

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002164.D
 Acq On : 26 Jul 2018 07:58
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 8 PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:36:03 AM

Quant Time: Jul 26 09:07:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	227286	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	950444	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	567285	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1219173	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1018543	20.00	ng	0.00
86) Perylene-d12	23.49	264	897657	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1779639	126.06	ng	0.00
7) Phenol-d6	6.88	99	2432038	122.76	ng	0.00
23) Nitrobenzene-d5	8.84	82	1621253	87.48	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	939115	127.49	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3709870	85.18	ng	0.00
78) Terphenyl-d14	19.71	244	5479105	112.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	28469	5.371	ng	# 71
3) Pyridine	3.67	79	81423	5.304	ng	# 69
4) n-Nitrosodimethylamine	3.59	42	37891	5.754	ng	# 63
6) Aniline	7.03	93	111639	4.613	ng	97
8) 2-Chlorophenol	7.26	128	90930	5.554	ng	98
9) Benzaldehyde	6.85	77	81763	6.701	ng	90
10) Phenol	6.90	94	118444	5.832	ng	95
11) bis(2-Chloroethyl)ether	7.13	93	86597	5.239	ng	96
12) 1,3-Dichlorobenzene	7.58	146	99515	5.333	ng	99
13) 1,4-Dichlorobenzene	7.73	146	102590	5.374	ng	96
14) 1,2-Dichlorobenzene	8.04	146	99236	5.389	ng	96
15) Benzyl Alcohol	7.93	79	64510	4.315	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	148660	5.570	ng	92
17) 2-Methylphenol	8.13	107	79217	5.714	ng	95
18) Hexachloroethane	8.76	117	37669	5.392	ng	89
19) n-Nitroso-di-n-propylamine	8.49	70	72378	5.037	ng	# 93
20) 3+4-Methylphenols	8.46	107	102152	5.281	ng	91
22) Acetophenone	8.50	105	143753	5.833	ng	# 96
24) Nitrobenzene	8.88	77	115042	5.989	ng	97
25) Isophorone	9.40	82	195978	6.159	ng	97
26) 2-Nitrophenol	9.59	139	44681	4.816	ng	98
27) 2,4-Dimethylphenol	9.65	122	82368	6.383	ng	97
28) bis(2-Chloroethoxy)methane	9.89	93	120744	5.874	ng	96
29) 2,4-Dichlorophenol	10.12	162	84046	5.586	ng	93
30) 1,2,4-Trichlorobenzene	10.33	180	93605	5.493	ng	98
31) Naphthalene	10.51	128	293792	6.125	ng	97
32) Benzoic acid	9.73	122	28096	2.566	ng	87
33) 4-Chloroaniline	10.63	127	94849	4.444	ng	96
34) Hexachlorobutadiene	10.80	225	56739	5.437	ng	97
35) Caprolactam	11.38	113	24945	4.858	ng	# 67
36) 4-Chloro-3-methylphenol	11.76	107	94055	5.497	ng	96
37) 2-Methylnaphthalene	12.13	142	217494	6.429	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	107186	5.619	ng	98
40) Hexachlorocyclopentadiene	12.48	237	56669	5.260	ng	90

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002164.D
 Acq On : 26 Jul 2018 07:58
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 8 PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:36:03 AM

Quant Time: Jul 26 09:07:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	65396	5.110	nq	92
43) 2,4,5-Trichlorophenol	12.82	196	71921	5.305	nq	98
45) 1,1'-Biphenyl	13.15	154	280573	5.621	nq	97
46) 2-Chloronaphthalene	13.19	162	213608	5.544	nq	98
47) 2-Nitroaniline	13.40	65	62001	5.001	nq	94
48) Acenaphthylene	14.04	152	348938	5.968	nq	98
49) Dimethylphthalate	13.78	163	273416	5.802	nq	99
50) 2,6-Dinitrotoluene	13.90	165	56011	5.350	nq	98
51) Acenaphthene	14.39	154	205703	5.840	nq	98
52) 3-Nitroaniline	14.23	138	46806	4.126	nq	# 89
53) 2,4-Dinitrophenol	14.45	184	19151	3.455	nq	96
54) Dibenzofuran	14.72	168	335904	5.882	nq	97
55) 4-Nitrophenol	14.55	139	40391	4.638	nq	94
56) 2,4-Dinitrotoluene	14.69	165	74843	5.268	nq	93
57) Fluorene	15.37	166	265353	6.165	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	59644m	5.116	nq	
59) Diethylphthalate	15.15	149	268888	5.606	nq	98
60) 4-Chlorophenyl-phenylether	15.37	204	133192	5.592	nq	91
61) 4-Nitroaniline	15.39	138	56904	4.921	nq	90
62) Azobenzene	15.66	77	266036	5.781	nq	97
64) 4,6-Dinitro-2-methylphenol	15.46	198	32514	3.950	nq	92
65) n-Nitrosodiphenylamine	15.59	169	229652	5.677	nq	94
66) 4-Bromophenyl-phenylether	16.26	248	79245	5.552	nq	# 90
67) Hexachlorobenzene	16.38	284	87917	5.569	nq	98
68) Atrazine	16.54	200	71345	5.238	nq	97
69) Pentachlorophenol	16.72	266	32565	3.205	nq	96
70) Phenanthrene	17.11	178	412977	6.206	nq	98
71) Anthracene	17.20	178	408363	6.200	nq	98
72) Carbazole	17.47	167	354301	5.361	nq	96
73) Di-n-butylphthalate	18.05	149	390230	5.062	nq	98
74) Fluoranthene	19.13	202	421633	5.836	nq	97
76) Benzidine	19.32	184	102774	3.094	nq	96
77) Pyrene	19.50	202	430233	6.125	nq	99
79) Butylbenzylphthalate	20.41	149	145736	4.766	nq	90
80) Benzo(a)anthracene	21.25	228	382708	6.165	nq	97
81) 3,3'-Dichlorobenzidine	21.19	252	89422	3.697	nq	98
82) Chrysene	21.30	228	355368	6.012	nq	98
83) Bis(2-ethylhexyl)phthalate	21.19	149	200707	4.707	nq	97
84) Di-n-octyl phthalate	22.07	149	313539	4.638	nq	98
85) Indeno(1,2,3-cd)pyrene	25.72	276	327273	5.679	nq	# 93
87) Benzo(b)fluoranthene	22.83	252	331502	6.257	nq	97
88) Benzo(k)fluoranthene	22.87	252	312315	5.986	nq	98
89) Benzo(a)pyrene	23.40	252	297878	6.021	nq	98
90) Dibenzo(a,h)anthracene	25.73	278	274994	5.920	nq	# 96
91) Benzo(g,h,i)perylene	26.40	276	272649	6.074	nq	# 95

