116.0
141	81.8		45.2	67.8#





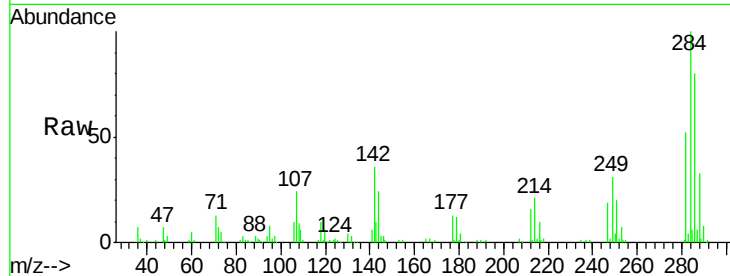
#67
Hexachlorobenzene
Concen: 9.981 ng
RT: 17.04 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

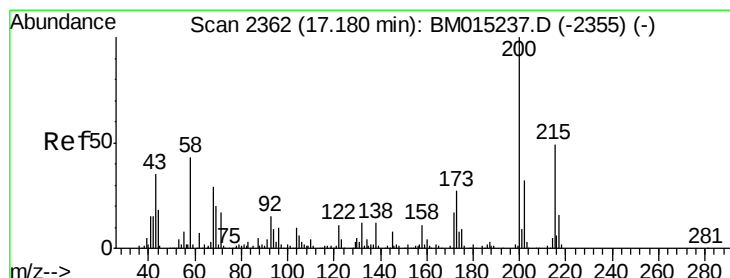
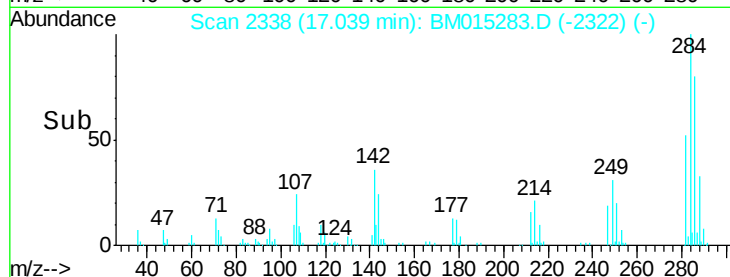
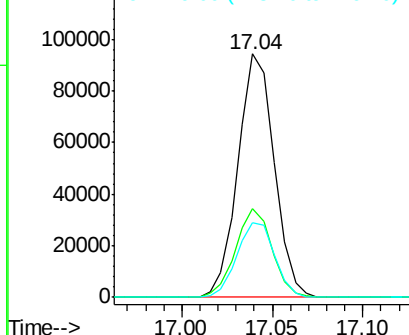
Tot Ion	Ratio	Resp	Lower	Upper
284	100	131458		
142	36.3	20.4	30.6	
249	30.8	23.8	35.6	

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM

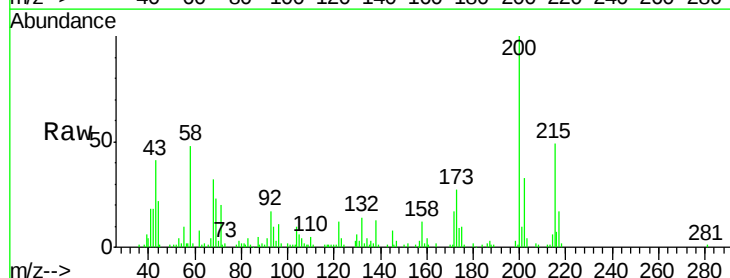


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

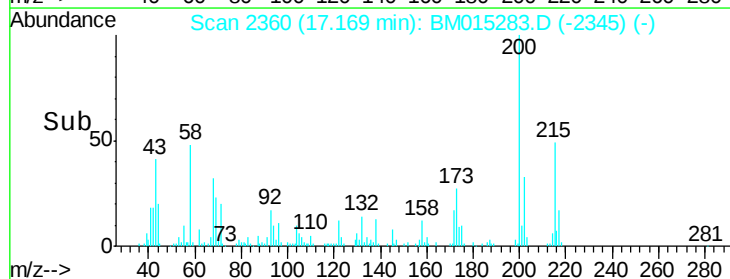
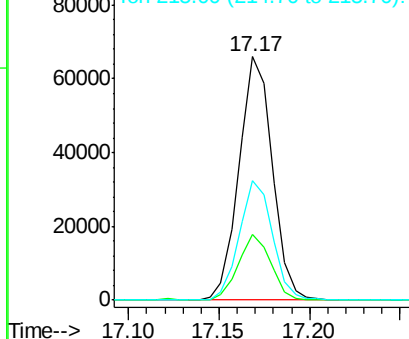


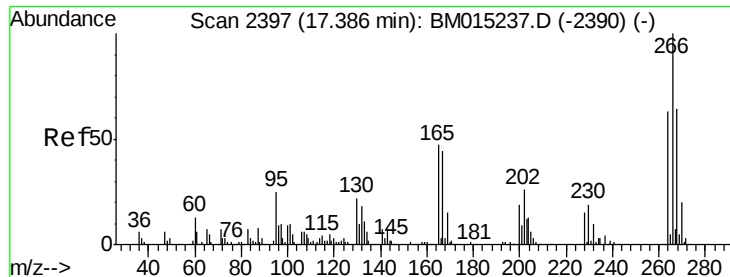
#68
Atrazine
Concen: 8.083 ng
RT: 17.17 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	84336		
173	27.1	4.8	44.8	
215	48.9	26.9	66.9	



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





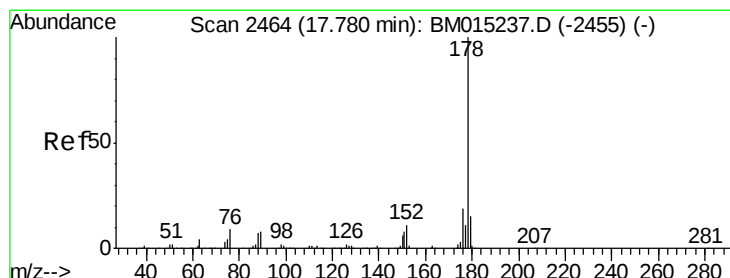
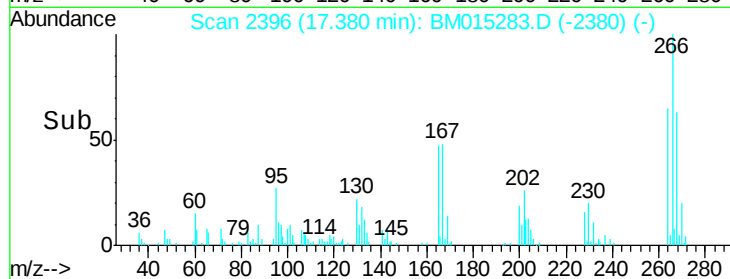
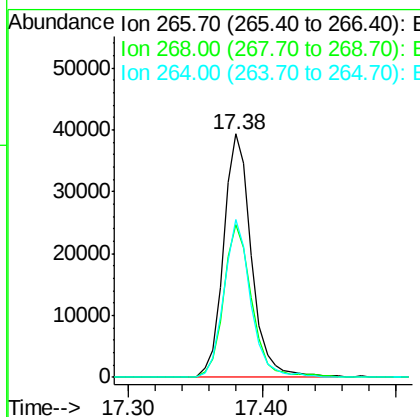
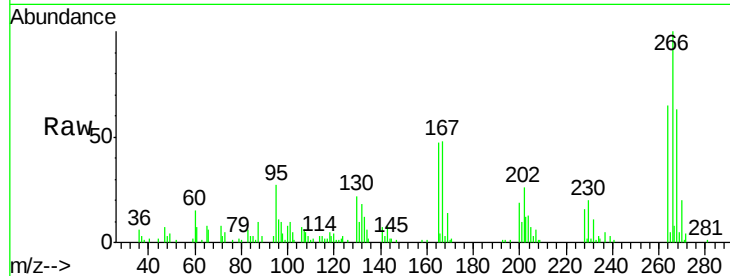
#69
 Pentachlorophenol
 Concen: 7.898 ng
 RT: 17.38 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.0	78.0
264	64.6	49.0	73.4

