

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
 Data File : BN002177.D
 Acq On : 26 Jul 2018 18:30
 Operator : JU/SJ
 Sample : PB111425BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Manual Integrations
 APPROVED

Sohil
 7/27/2018 4:18:48 PM

Quant Time: Jul 27 02:17:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 26 18:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	280837	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1044484	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	516765	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	943553	20.00	ng	0.00
75) Chrysene-d12	21.27	240	696788	20.00	ng	0.00
86) Perylene-d12	23.50	264	646482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	2621671	150.29	ng	0.00
7) Phenol-d6	6.89	99	3425750	139.94	ng	0.01
23) Nitrobenzene-d5	8.85	82	2069481	101.61	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	904504	134.79	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	4160503	104.87	ng	0.00
78) Terphenyl-d14	19.71	244	3978896	119.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	248100	37.885	ng	# 81
3) Pyridine	3.66	79	737549	38.881	ng	# 72
4) n-Nitrosodimethylamine	3.59	42	387326	47.600	ng	# 73
6) Aniline	7.03	93	914713	30.589	ng	98
8) 2-Chlorophenol	7.27	128	940096	46.469	ng	94
9) Benzaldehyde	6.85	77	591652	39.244	ng	92
10) Phenol	6.91	94	1167831	46.541	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	880710	43.122	ng	95
12) 1,3-Dichlorobenzene	7.58	146	988937	42.894	ng	99
13) 1,4-Dichlorobenzene	7.73	146	1014452	43.010	ng	97
14) 1,2-Dichlorobenzene	8.04	146	972263	42.730	ng	97
15) Benzyl Alcohol	7.93	79	791571	42.852	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1438124	43.606	ng	93
17) 2-Methylphenol	8.14	107	773639	45.161	ng	95
18) Hexachloroethane	8.76	117	377548	43.737	ng	91
19) n-Nitroso-di-n-propylamine	8.50	70	697592	39.287	ng	# 97
20) 3+4-Methylphenols	8.47	107	1028973	43.051	ng	91
22) Acetophenone	8.51	105	1347317	49.751	ng	# 97
24) Nitrobenzene	8.89	77	1042438	49.387	ng	94
25) Isophorone	9.40	82	1833134	52.419	ng	96
26) 2-Nitrophenol	9.59	139	495907	48.636	ng	98
27) 2,4-Dimethylphenol	9.66	122	806837	56.897	ng	95
28) bis(2-Chloroethoxy)methane	9.89	93	1125853	49.839	ng	96
29) 2,4-Dichlorophenol	10.12	162	826792	50.000	ng	95
30) 1,2,4-Trichlorobenzene	10.33	180	901390	48.133	ng	96
31) Naphthalene	10.52	128	2716171	51.527	ng	98
32) Benzoic acid	9.82	122	482131	40.072	ng	92
33) 4-Chloroaniline	10.63	127	201889	8.608	ng	98
34) Hexachlorobutadiene	10.80	225	545212	47.542	ng	98
35) Caprolactam	11.41	113	225725m	39.999	ng	
36) 4-Chloro-3-methylphenol	11.76	107	841732	44.766	ng	98
37) 2-Methylnaphthalene	12.13	142	1908937	51.346	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	924536	53.208	ng	# 98
40) Hexachlorocyclopentadiene	12.48	237	1322501	134.761	ng	91

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
 Data File : BN002177.D
 Acq On : 26 Jul 2018 18:30
 Operator : JU/SJ
 Sample : PB111425BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 PB111425BS

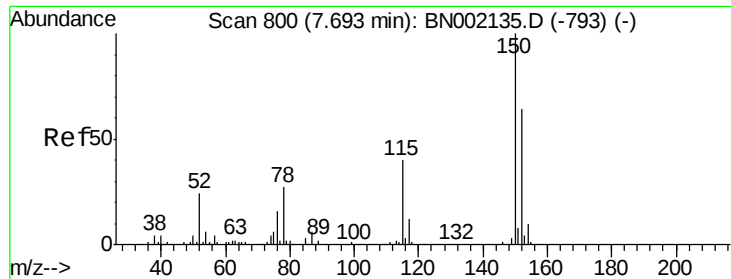
Manual Integrations
 APPROVED

Sohil
 7/27/2018 4:18:48 PM

Quant Time: Jul 27 02:17:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 26 18:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	604304	51.834	ng	97
43) 2,4,5-Trichlorophenol	12.82	196	627002	50.771	ng	98
45) 1,1'-Biphenyl	13.15	154	2332197	51.287	ng	99
46) 2-Chloronaphthalene	13.19	162	1790558	51.013	ng	98
47) 2-Nitroaniline	13.40	65	540659	47.870	ng	94
48) Acenaphthylene	14.05	152	2824380	53.026	ng	98
49) Dimethylphthalate	13.79	163	2045709	47.656	ng	99
50) 2,6-Dinitrotoluene	13.90	165	451154	47.307	ng	95
51) Acenaphthene	14.39	154	1612369	50.254	ng	98
52) 3-Nitroaniline	14.23	138	149060	14.426	ng	# 87
53) 2,4-Dinitrophenol	14.45	184	471113	93.296	ng	99
54) Dibenzofuran	14.73	168	2497652	48.015	ng	96
55) 4-Nitrophenol	14.56	139	694740	87.577	ng	93
56) 2,4-Dinitrotoluene	14.70	165	595304	45.994	ng	89
57) Fluorene	15.37	166	1963136	50.070	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	502733	47.335	ng	94
59) Diethylphthalate	15.16	149	1979254	45.301	ng	98
60) 4-Chlorophenyl-phenylether	15.37	204	979014	45.126	ng	95
61) 4-Nitroaniline	15.40	138	417409	39.628	ng	93
62) Azobenzene	15.67	77	1990534	47.481	ng	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	307426	48.260	ng	98
65) n-Nitrosodiphenylamine	15.59	169	1638541	52.333	ng	97
66) 4-Bromophenyl-phenylether	16.27	248	573043	51.879	ng	# 92
67) Hexachlorobenzene	16.38	284	615090	50.344	ng	97
68) Atrazine	16.55	200	519090	49.243	ng	97
69) Pentachlorophenol	16.73	266	639297	81.289	ng	99
70) Phenanthrene	17.12	178	2718814	52.789	ng	99
71) Anthracene	17.20	178	2773629	54.410	ng	98
72) Carbazole	17.47	167	2353990	46.021	ng	97
73) Di-n-butylphthalate	18.05	149	2908542	48.748	ng	99
74) Fluoranthene	19.13	202	2742685	49.048	ng	98
76) Benzidine	19.32	184	929065	40.881	ng	97
77) Pyrene	19.50	202	2696610	56.118	ng	100
79) Butylbenzylphthalate	20.41	149	1129509	53.999	ng	92
80) Benzo(a)anthracene	21.25	228	2294989	54.039	ng	98
81) 3,3'-Dichlorobenzidine	21.19	252	446029	26.958	ng	# 99
82) Chrysene	21.30	228	2145944	53.070	ng	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	1572664	53.917	ng	96
84) Di-n-octyl phthalate	22.07	149	2533435	54.778	ng	97
85) Indeno(1,2,3-cd)pyrene	25.73	276	2510514	63.681	ng	# 95
87) Benzo(b)fluoranthene	22.83	252	2082967	54.594	ng	97
88) Benzo(k)fluoranthene	22.87	252	2064249m	54.936	ng	
89) Benzo(a)pyrene	23.40	252	2009386	56.392	ng	98
90) Dibenzo(a,h)anthracene	25.74	278	2099359	62.754	ng	# 96
91) Benzo(g,h,i)perylene	26.41	276	2144236	66.323	ng	# 95

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



#1

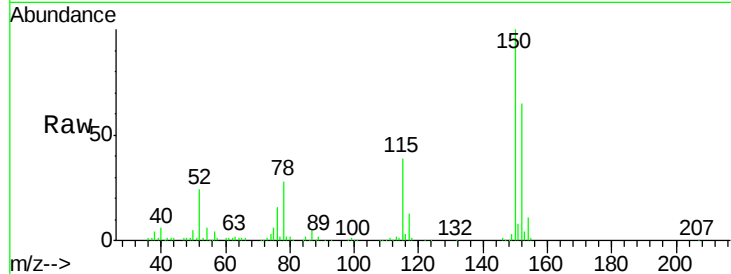
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

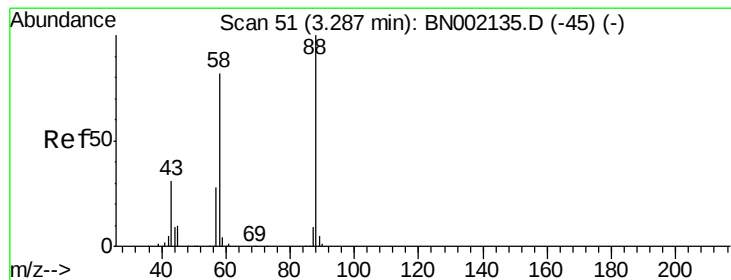
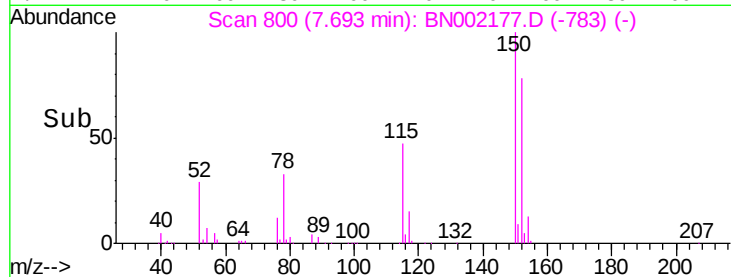
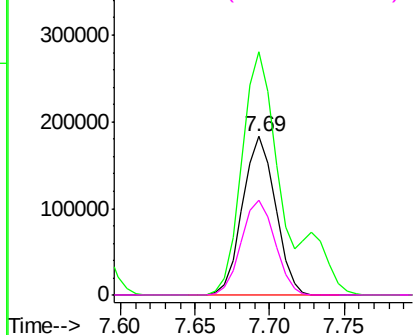
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.6	189.8
115	60.3	53.0	79.4

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM



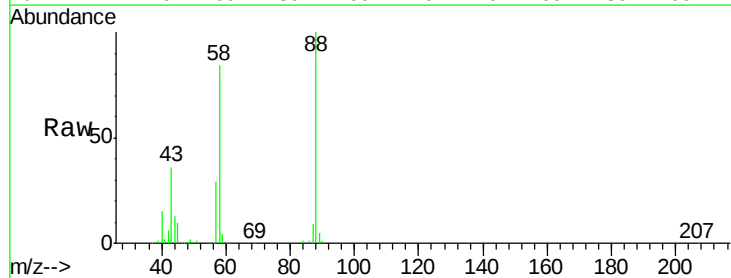
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



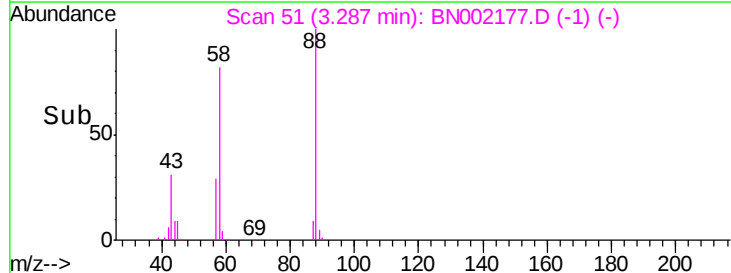
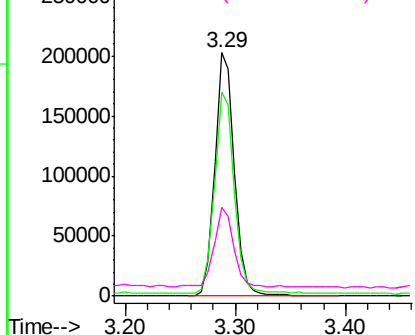
#2

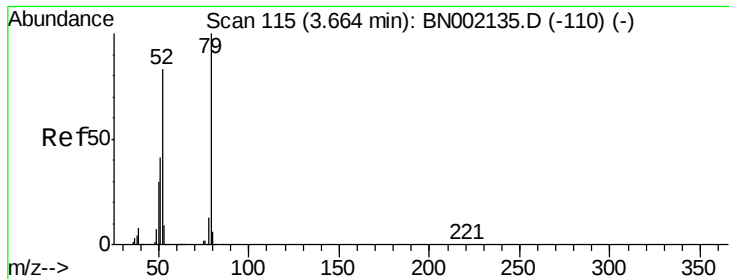
1,4-Dioxane
Concen: 37.885 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	52.0	78.0#
43	31.1	20.0	30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pyridine

Concen: 38.881 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

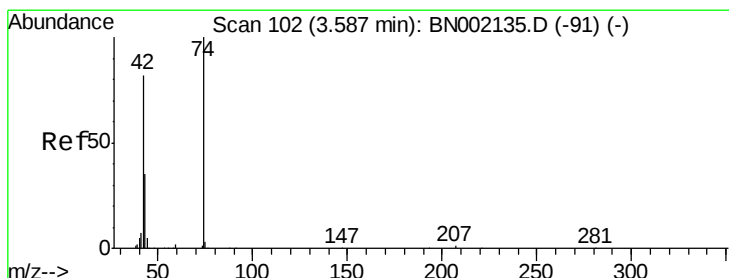
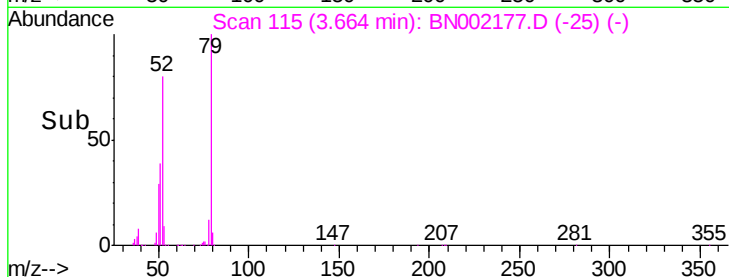
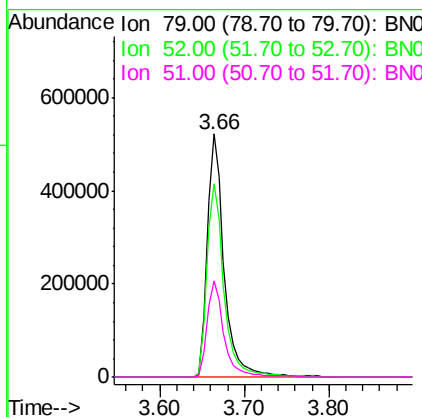
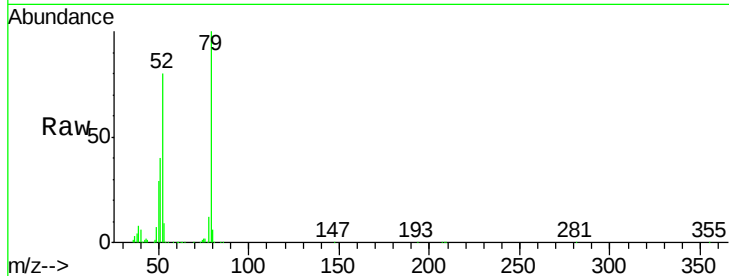
ClientSampleId :

PB111425BS

Tgt Ion:	79	Resp:	737549
Ion Ratio	Lower	Upper	
79	100		
52	79.6	44.0	66.0#
51	39.6	24.0	36.0#

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM



#4

n-Nitrosodimethylamine

Concen: 47.600 ng

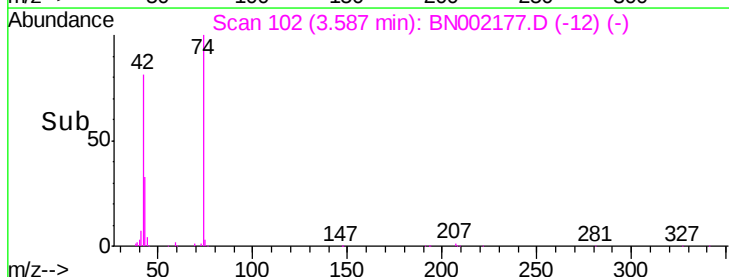
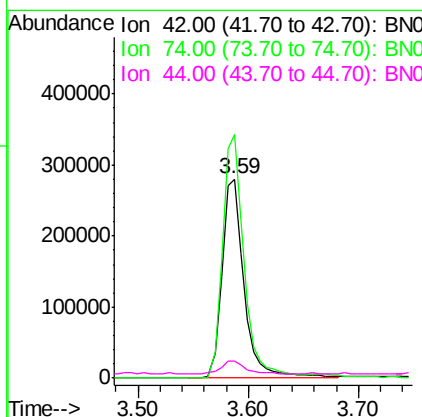
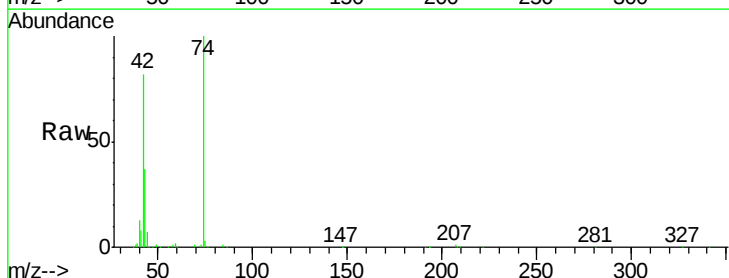
RT: 3.59 min Scan# 102

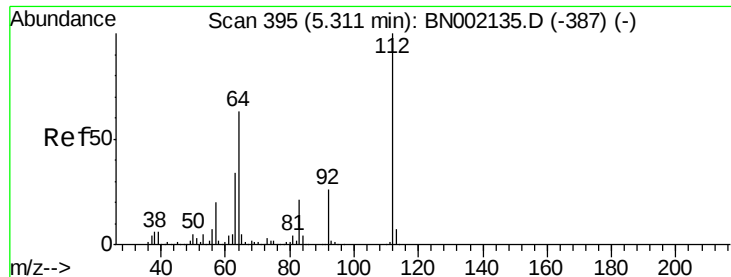
Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:	42	Resp:	387326
Ion Ratio	Lower	Upper	
42	100		
74	122.5	128.0	192.0#
44	8.4	12.0	18.0#





#5

2-Fluorophenol

Concen: 150.290 ng

RT: 5.32 min Scan# 396

Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

PB111425BS

Tgt Ion: 112 Resp: 2621671

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

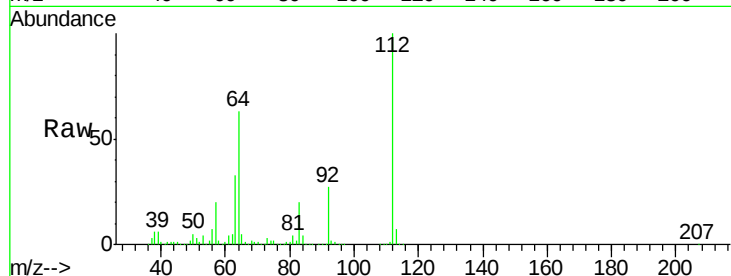
63 33.5 30.1 45.1

Manual Integrations

APPROVED

Sohil

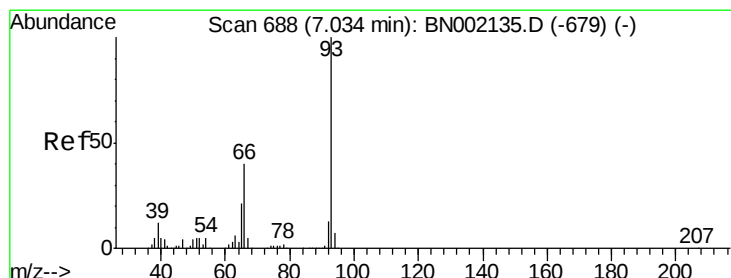
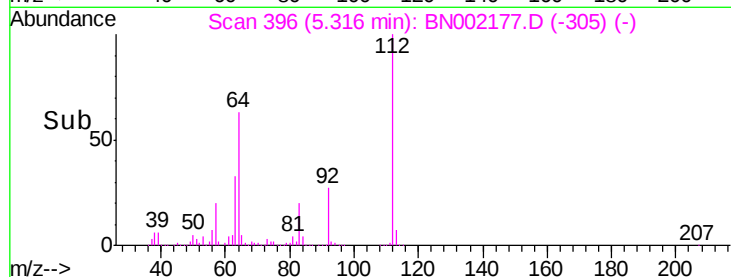
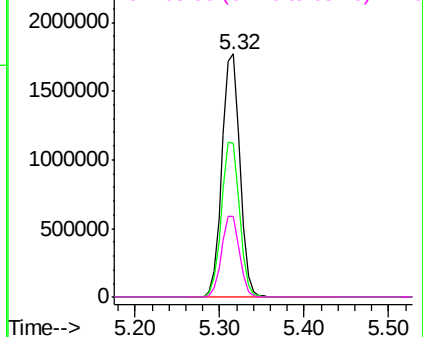
7/27/2018 4:18:48 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 30.589 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion: 93 Resp: 914713

Ion Ratio Lower Upper

93 100

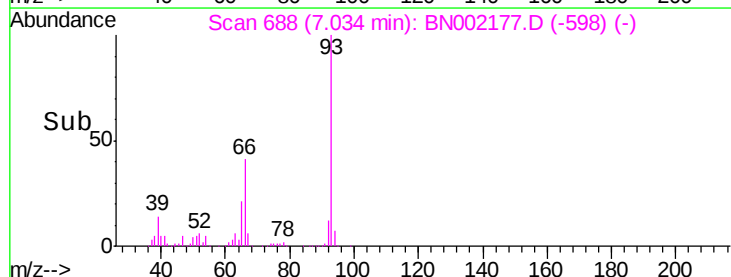
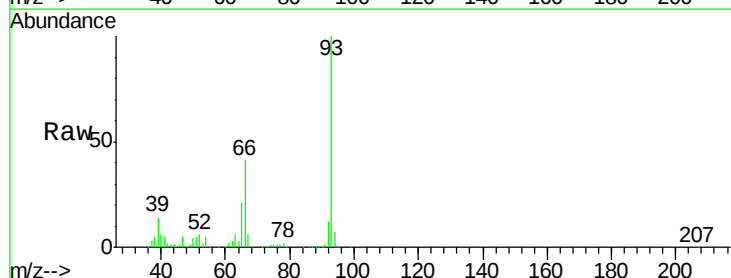
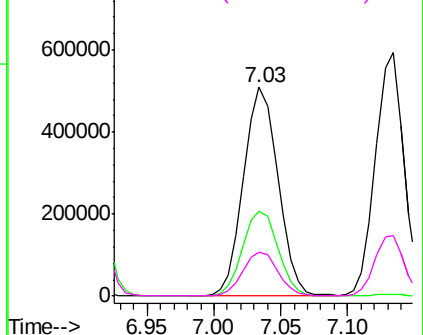
66 41.0 33.7 50.5

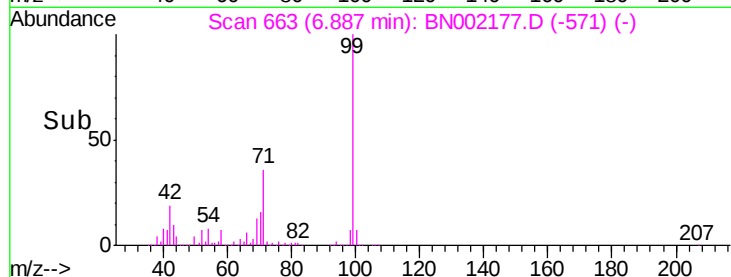
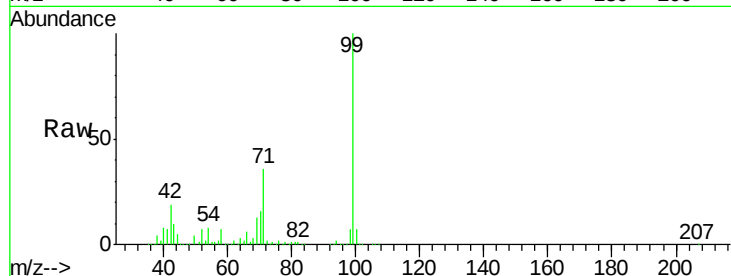
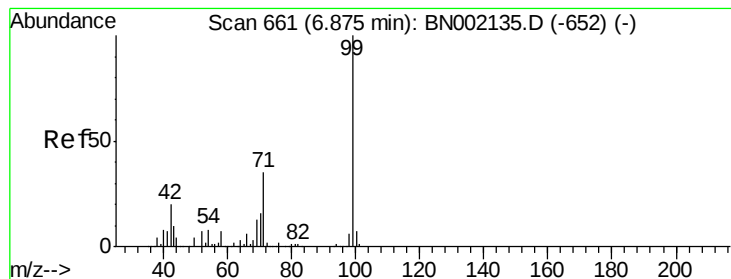
65 21.1 16.1 24.1

Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 139.943 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:	99	Resp:	3425750
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.1	21.1
71	35.6	26.1	39.1

Instrument :

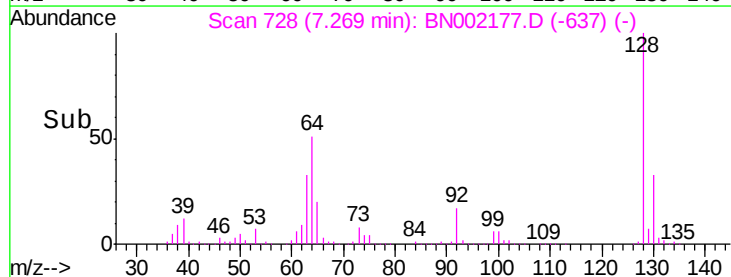
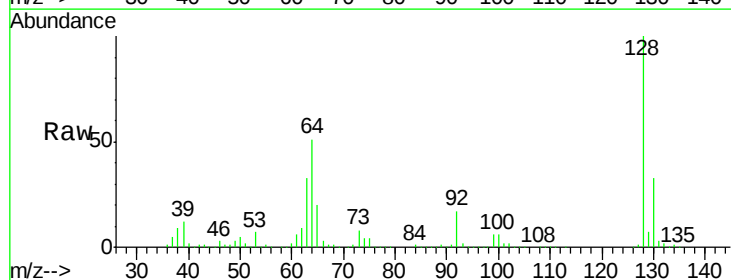
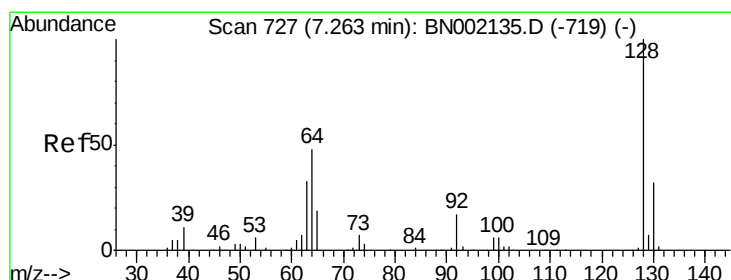
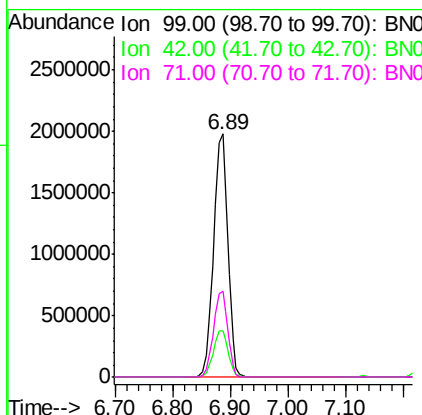
BNA_N

ClientSampled :

PB111425BS

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM



#8

2-Chlorophenol

Concen: 46.469 ng

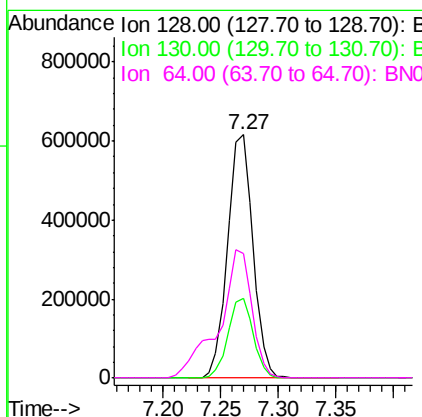
RT: 7.27 min Scan# 728

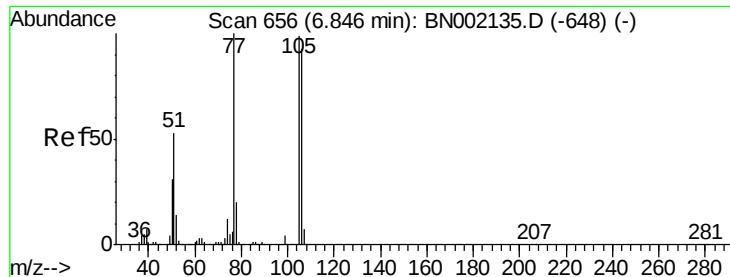
Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:	128	Resp:	940096
Ion	Ratio	Lower	Upper
128	100		
130	33.0	14.0	54.0
64	51.4	37.7	77.7





#9

Benzaldehyde

Concen: 39.244 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

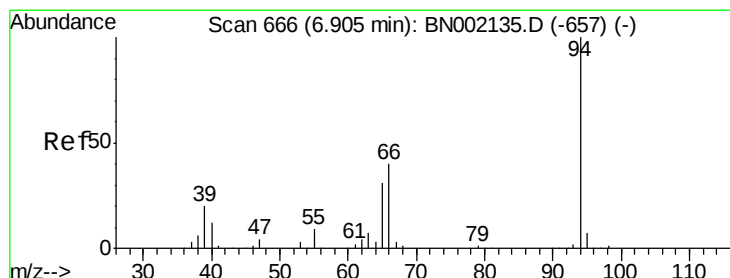
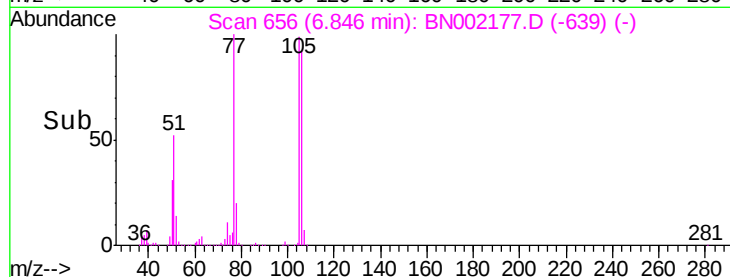
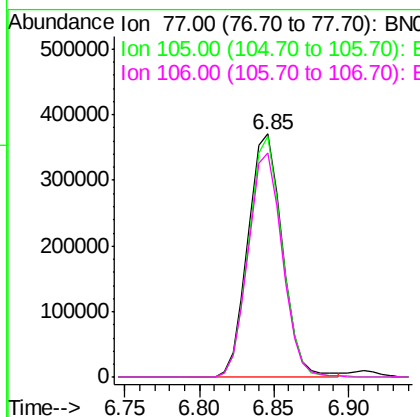
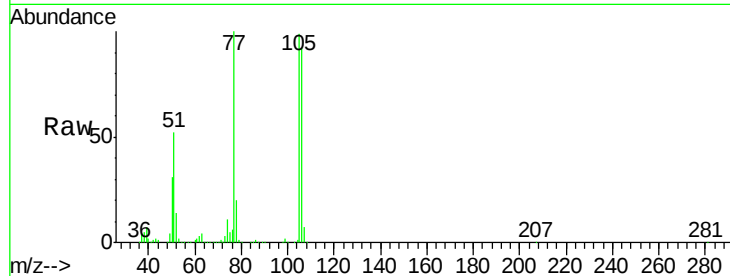
ClientSampleId :