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

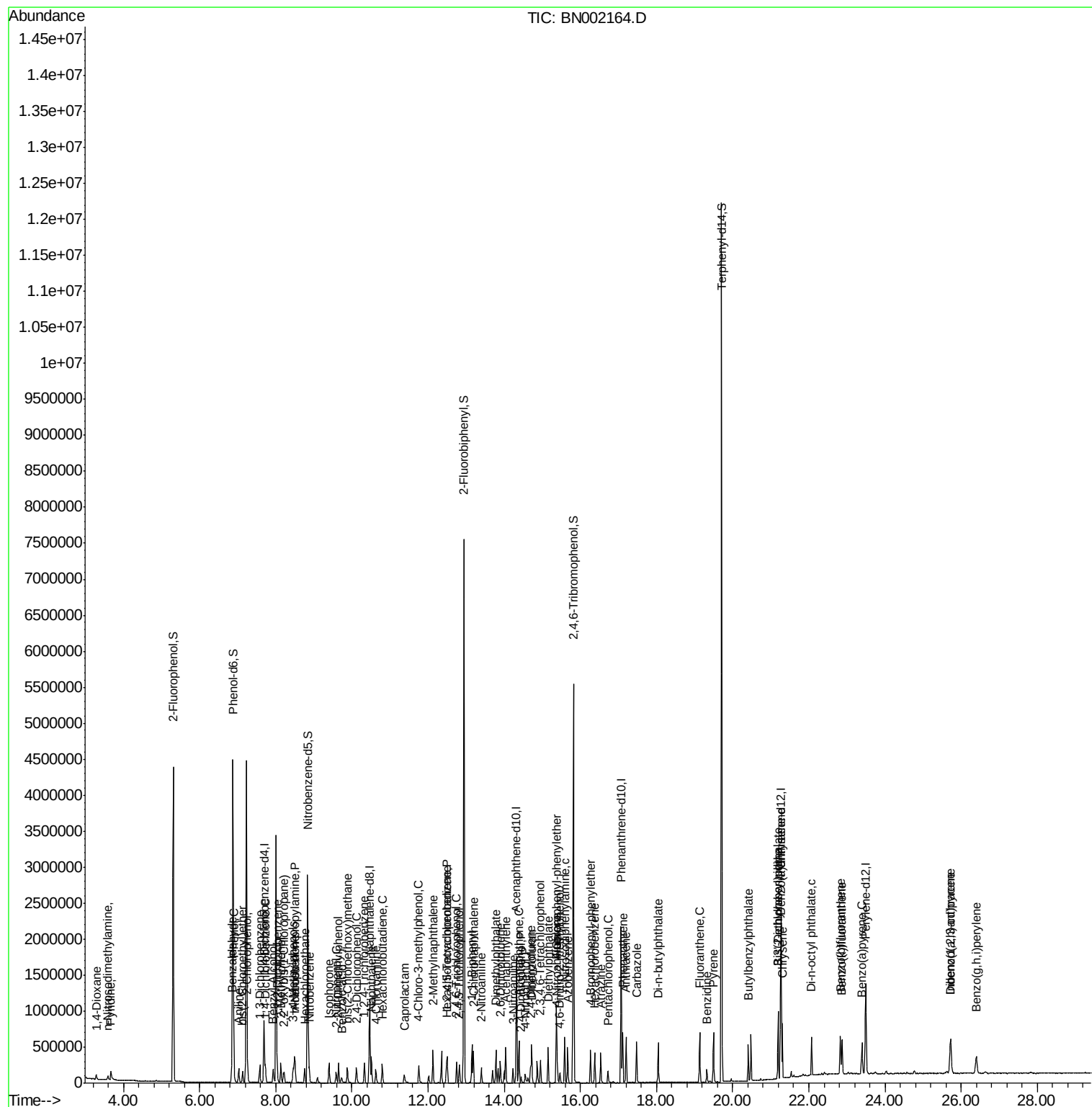
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002164.D
Acq On : 26 Jul 2018 07:58
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 8 PPM
ALS Vial : 22 Sample Multiplier: 1

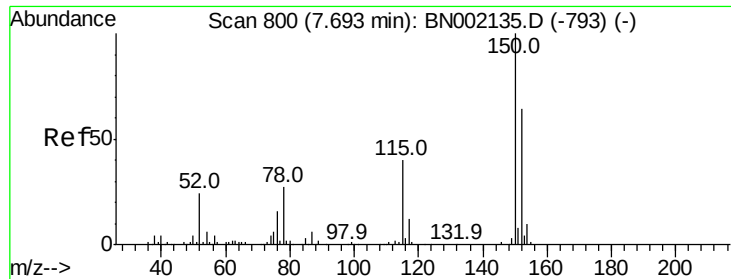
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM

Quant Time: Jul 26 09:07:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration





#1

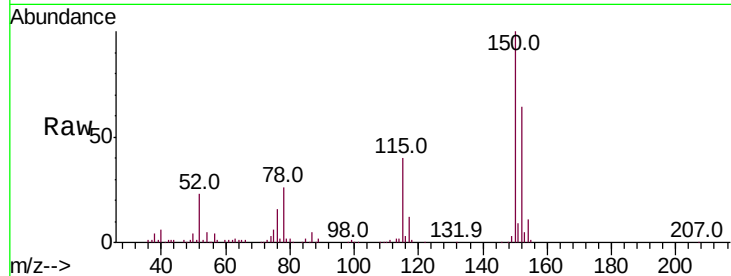
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	62.0	53.0	79.4

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM

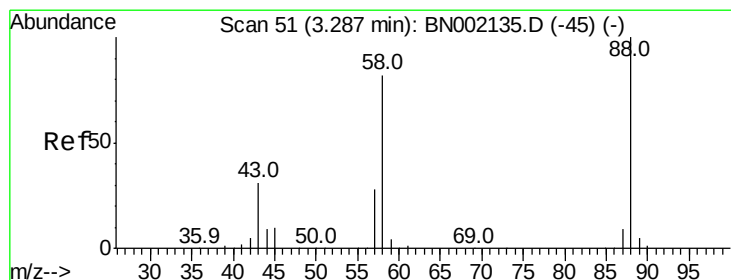
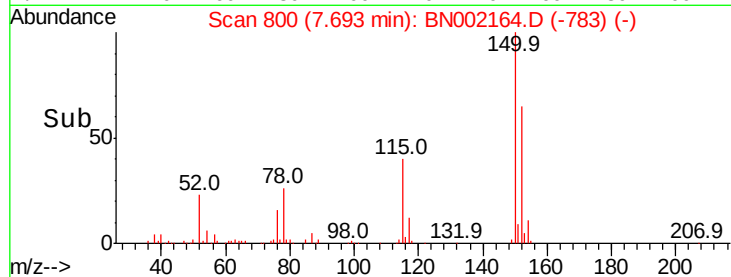
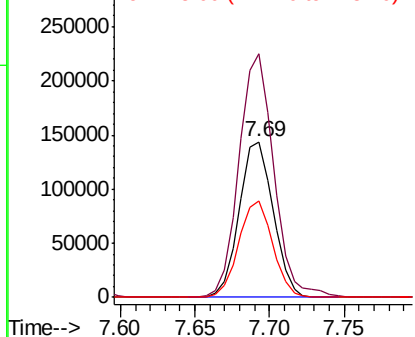


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

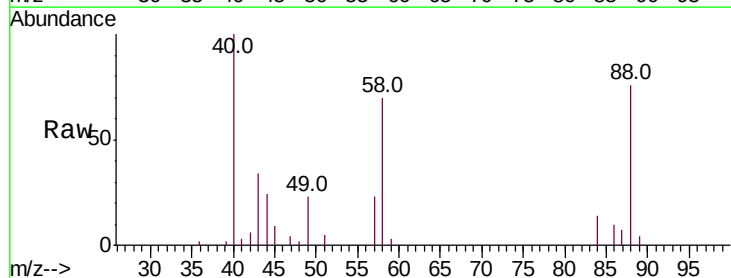
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 5.371 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	52.0	78.0#
43	43.7	20.0	30.0#

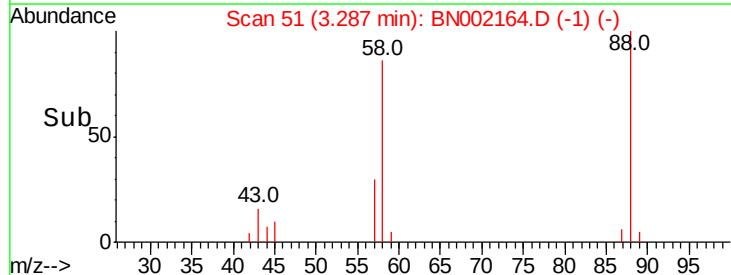
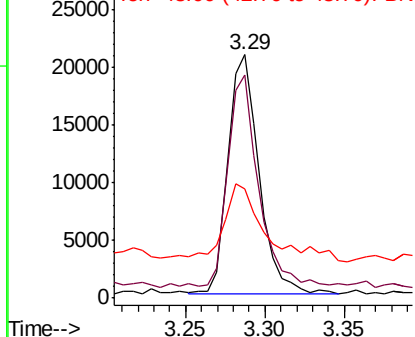