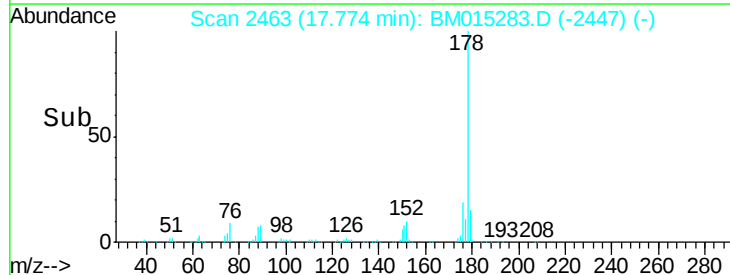
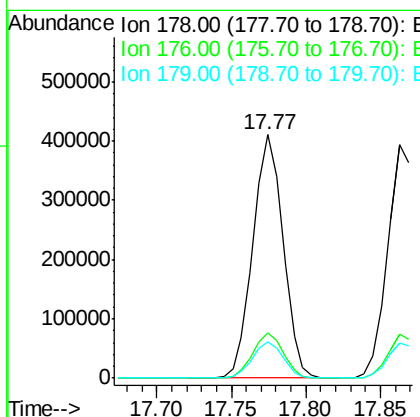
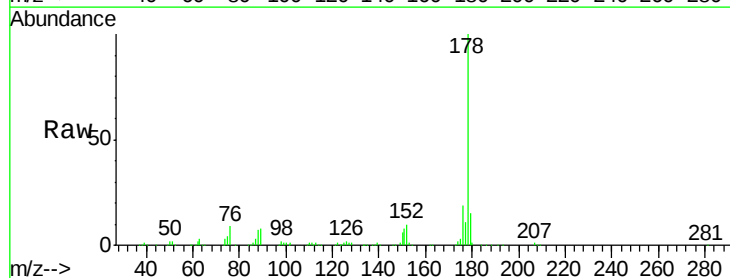
Manual Integrations
 APPROVED

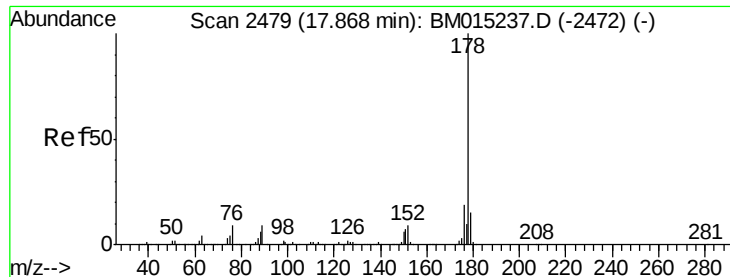
Sohil
 5/24/2018 11:02:46 AM



#70
 Phenanthrene
 Concen: 9.849 ng
 RT: 17.77 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	14.8	12.1	18.1





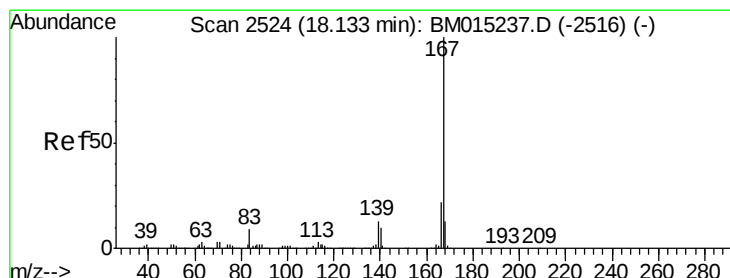
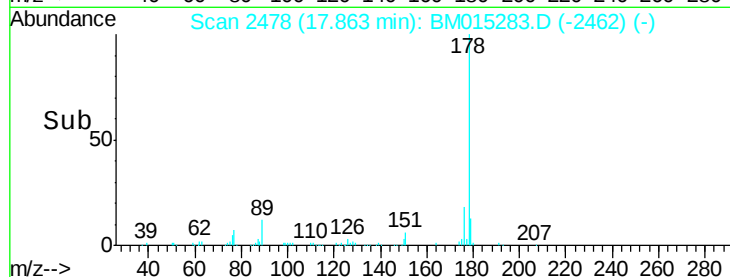
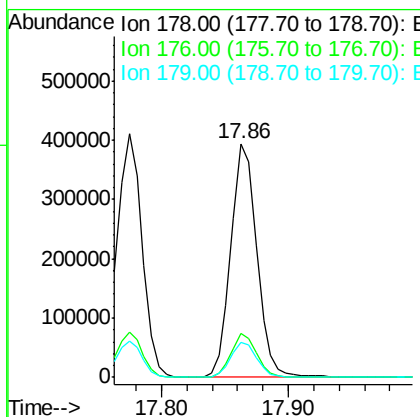
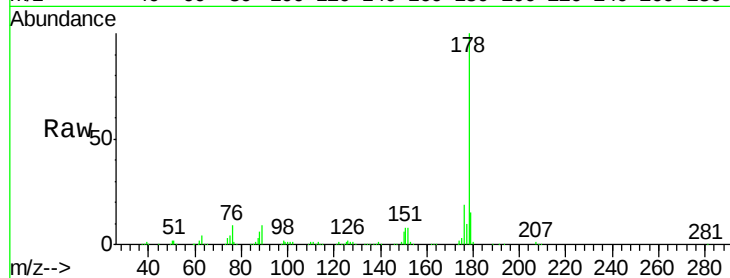
#71
 Anthracene
 Concen: 9.607 ng
 RT: 17.86 min Scan# 2478
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.1	12.6	19.0

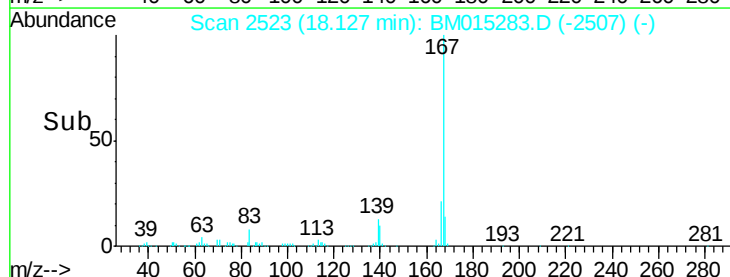
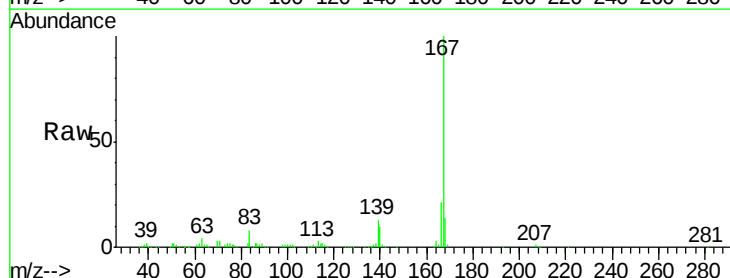
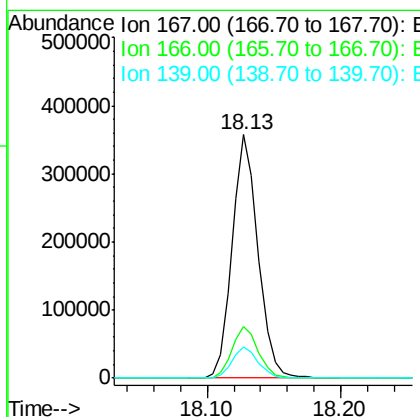
Manual Integrations
 APPROVED

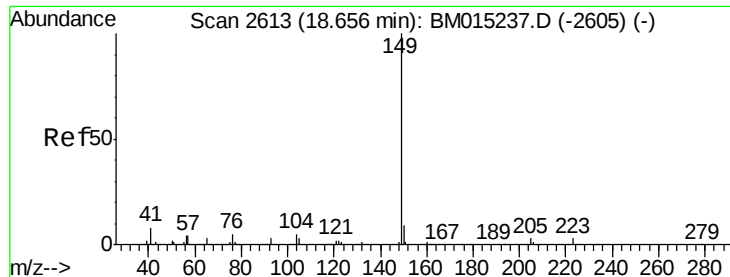
Sohil
 5/24/2018 11:02:46 AM



#72
 Carbazole
 Concen: 9.374 ng
 RT: 18.13 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 9.180 ng