PB111425BS

Tgt Ion:	77	Resp:	591652
Ion Ratio	Lower	Upper	
77	100		
105	99.2	71.3	111.3
106	91.9	64.2	104.2

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM



#10

Phenol

Concen: 46.541 ng

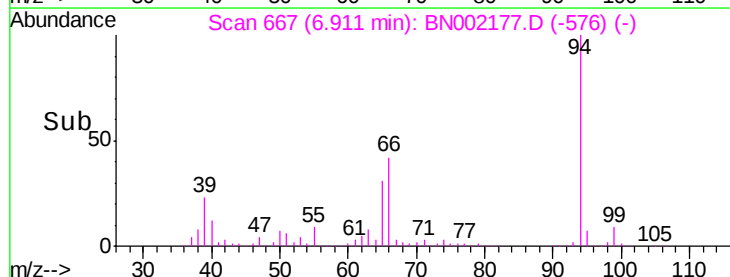
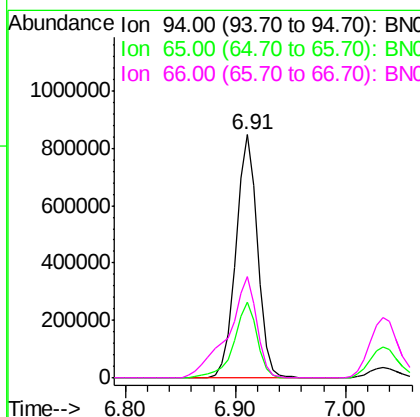
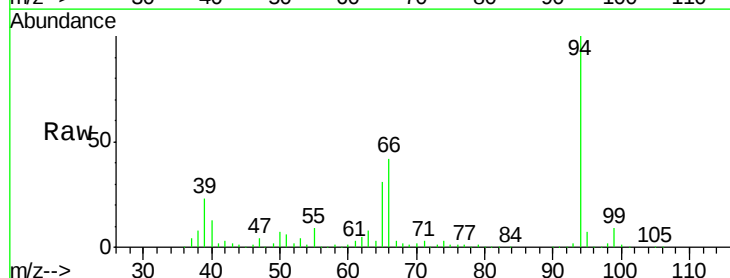
RT: 6.91 min Scan# 667

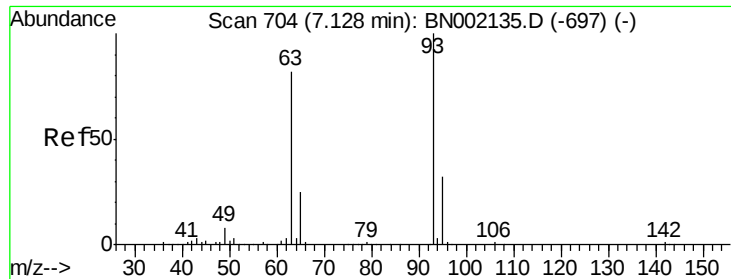
Delta R.T. 0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:	94	Resp:	1167831
Ion Ratio	Lower	Upper	
94	100		
65	31.0	11.9	51.9
66	41.6	22.2	62.2





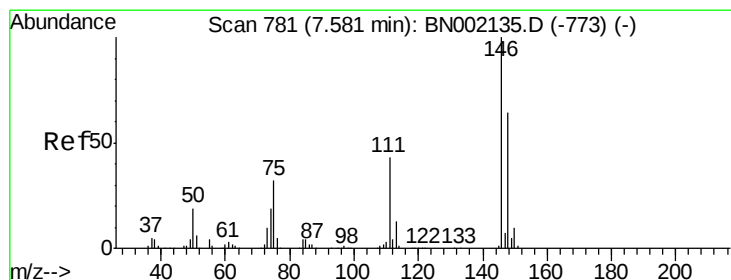
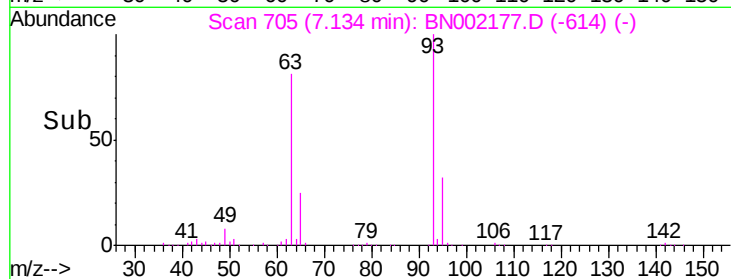
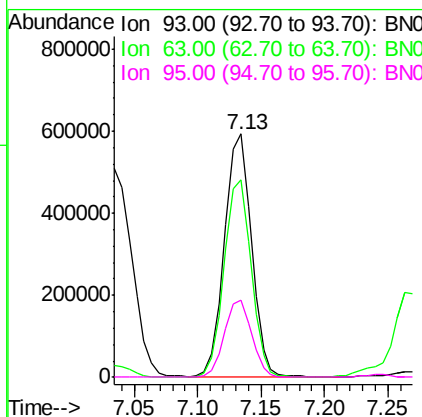
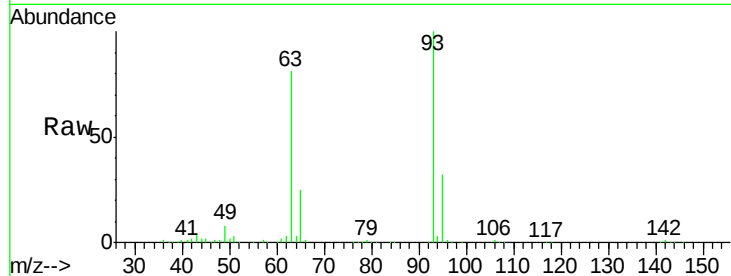
#11
bis(2-Chloroethyl)ether
Concen: 43.122 ng
RT: 7.13 min Scan# 705
Delta R.T. 0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.0	67.1	107.1
95	31.7	11.5	51.5

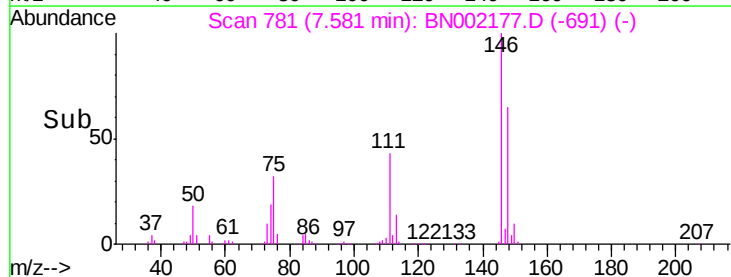
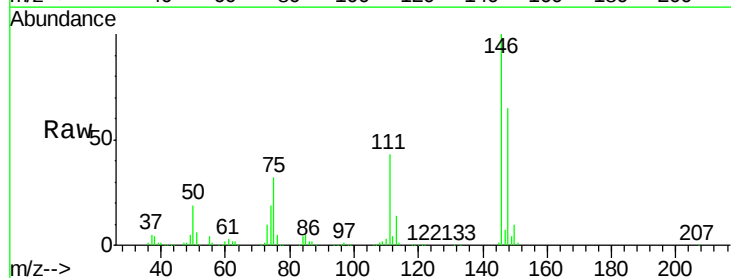
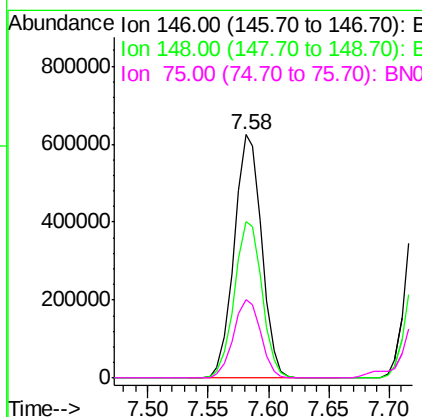
Manual Integrations
APPROVED

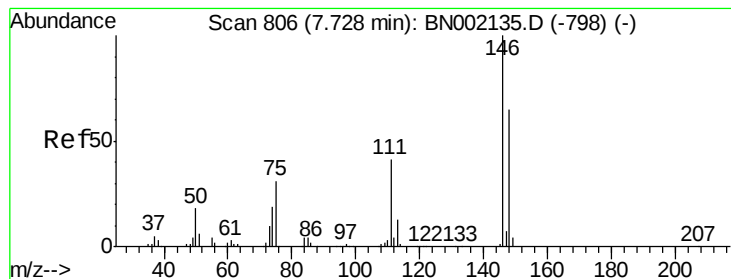
Sohil
7/27/2018 4:18:48 PM



#12
1,3-Dichlorobenzene
Concen: 42.894 ng
RT: 7.58 min Scan# 781
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
75	32.2	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 43.010 ng

RT: 7.73 min Scan# 806

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

PB111425BS

Tgt Ion:146 Resp: 1014452

Ion Ratio Lower Upper

146 100

148 64.7 53.7 80.5

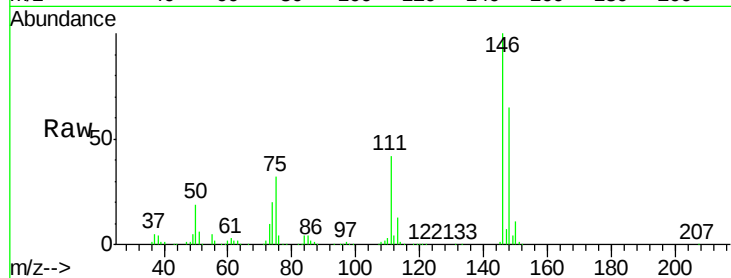
111 42.0 35.2 52.8

Manual Integrations

APPROVED

Sohil

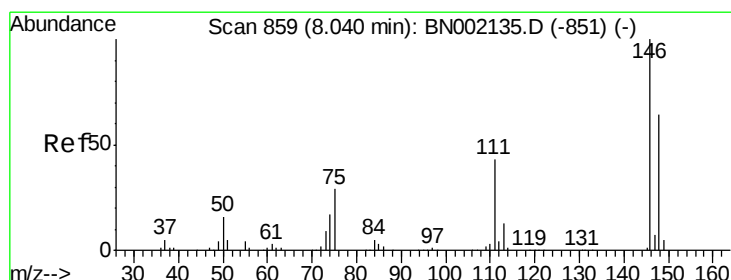
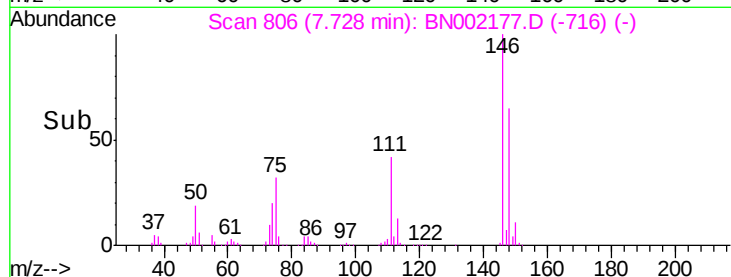
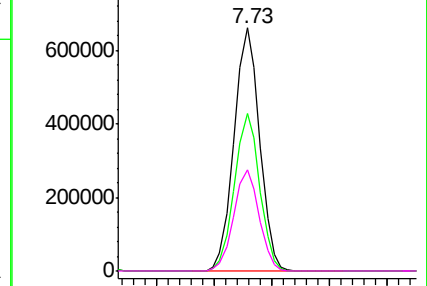
7/27/2018 4:18:48 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.730 ng

RT: 8.04 min Scan# 859

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

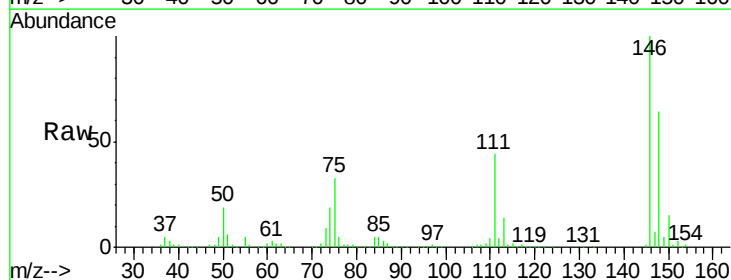
Tgt Ion:146 Resp: 972263

Ion Ratio Lower Upper

146 100

148 63.9 49.3 73.9

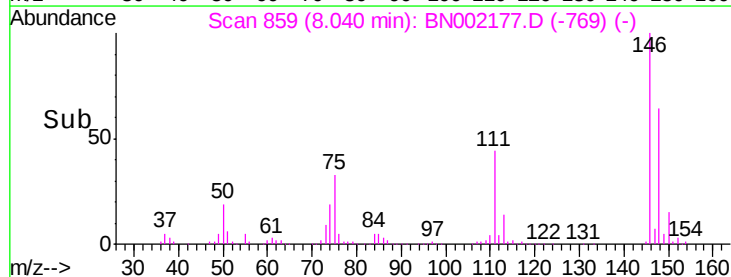
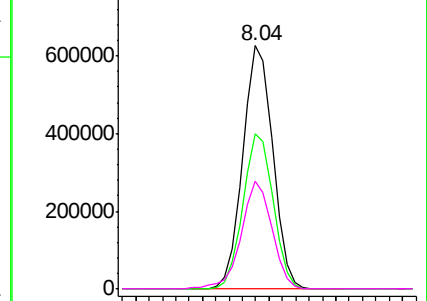
111 44.3 34.3 51.5

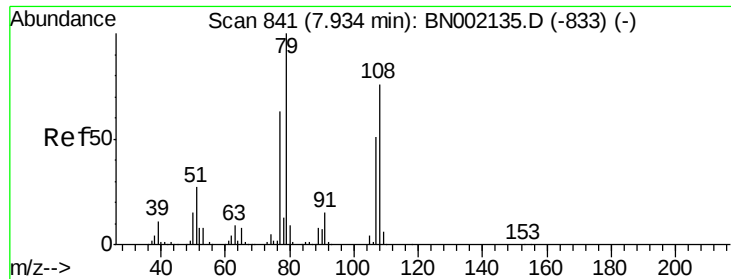


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.852 ng

RT: 7.93 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

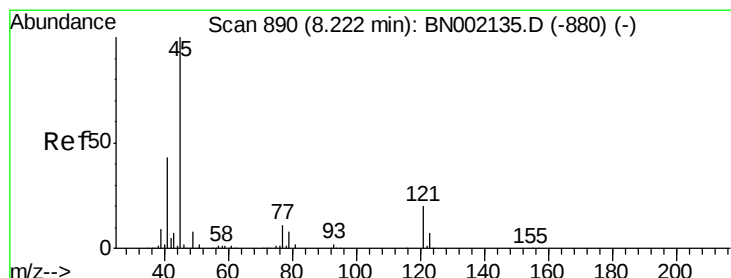
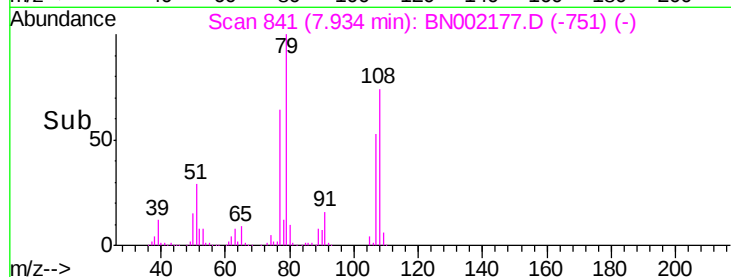
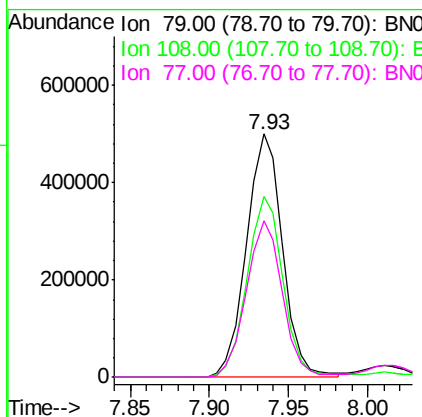
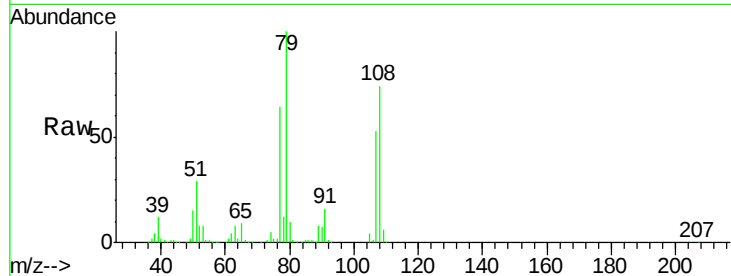
ClientSampleId :

PB111425BS

Tgt Ion:	79	Resp:	791571
Ion Ratio	Lower	Upper	
79	100		
108	74.4	57.2	85.8
77	64.5	46.1	69.1

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.606 ng

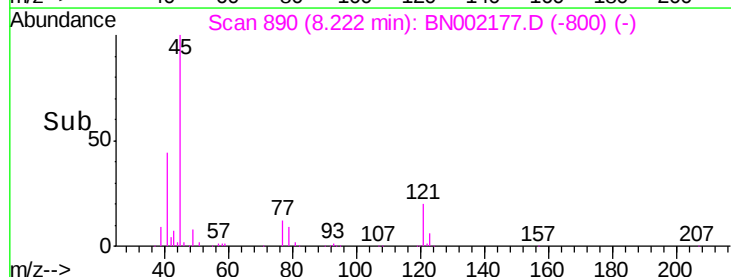
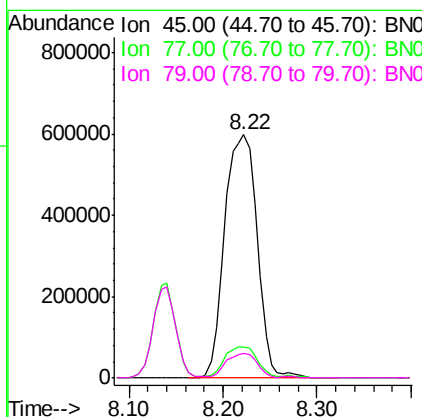
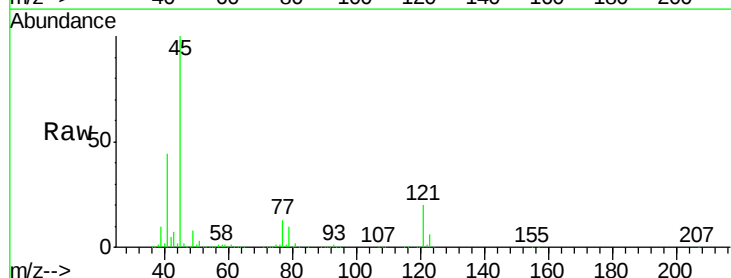
RT: 8.22 min Scan# 890

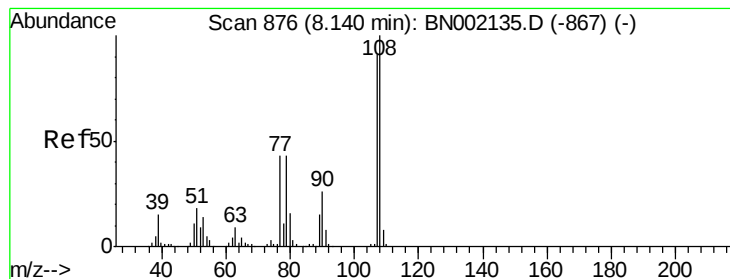
Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:	45	Resp:	1438124
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	30.2
79	10.1	0.0	27.9





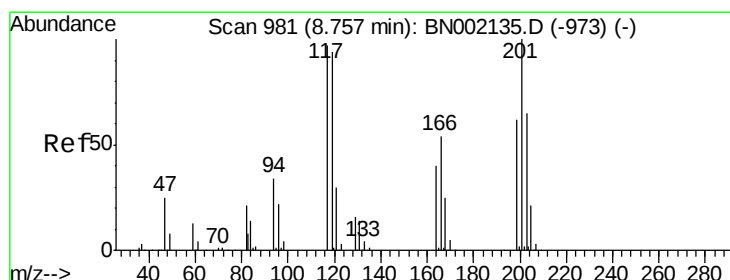
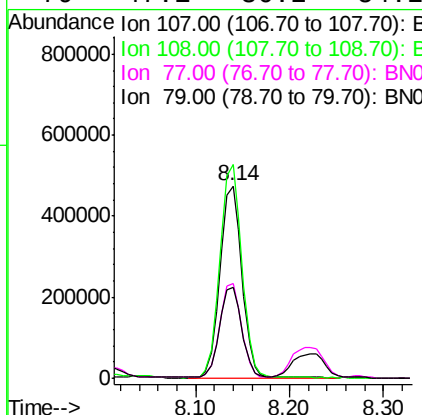
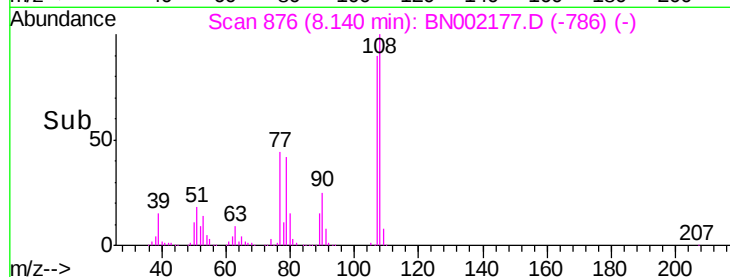
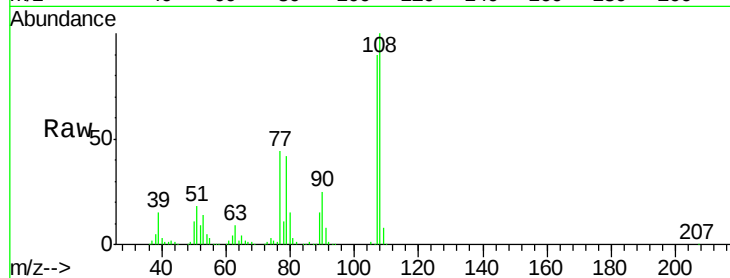
#17
2-Methylphenol
Concen: 45.161 ng
RT: 8.14 min Scan# 876
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	773639		
108	111.2	83.9	125.9	
77	49.3	37.2	55.8	
79	47.1	36.2	54.2	

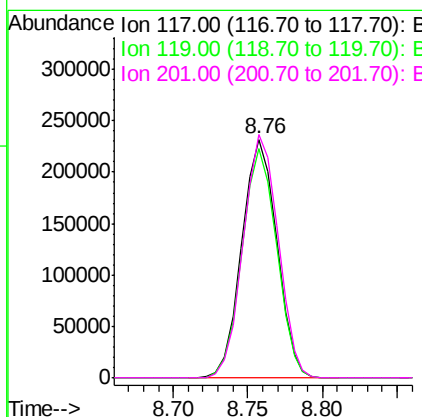
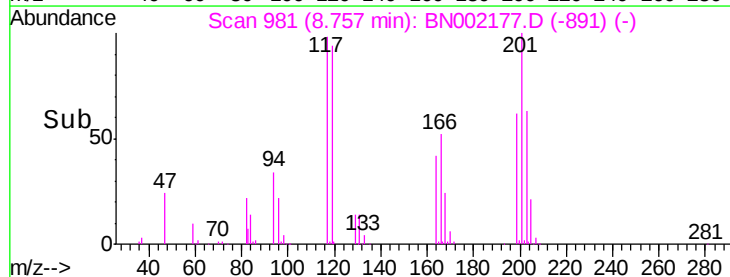
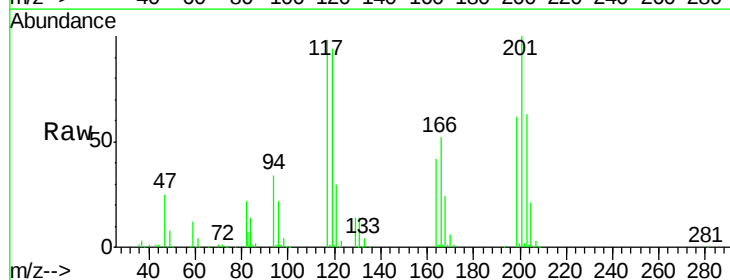
Manual Integrations
APPROVED

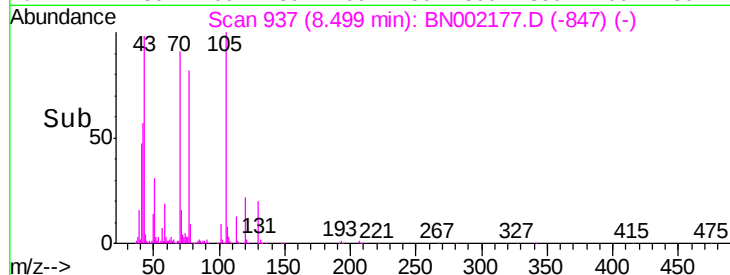
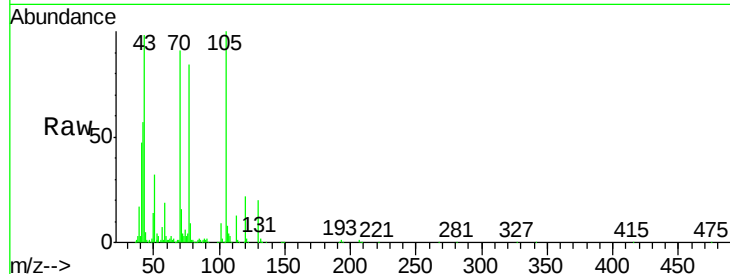
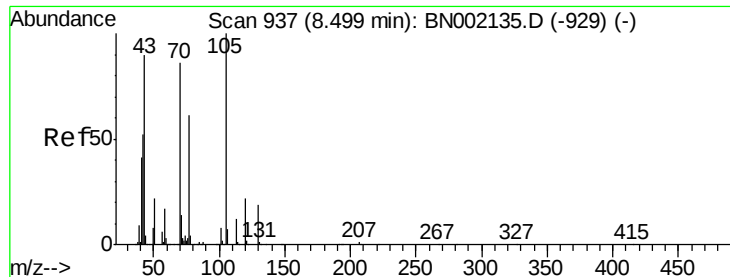
Sohil
7/27/2018 4:18:48 PM



#18
Hexachloroethane
Concen: 43.737 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	377548		
119	96.0	76.7	115.1	
201	101.8	95.7	143.5	





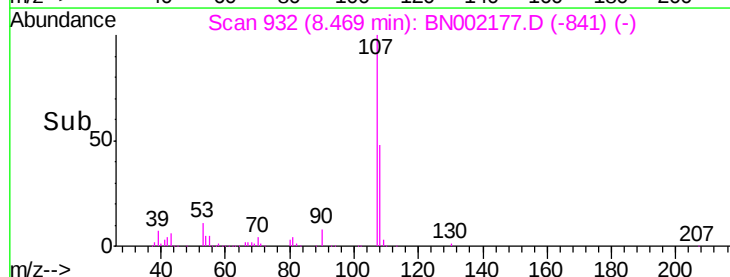
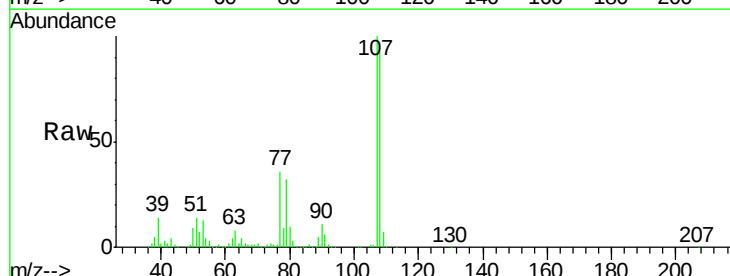
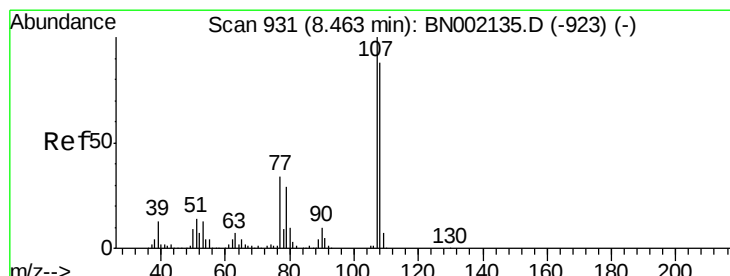
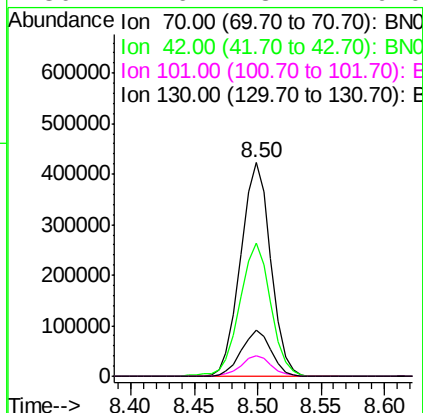
#19
n-Nitroso-di-n-propylamine
Concen: 39.287 ng
RT: 8.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	49.1	73.7	
101	9.6	8.5	12.7	
130	21.6	13.4	20.0	#

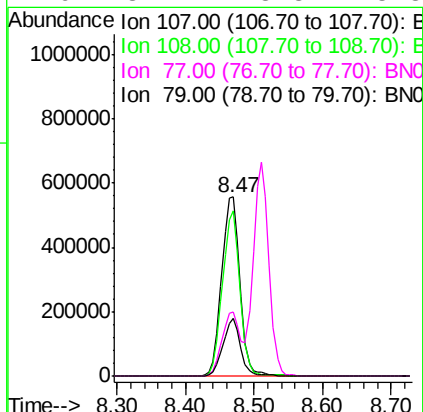
Manual Integrations
APPROVED

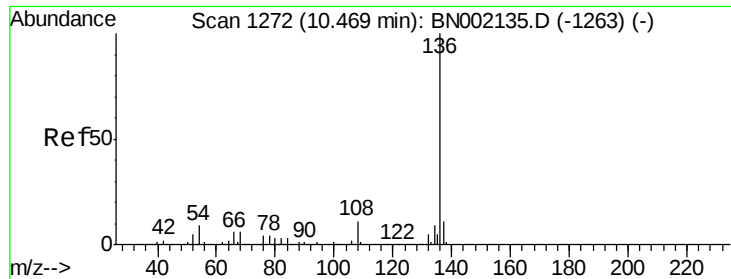
Sohil
7/27/2018 4:18:48 PM



#20
3+4-Methylphenols
Concen: 43.051 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	61.6	101.6	
77	35.6	13.9	53.9	
79	32.4	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

PB111425BS

Tgt Ion:136 Resp: 1044484

Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

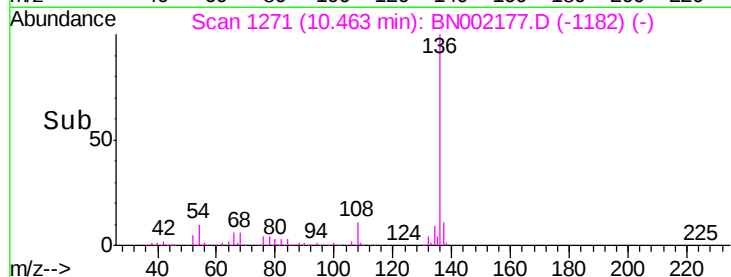
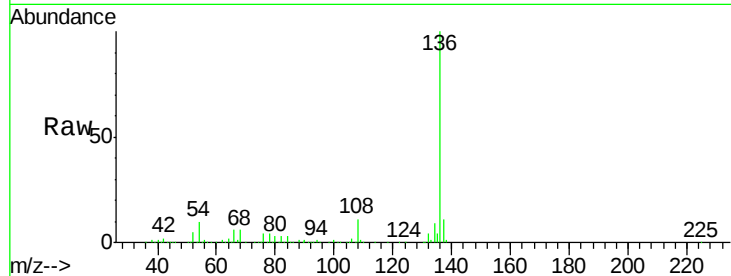
54 9.8 10.3 15.5#