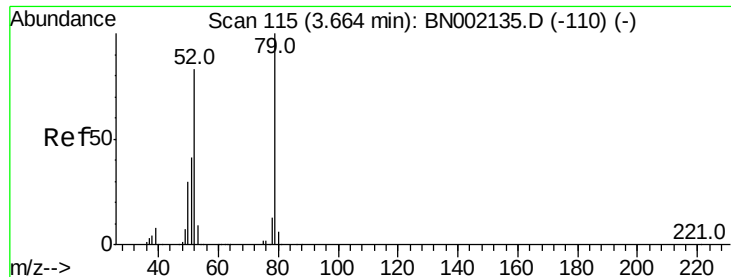
Abundance

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

Pvridine

Concen: 5.304 ng

RT: 3.67 min Scan# 116

Delta R.T. 0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

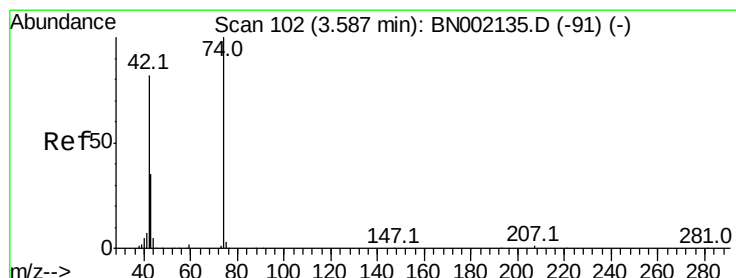
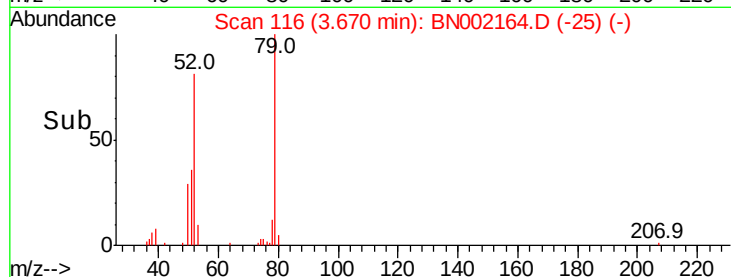
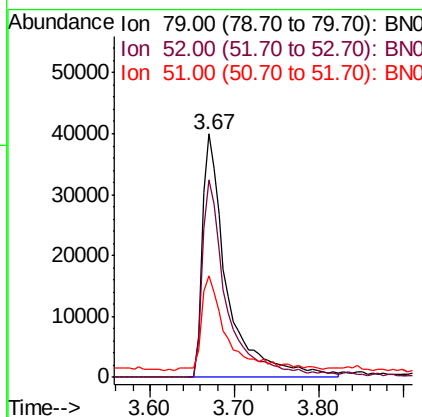
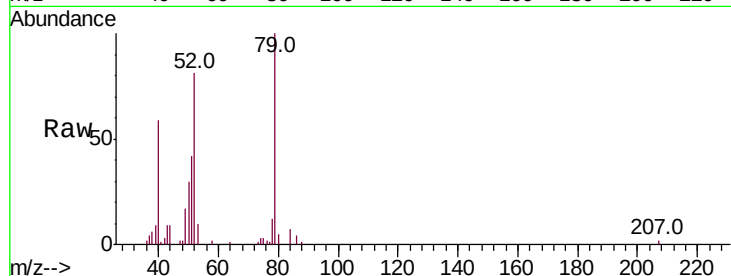
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.0	44.0	66.0#
51	41.5	24.0	36.0#

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#4

n-Nitrosodimethylamine

Concen: 5.754 ng

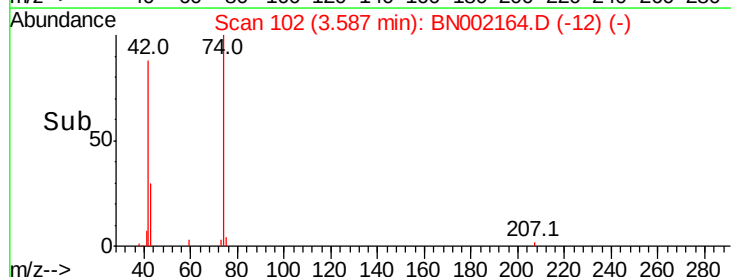
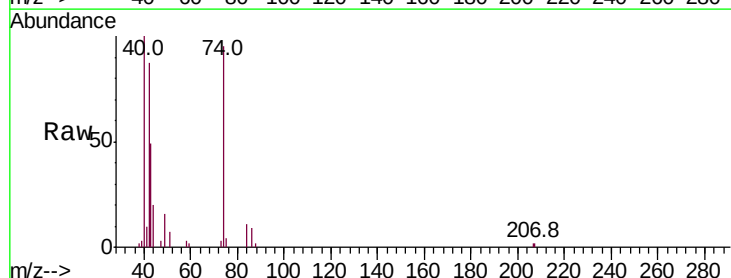
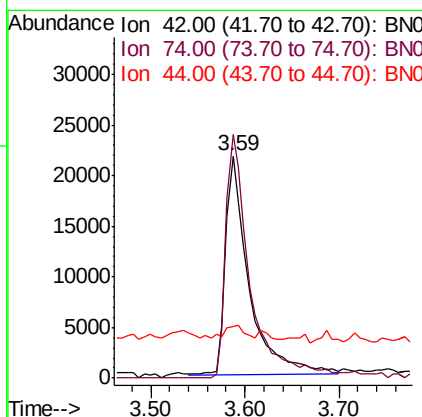
RT: 3.59 min Scan# 102

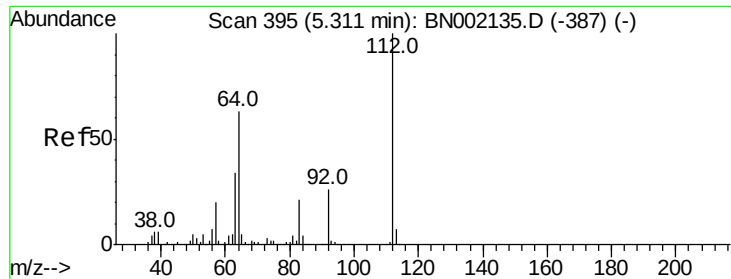
Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.5	128.0	192.0#
44	23.3	12.0	18.0#