RT: 18.65 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

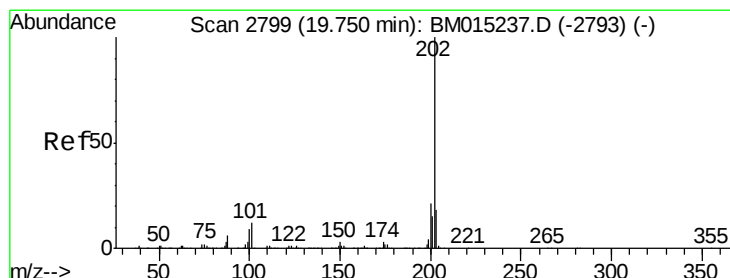
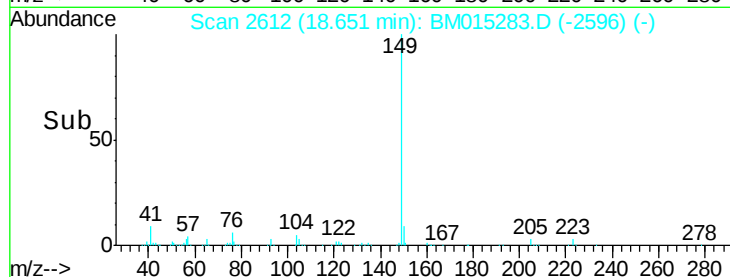
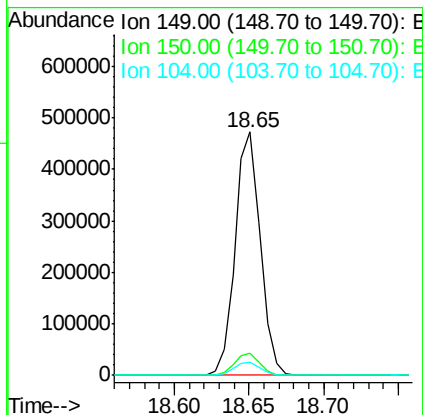
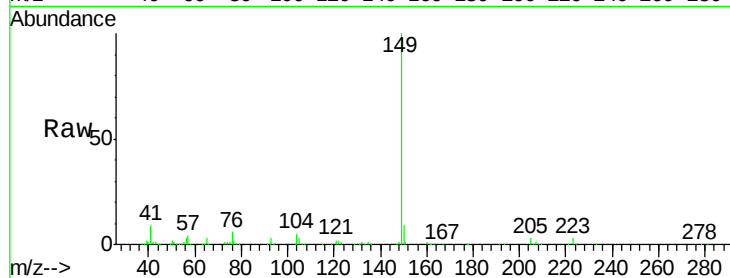
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	149	Resp:	556087
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	5.3	3.7	5.5

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#74

Fluoranthene

Concen: 9.116 ng

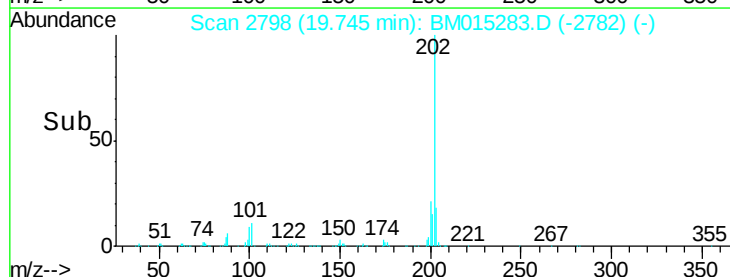
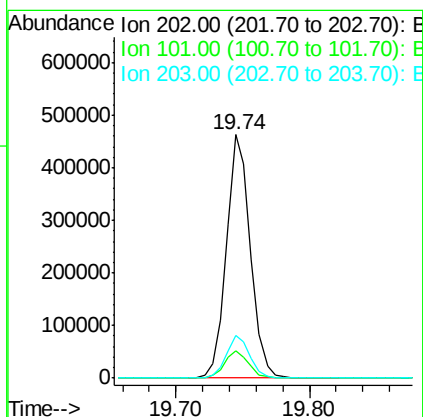
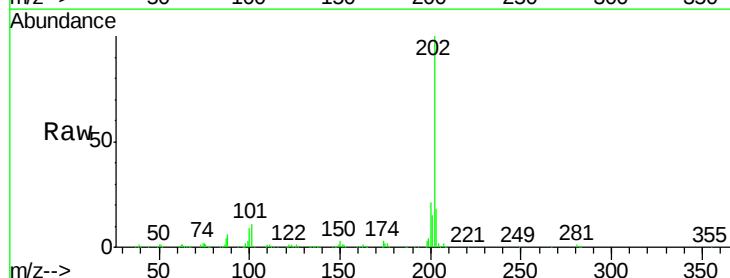
RT: 19.74 min Scan# 2798

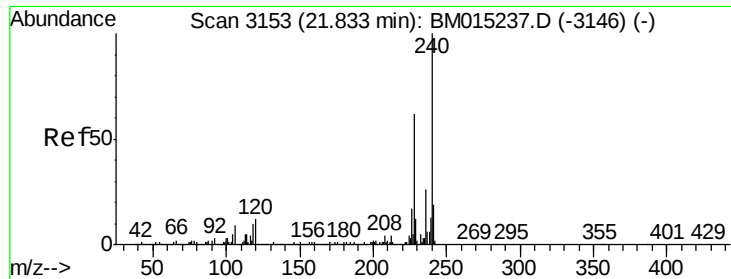
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	202	Resp:	582921
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	28.7
203	17.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

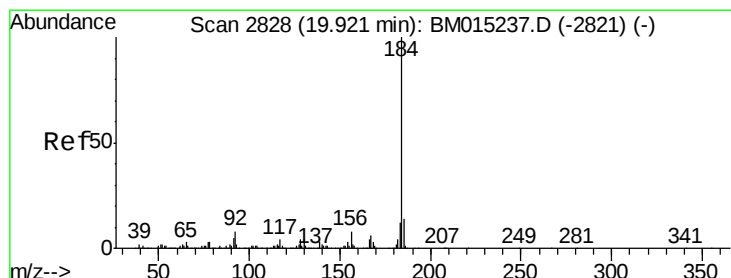
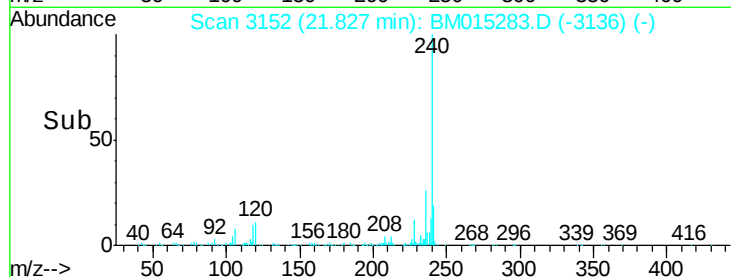
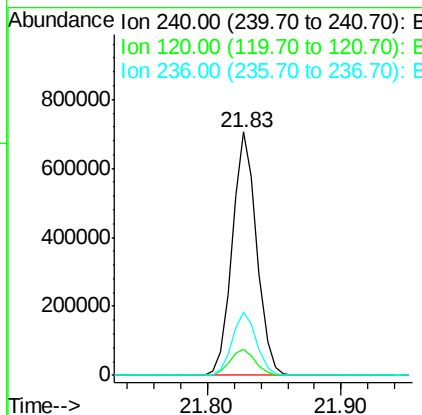
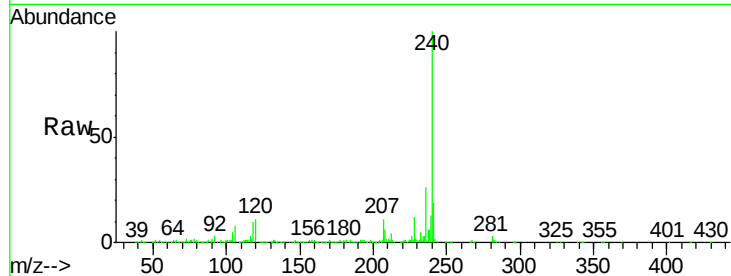
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	240	Resp:	898763
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.2	12.2
236	25.9	20.0	30.0