68 6.0 4.5 6.7

Manual Integrations
APPROVED

Sohil

7/27/2018 4:18:48 PM



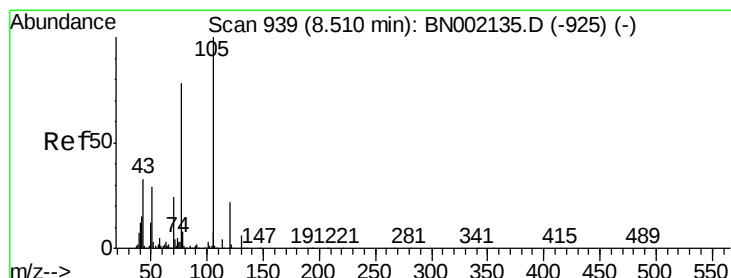
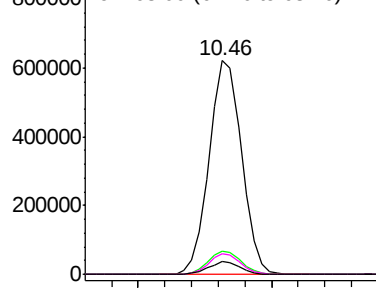
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 49.751 ng

RT: 8.51 min Scan# 939

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:105 Resp: 1347317

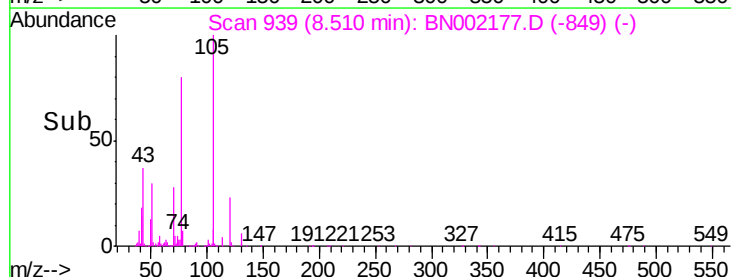
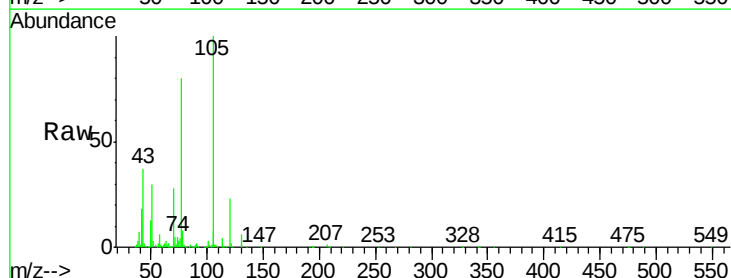
Ion Ratio Lower Upper

105 100

71 4.6 3.0 4.4#

51 30.3 26.1 39.1

120 23.0 17.4 26.2



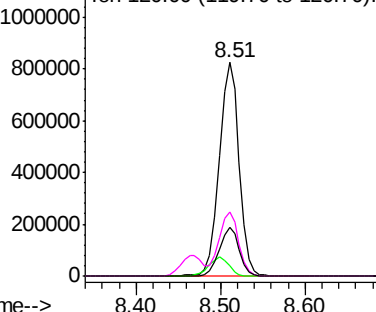
Abundance

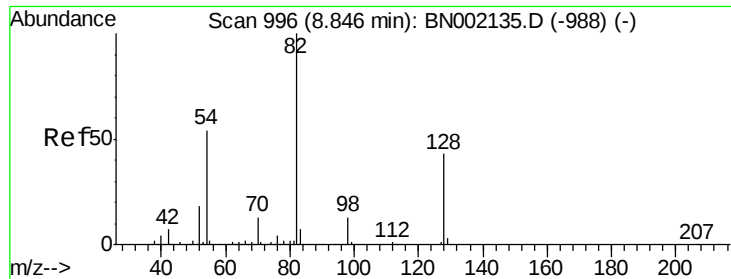
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E





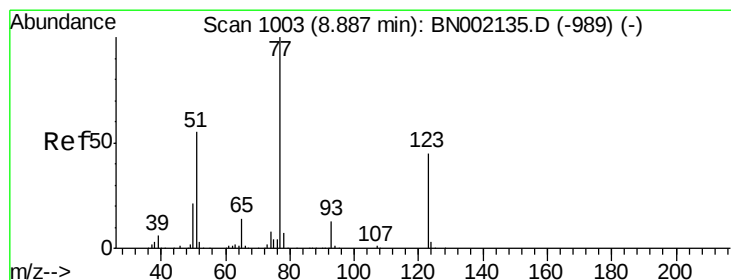
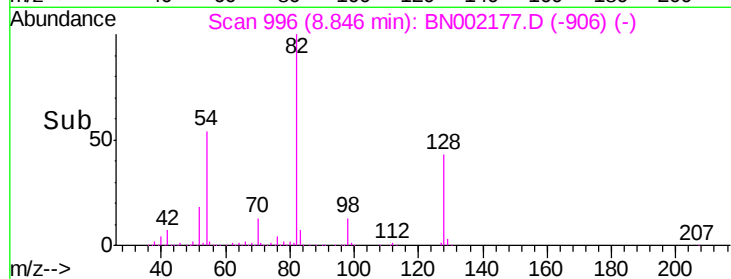
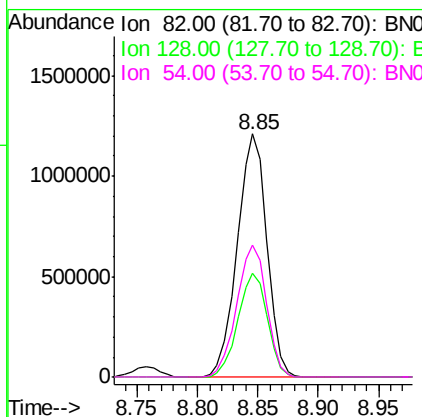
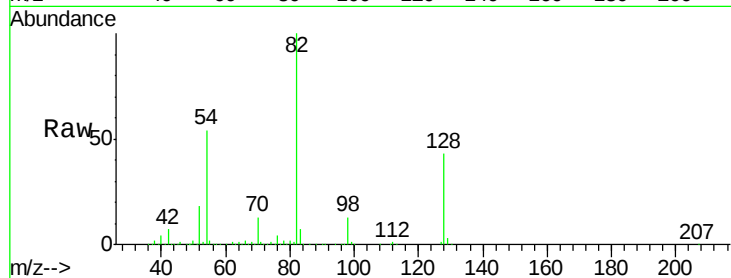
#23
Nitrobenzene-d5
Concen: 101.610 ng
RT: 8.85 min Scan# 996
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	54.4	43.1	64.7

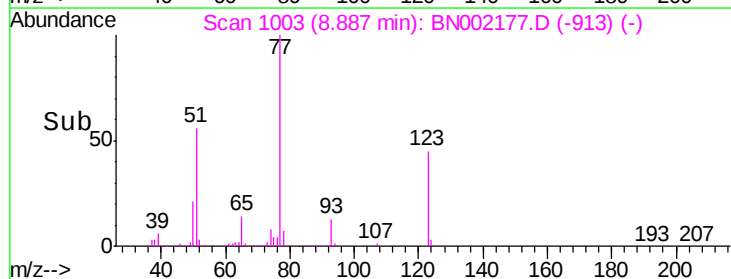
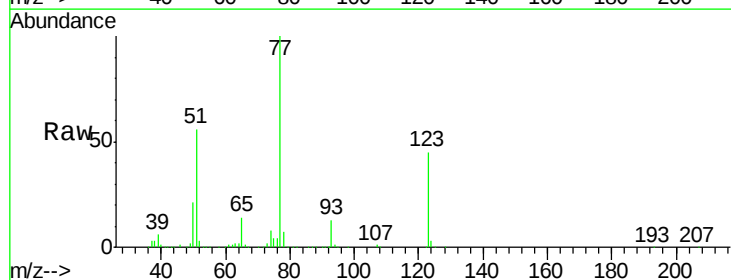
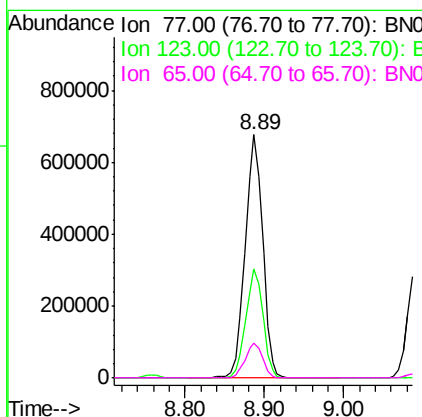
Manual Integrations
APPROVED

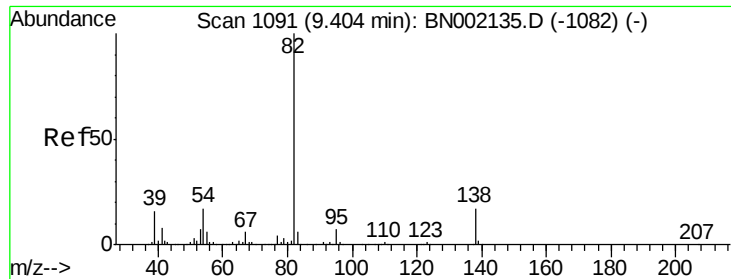
Sohil
7/27/2018 4:18:48 PM



#24
Nitrobenzene
Concen: 49.387 ng
RT: 8.89 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	33.0	49.6
65	14.3	13.0	19.6





#25

Isophorone

Concen: 52.419 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampled :

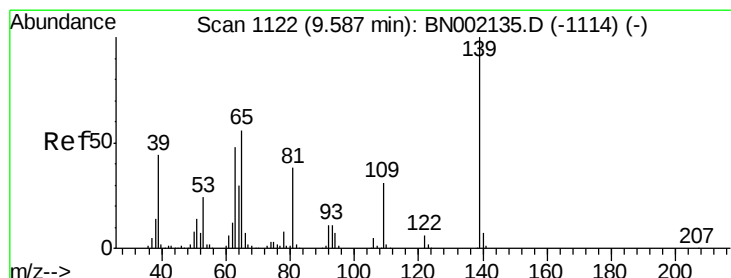
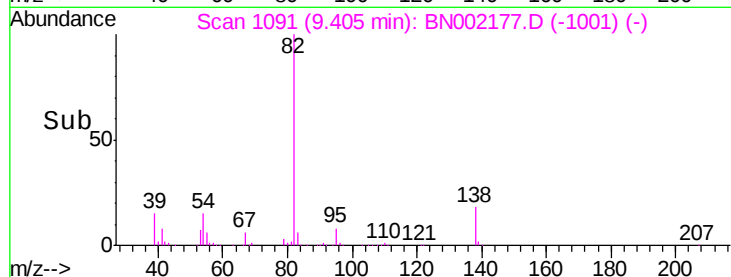
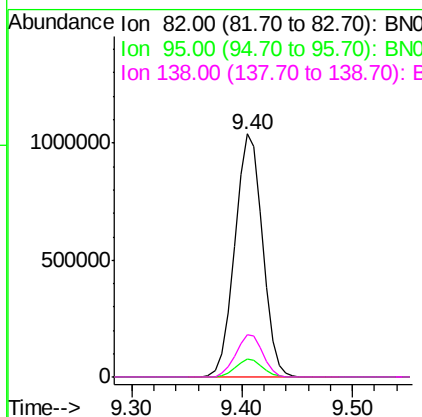
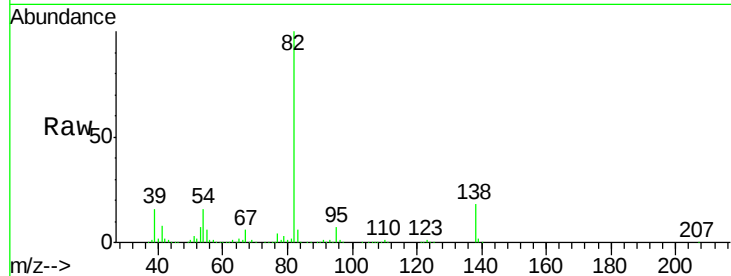
PB111425BS

Tgt Ion: 82 Resp: 1833134

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.2	9.2
138	17.7	12.1	18.1

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM



#26

2-Nitrophenol

Concen: 48.636 ng

RT: 9.59 min Scan# 1122

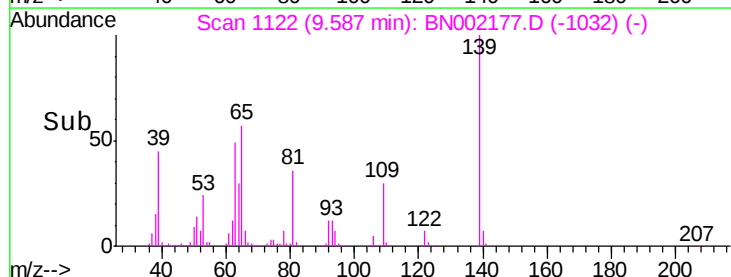
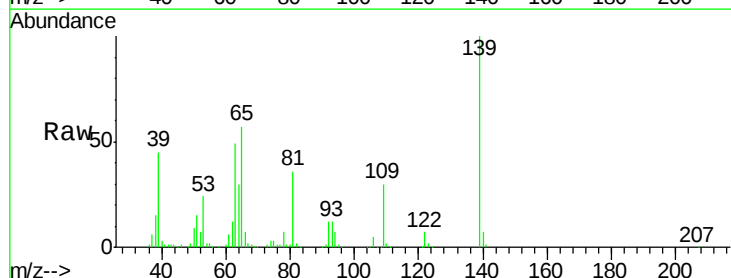
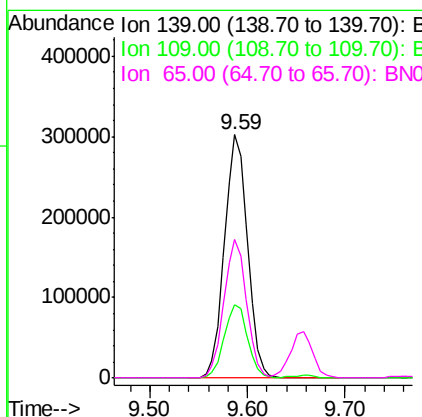
Delta R.T. 0.00 min

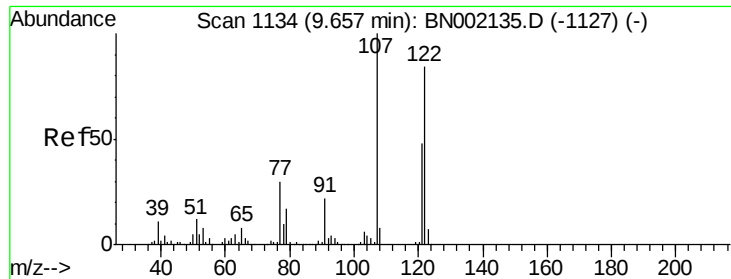
Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion: 139 Resp: 495907

Ion	Ratio	Lower	Upper
139	100		
109	30.2	24.2	36.2
65	56.8	47.4	71.0





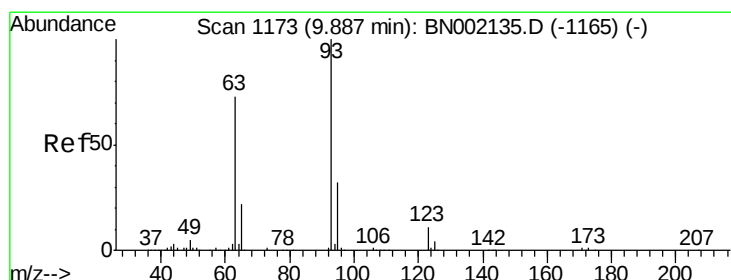
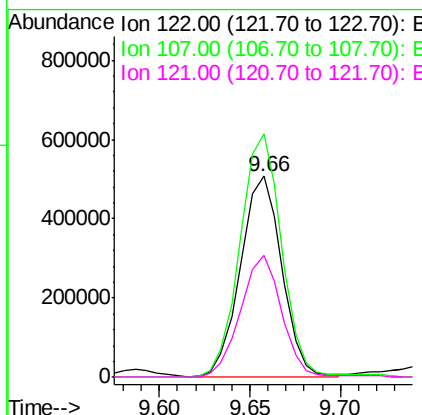
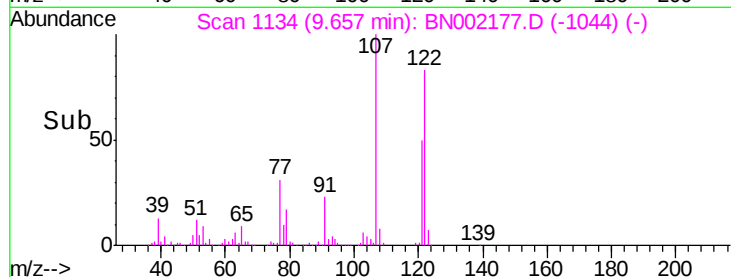
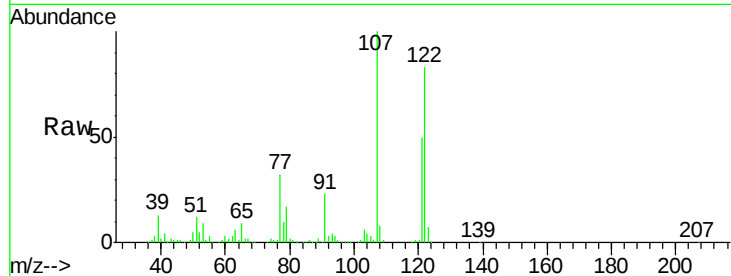
#27
 2,4-Dimethylphenol
 Concen: 56.897 ng
 RT: 9.66 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	806837		
107	121.1	100.2	150.2	
121	61.0	44.4	66.6	

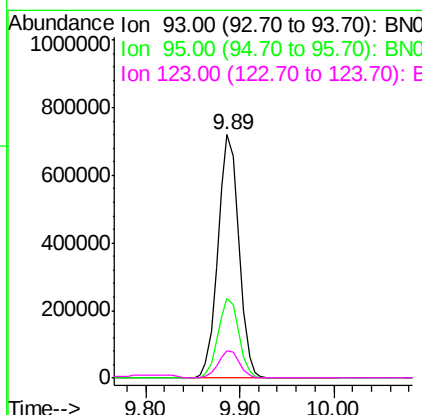
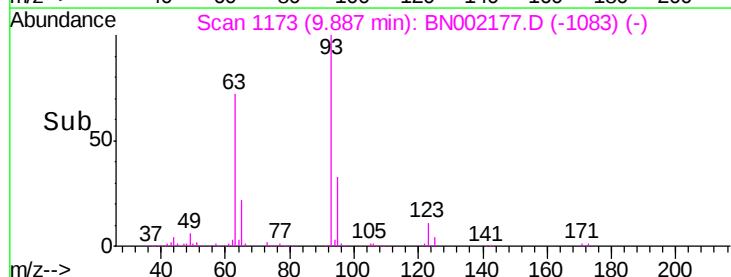
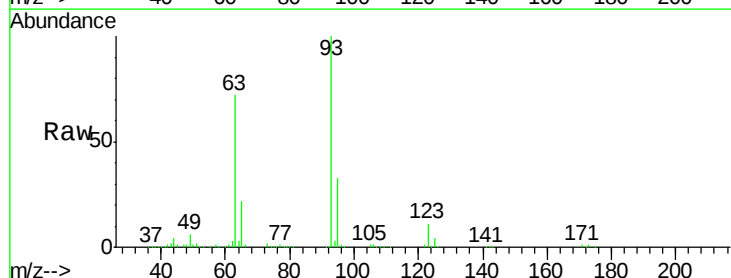
Manual Integrations
 APPROVED

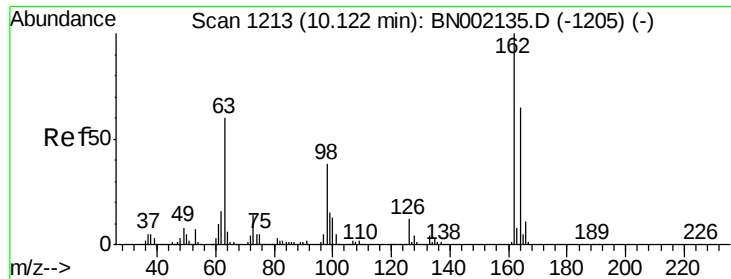
Sohil
 7/27/2018 4:18:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.839 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1125853		
95	32.9	24.3	36.5	
123	11.2	8.4	12.6	





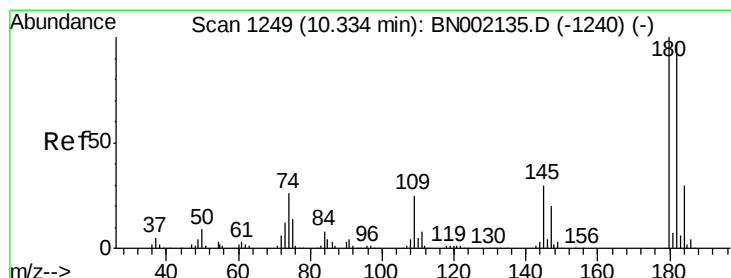
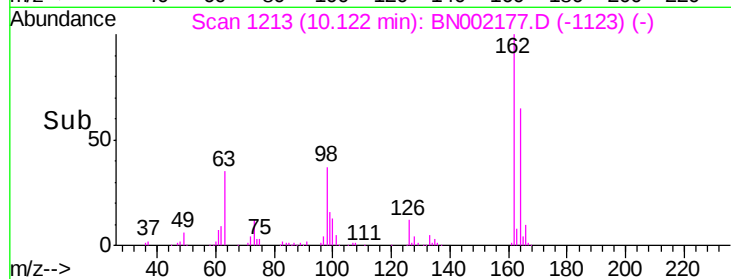
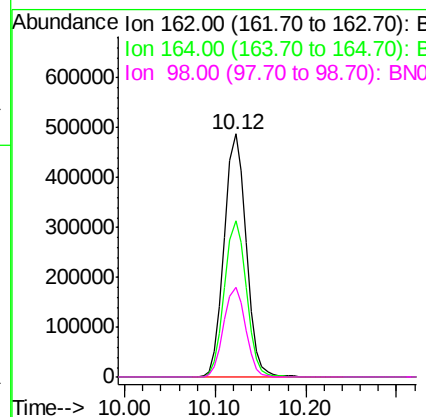
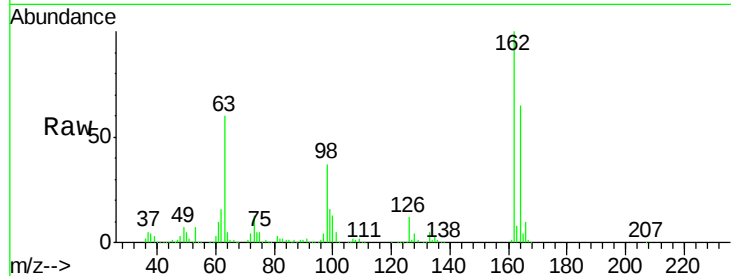
#29
2,4-Dichlorophenol
Concen: 50.000 ng
RT: 10.12 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	826792		
164	64.5	48.0	88.0	
98	36.9	21.1	61.1	

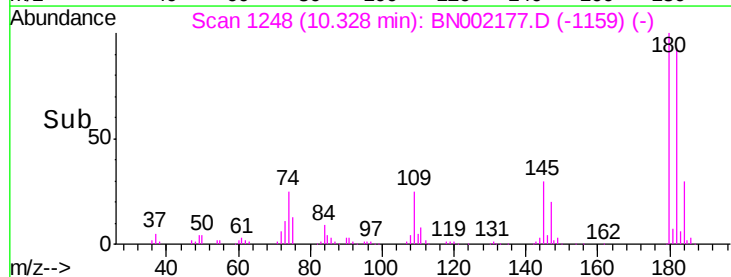
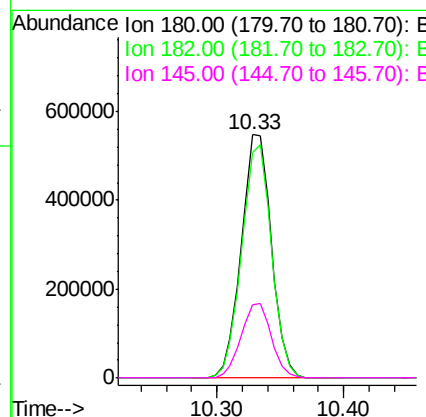
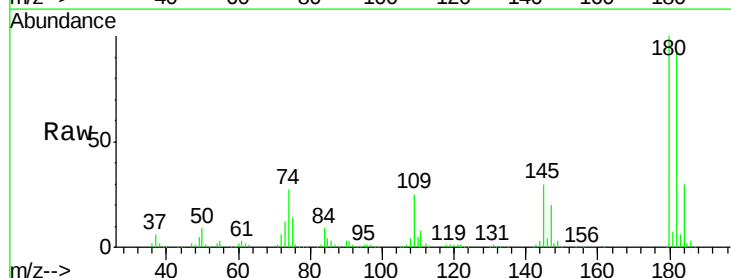
Manual Integrations
APPROVED

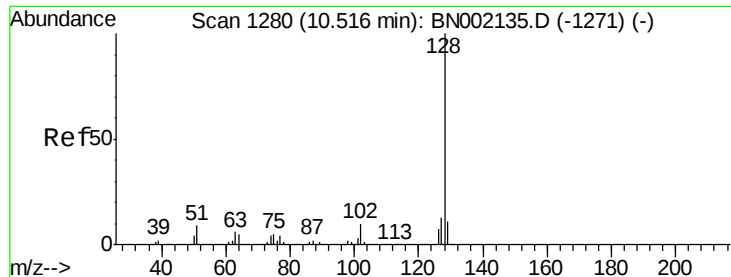
Sohil
7/27/2018 4:18:48 PM



#30
1,2,4-Trichlorobenzene
Concen: 48.133 ng
RT: 10.33 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	901390		
182	92.8	77.5	116.3	
145	30.4	23.4	35.2	





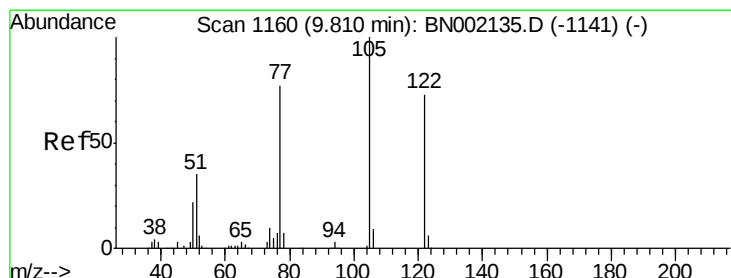
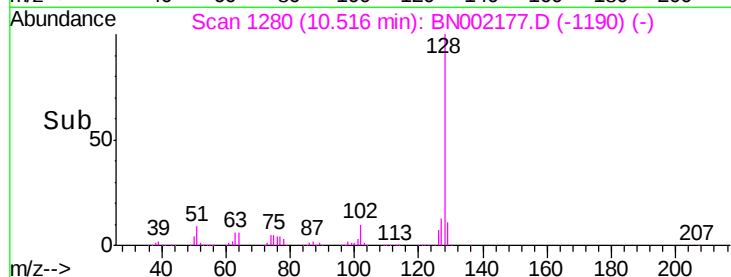
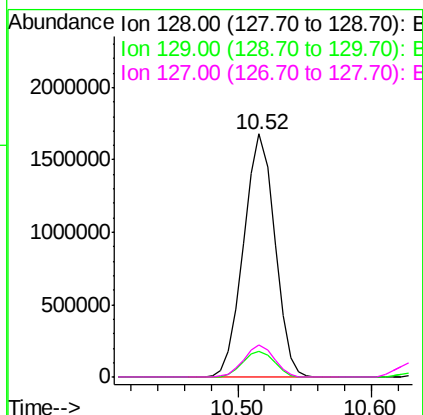
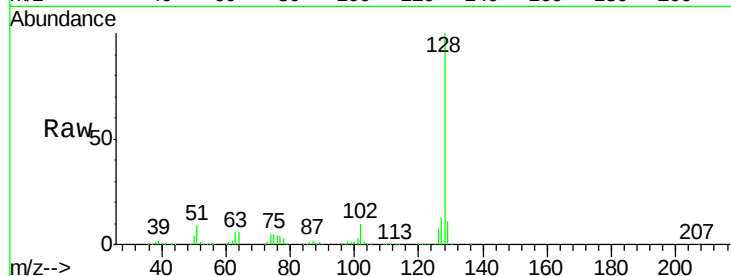
#31
Naphthalene
Concen: 51.527 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.4	11.6	17.4

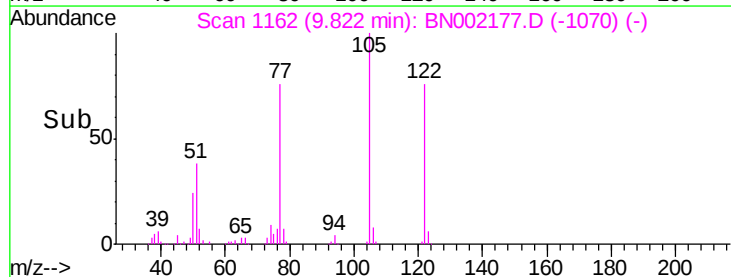
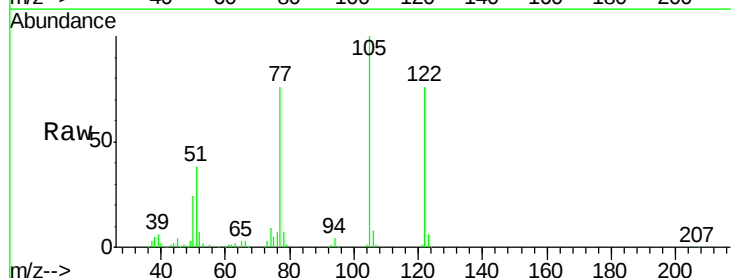
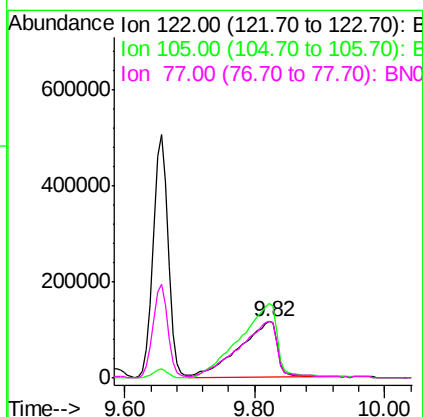
Manual Integrations
APPROVED

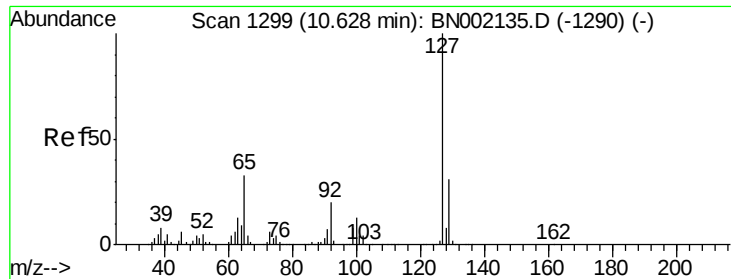
Sohil
7/27/2018 4:18:48 PM



#32
Benzoic acid
Concen: 40.072 ng
RT: 9.82 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.3	123.5	163.5
77	99.5	85.7	125.7