#5

2-Fluorophenol

Concen: 126.057 ng

RT: 5.31 min Scan# 395

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:112 Resp: 1779639

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

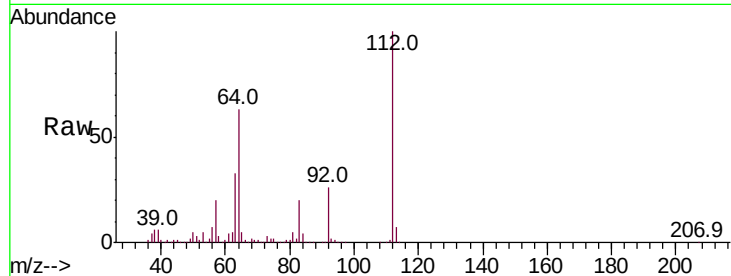
63 33.4 30.1 45.1

Manual Integrations

APPROVED

Sohil

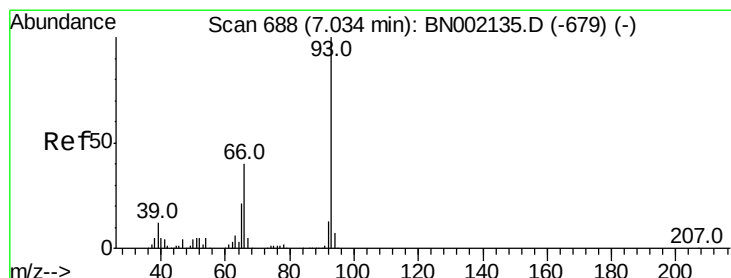
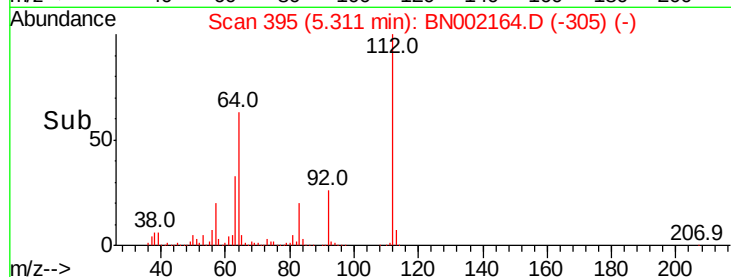
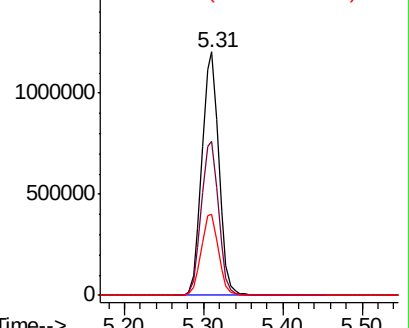
7/27/2018 11:36:03 AM



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: 4.613 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

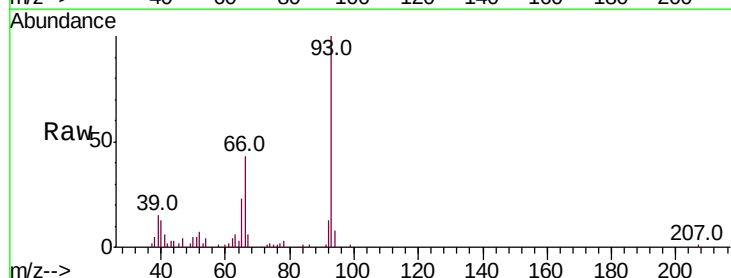
Tgt Ion: 93 Resp: 111639

Ion Ratio Lower Upper

93 100

66 43.1 33.7 50.5

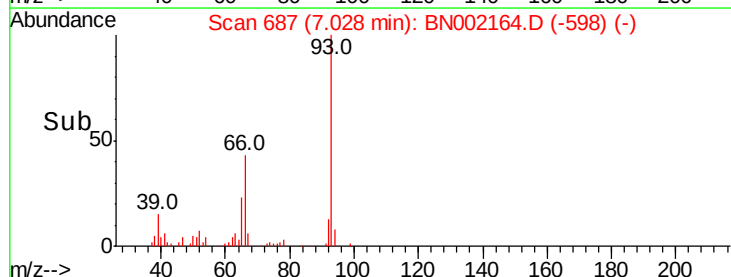
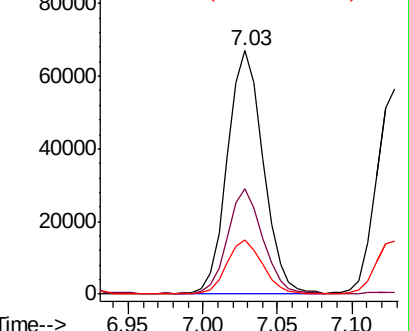
65 22.5 16.1 24.1

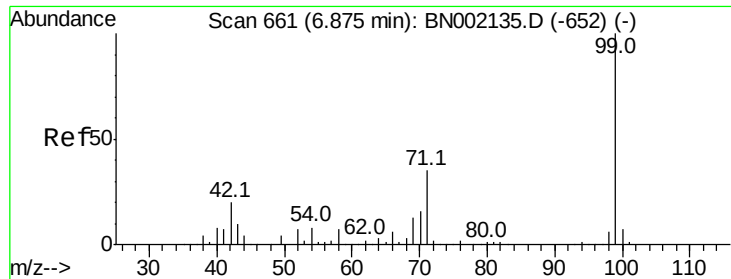


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 122.757 ng

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion: 99 Resp: 2432038

Ion Ratio Lower Upper

99 100

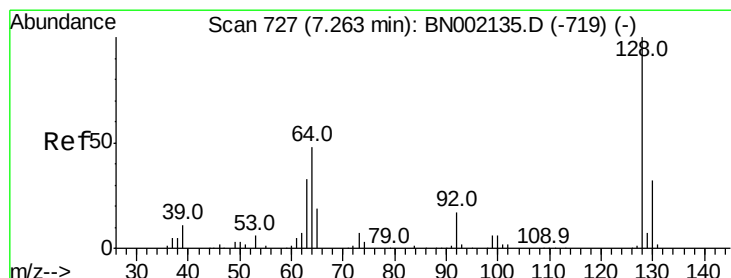
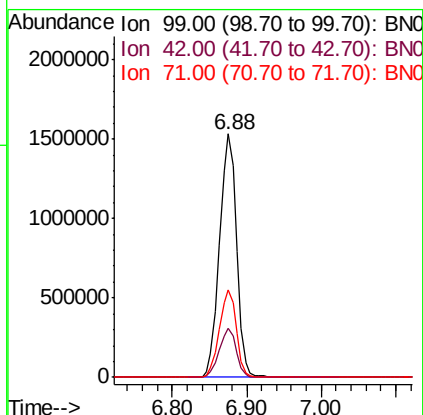
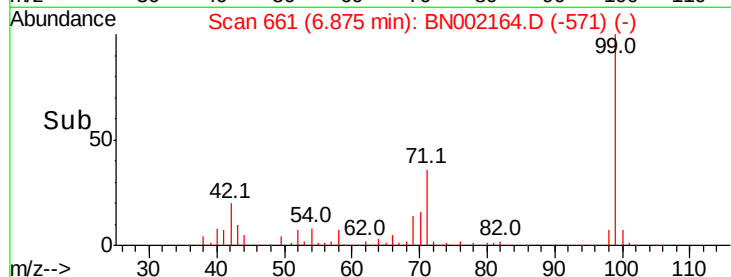
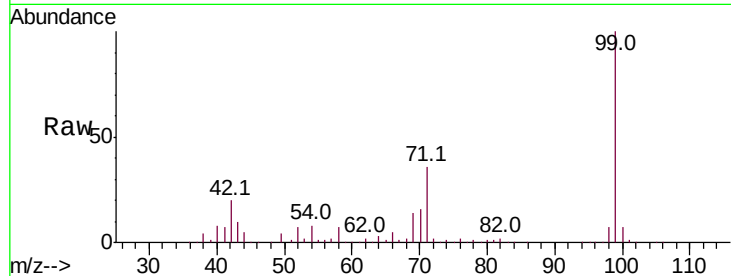
42 20.1 14.1 21.1