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#76

Benzidine

Concen: 5.119 ng

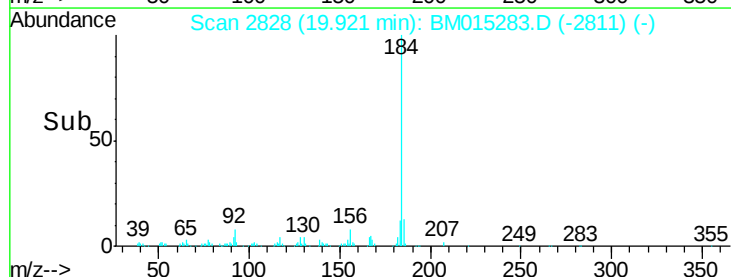
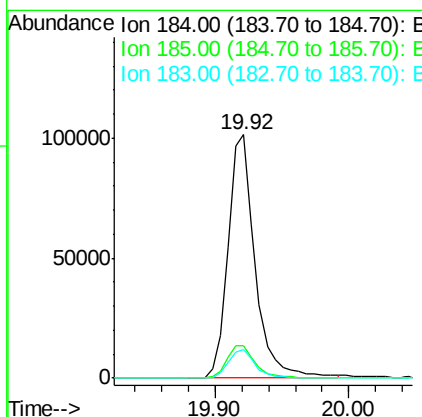
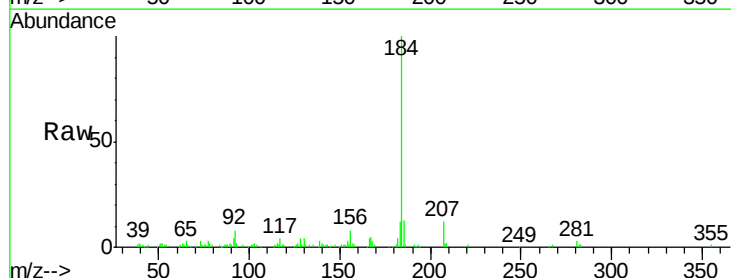
RT: 19.92 min Scan# 2828

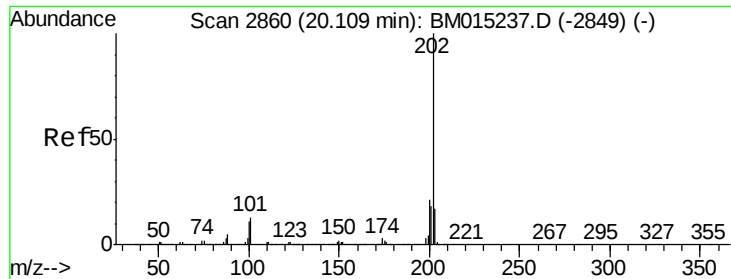
Delta R.T. 0.00 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	184	Resp:	144034
Ion Ratio	Lower	Upper	
184	100		
185	13.1	11.3	16.9
183	11.5	8.9	13.3





#77

Pvrene

Concen: 10.391 ng

RT: 20.10 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

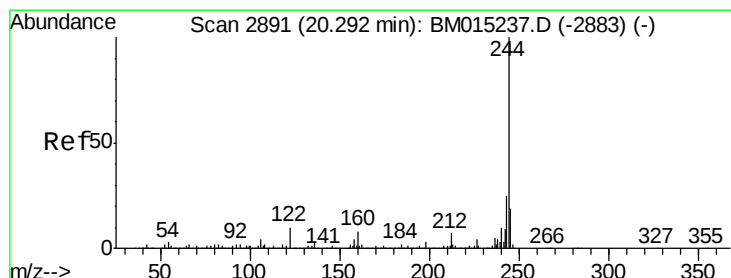
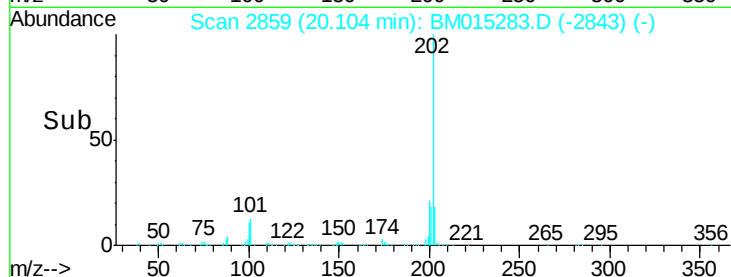
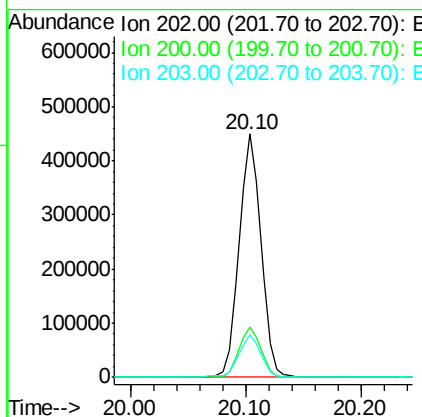
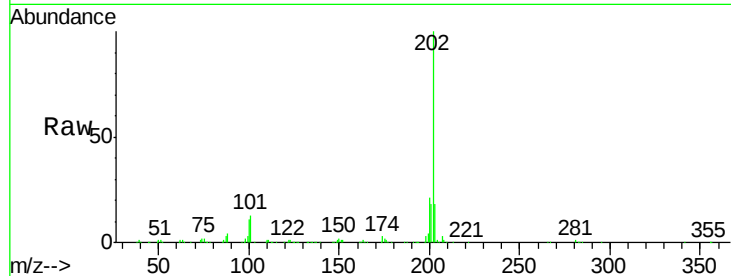
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	202	Resp:	589425
Ion Ratio		Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.6	14.1	21.1

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#78

Terphenyl-d14

Concen: 112.568 ng

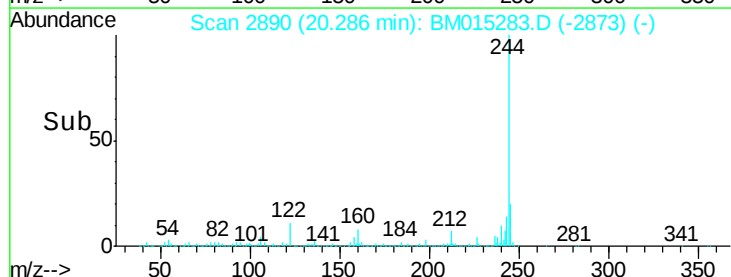
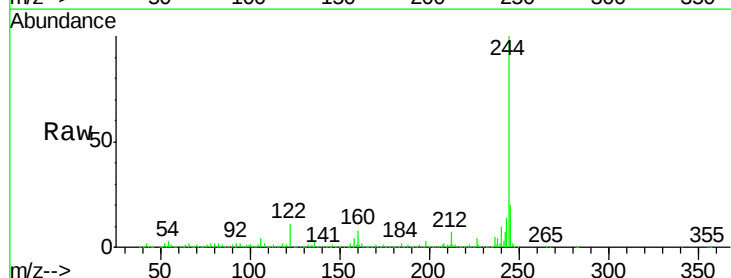
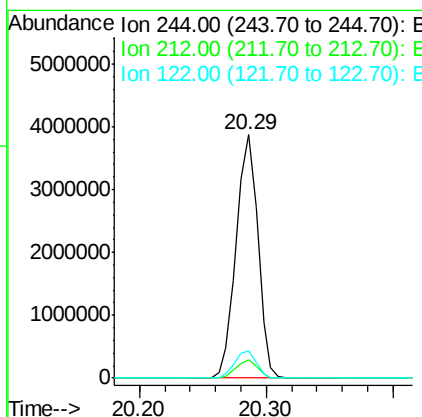
RT: 20.29 min Scan# 2890

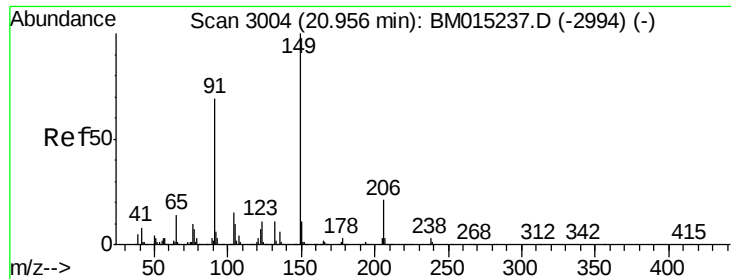
Delta R.T. 0.00 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	244	Resp:	4581621
Ion Ratio		Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	11.0	6.2	9.4#