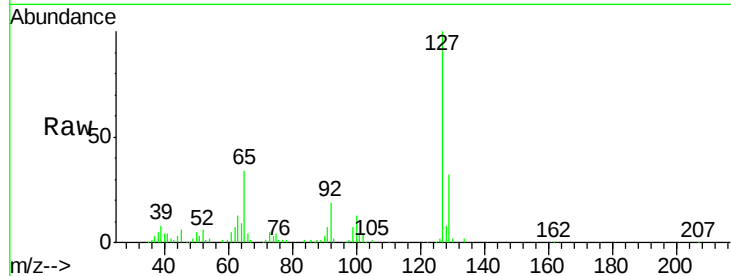
#33
4-Chloroaniline
Concen: 8.608 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

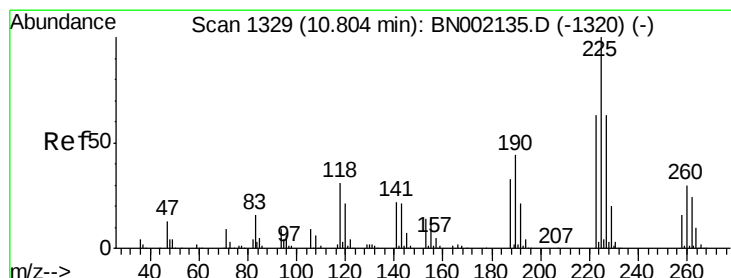
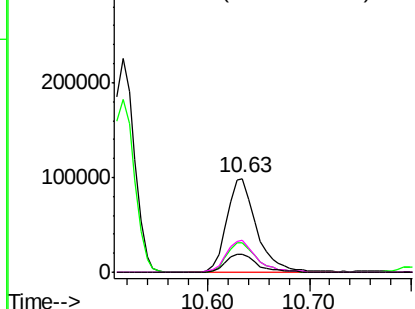
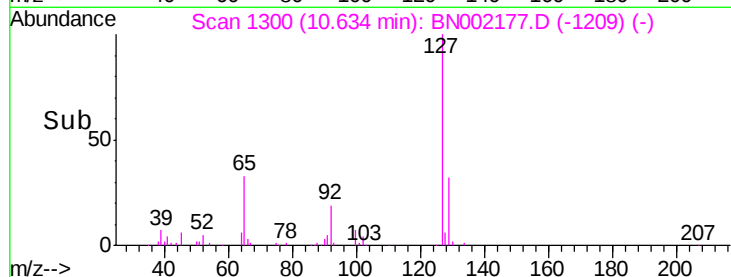
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	201889		
129	31.7	24.0	36.0	
65	33.6	27.0	40.4	
92	18.6	16.6	25.0	

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM

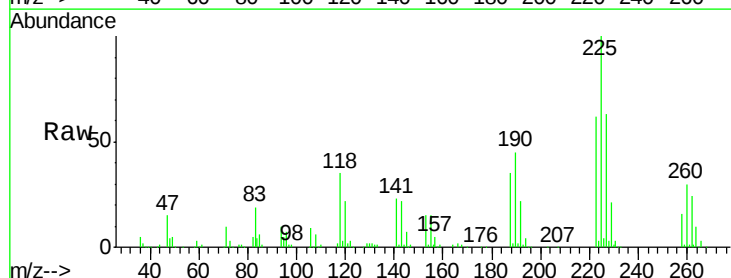


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

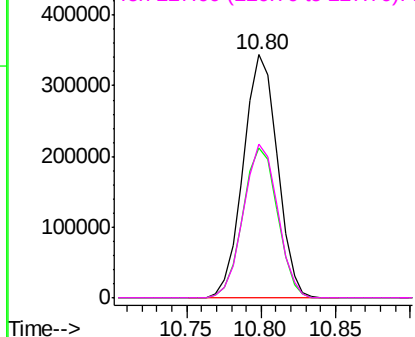
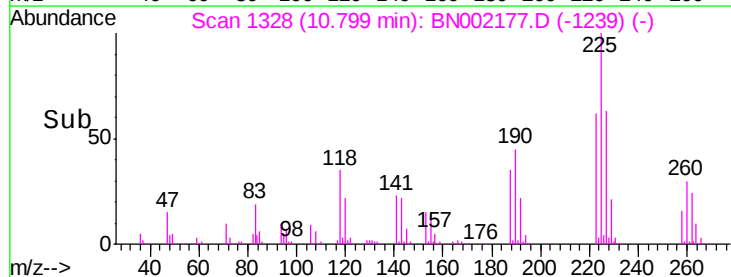


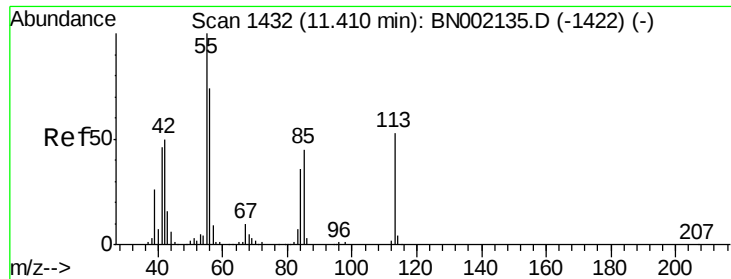
#34
Hexachlorobutadiene
Concen: 47.542 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	545212		
223	61.7	49.7	74.5	
227	63.4	48.1	72.1	



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: 39.999 ng m

RT: 11.41 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

PB111425BS

Tgt Ion:113 Resp: 225725

Ion Ratio Lower Upper

113 100

55 181.3 120.0 160.0#

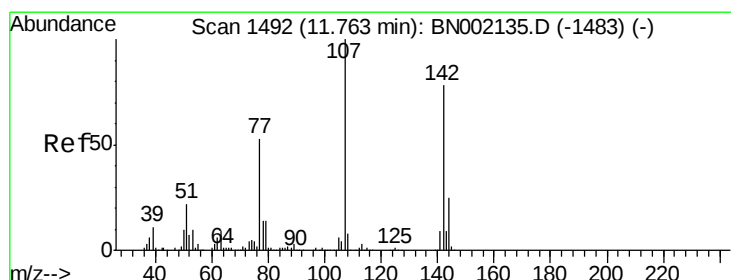
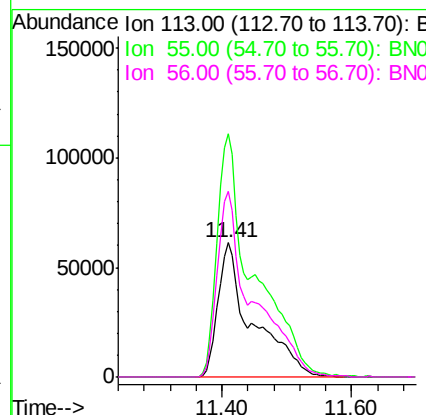
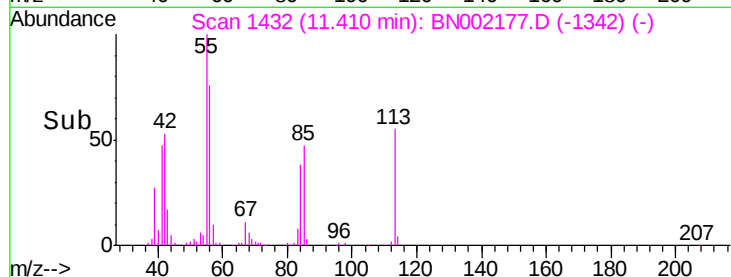
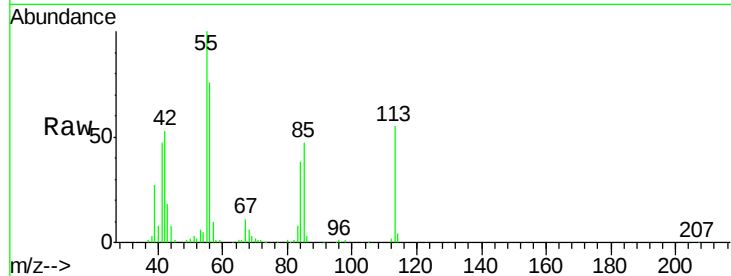
56 138.2 90.0 130.0#

Manual Integrations

APPROVED

Sohil

7/27/2018 4:18:48 PM



#36

4-Chloro-3-methylphenol

Concen: 44.766 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

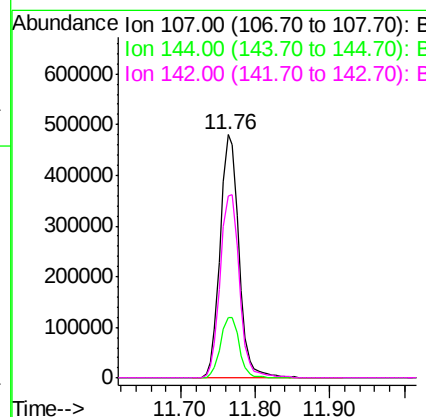
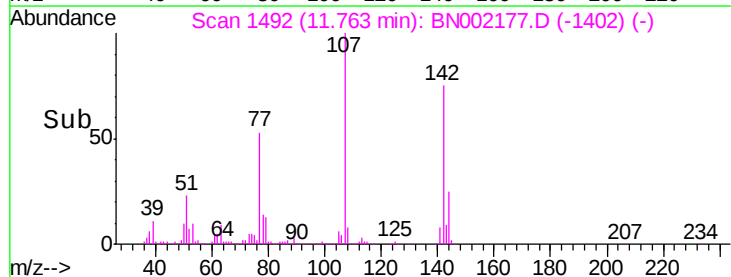
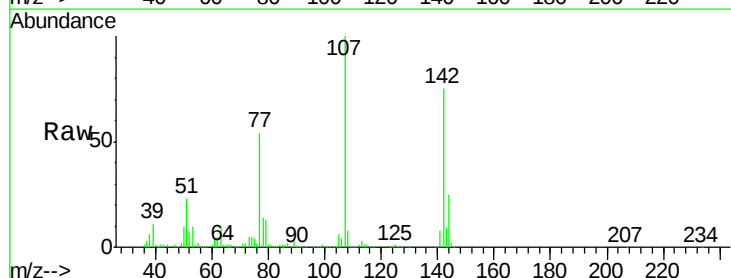
Tgt Ion:107 Resp: 841732

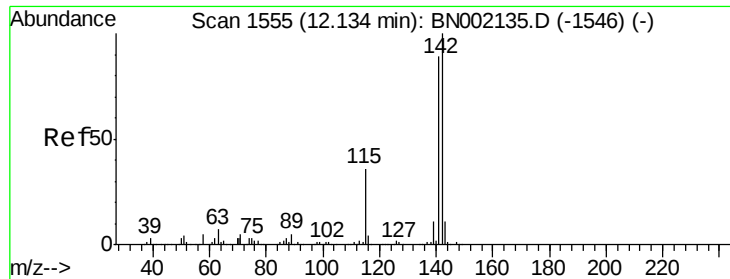
Ion Ratio Lower Upper

107 100

144 24.7 18.2 27.4

142 75.0 59.0 88.4





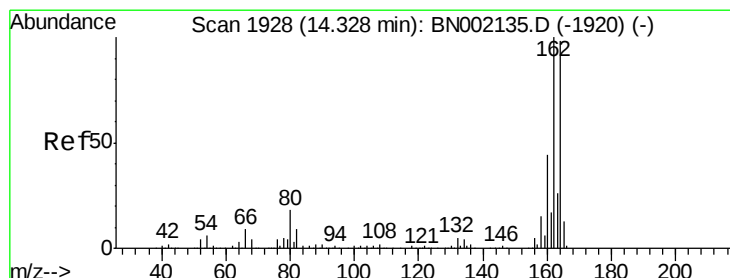
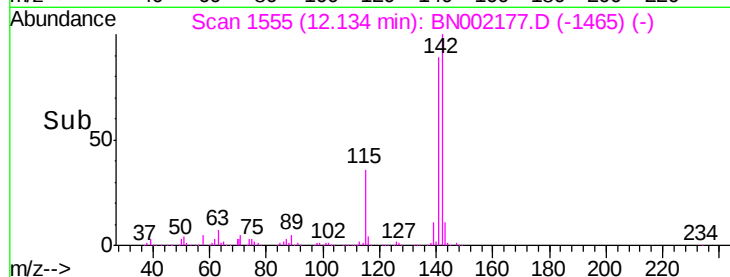
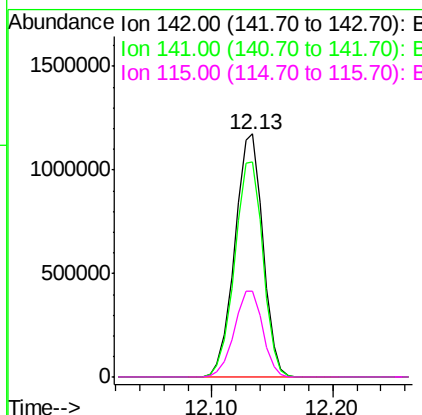
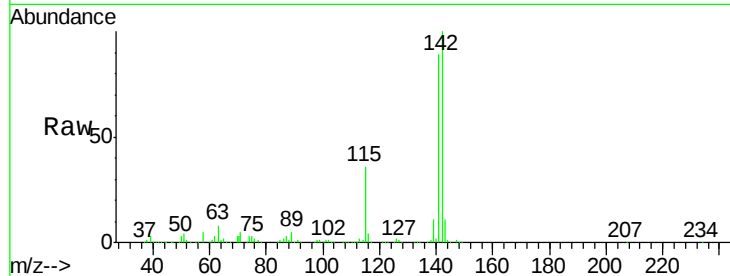
#37
2-Methylnaphthalene
Concen: 51.346 ng
RT: 12.13 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion:142 Resp: 1908937
Ion Ratio Lower Upper
142 100
141 88.7 67.1 100.7
115 35.6 30.7 46.1

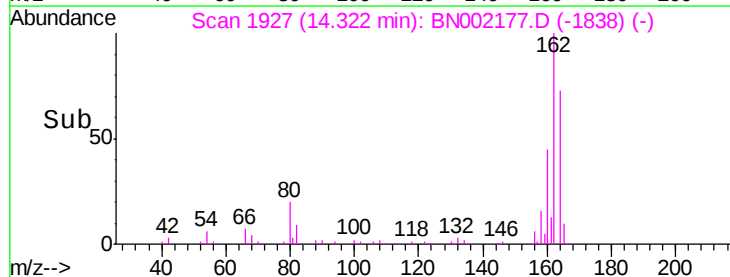
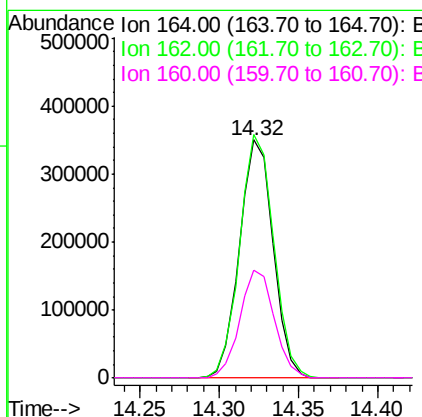
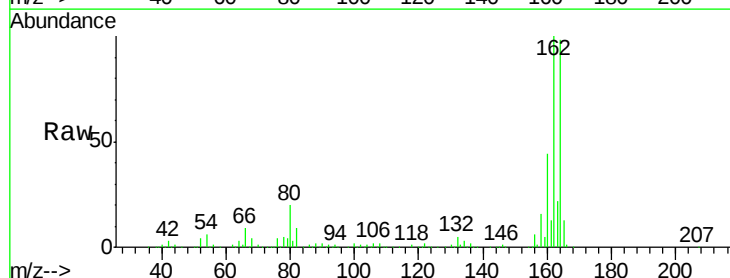
Manual Integrations
APPROVED

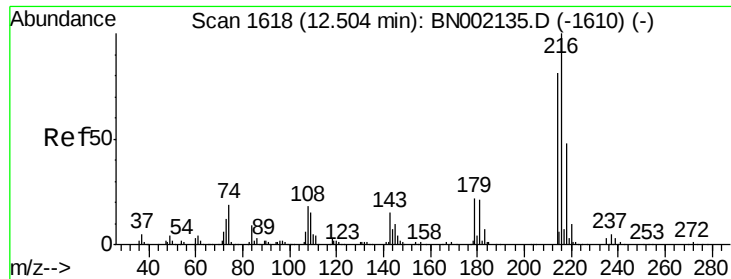
Sohil
7/27/2018 4:18:48 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:164 Resp: 516765
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 45.2 35.4 53.0





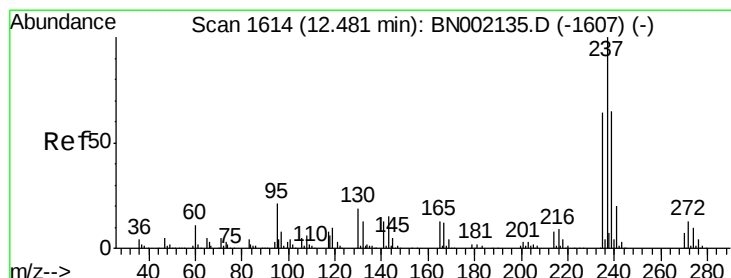
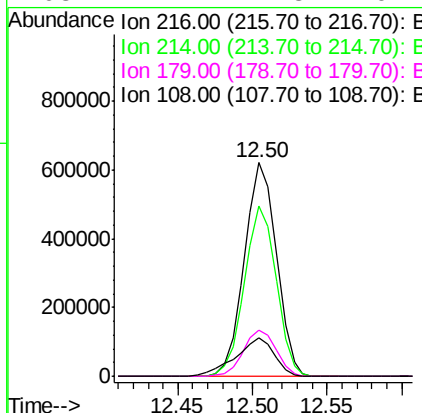
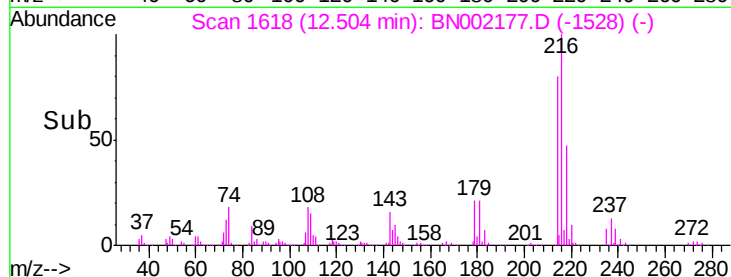
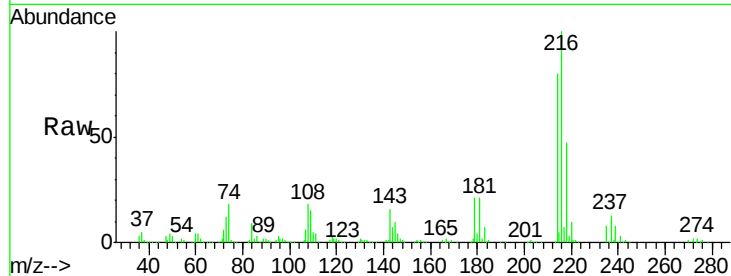
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.208 ng
 RT: 12.50 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	21.9	17.0	25.6
108	22.1	12.8	19.2

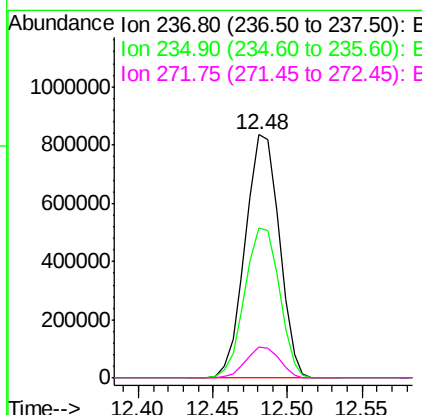
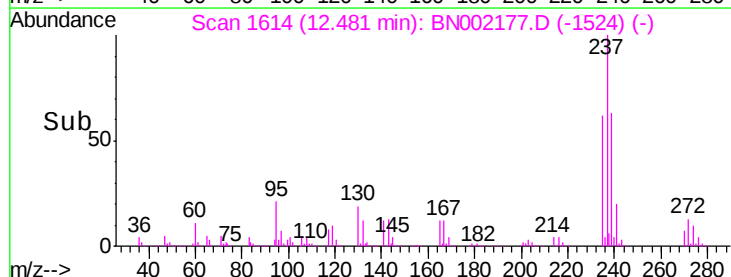
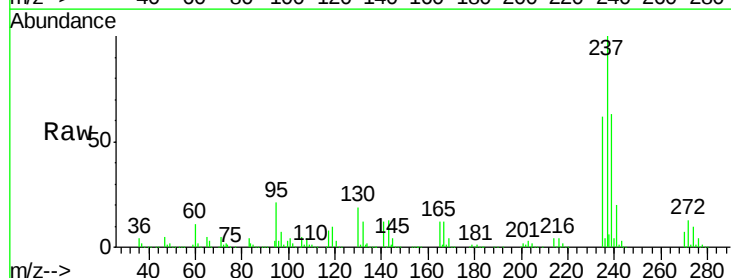
Manual Integrations
 APPROVED

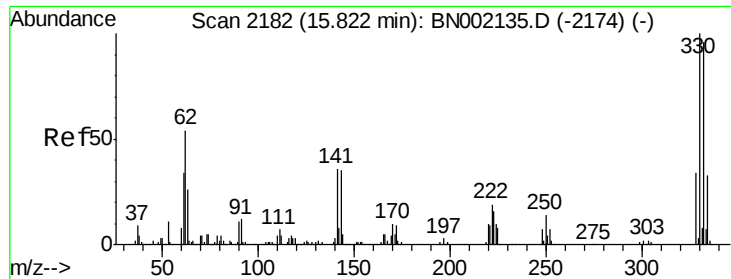
Sohil
 7/27/2018 4:18:48 PM



#40
 Hexachlorocyclopentadiene
 Concen: 134.761 ng
 RT: 12.48 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.9	50.4	90.4
272	12.5	0.0	31.8





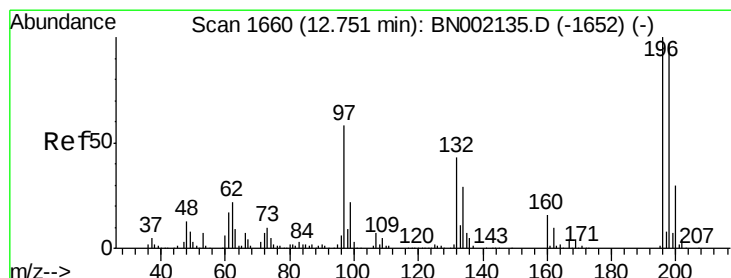
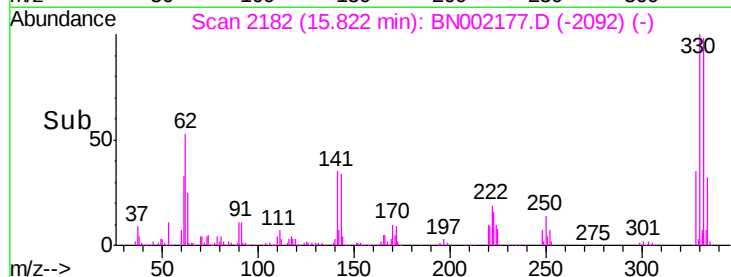
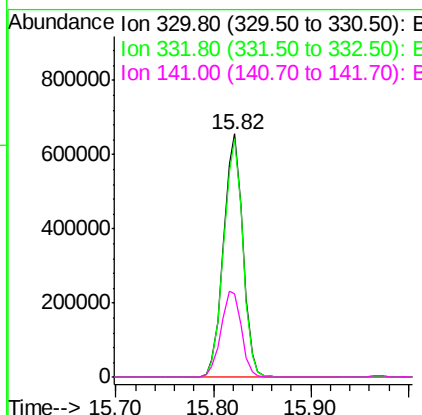
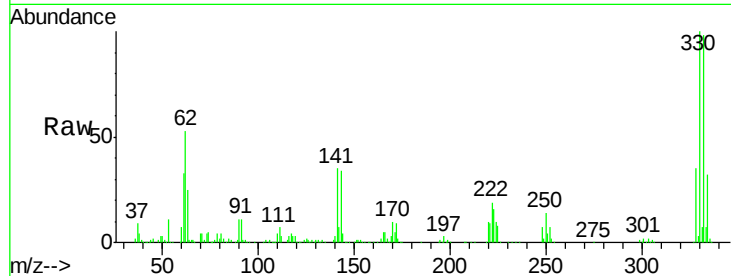
#41
 2,4,6-Tribromophenol
 Concen: 134.791 ng
 RT: 15.82 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	904504		
332	97.3	77.0	115.6	
141	37.4	25.2	37.8	

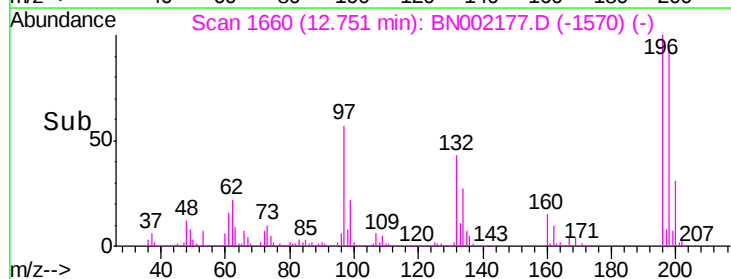
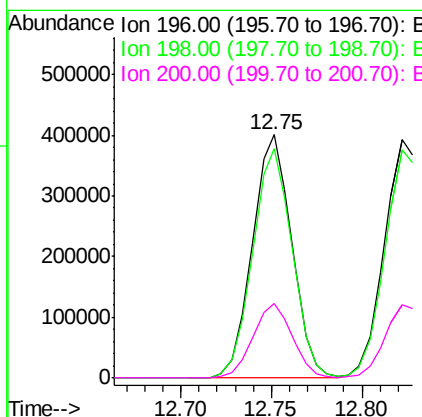
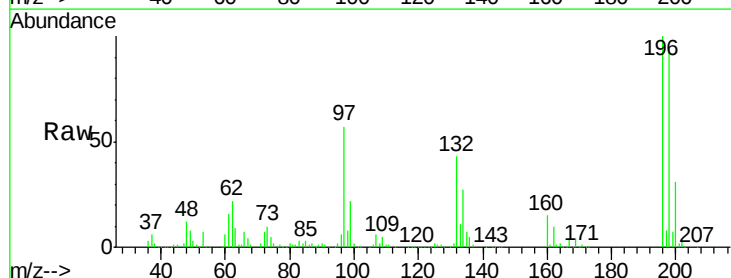
Manual Integrations
 APPROVED

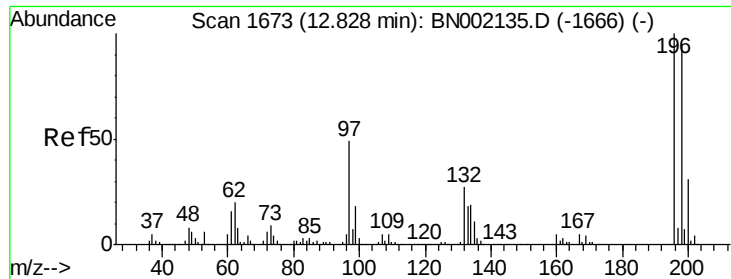
Sohil
 7/27/2018 4:18:48 PM



#42
 2,4,6-Trichlorophenol
 Concen: 51.834 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	604304		
198	94.1	78.2	117.2	
200	30.6	24.6	36.8	





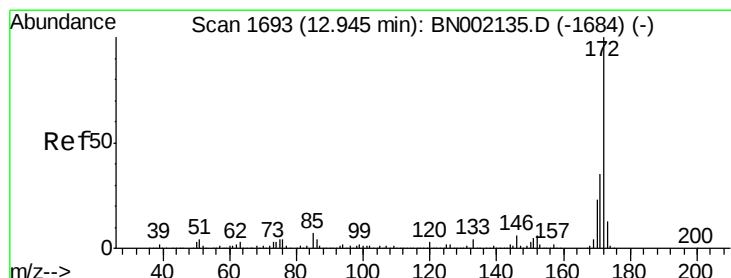
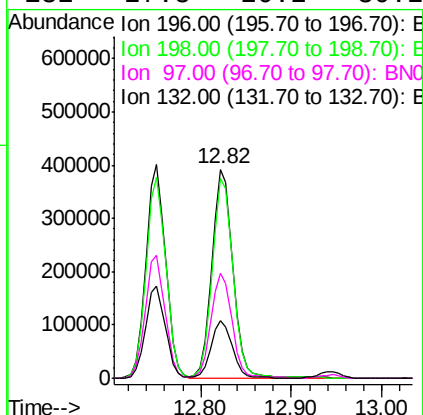
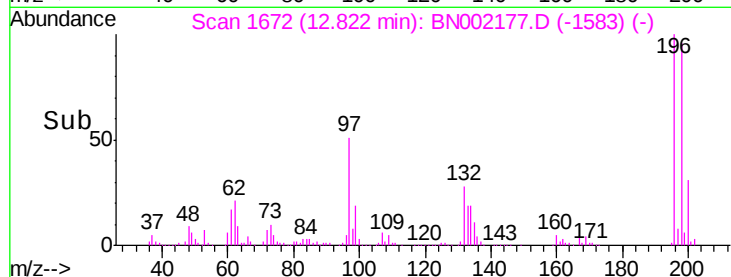
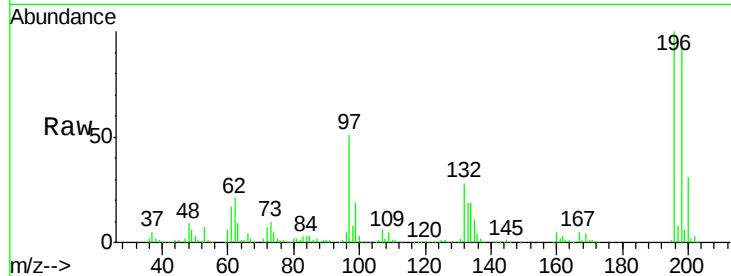
#43
 2,4,5-Trichlorophenol
 Concen: 50.771 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	627002		
198	95.9	76.2	114.4	
97	50.6	38.7	58.1	
132	27.8	20.2	30.2	

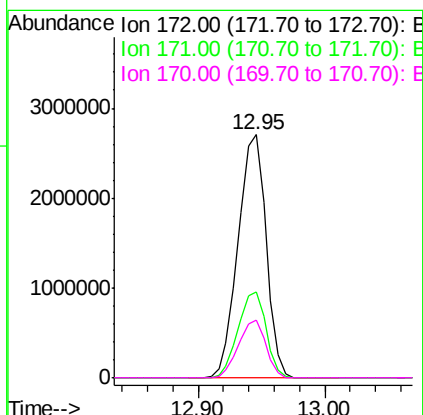
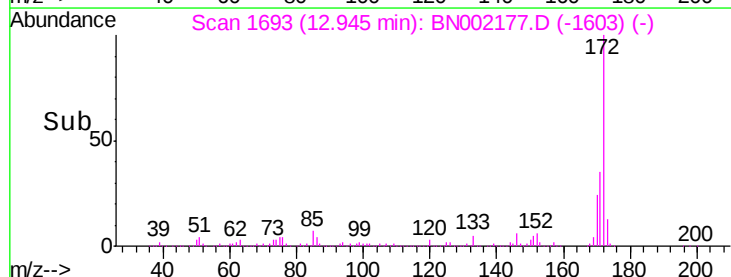
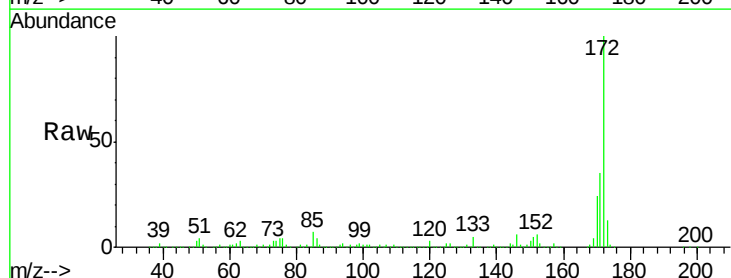
Manual Integrations
 APPROVED