71 35.9 26.1 39.1

Manual Integrations
APPROVED

Sohil

7/27/2018 11:36:03 AM



#8

2-Chlorophenol

Concen: 5.554 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

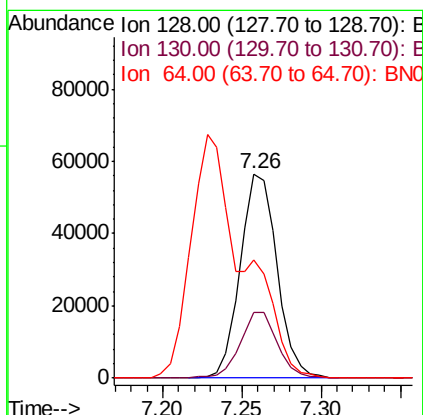
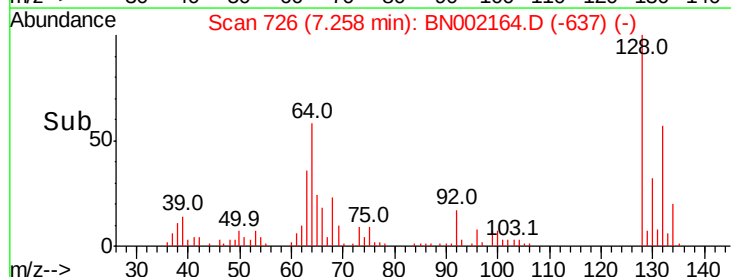
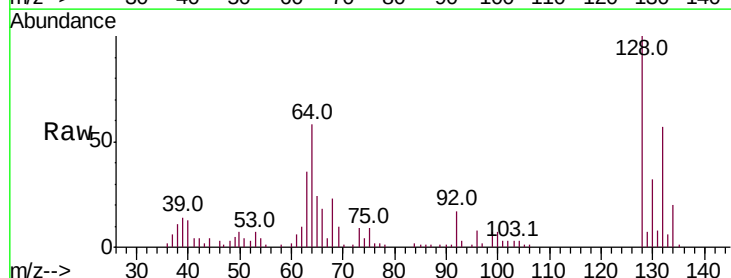
Tgt Ion: 128 Resp: 90930

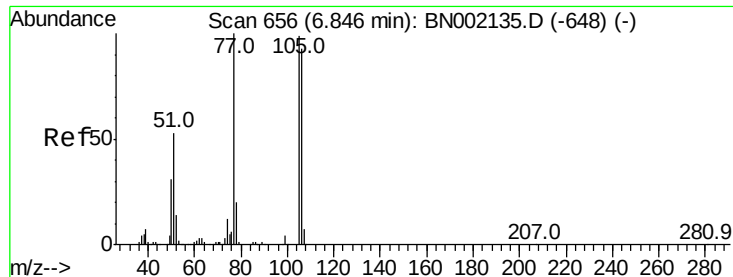
Ion Ratio Lower Upper

128 100

130 32.0 14.0 54.0

64 58.0 37.7 77.7





#9

Benzaldehyde

Concen: 6.701 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

ClientSampleId :

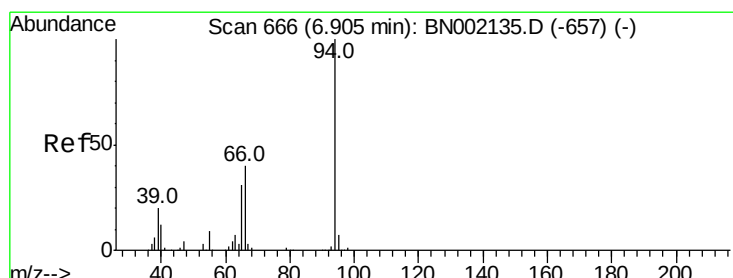
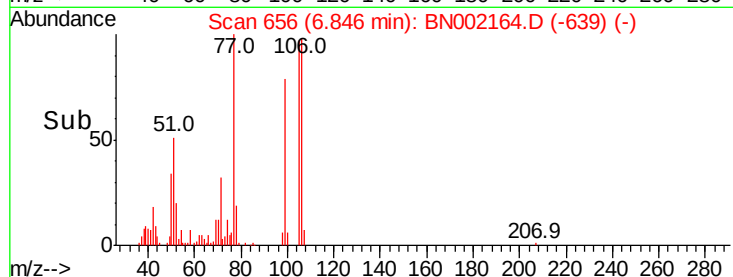
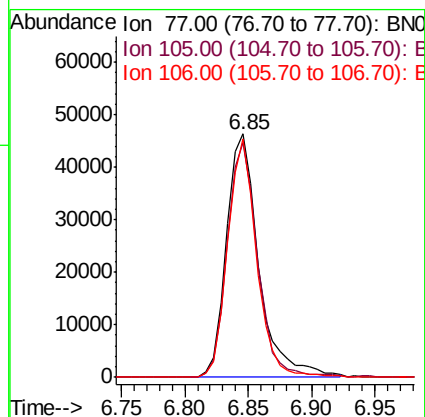
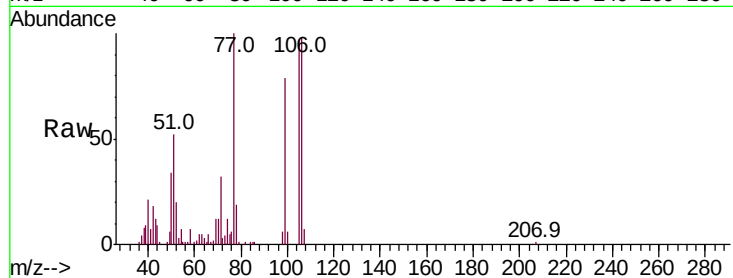
MDL-WATER-03-QT3-2018

Tot Ion: 77 Resp: 81763

Ion	Ratio	Lower	Upper
77	100		
105	96.6	71.3	111.3
106	98.1	64.2	104.2

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#10

Phenol

Concen: 5.832 ng

RT: 6.90 min Scan# 665

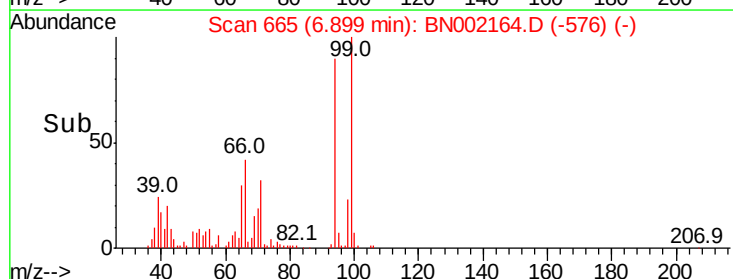
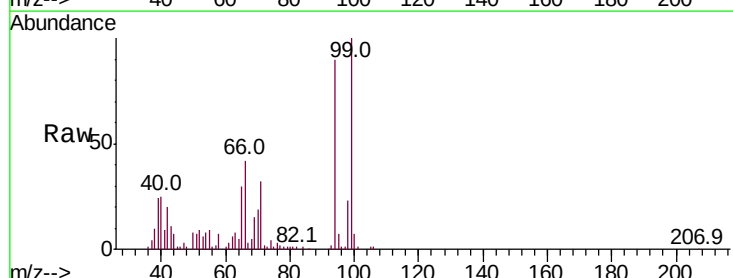
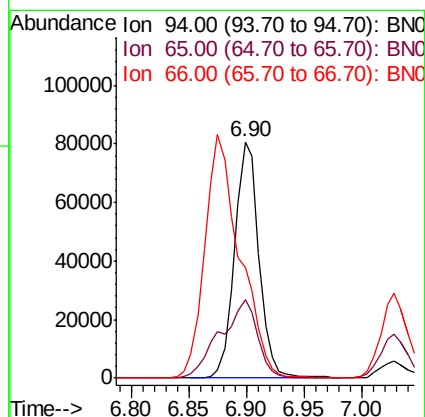
Delta R.T. -0.01 min