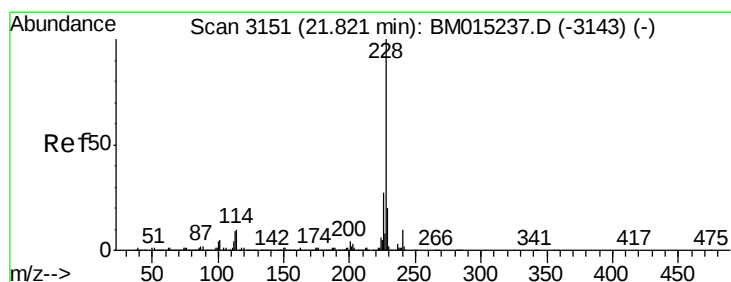
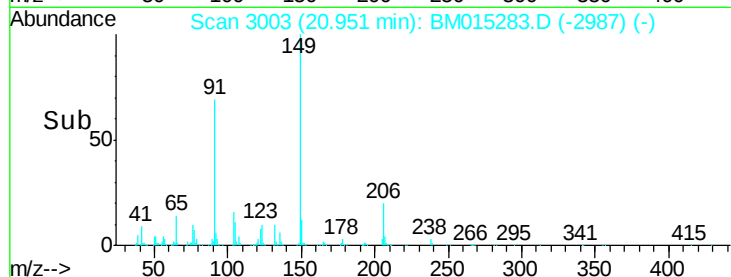
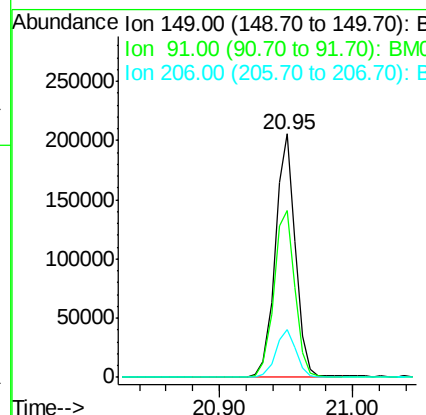
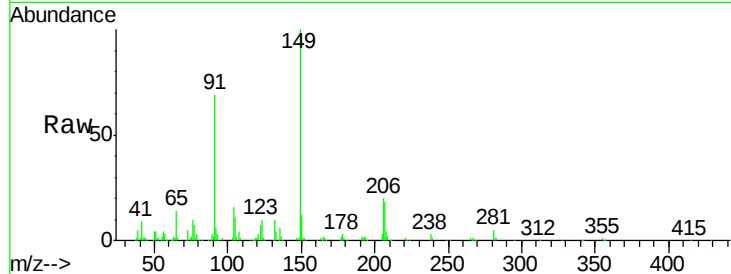
#79
Butylbenzylphthalate
Concen: 9.261 ng
RT: 20.95 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	50.1	75.1
206	19.8	16.2	24.2

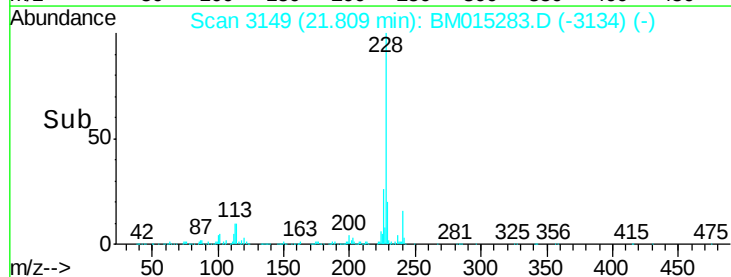
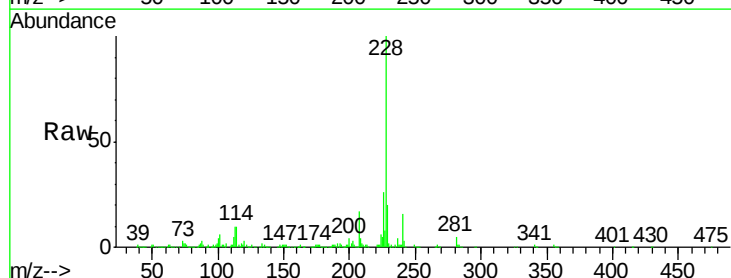
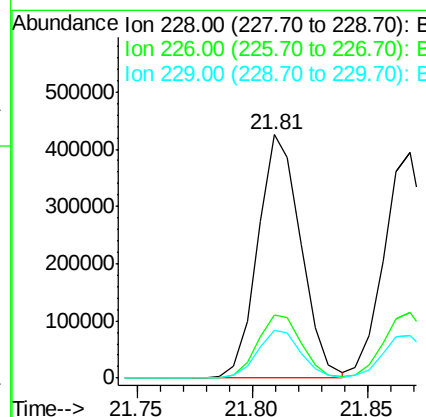
Manual Integrations
APPROVED

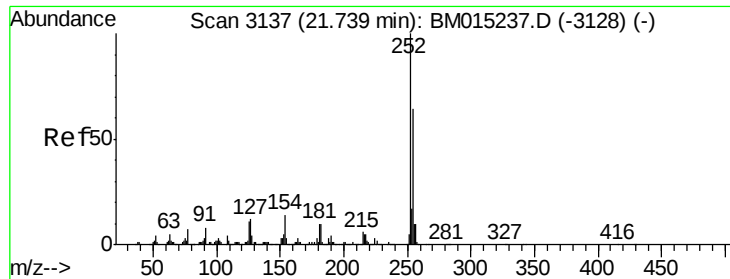
Sohil
5/24/2018 11:02:46 AM



#80
Benzo(a)anthracene
Concen: 9.718 ng
RT: 21.81 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	19.8	16.0	24.0





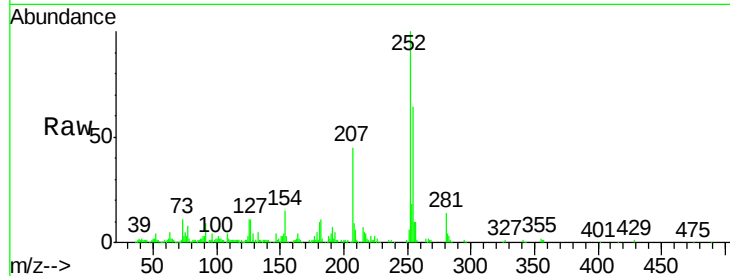
#81
 3,3'-Dichlorobenzidine
 Concen: 8.848 ng
 RT: 21.73 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-NPW-Precision-Bias-4

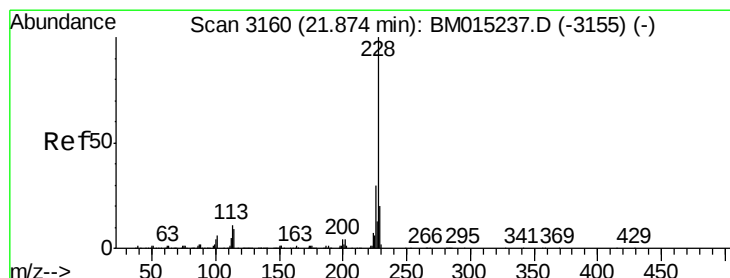
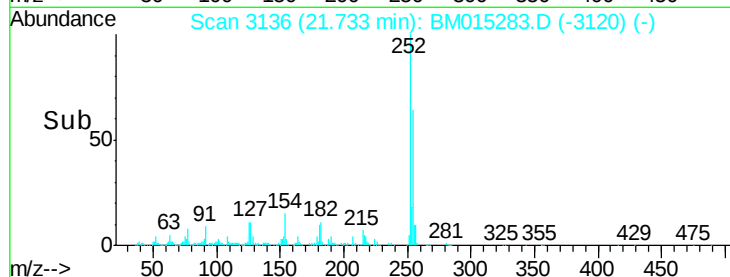
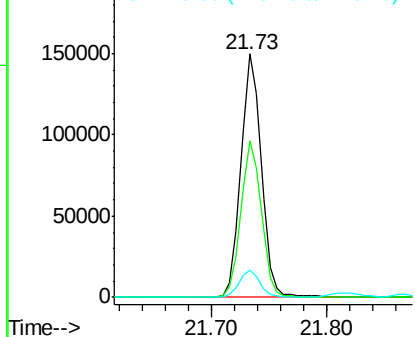
Tot Ion:	252	Resp:	185558
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.9	77.9
126	11.3	9.8	14.8