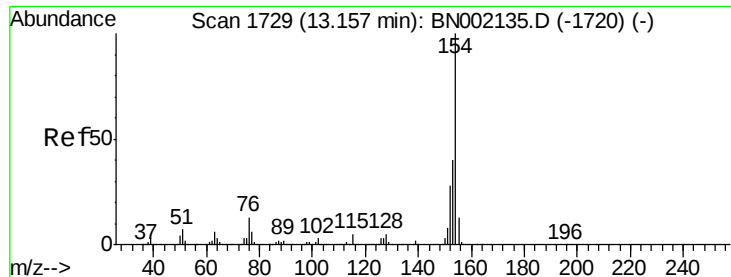
Sohil
 7/27/2018 4:18:48 PM



#44
 2-Fluorobiphenyl
 Concen: 104.866 ng
 RT: 12.95 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4160503		
171	35.4	30.0	45.0	
170	23.7	19.5	29.3	





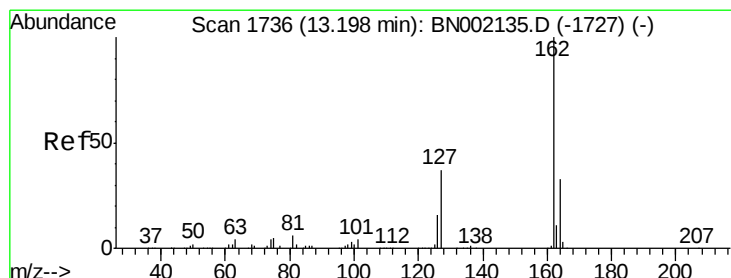
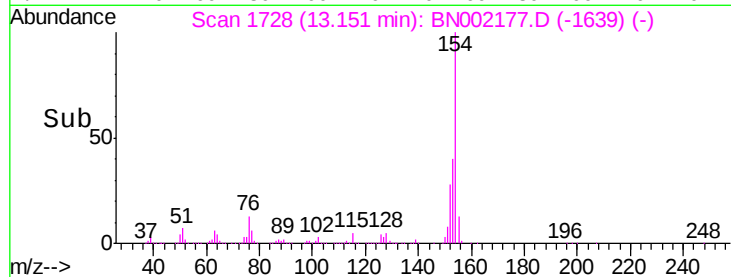
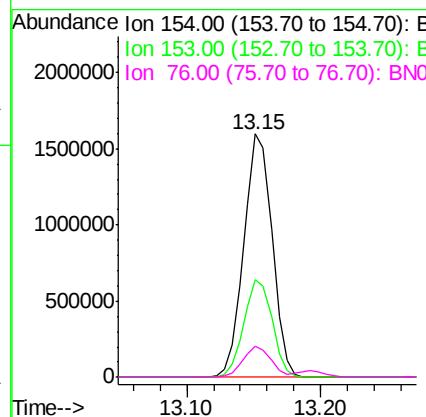
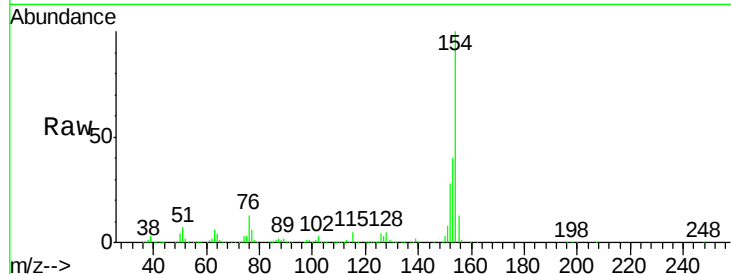
#45
 1,1'-Biphenyl
 Concen: 51.287 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion:154 Resp: 2332197
 Ion Ratio Lower Upper
 154 100
 153 40.2 19.8 59.8
 76 13.0 0.0 31.9

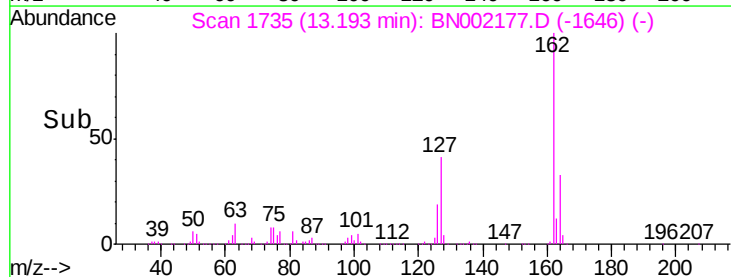
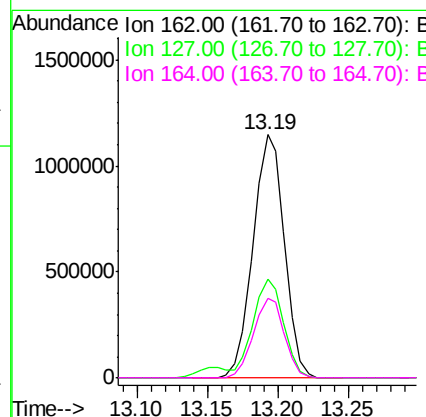
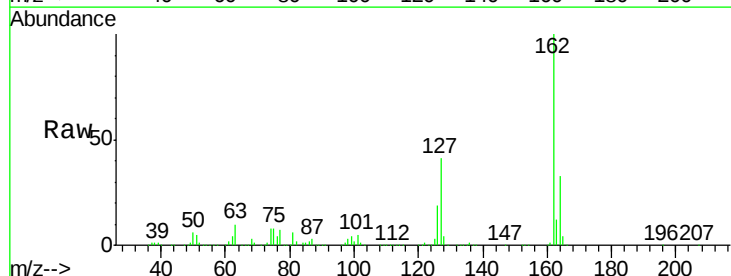
Manual Integrations
 APPROVED

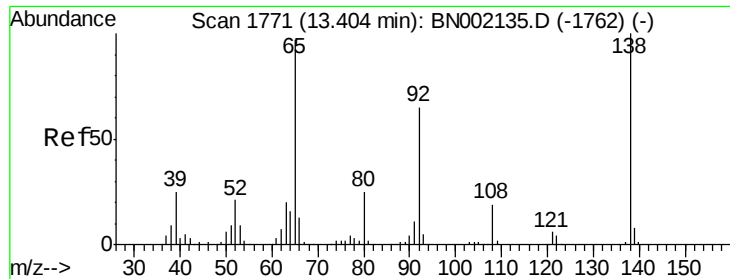
Sohil
 7/27/2018 4:18:48 PM



#46
 2-Chloronaphthalene
 Concen: 51.013 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:162 Resp: 1790558
 Ion Ratio Lower Upper
 162 100
 127 40.5 30.7 46.1
 164 32.6 26.0 39.0





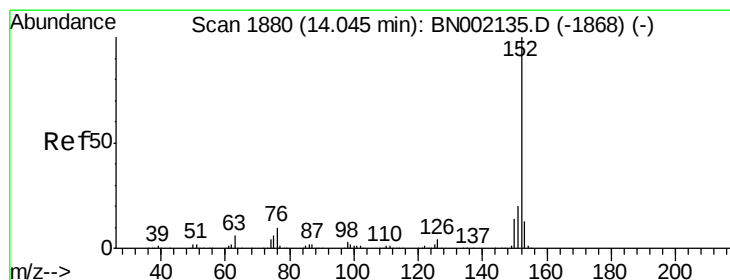
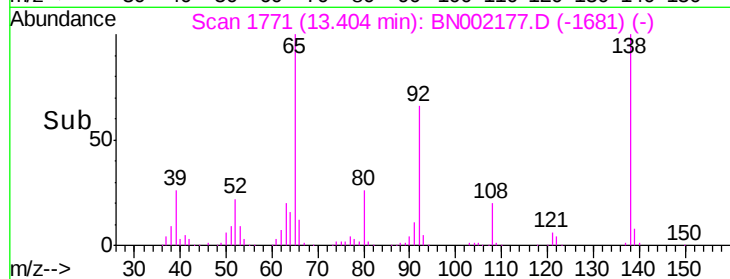
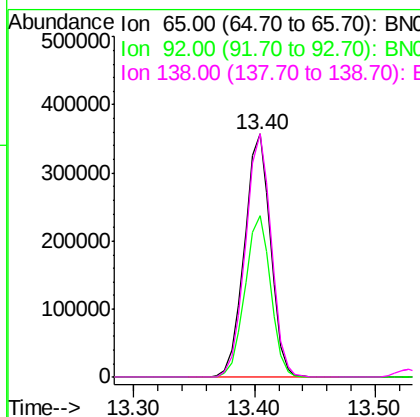
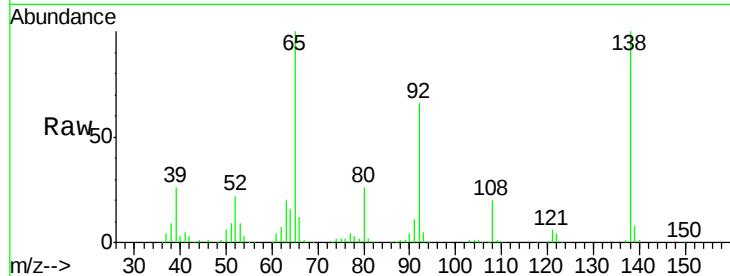
#47
2-Nitroaniline
Concen: 47.870 ng
RT: 13.40 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.6	82.0
138	99.9	72.9	109.3

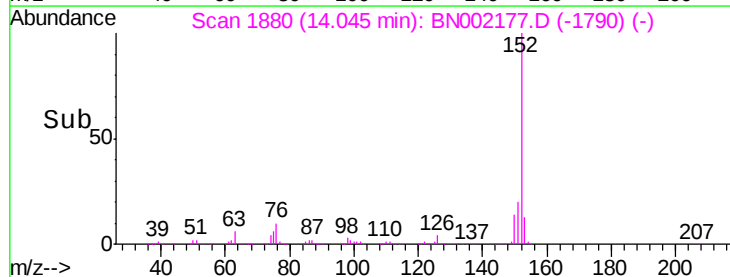
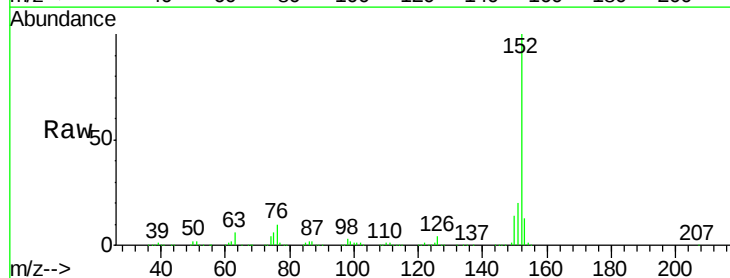
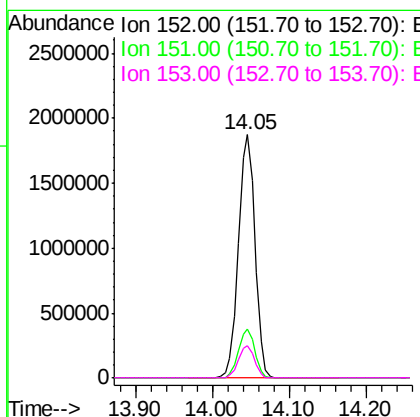
Manual Integrations
APPROVED

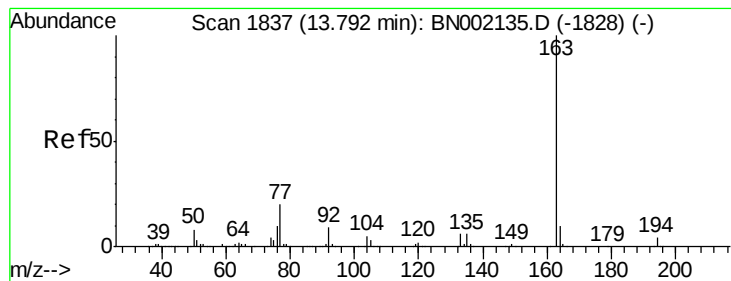
Sohil
7/27/2018 4:18:48 PM



#48
Acenaphthylene
Concen: 53.026 ng
RT: 14.05 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.2	25.8
153	13.1	10.2	15.4





#49

Dimethylphthalate

Concen: 47.656 ng

RT: 13.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

PB111425BS

Tgt Ion:163 Resp: 2045709

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

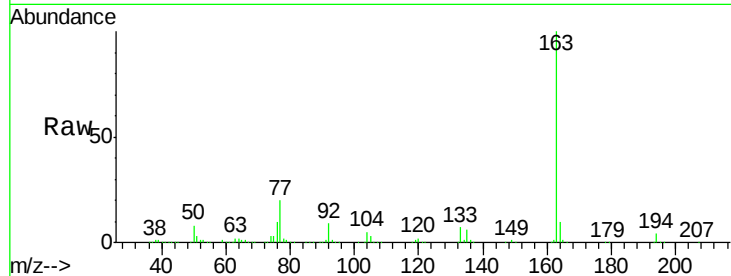
164 10.0 8.2 12.4

Manual Integrations

APPROVED

Sohil

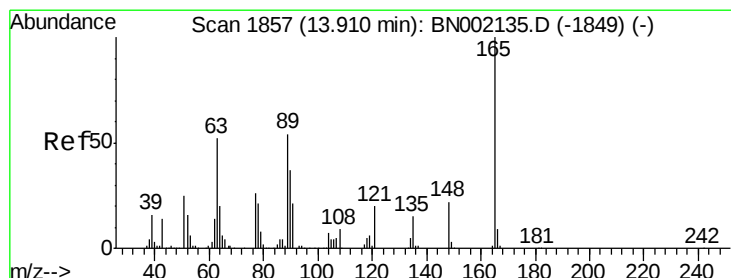
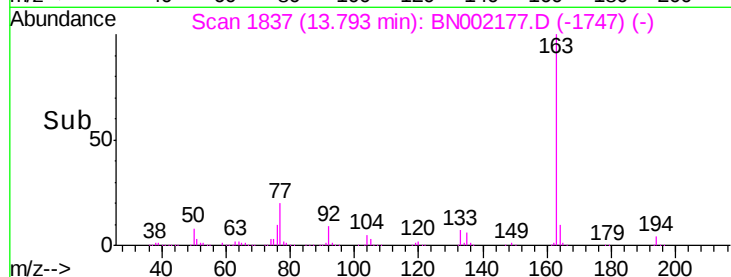
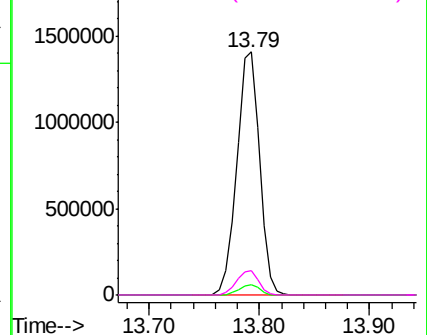
7/27/2018 4:18:48 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.307 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

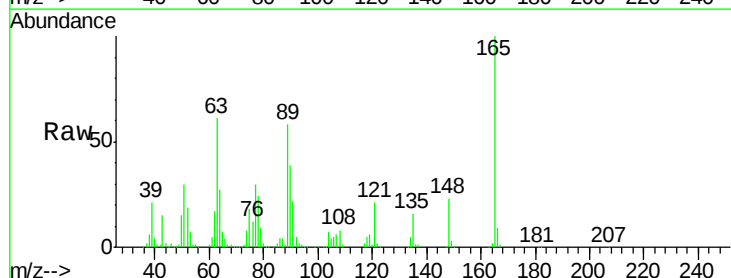
Tgt Ion:165 Resp: 451154

Ion Ratio Lower Upper

165 100

63 61.4 52.7 79.1

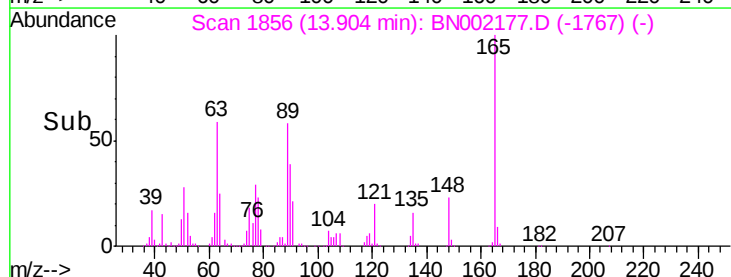
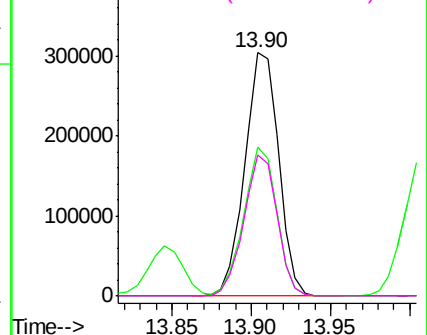
89 58.3 49.2 73.8

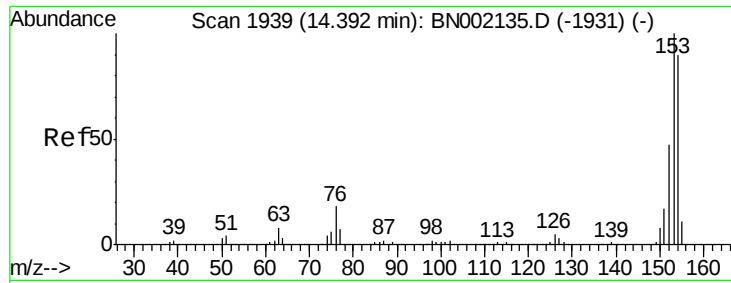


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 50.254 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

PB111425BS

Tgt Ion:154 Resp: 1612369

Ion Ratio Lower Upper

154 100

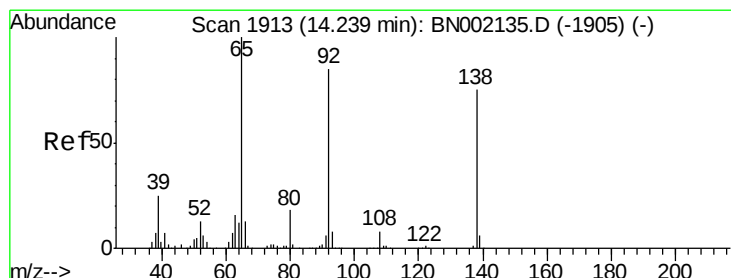
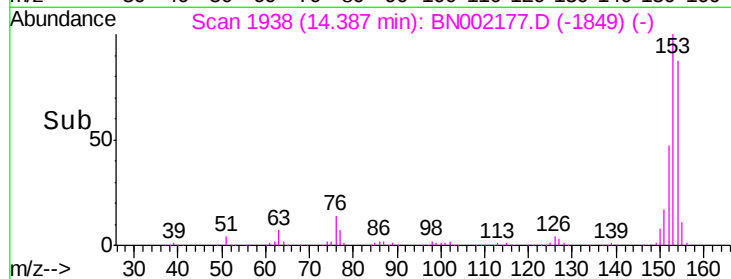
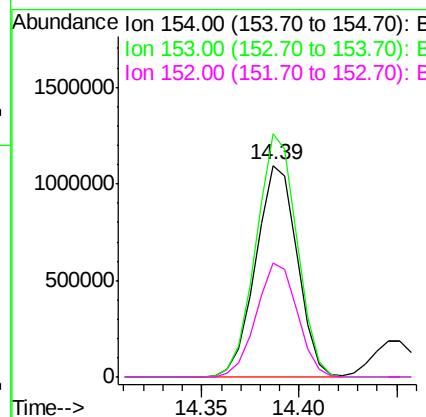
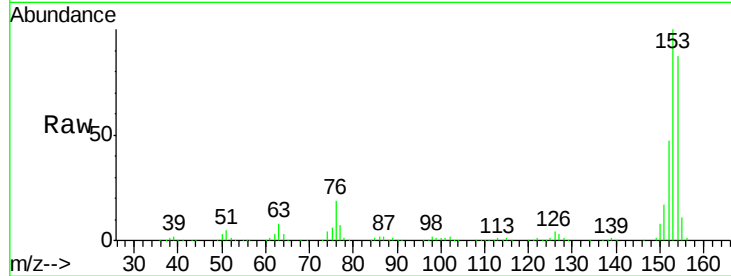
153 114.8 90.4 135.6

152 54.1 41.6 62.4

Manual Integrations
APPROVED

Sohil

7/27/2018 4:18:48 PM



#52

3-Nitroaniline

Concen: 14.426 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

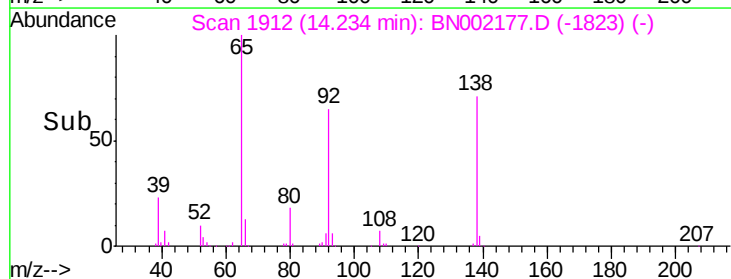
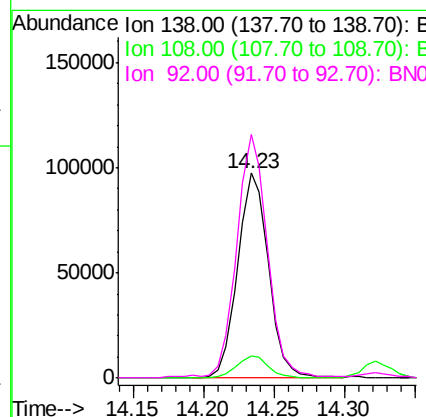
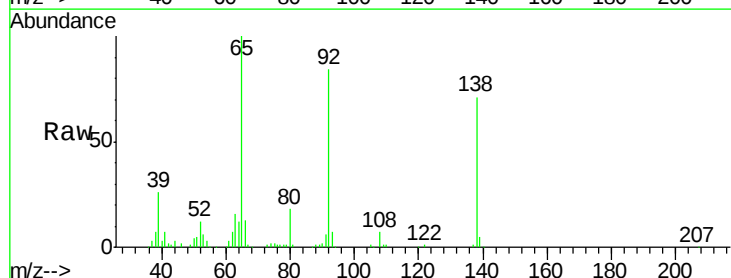
Tgt Ion:138 Resp: 149060

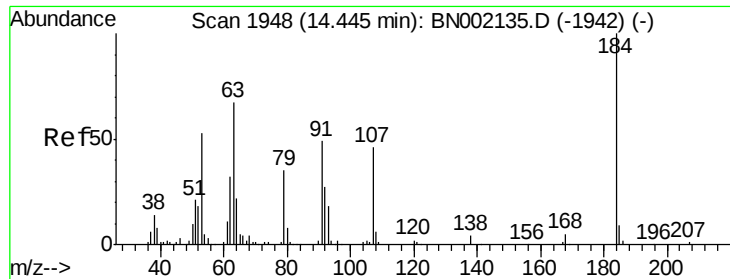
Ion Ratio Lower Upper

138 100

108 10.6 17.5 26.3#

92 118.8 105.8 158.8





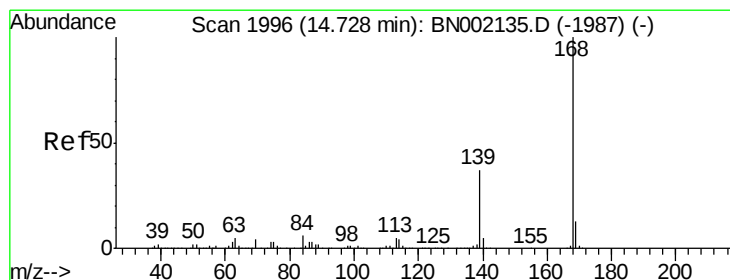
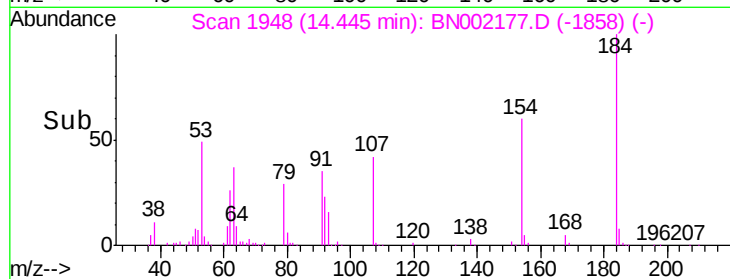
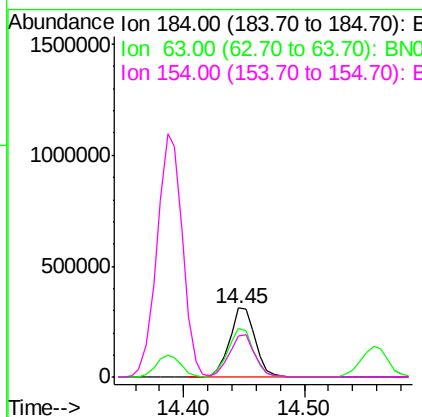
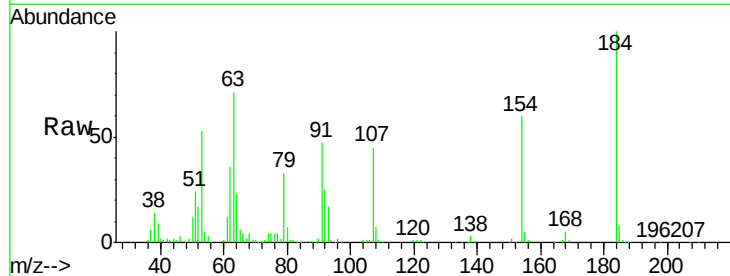
#53
 2,4-Dinitrophenol
 Concen: 93.296 ng
 RT: 14.45 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampled :
 PB111425BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	471113		
63	71.1	56.0	84.0	
154	60.4	48.0	72.0	

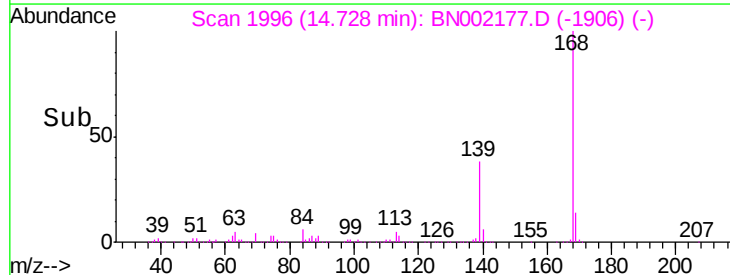
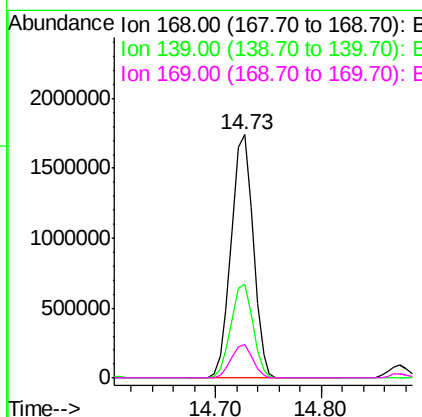
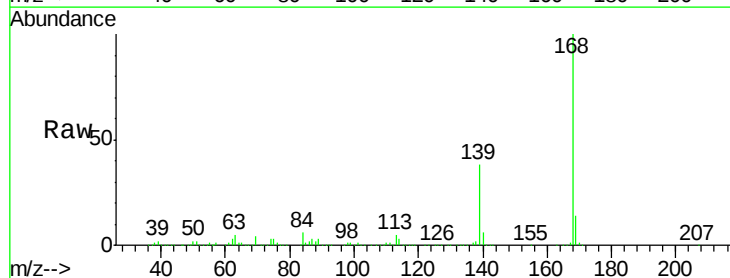
Manual Integrations
 APPROVED

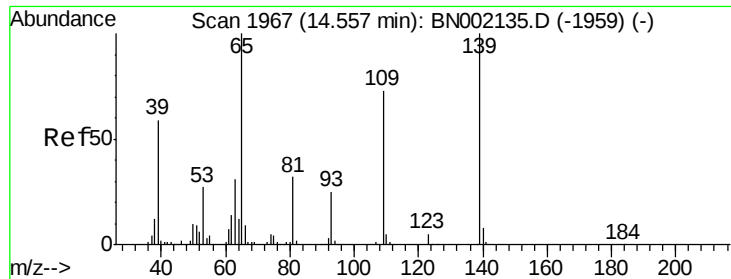
Sohil
 7/27/2018 4:18:48 PM



#54
 Dibenzofuran
 Concen: 48.015 ng
 RT: 14.73 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2497652		
139	38.4	28.6	43.0	
169	13.6	11.2	16.8	





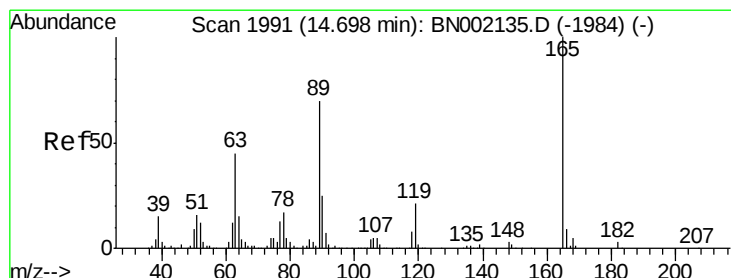
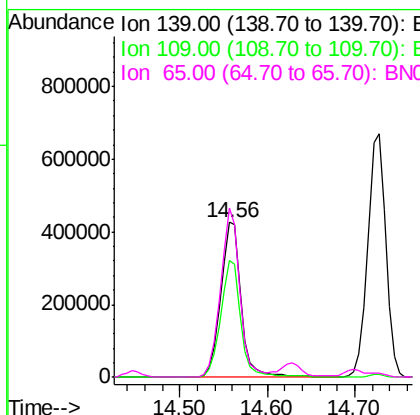
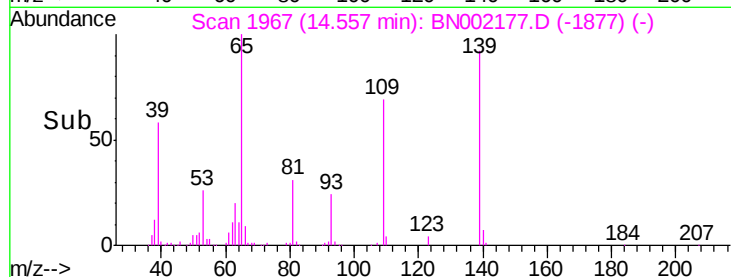
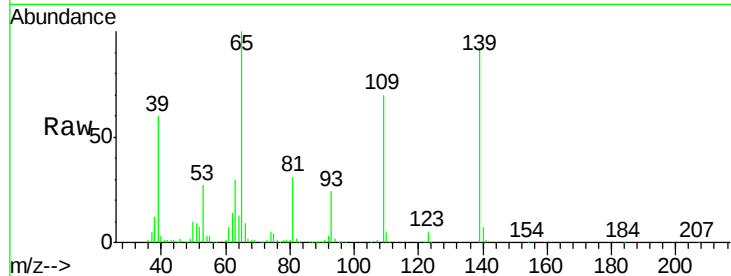
#55
4-Nitrophenol
Concen: 87.577 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampled :
PB111425BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	694740		
109	75.9	62.2	102.2	
65	109.1	97.2	137.2	