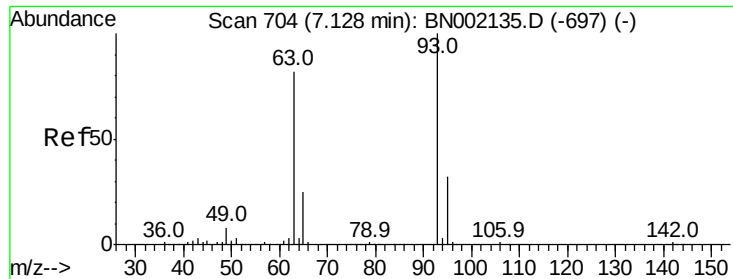
Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion: 94 Resp: 118444

Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.9	51.9
66	46.5	22.2	62.2





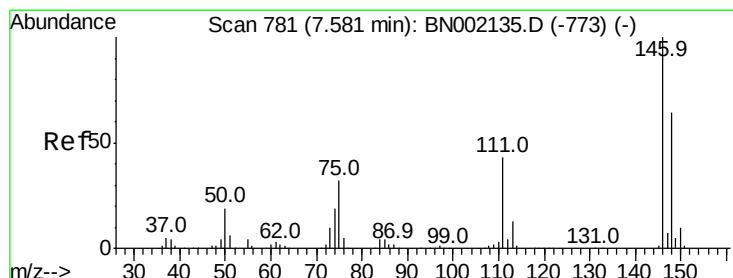
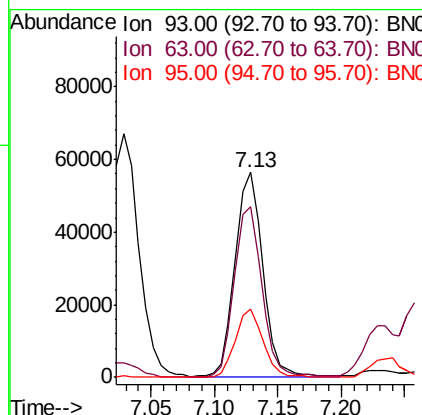
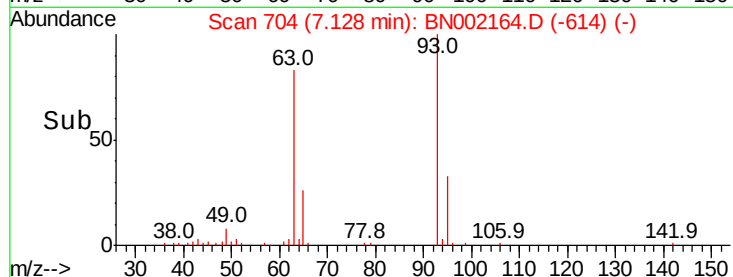
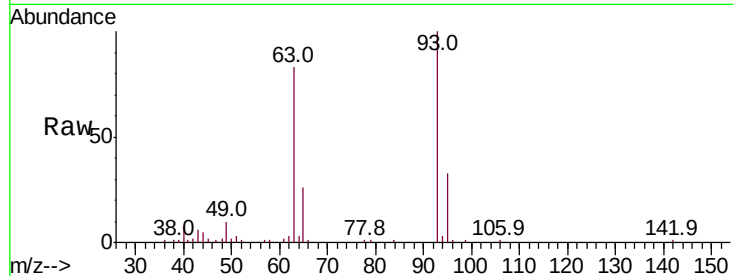
#11
bis(2-Chloroethyl)ether
Concen: 5.239 ng
RT: 7.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:	93	Resp:	86597
Ion	Ratio	Lower	Upper
93	100		
63	83.3	67.1	107.1
95	33.4	11.5	51.5

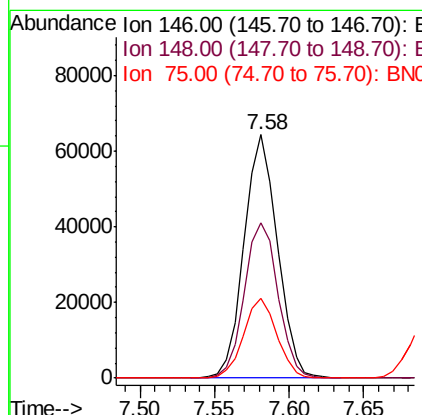
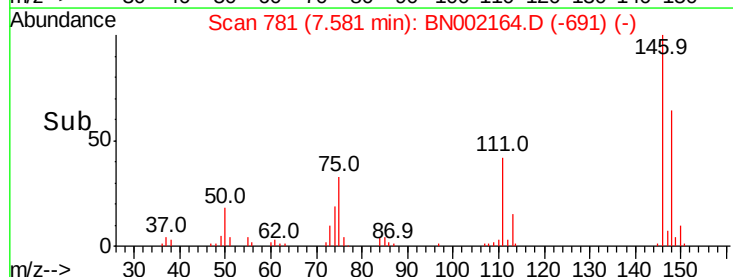
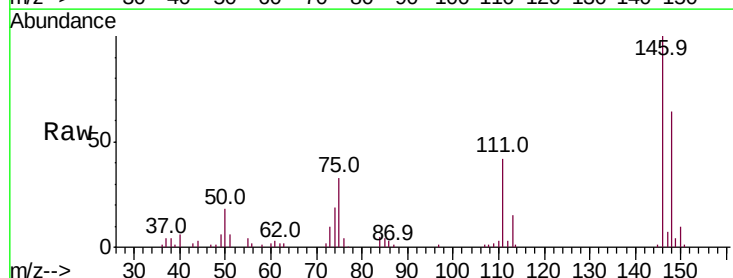
Manual Integrations
APPROVED

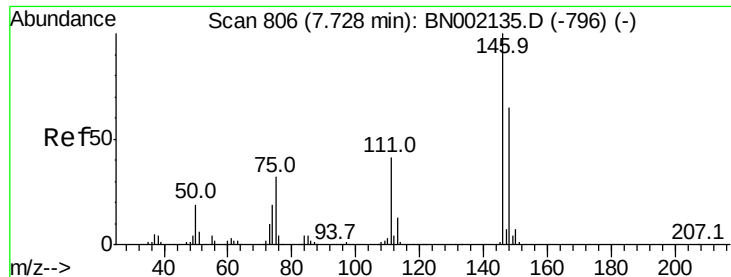
Sohil
7/27/2018 11:36:03 AM



#12
1,3-Dichlorobenzene
Concen: 5.333 ng
RT: 7.58 min Scan# 781
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion:	146	Resp:	99515
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
75	33.0	26.6	39.8





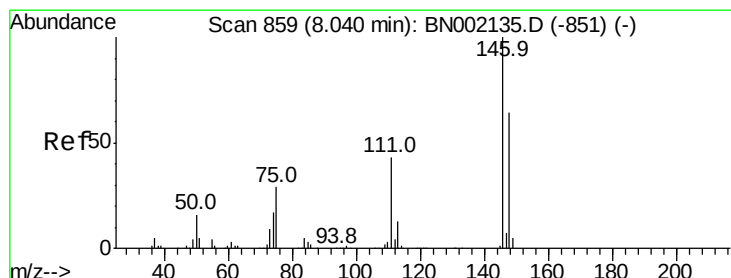
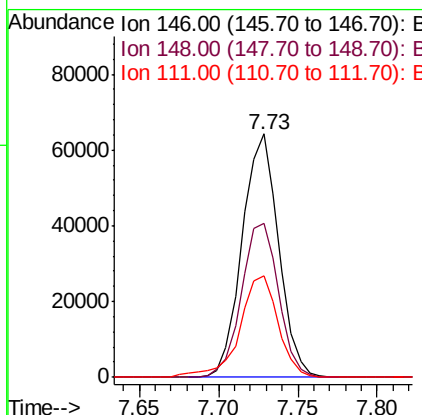
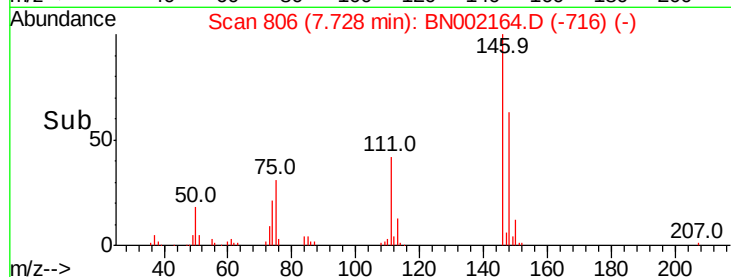
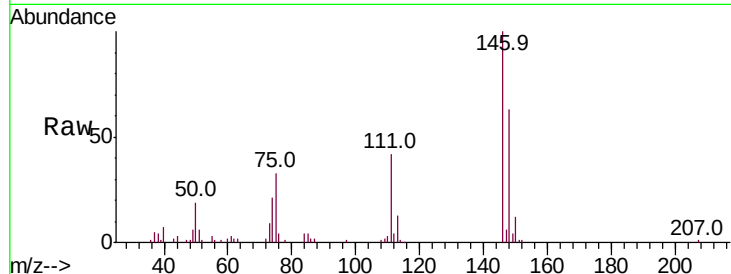
#13
1,4-Dichlorobenzene
Concen: 5.374 ng
RT: 7.73 min Scan# 806
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.7	80.5
111	41.7	35.2	52.8