Manual Integrations
 APPROVED

Sohil
 5/24/2018 11:02:46 AM



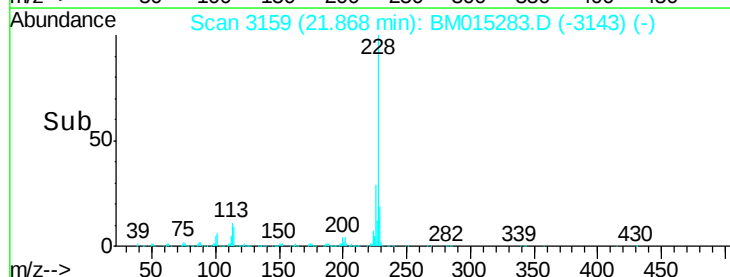
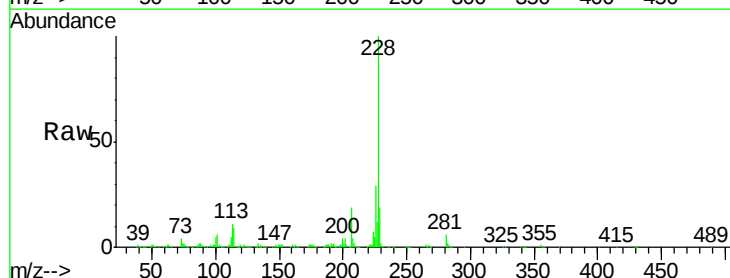
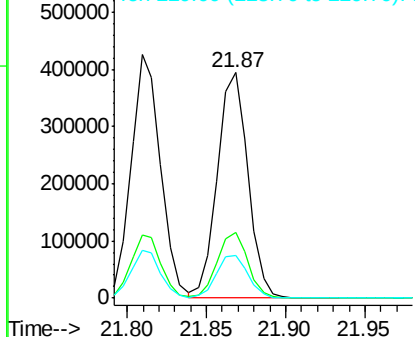
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

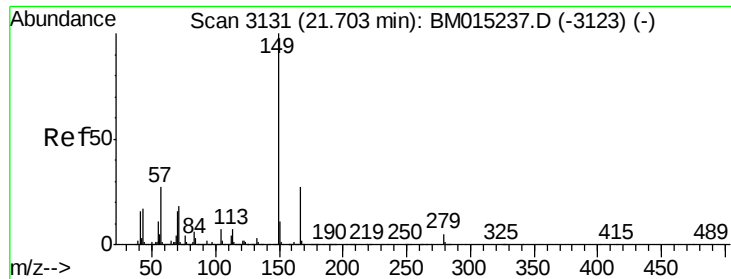


#82
 Chrysene
 Concen: 9.831 ng
 RT: 21.87 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:	228	Resp:	524395
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.1	36.1
229	19.1	15.5	23.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.148 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

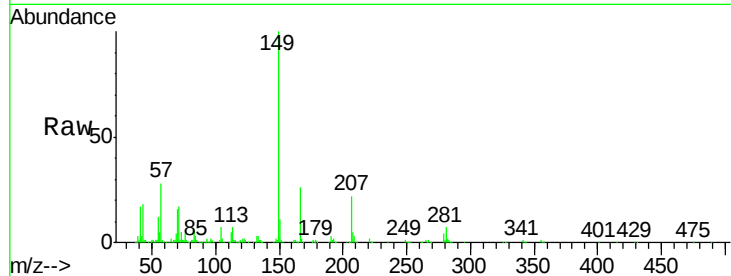
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	149	Resp:	308169
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.4	33.6
279	4.1	3.4	5.0

Manual Integrations
APPROVED

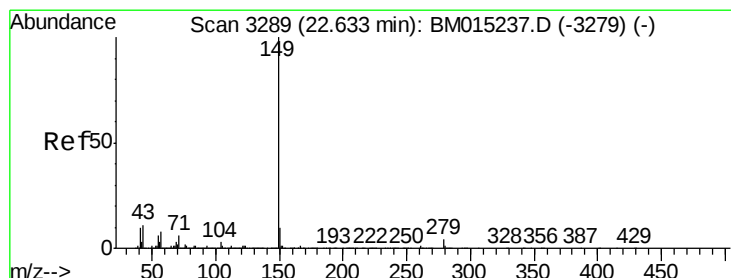
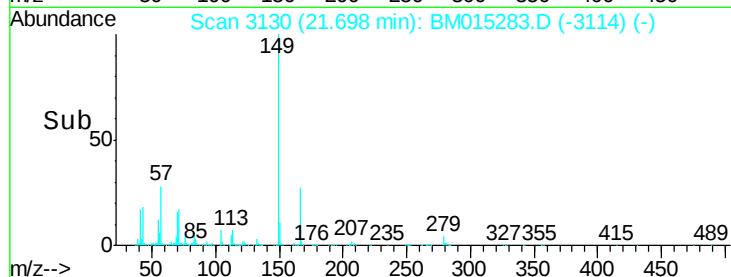
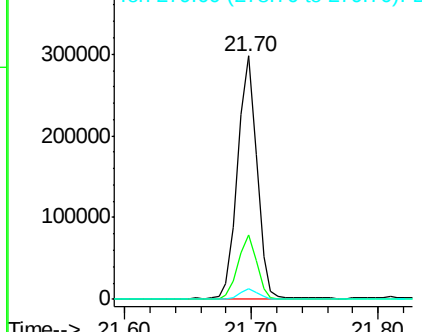
Sohil
5/24/2018 11:02:46 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 8.187 ng

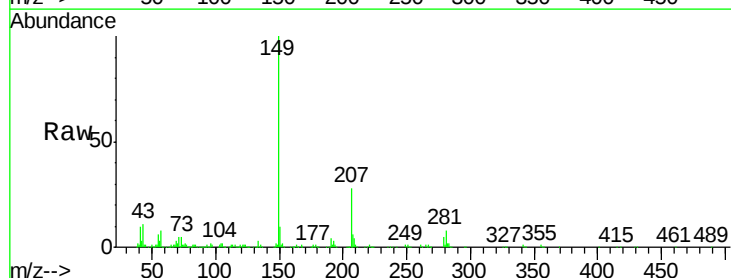
RT: 22.63 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

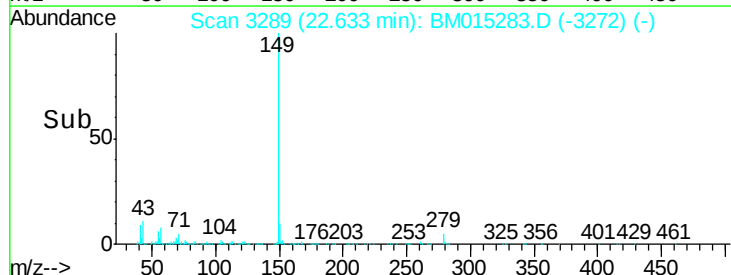
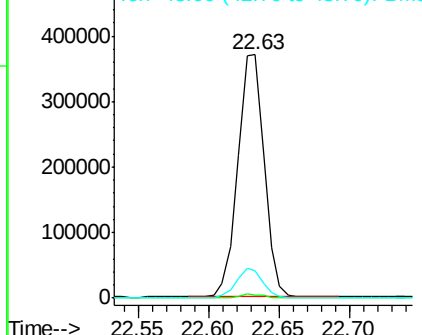
Tgt Ion:	149	Resp:	482417
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.0	7.3	10.9#