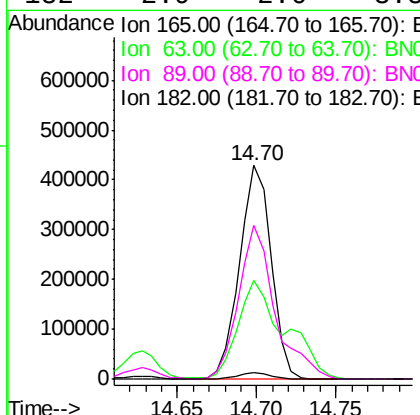
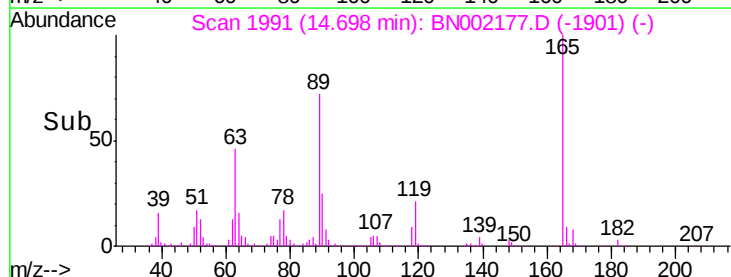
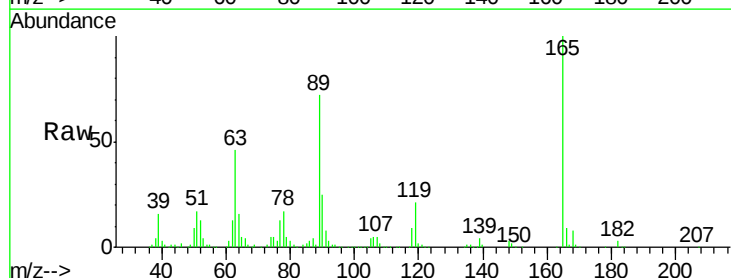
Manual Integrations
APPROVED

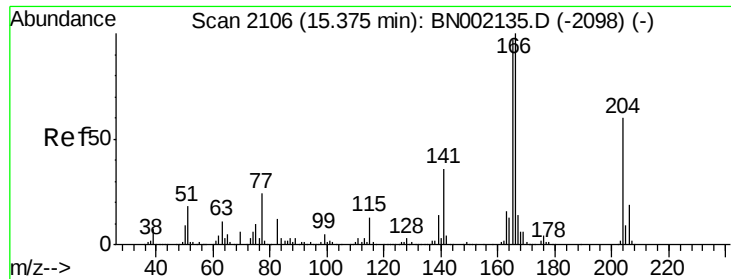
Sohil
7/27/2018 4:18:48 PM



#56
2,4-Dinitrotoluene
Concen: 45.994 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	595304		
63	46.3	42.0	63.0	
89	71.7	66.9	100.3	
182	2.9	2.6	3.8	





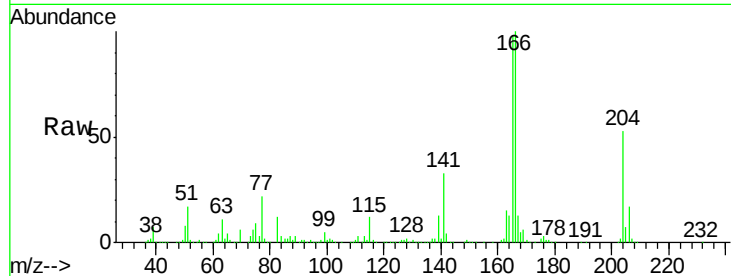
#57
Fluorene
 Concen: 50.070 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

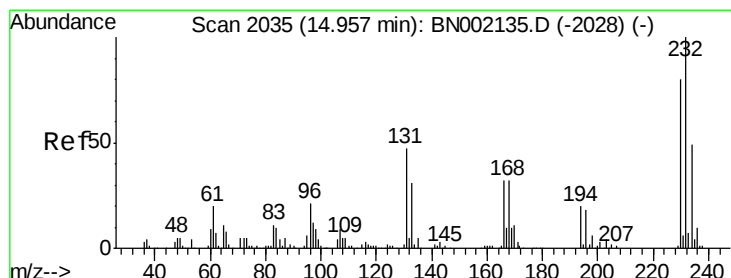
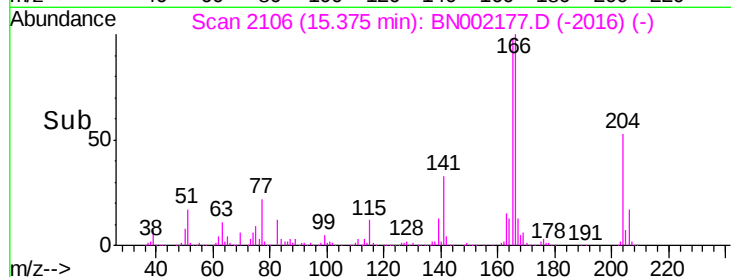
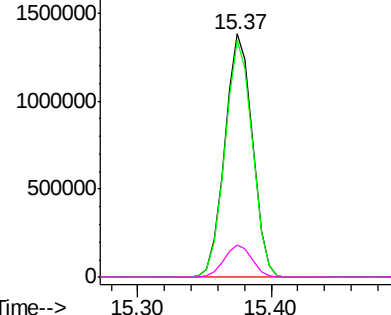
Tgt Ion:166 Resp: 1963136
 Ion Ratio Lower Upper
 166 100
 165 97.6 80.6 121.0
 167 13.3 10.4 15.6

Manual Integrations
 APPROVED

Sohil
 7/27/2018 4:18:48 PM



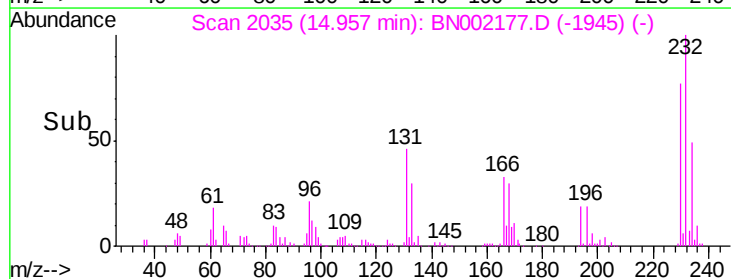
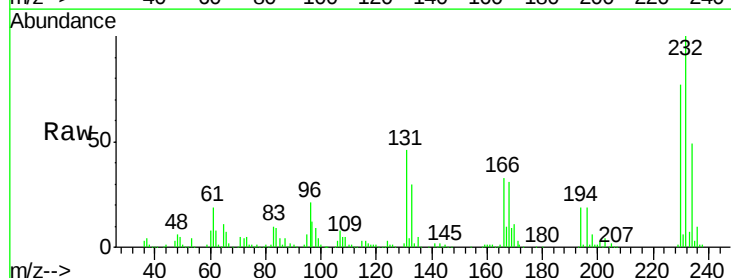
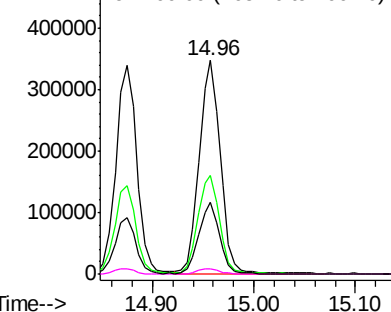
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

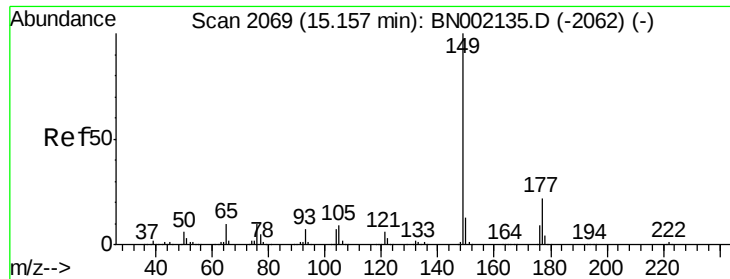


#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.335 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:232 Resp: 502733
 Ion Ratio Lower Upper
 232 100
 131 46.8 33.5 50.3
 130 2.3 2.2 3.2
 166 32.7 24.8 37.2

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





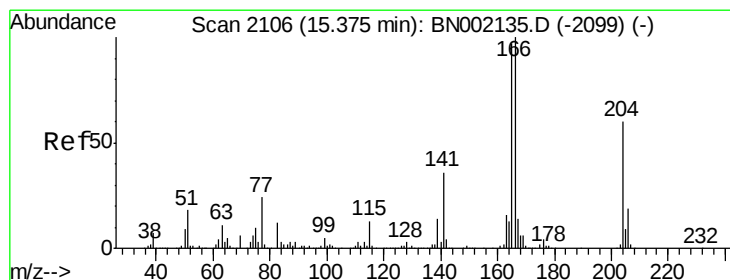
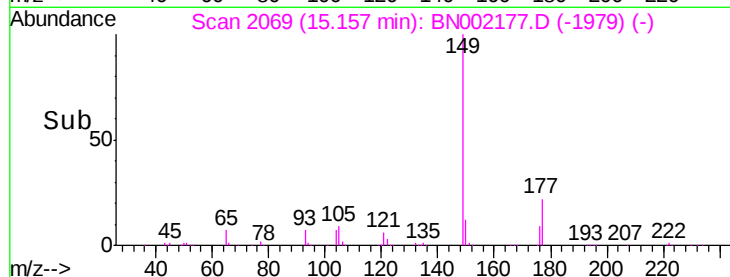
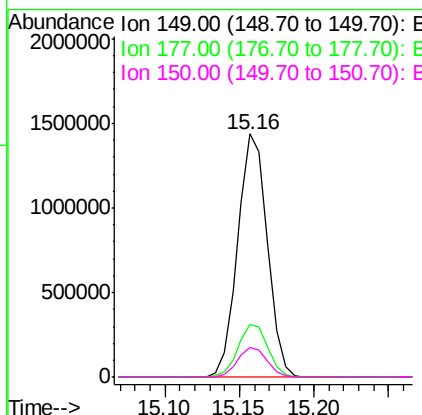
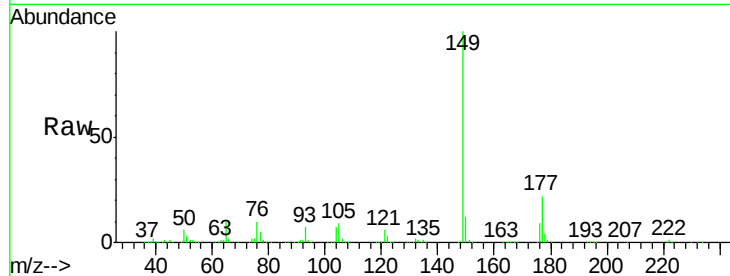
#59
Diethylphthalate
Concen: 45.301 ng
RT: 15.16 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion:149 Resp: 1979254
Ion Ratio Lower Upper
149 100
177 21.8 18.5 27.7
150 12.4 10.2 15.2

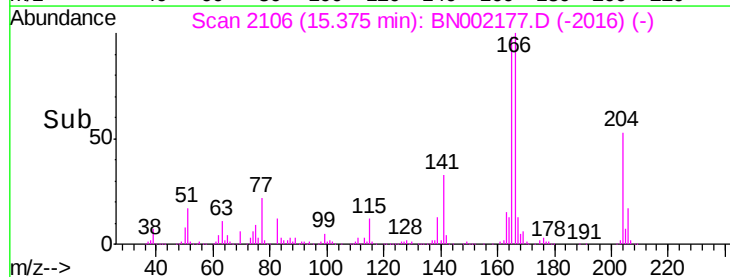
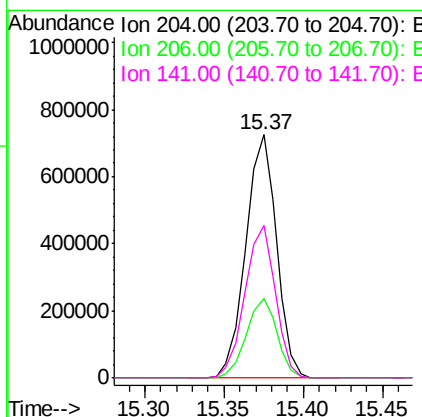
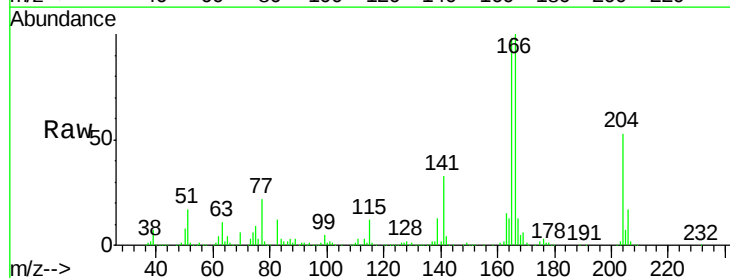
Manual Integrations
APPROVED

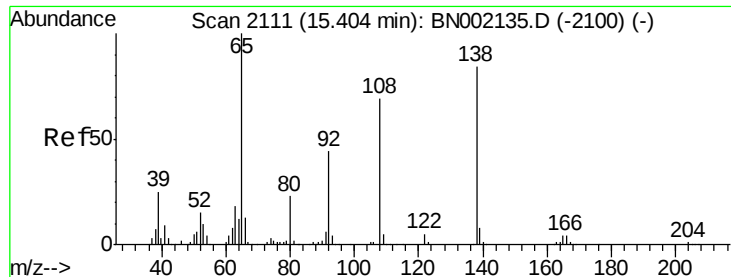
Sohil
7/27/2018 4:18:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.126 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:204 Resp: 979014
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 62.6 45.8 68.6





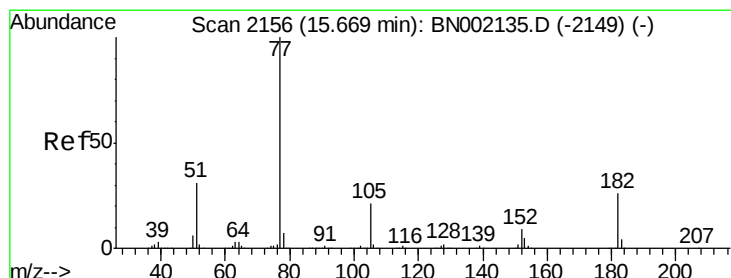
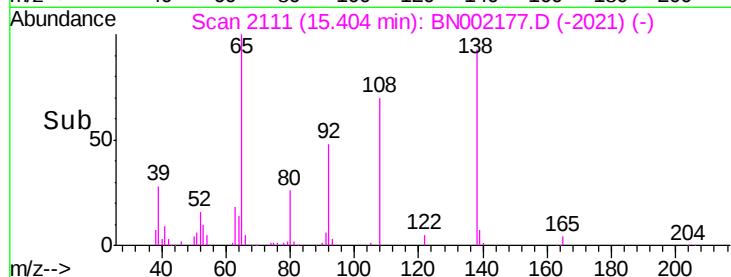
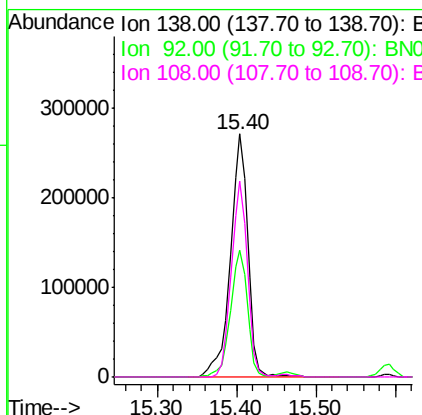
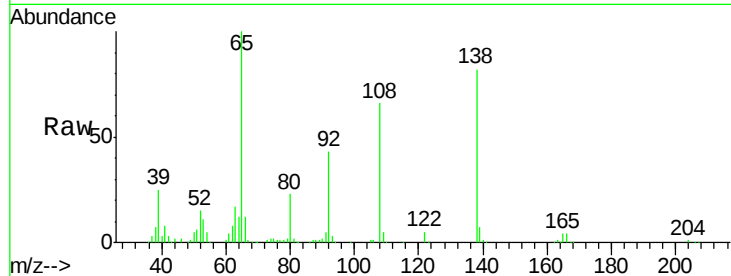
#61
4-Nitroaniline
Concen: 39.628 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	40.1	80.1
108	80.5	65.4	105.4

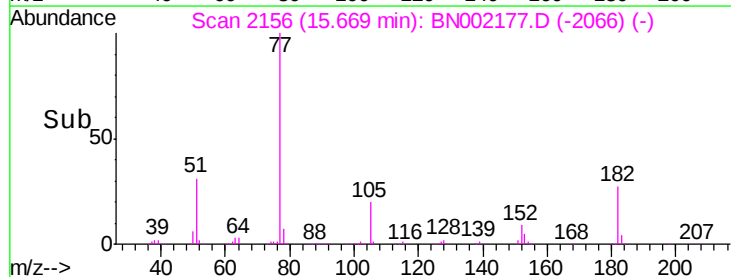
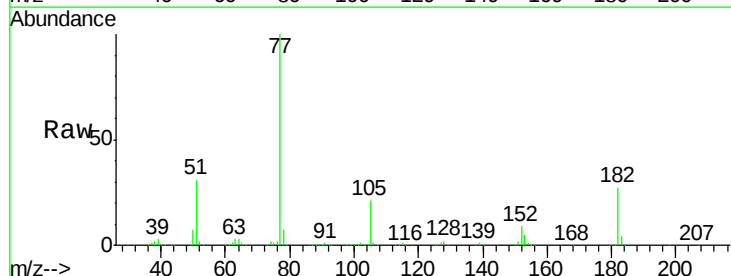
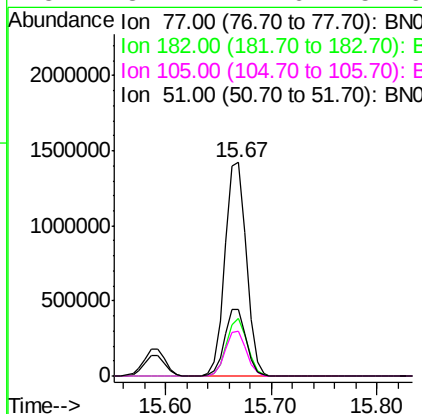
Manual Integrations
APPROVED

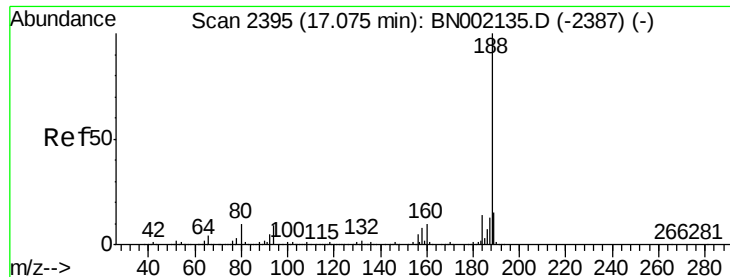
Sohil
7/27/2018 4:18:48 PM



#62
Azobenzene
Concen: 47.481 ng
RT: 15.67 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.4	47.4
105	21.0	0.3	40.3
51	31.2	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

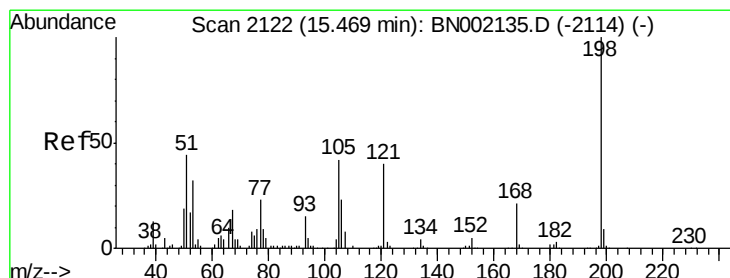
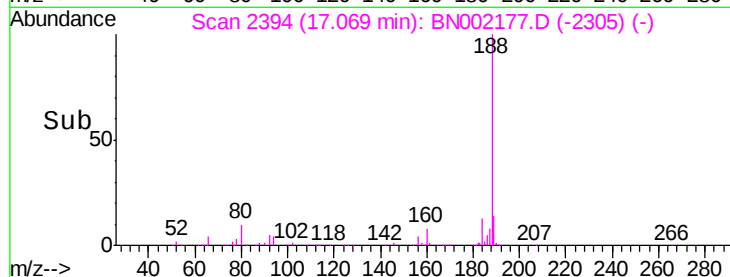
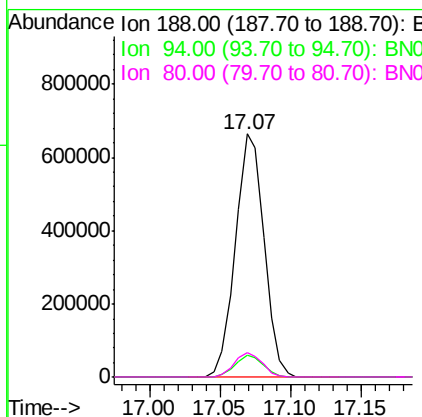
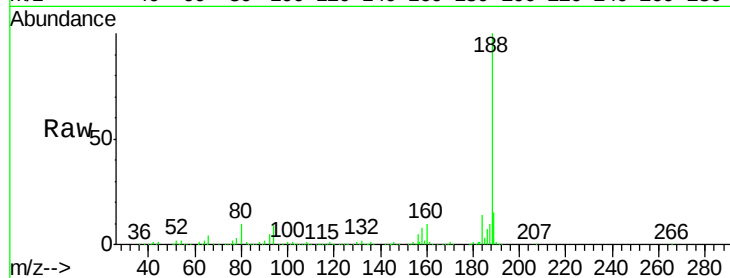
ClientSampleId :

PB111425BS

Tgt Ion:	188	Resp:	943553
Ion Ratio	Lower	Upper	
188	100		
94	9.3	6.9	10.3
80	10.2	7.7	11.5

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 48.260 ng

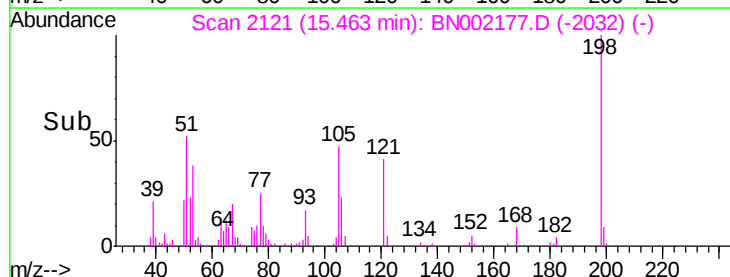
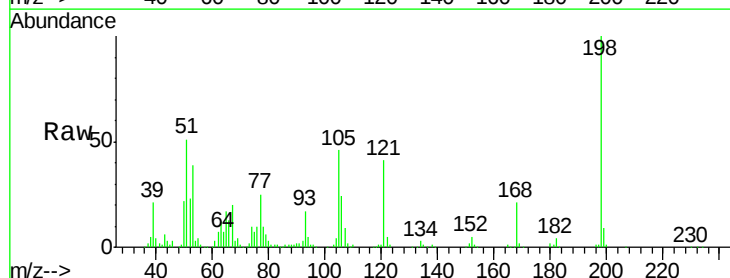
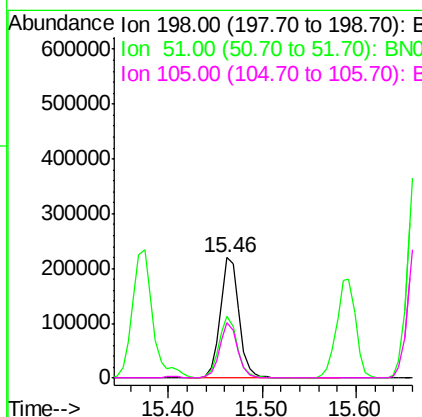
RT: 15.46 min Scan# 2121

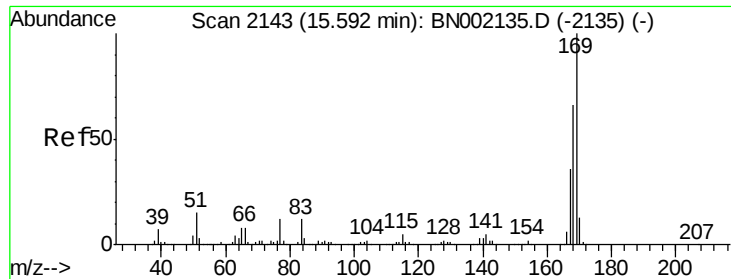
Delta R.T. -0.01 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:	198	Resp:	307426
Ion Ratio	Lower	Upper	
198	100		
51	50.9	30.6	70.6
105	46.2	23.8	63.8





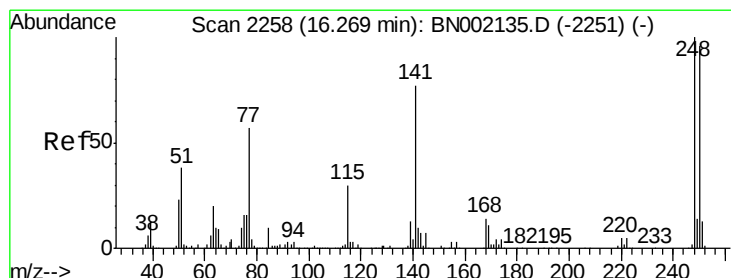
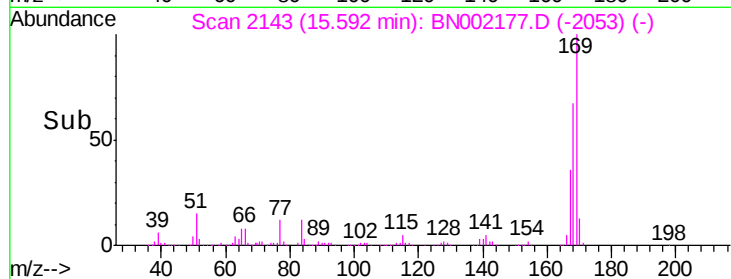
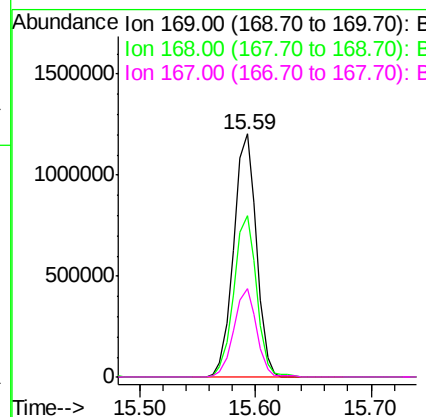
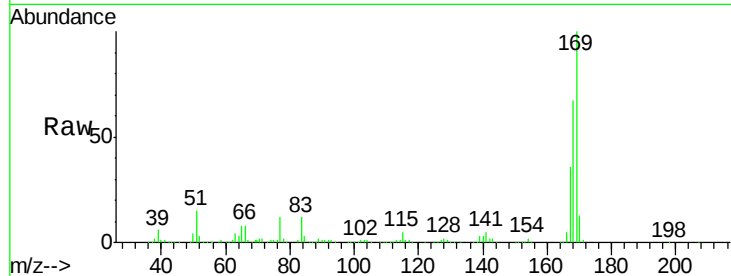
#65
 n-Nitrosodiphenylamine
 Concen: 52.333 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	55.7	83.5
167	36.2	30.1	45.1

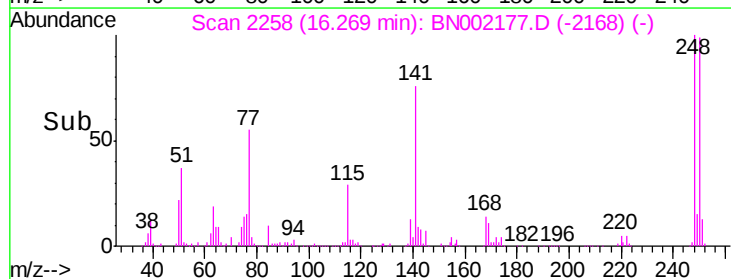
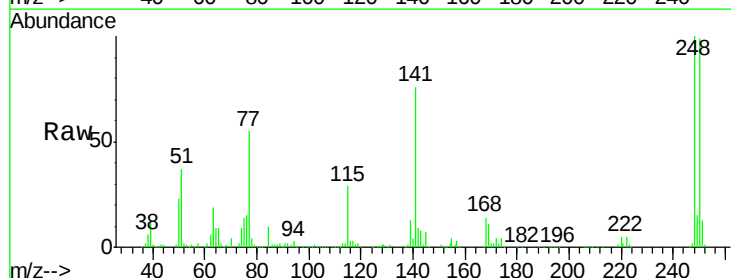
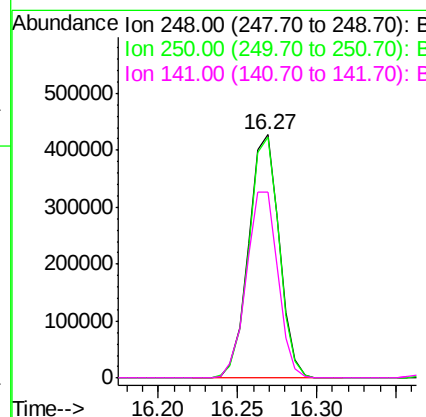
Manual Integrations
 APPROVED

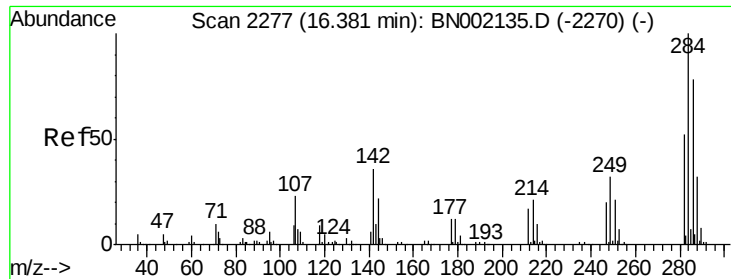
Sohil
 7/27/2018 4:18:48 PM



#66
 4-Bromophenyl-phenylether
 Concen: 51.879 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.1	115.7
141	76.5	50.8	76.2





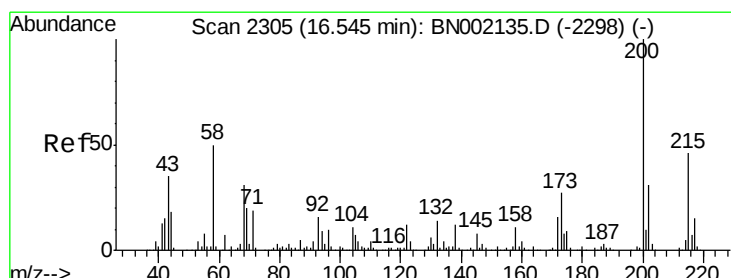
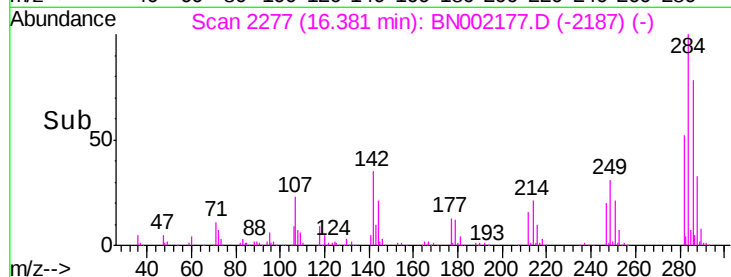
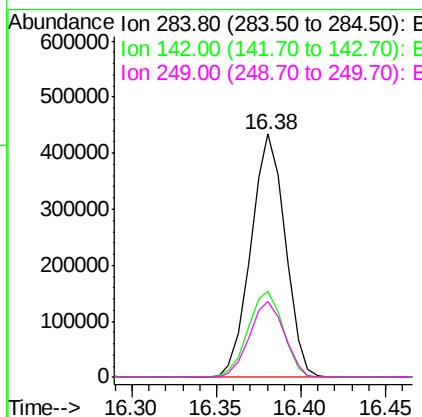
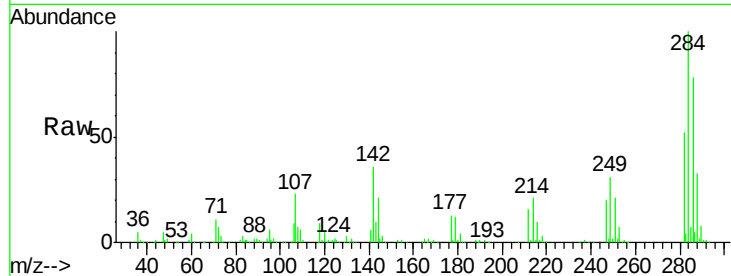
#67
Hexachlorobenzene
Concen: 50.344 ng
RT: 16.38 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	615090		
142	35.5	26.8	40.2	
249	31.4	26.3	39.5	