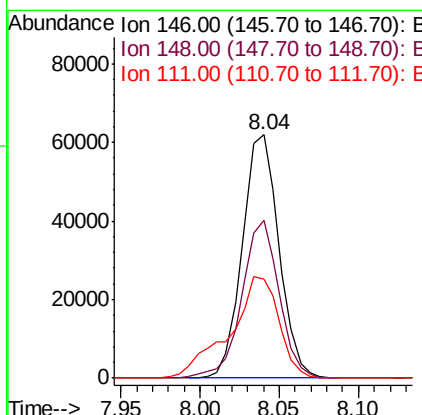
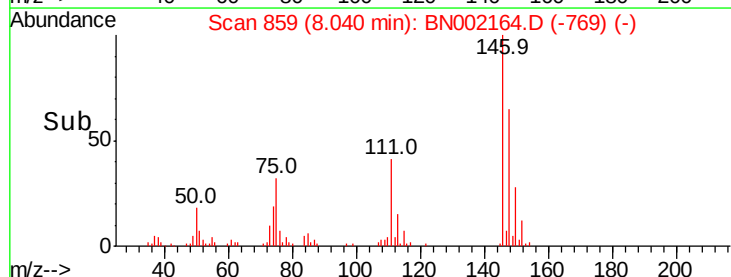
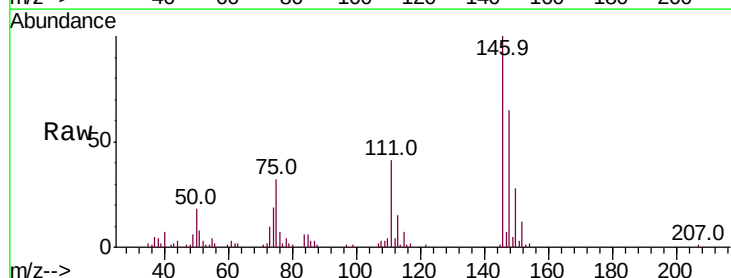
Manual Integrations
APPROVED

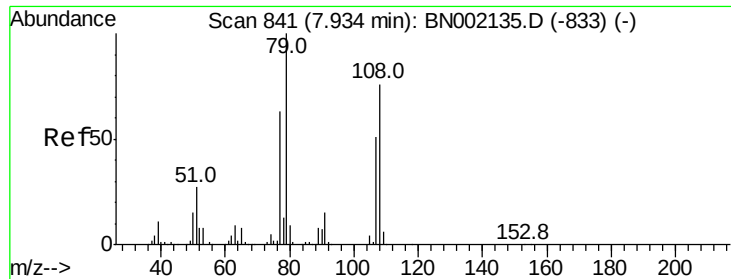
Sohil
7/27/2018 11:36:03 AM



#14
1,2-Dichlorobenzene
Concen: 5.389 ng
RT: 8.04 min Scan# 859
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	40.5	34.3	51.5





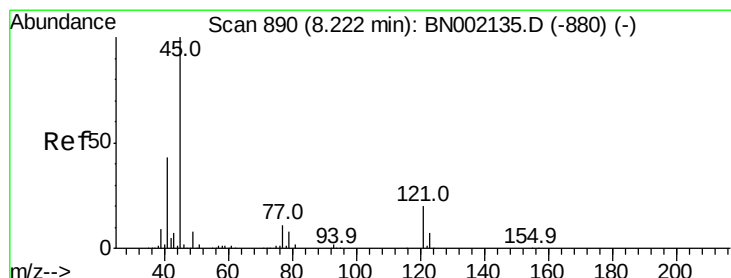
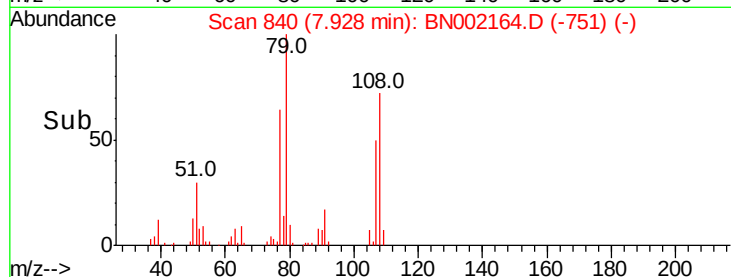
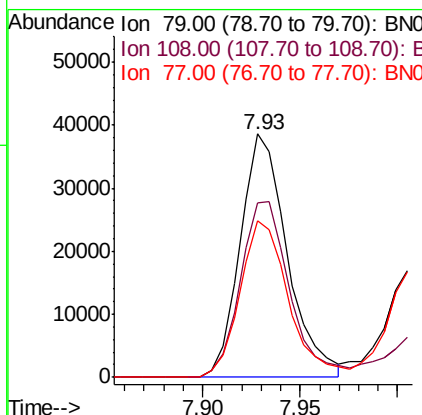
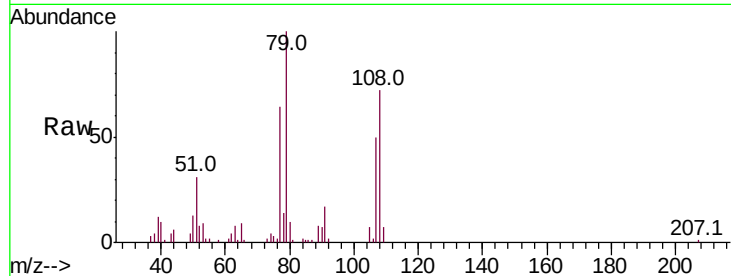
#15
Benzyl Alcohol
Concen: 4.315 ng
RT: 7.93 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.7	57.2	85.8
77	64.2	46.1	69.1