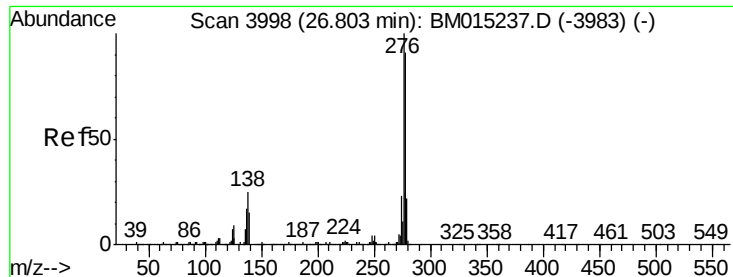


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





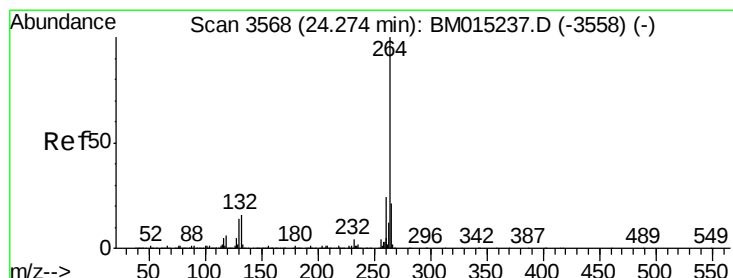
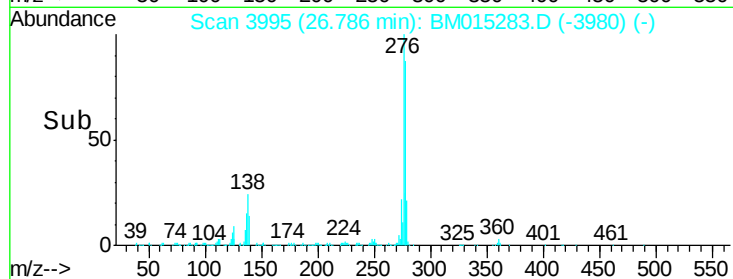
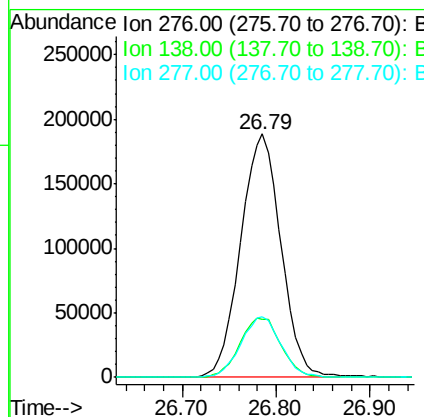
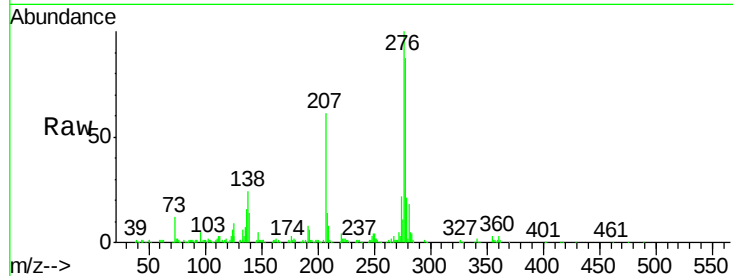
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.685 ng
RT: 26.79 min Scan# 3995
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	12.0	18.0#
277	24.9	20.0	30.0

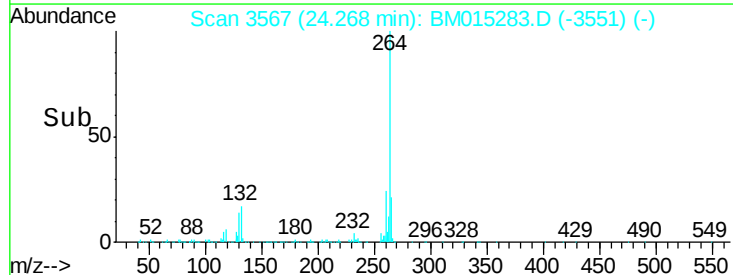
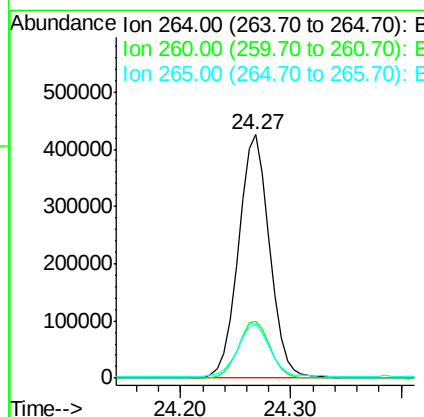
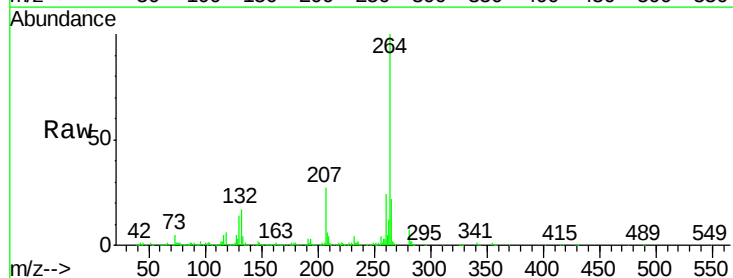
Manual Integrations
APPROVED

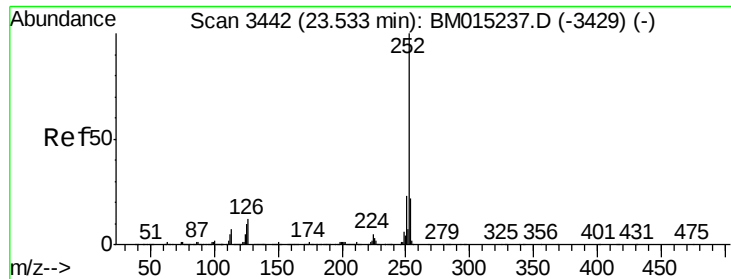
Sohil
5/24/2018 11:02:46 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 9.569 ng/mL

RT: 23.52 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

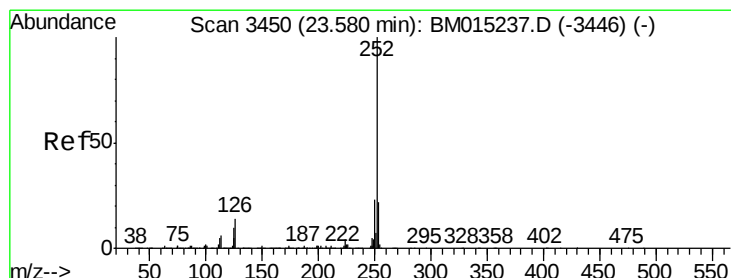
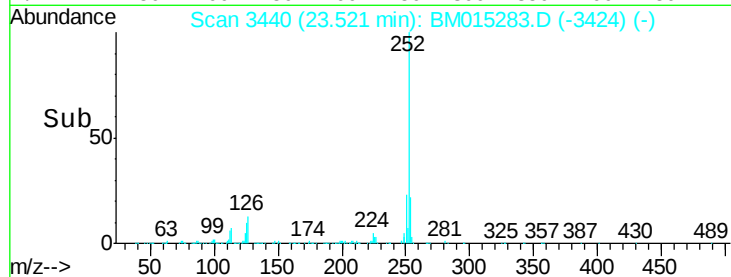
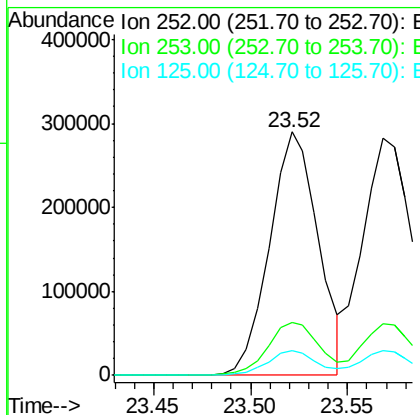
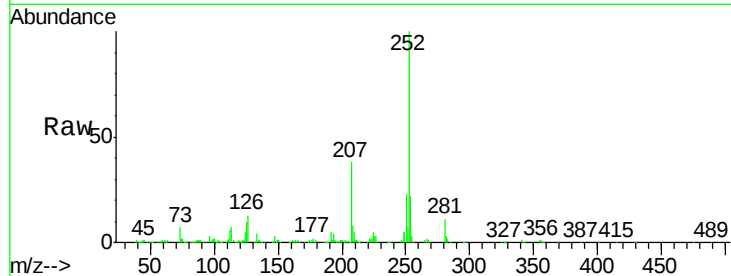
ClientSampleId :

LOQ-NPW-Precision-Bias-4

Tot Ion:	252	Resp:	510329
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	9.9	9.9	14.9

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM



#88

Benzo(k)fluoranthene

Concen: 10.025 ng/mL

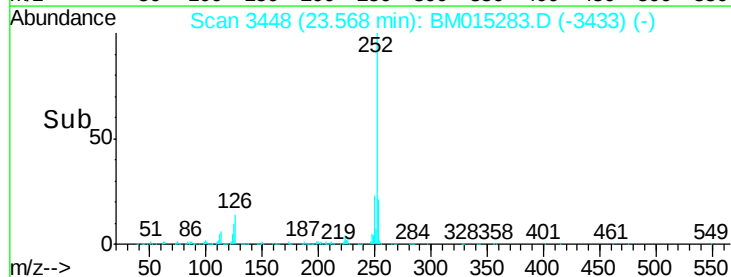
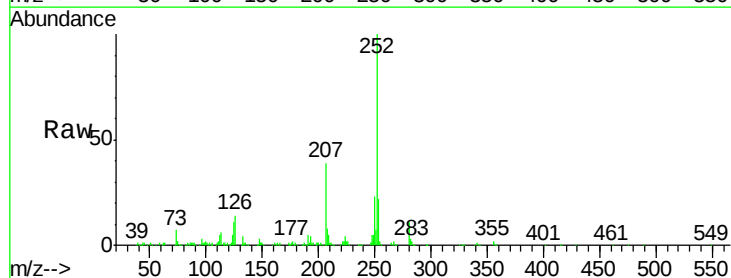
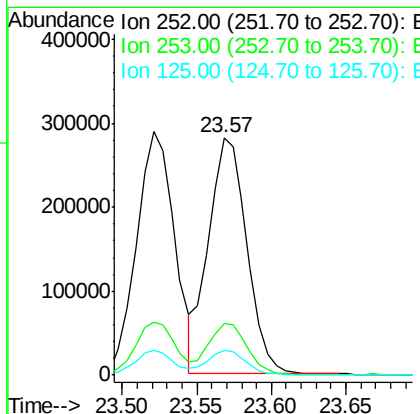
RT: 23.57 min Scan# 3448