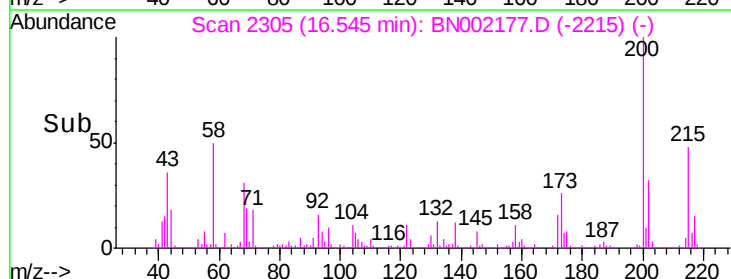
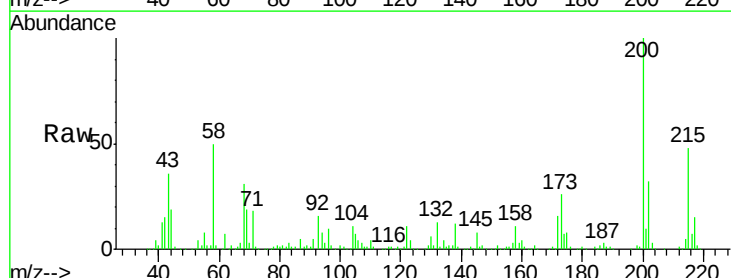
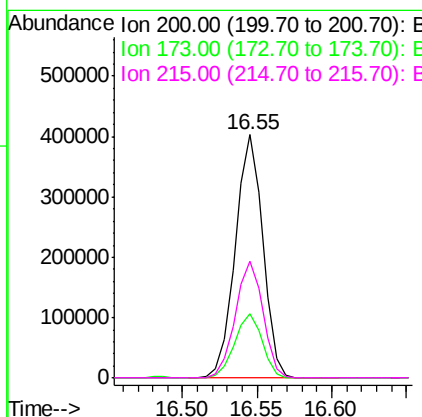
Manual Integrations
APPROVED

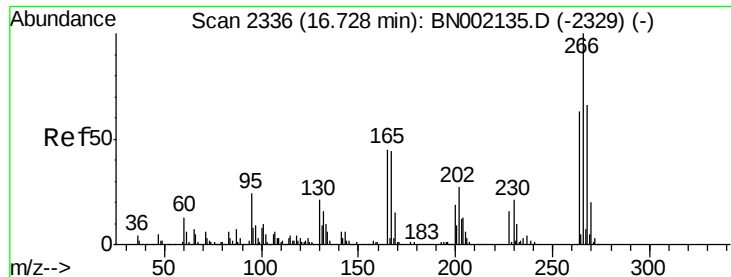
Sohil
7/27/2018 4:18:48 PM



#68
Atrazine
Concen: 49.243 ng
RT: 16.55 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	519090		
173	26.3	5.2	45.2	
215	48.1	30.4	70.4	





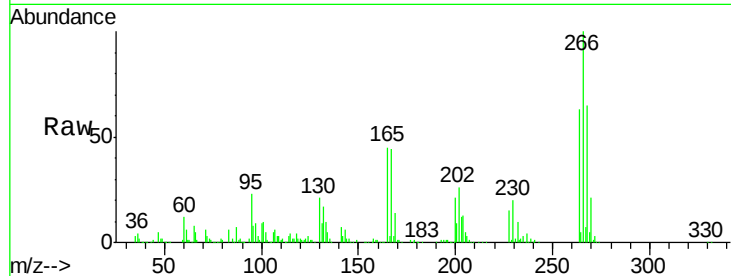
#69
 Pentachlorophenol
 Concen: 81.289 ng
 RT: 16.73 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

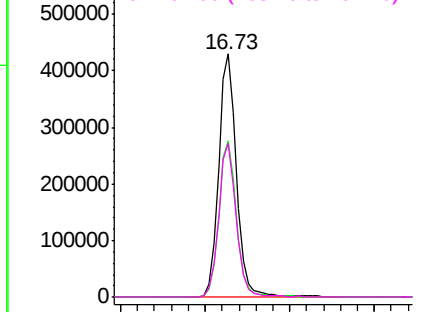
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	63.4	49.6	74.4

Manual Integrations
 APPROVED

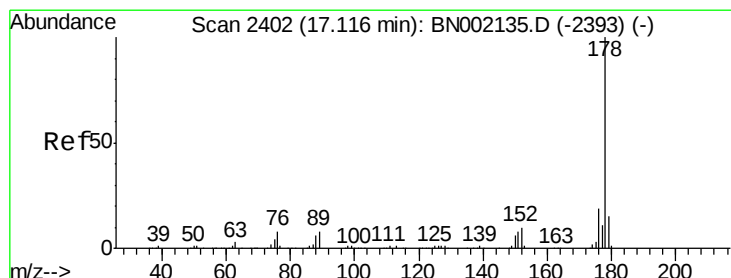
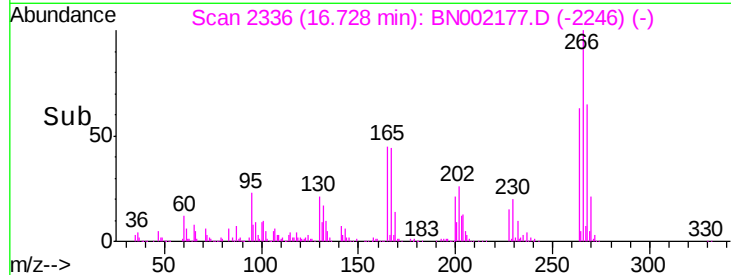
Sohil
 7/27/2018 4:18:48 PM



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

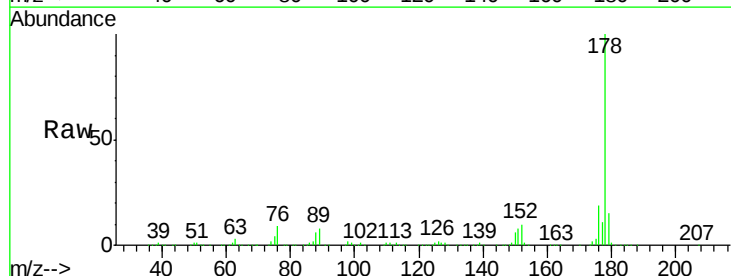


Time--> 16.60 16.70 16.80 16.90

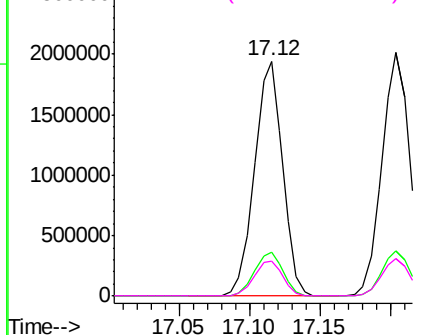


#70
 Phenanthrene
 Concen: 52.789 ng
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

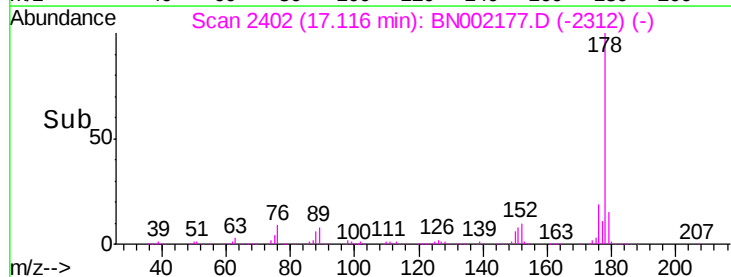
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.1	12.5	18.7

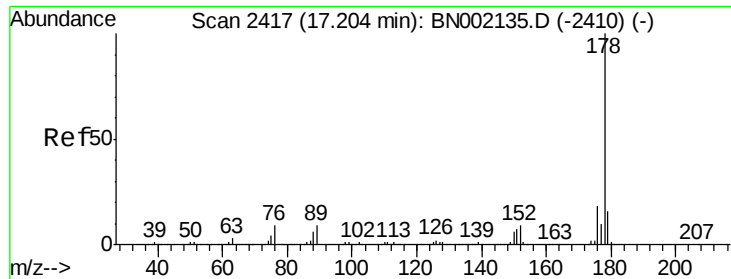


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time--> 17.05 17.10 17.15





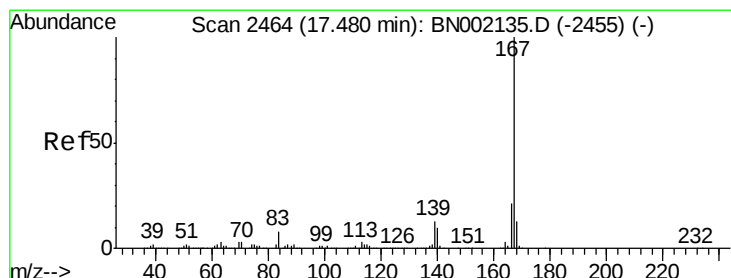
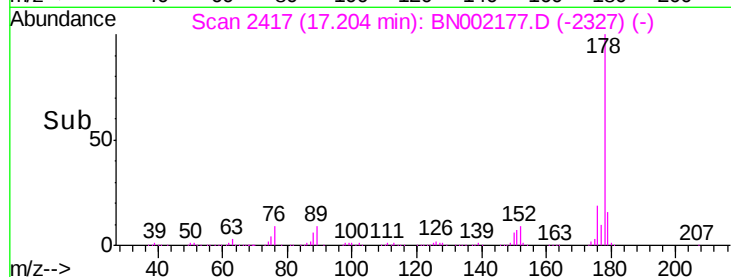
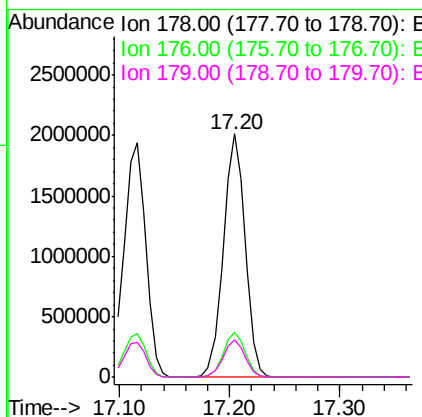
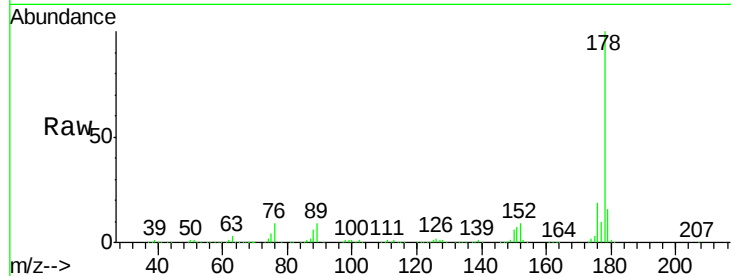
#71
 Anthracene
 Concen: 54.410 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampled :
 PB111425BS

Tgt Ion:178 Resp: 2773629
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.0 24.0
 179 15.5 12.5 18.7

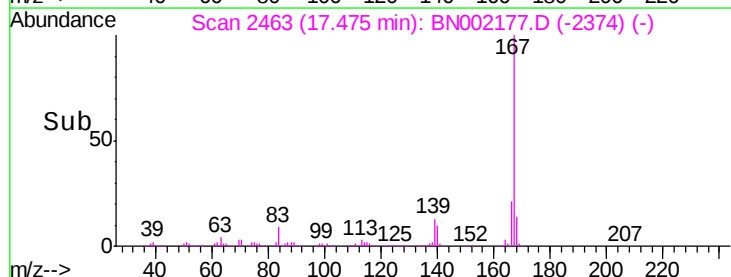
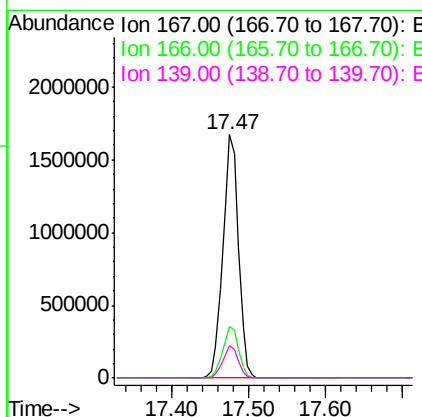
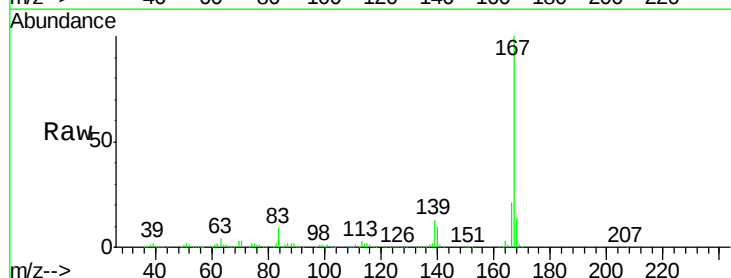
Manual Integrations
 APPROVED

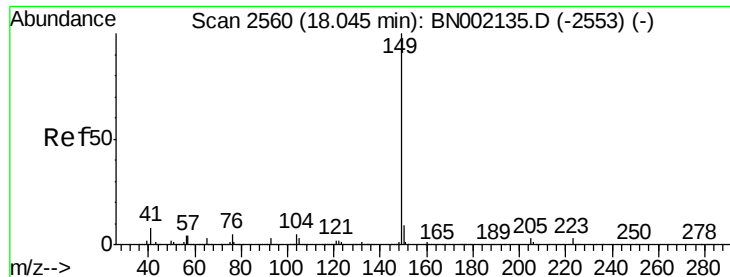
Sohil
 7/27/2018 4:18:48 PM



#72
 Carbazole
 Concen: 46.021 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion:167 Resp: 2353990
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.4
 139 13.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.748 ng

RT: 18.05 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

PB111425BS

Tgt Ion:149 Resp: 2908542

Ion Ratio Lower Upper

149 100

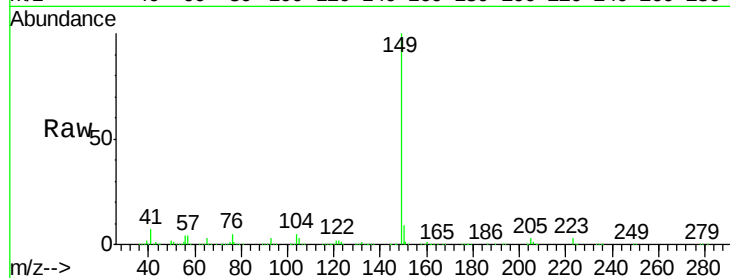
150 9.3 7.8 11.6

104 5.2 3.9 5.9

Manual Integrations
APPROVED

Sohil

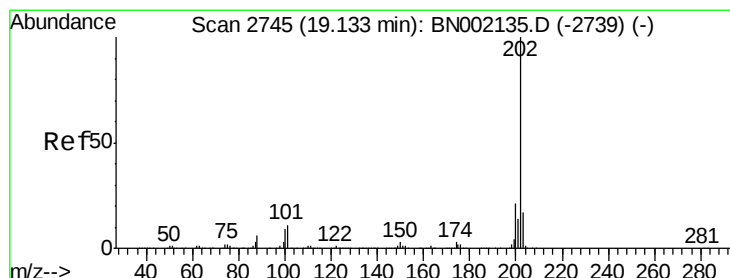
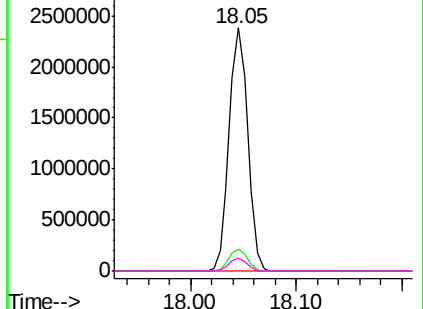
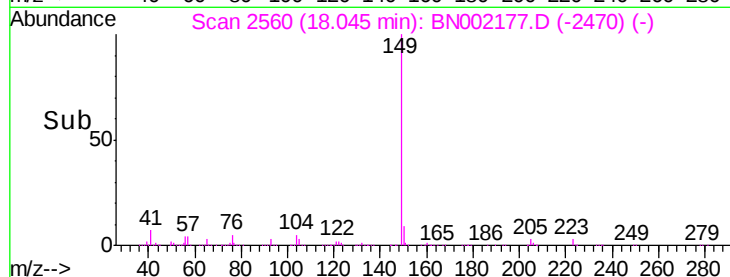
7/27/2018 4:18:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.048 ng

RT: 19.13 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

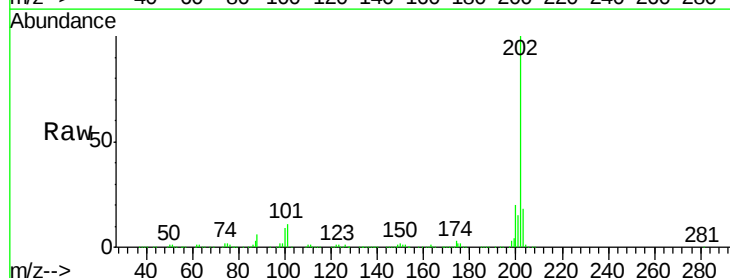
Tgt Ion:202 Resp: 2742685

Ion Ratio Lower Upper

202 100

101 11.0 0.0 28.9

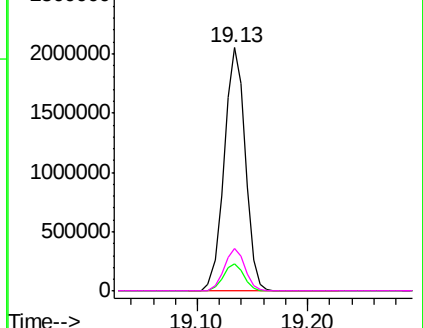
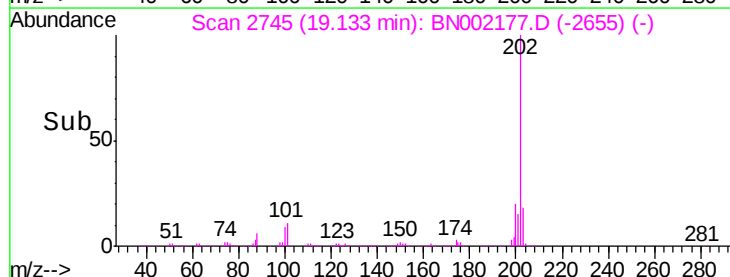
203 17.6 0.0 37.5

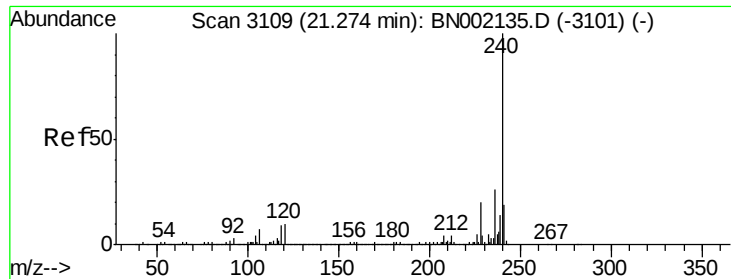


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





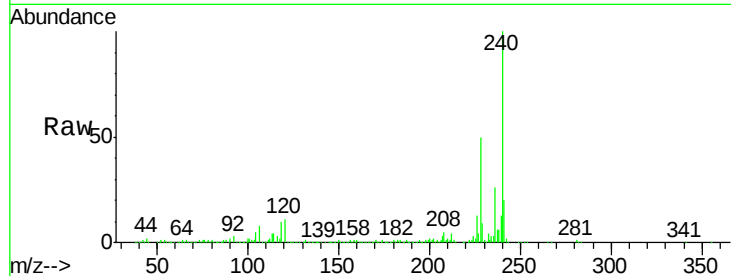
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

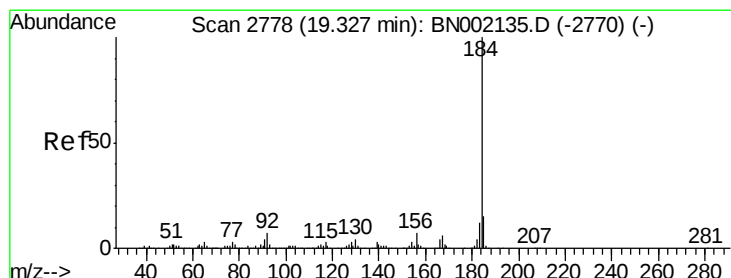
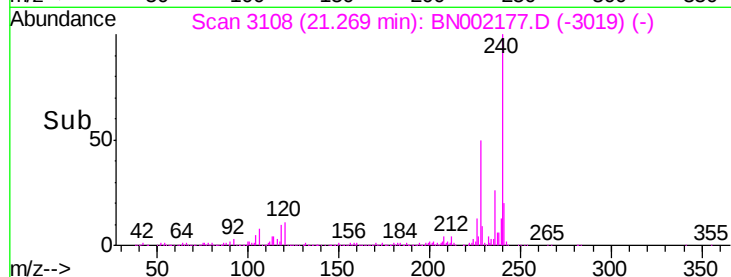
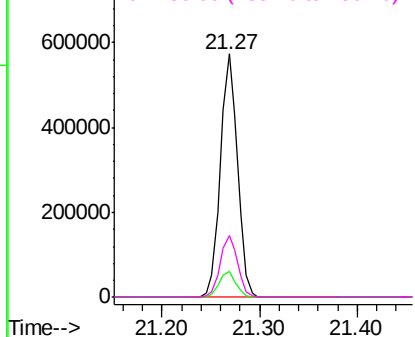
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	696788		
120	10.6	6.8	10.2#	
236	25.6	20.9	31.3	

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM

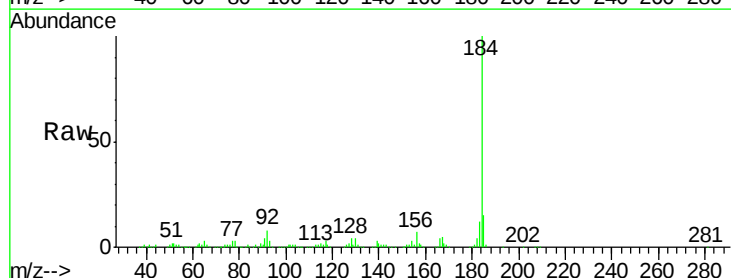


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

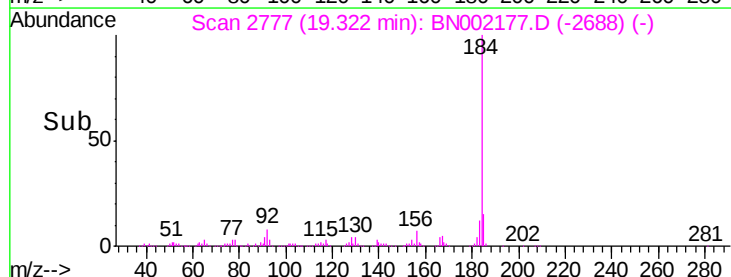
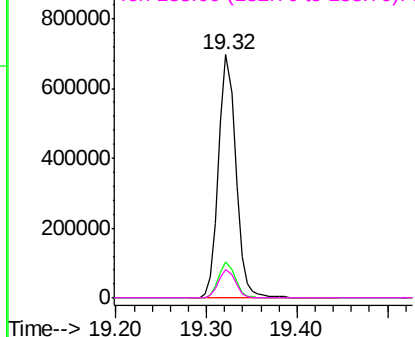


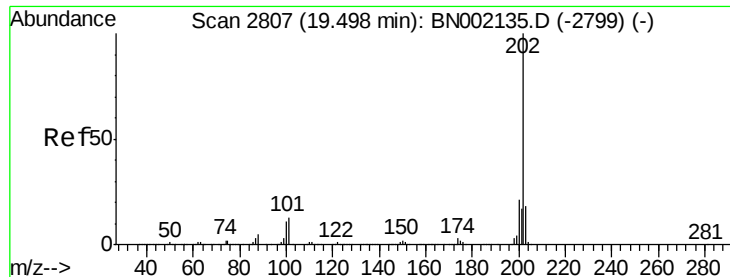
#76
Benzidine
Concen: 40.881 ng
RT: 19.32 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	929065		
185	14.8	11.1	16.7	
183	11.7	10.6	16.0	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





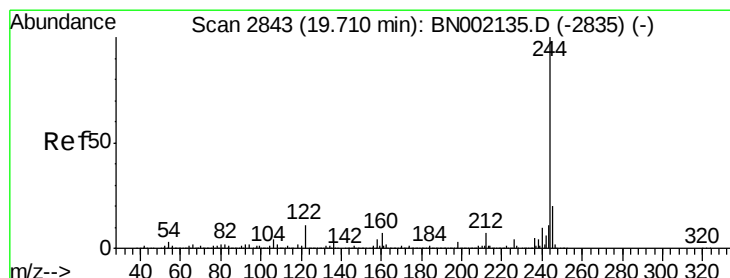
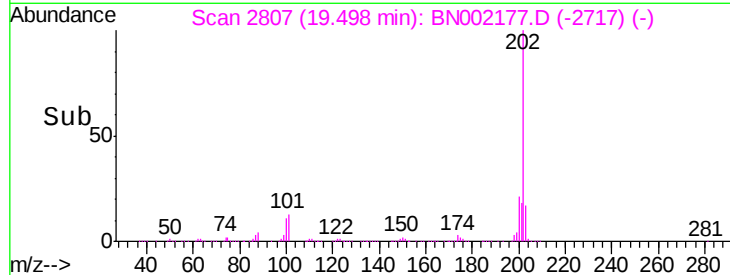
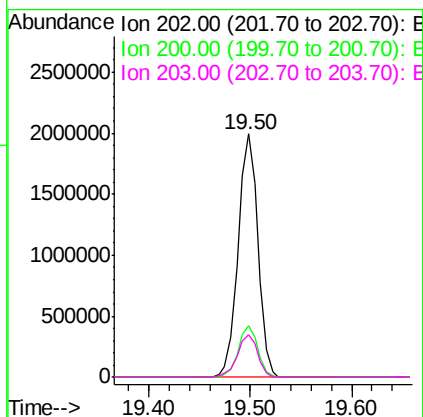
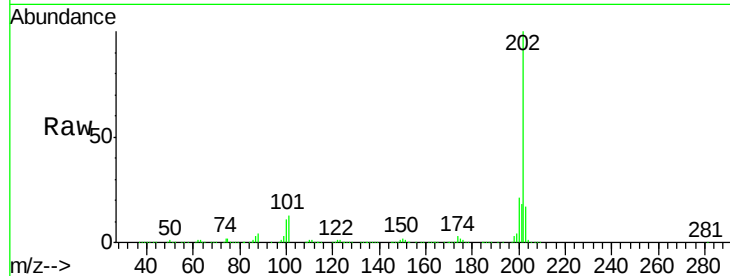
#77
 Pyrene
 Concen: 56.118 ng
 RT: 19.50 min Scan# 2807
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampled :
 PB111425BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.3	13.9	20.9

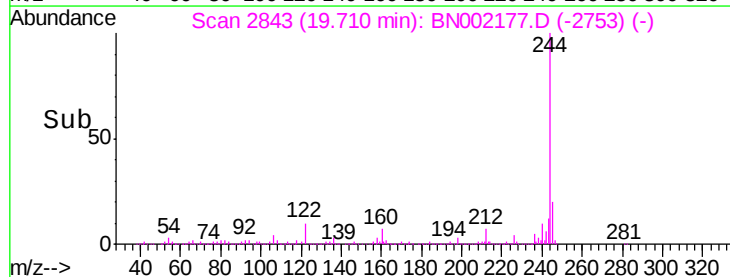
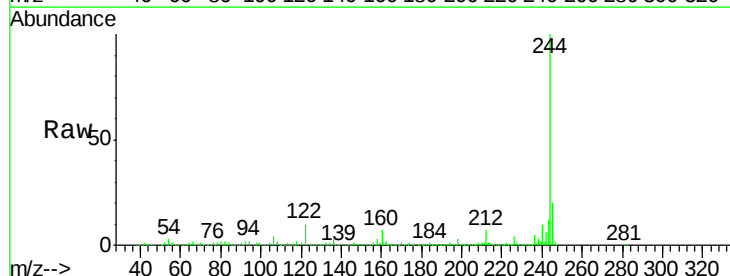
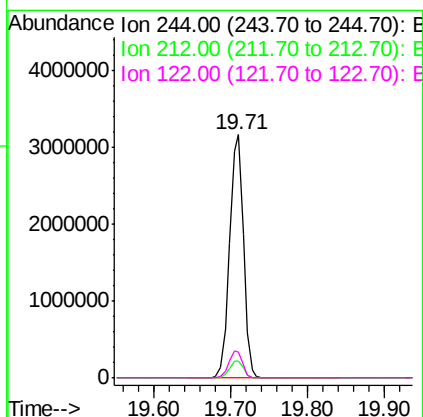
Manual Integrations
 APPROVED

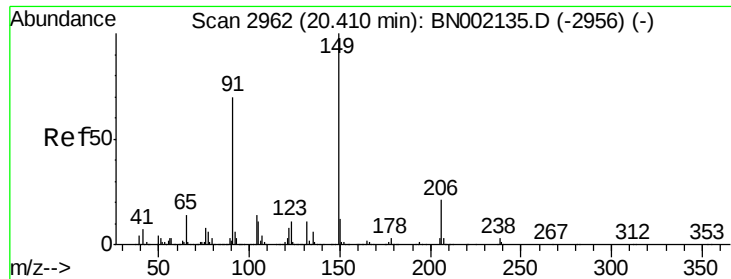
Sohil
 7/27/2018 4:18:48 PM



#78
 Terphenyl-d14
 Concen: 119.097 ng
 RT: 19.71 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.5	7.0	10.4





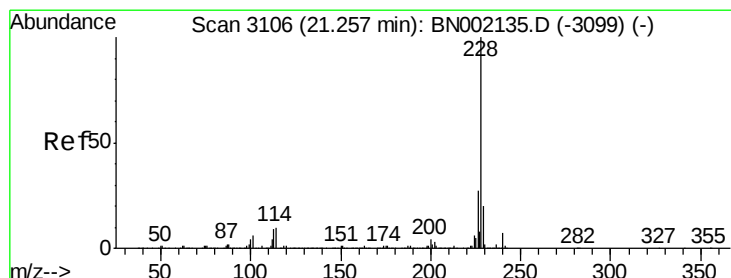
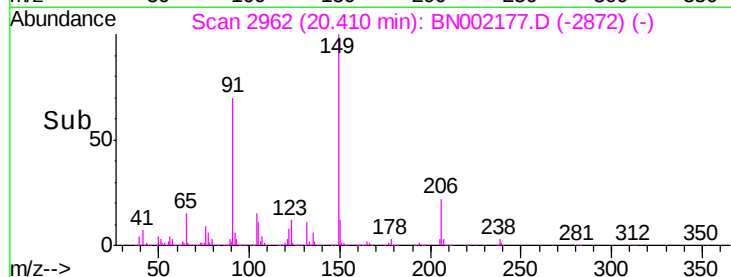
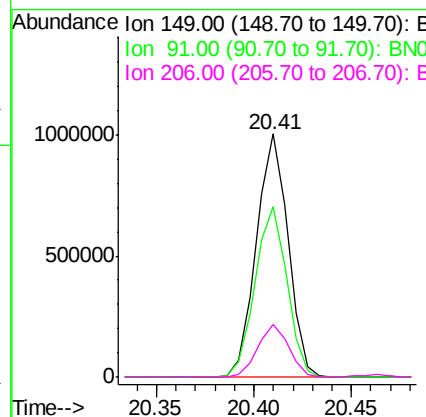
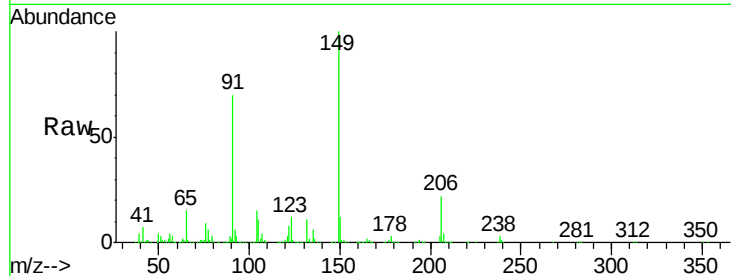
#79
Butylbenzylphthalate
Concen: 53.999 ng
RT: 20.41 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampled :
PB111425BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	62.2	93.2
206	21.7	18.6	27.8

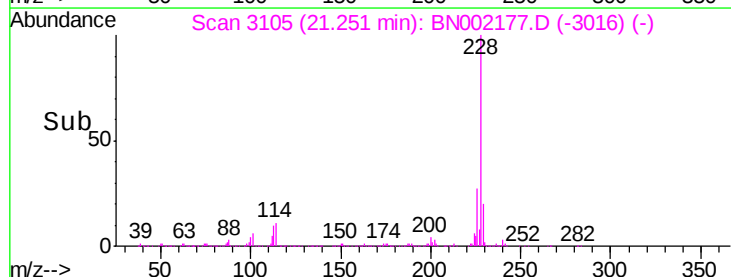
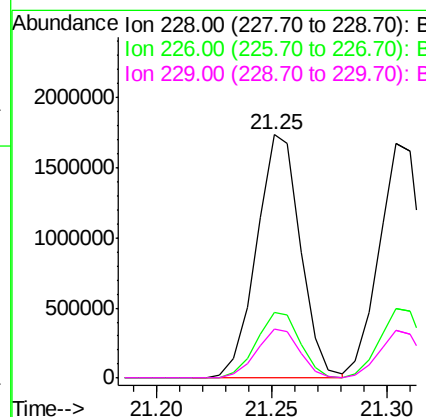
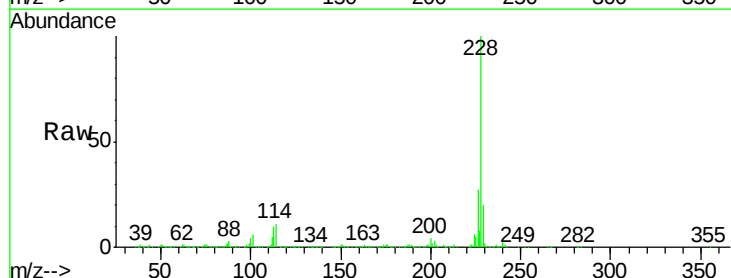
Manual Integrations
APPROVED

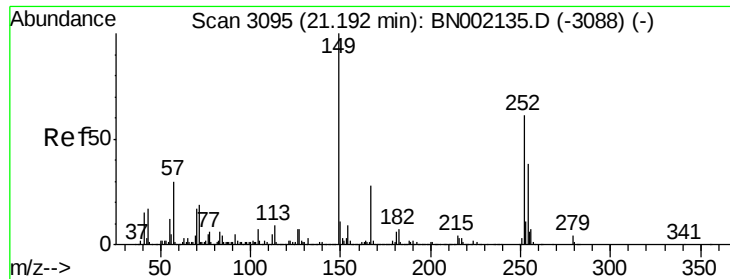
Sohil
7/27/2018 4:18:48 PM



#80
Benzo(a)anthracene
Concen: 54.039 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.7	34.1
229	20.4	16.2	24.2





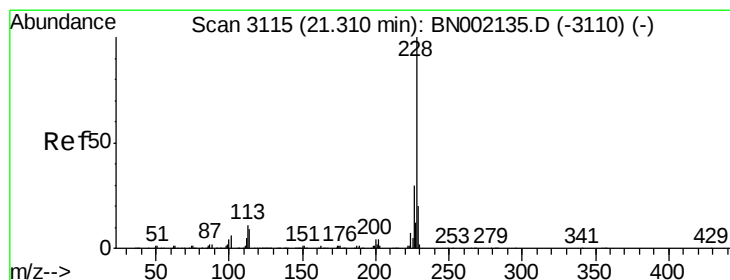
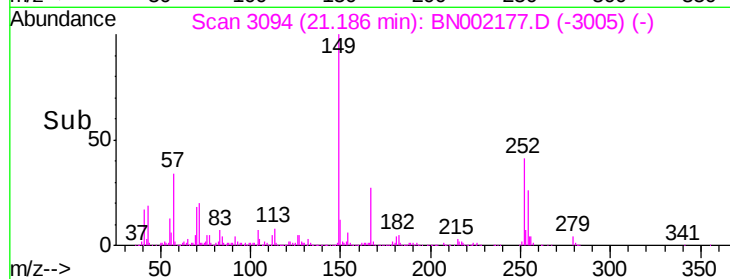
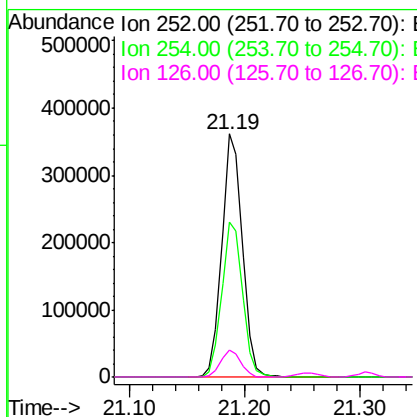
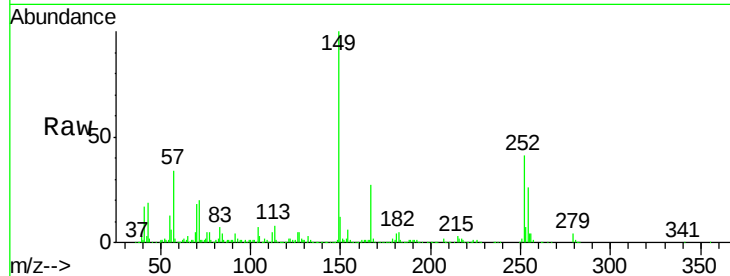
#81
 3,3'-Dichlorobenzidine
 Concen: 26.958 ng
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	11.2	7.4	11.2#

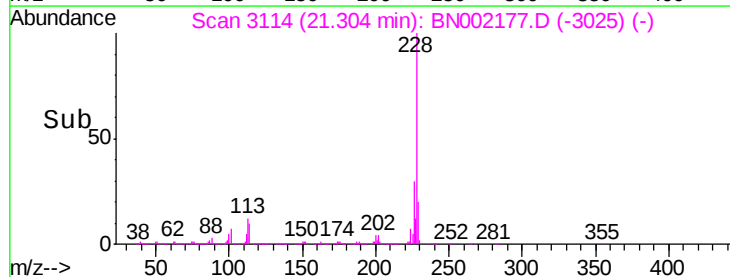
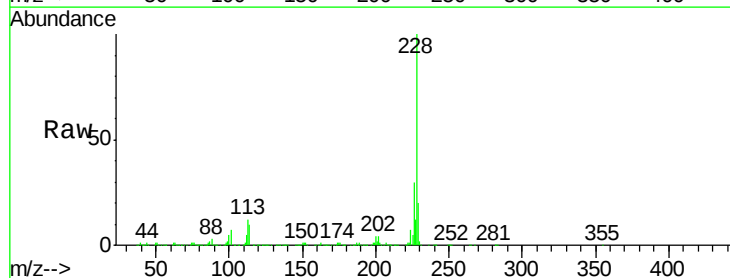
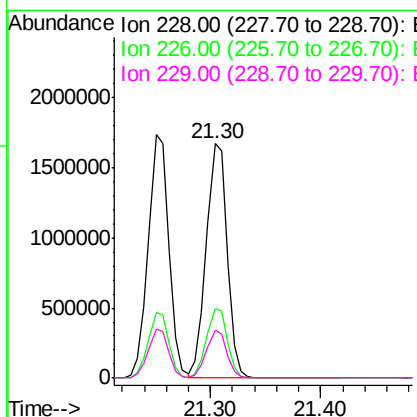
Manual Integrations
 APPROVED

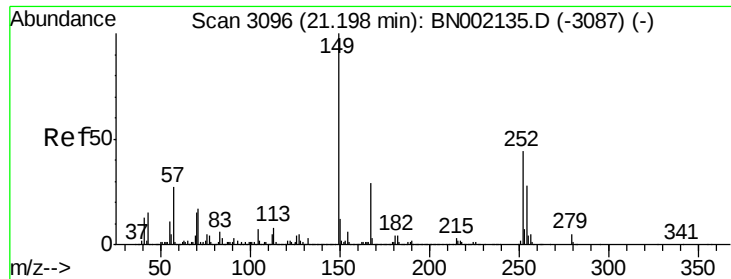
Sohil
 7/27/2018 4:18:48 PM



#82
 Chrysene
 Concen: 53.070 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.4	15.0	22.4





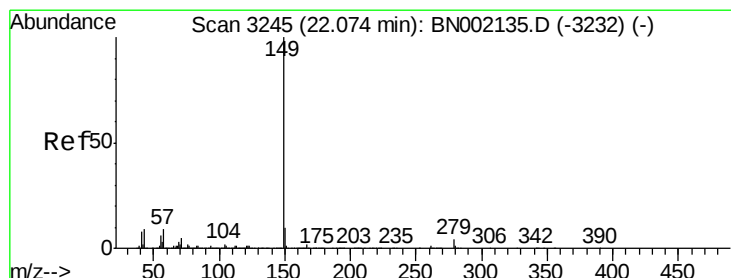
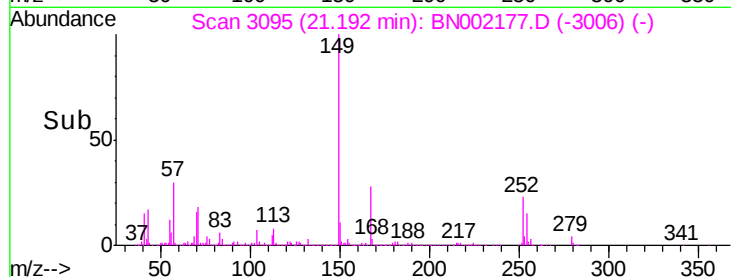
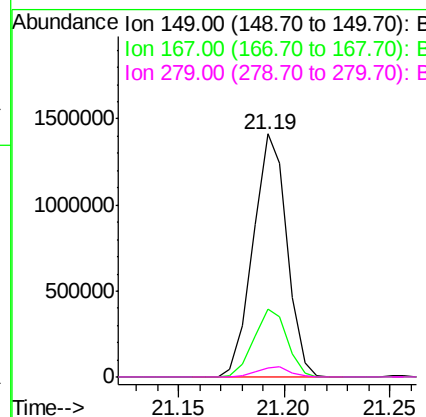
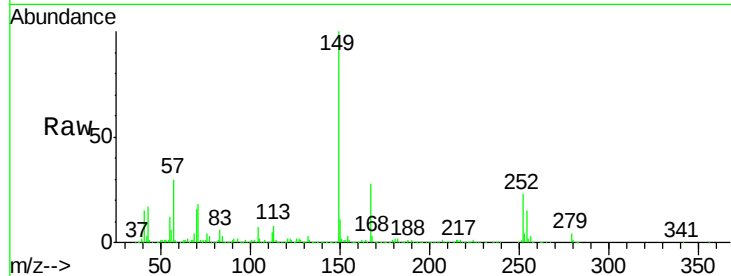
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.917 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	24.3	36.5
279	4.0	4.0	6.0

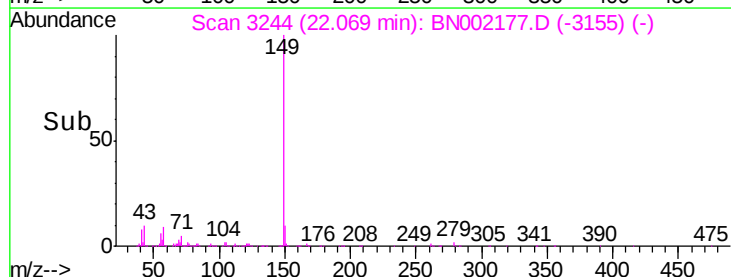
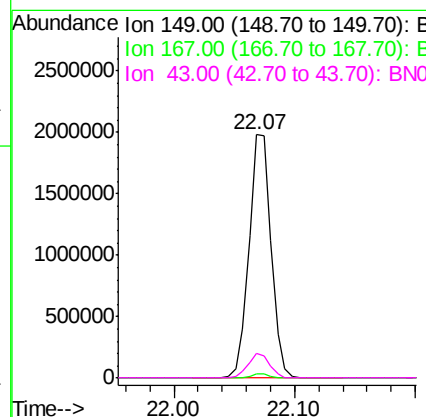
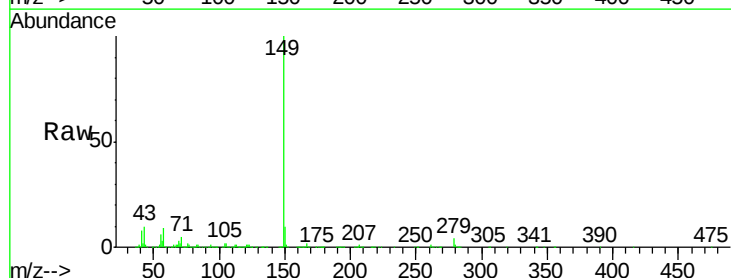
Manual Integrations
 APPROVED

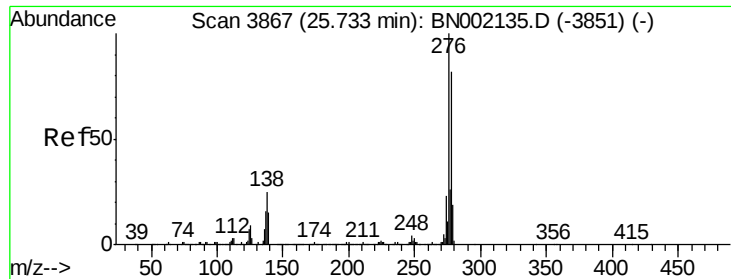
Sohil
 7/27/2018 4:18:48 PM



#84
 Di-n-octyl phthalate
 Concen: 54.778 ng
 RT: 22.07 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.0	8.9	13.3





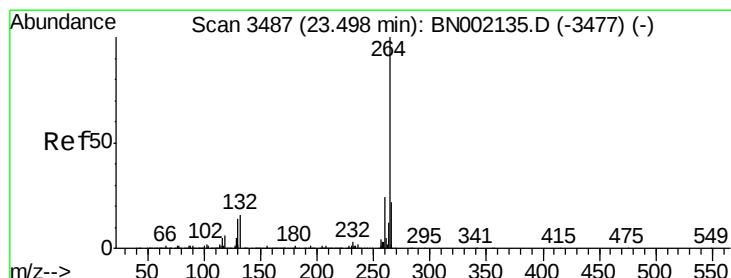
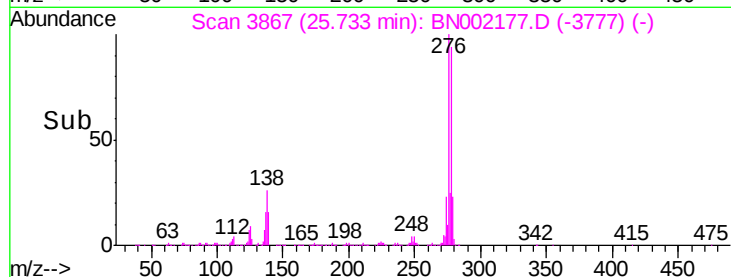
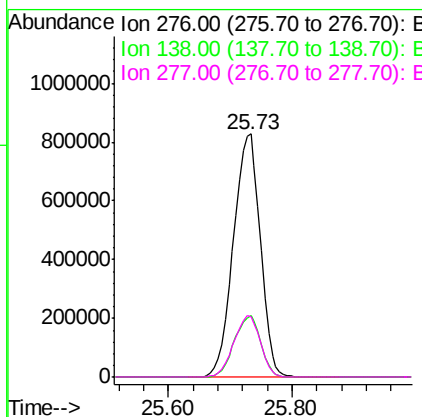
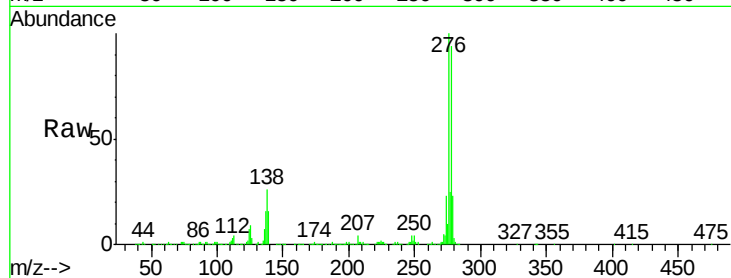
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.681 ng
RT: 25.73 min Scan# 3867
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampled :
PB111425BS

Tgt Ion:276 Resp: 2510514
Ion Ratio Lower Upper
276 100
138 25.2 16.0 24.0#
277 25.2 20.0 30.0

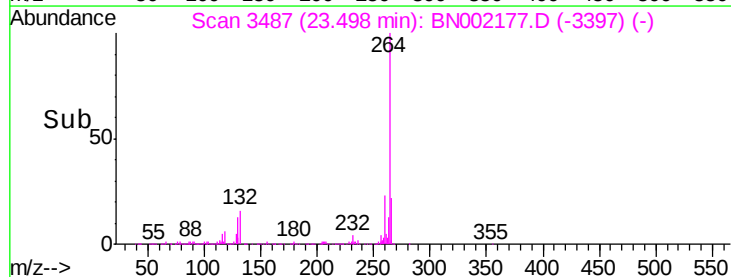
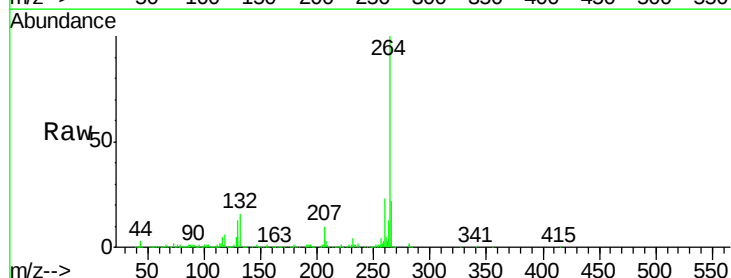
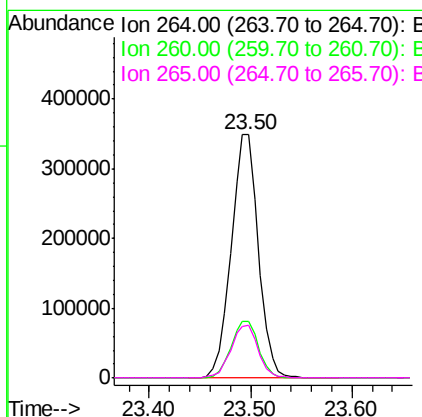
Manual Integrations
APPROVED

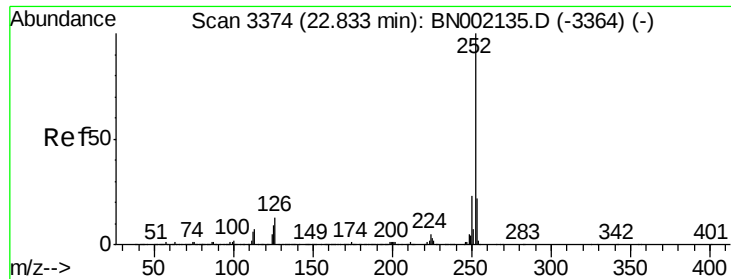
Sohil
7/27/2018 4:18:48 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. 0.00 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion:264 Resp: 646482
Ion Ratio Lower Upper
264 100
260 23.2 17.4 26.0
265 21.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 54.594 ng

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

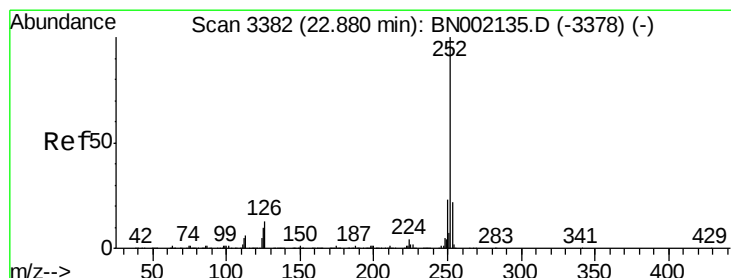
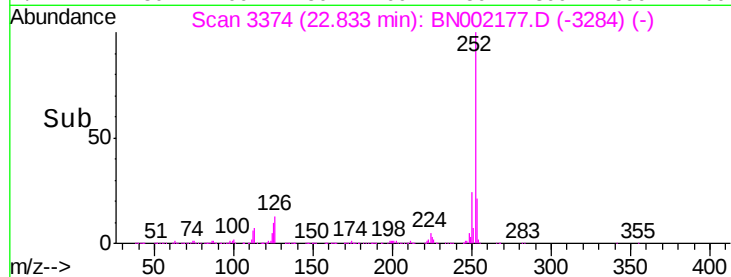
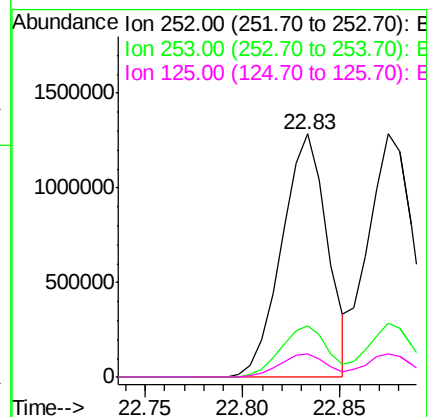
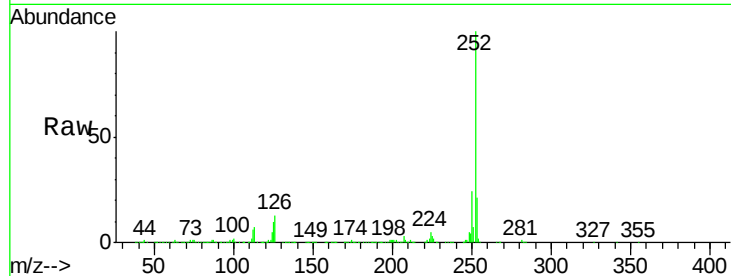
PB111425BS

Tgt Ion:252 Resp: 2082967

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	9.7	7.2	10.8

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM



#88

Benzo(k)fluoranthene

Concen: 54.936 ng m

RT: 22.87 min Scan# 3381

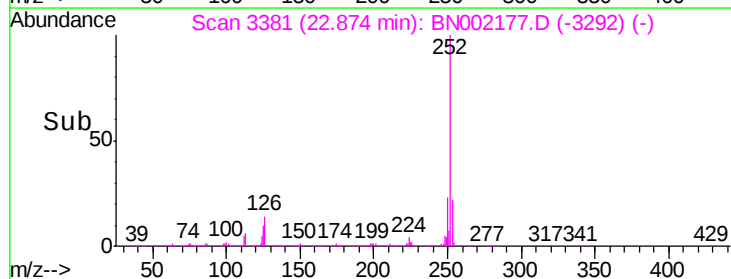
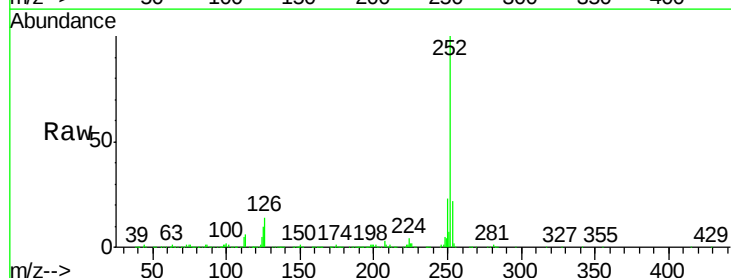
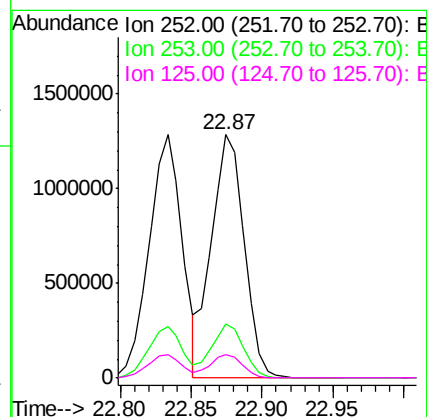
Delta R.T. -0.01 min

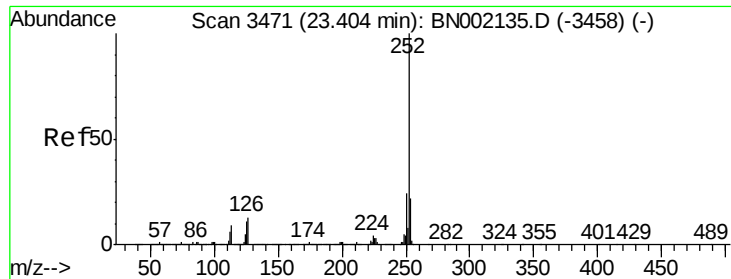
Lab File: BN002177.D

Acq: 26 Jul 2018 18:30

Tgt Ion:252 Resp: 2064249

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.9	6.6	9.8#





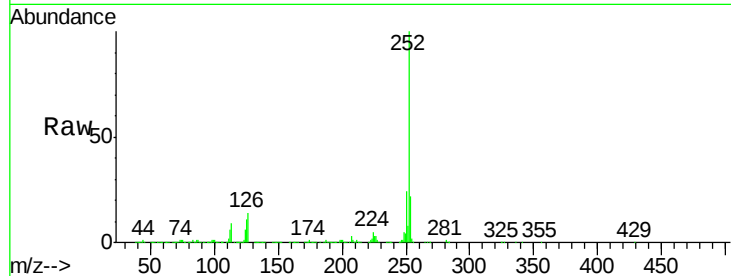
#89
Benzo(a)pyrene
Concen: 56.392 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
PB111425BS

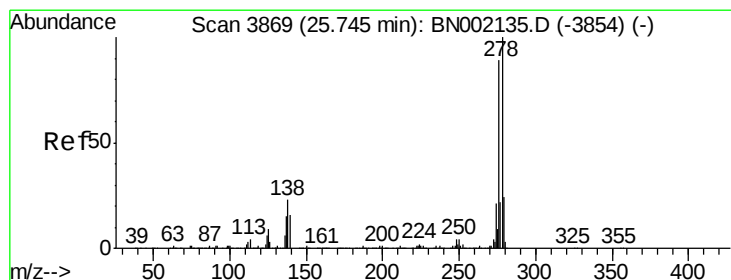
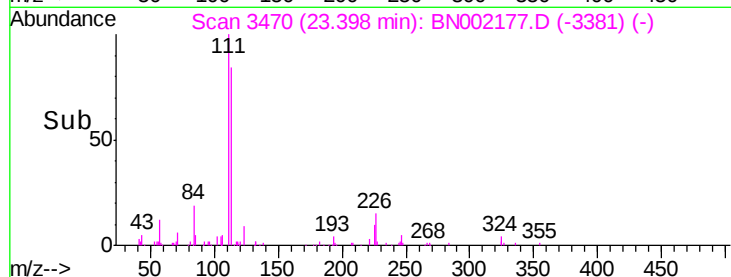
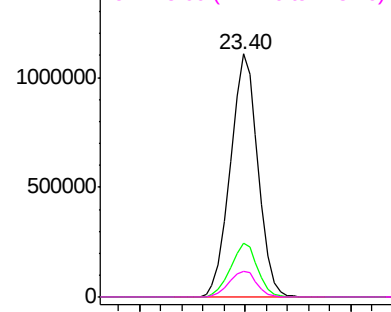
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	10.7	7.3	10.9

Manual Integrations
APPROVED

Sohil
7/27/2018 4:18:48 PM

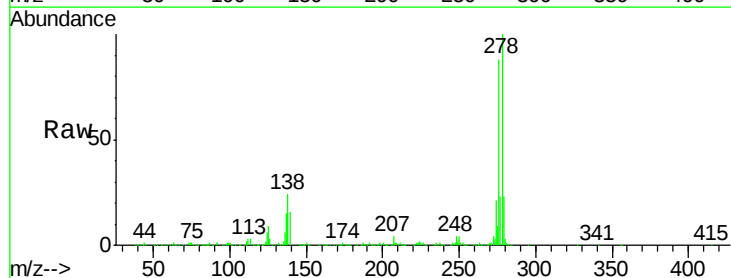


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

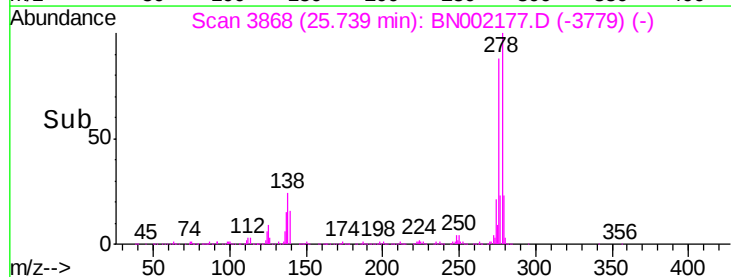
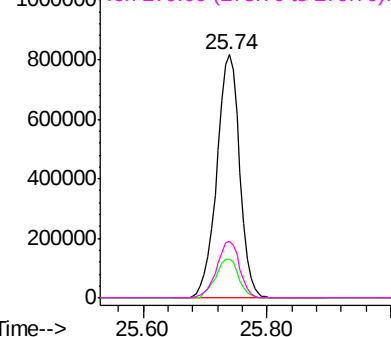


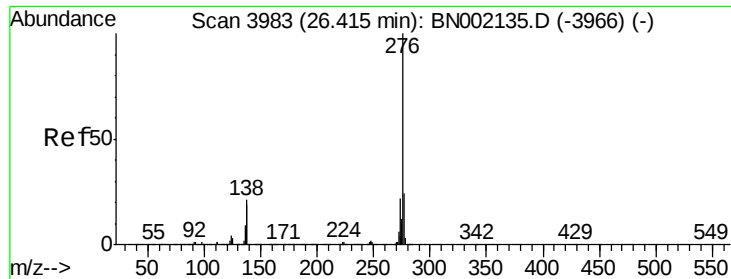
#90
Dibenzo(a,h)anthracene
Concen: 62.754 ng
RT: 25.74 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BN002177.D
Acq: 26 Jul 2018 18:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	9.8	14.6#
279	23.4	18.4	27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 66.323 ng
 RT: 26.41 min Scan# 3982
 Delta R.T. -0.01 min
 Lab File: BN002177.D
 Acq: 26 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 PB111425BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.3	27.5
138	22.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/27/2018 4:18:48 PM