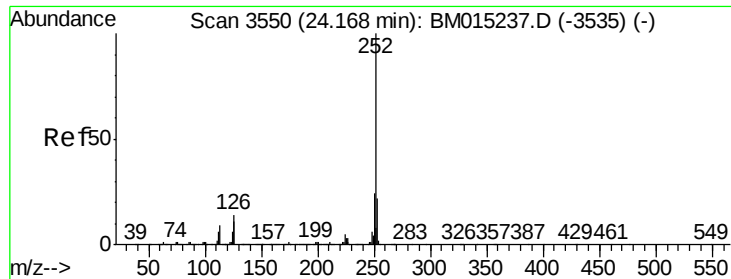
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:	252	Resp:	505729
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	10.6	8.1	12.1





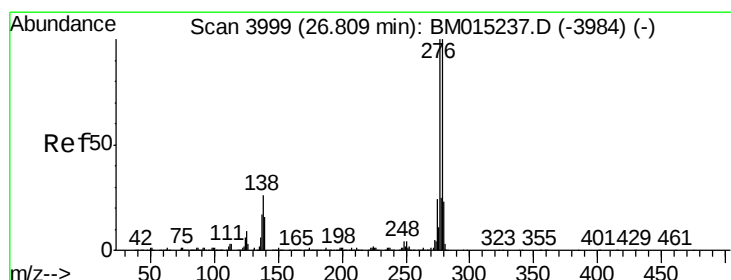
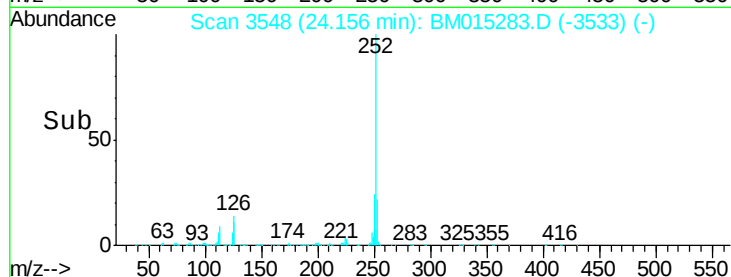
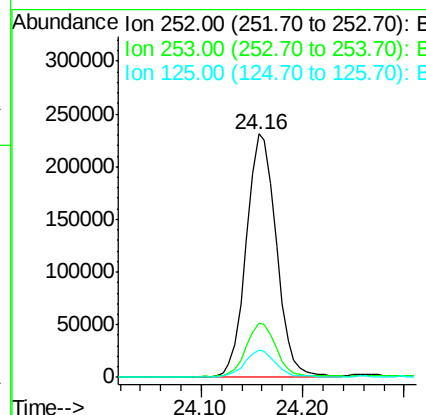
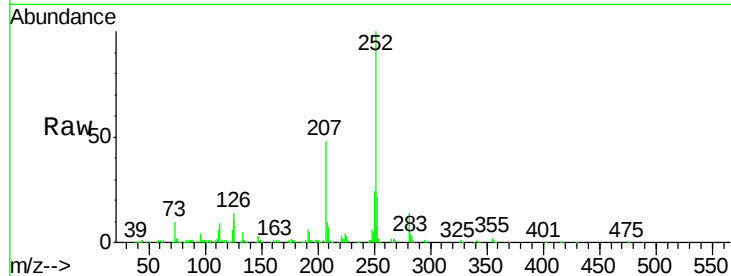
#89
Benzo(a)pyrene
Concen: 9.547 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	11.1	7.4	11.2

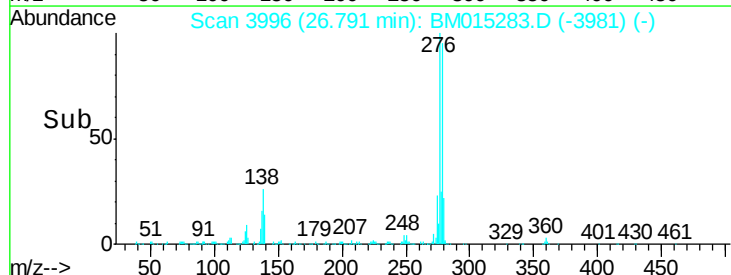
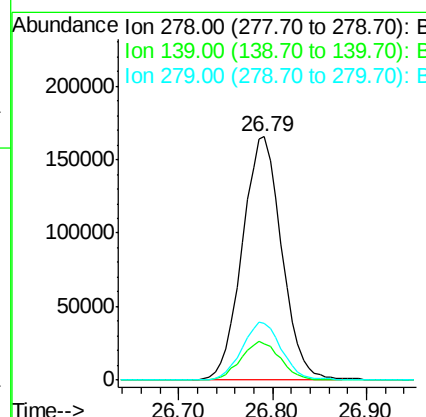
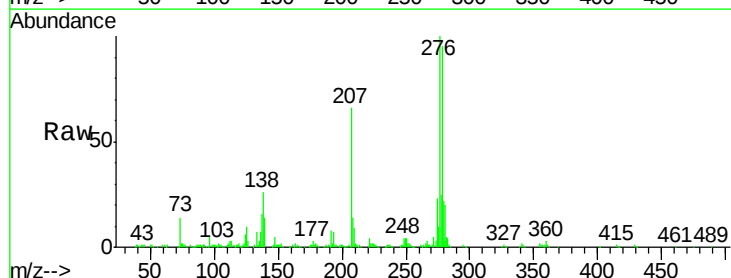
Manual Integrations
APPROVED

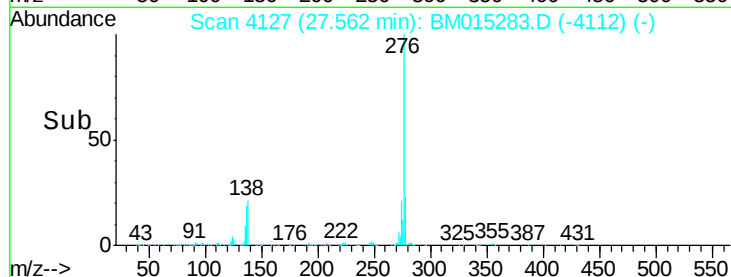
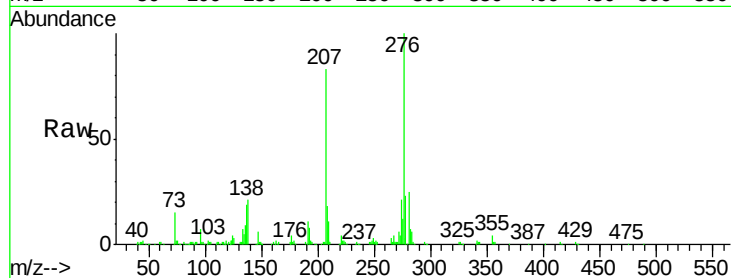
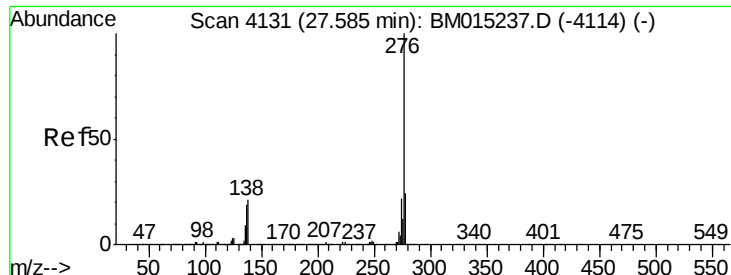
Sohil
5/24/2018 11:02:46 AM



#90
Dibenzo(a,h)anthracene
Concen: 9.473 ng
RT: 26.79 min Scan# 3996
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.4	20.0
279	23.1	19.0	28.4





#91
Benzo(a,h,i)perylene
Concen: 9.292 ng
RT: 27.56 min Scan# 4127
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tot Ion:	276	Resp:	459337
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.5	27.7
138	20.8	19.0	28.6

Instrument :
BNA_M
ClientSampleId :
LOQ-NPW-Precision-Bias-4

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:46 AM