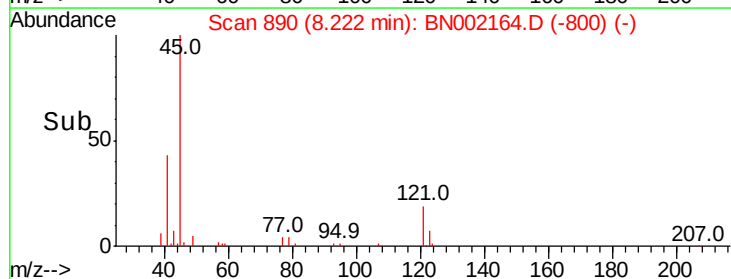
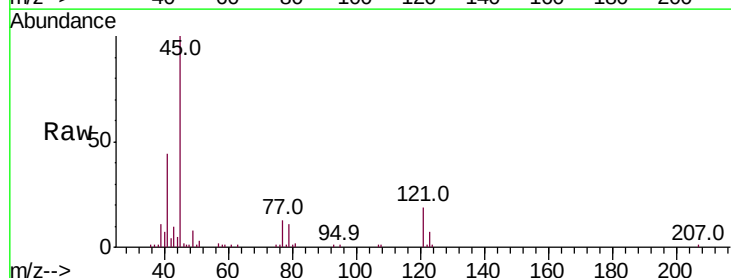
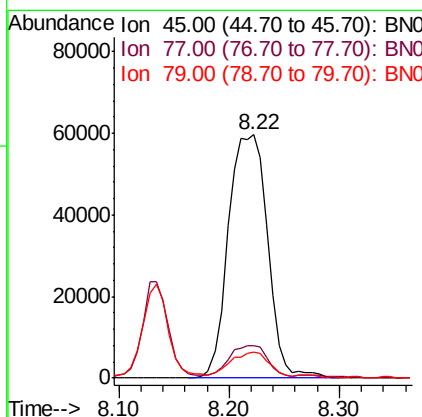
Manual Integrations
APPROVED

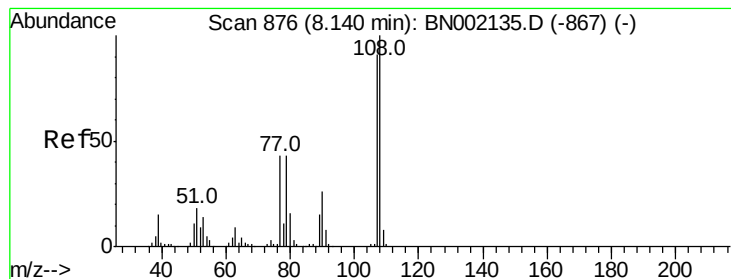
Sohil
7/27/2018 11:36:03 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 5.570 ng
RT: 8.22 min Scan# 890
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	30.2
79	10.8	0.0	27.9





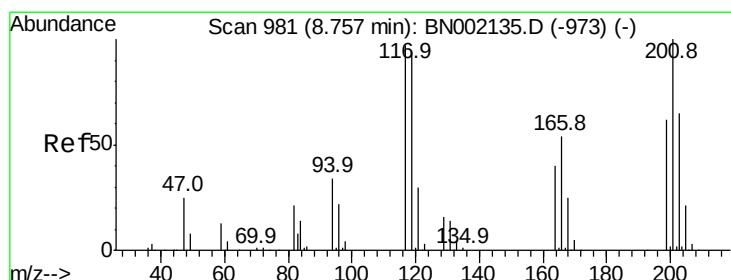
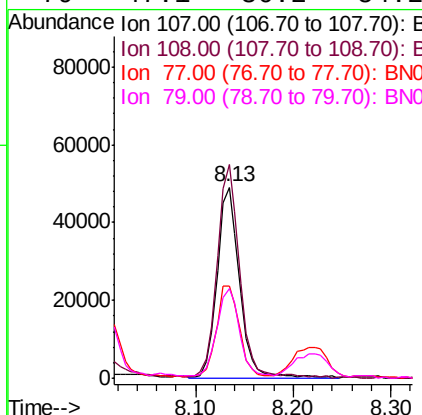
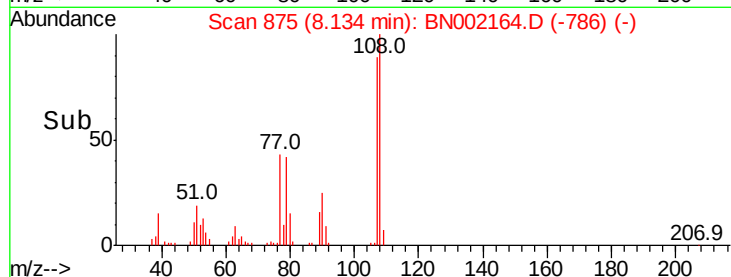
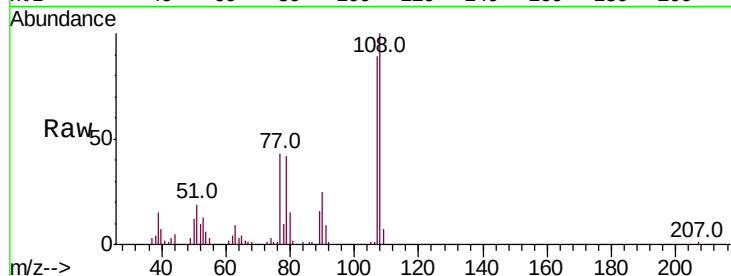
#17
2-Methylphenol
Concen: 5.714 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	83.9	125.9	
77	48.3	37.2	55.8	
79	47.1	36.2	54.2	

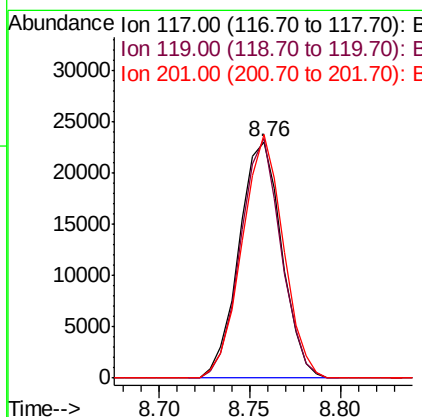
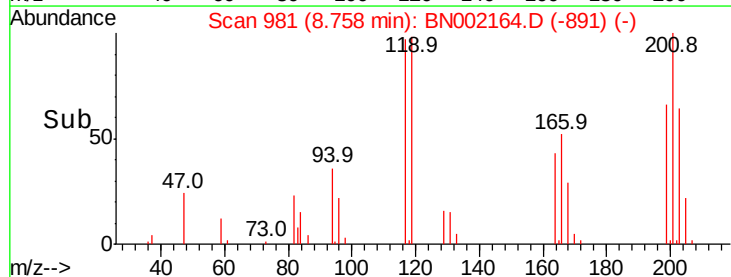
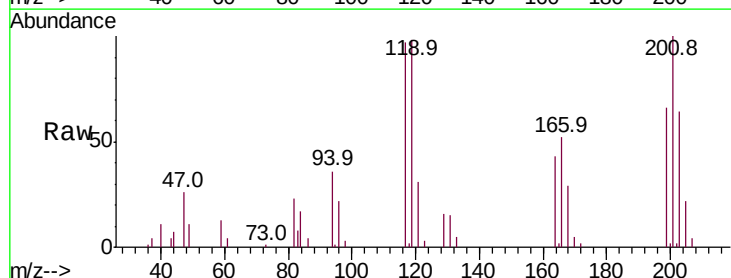
Manual Integrations
APPROVED

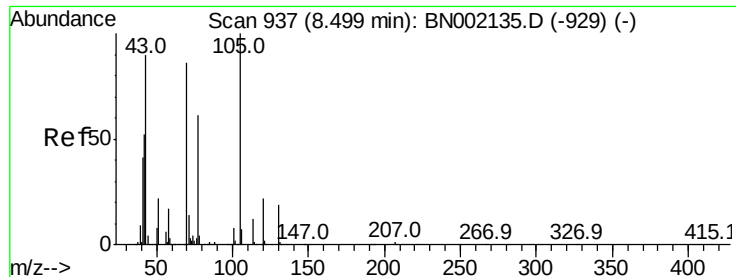
Sohil
7/27/2018 11:36:03 AM



#18
Hexachloroethane
Concen: 5.392 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.3	76.7	115.1	
201	103.0	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 5.037 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

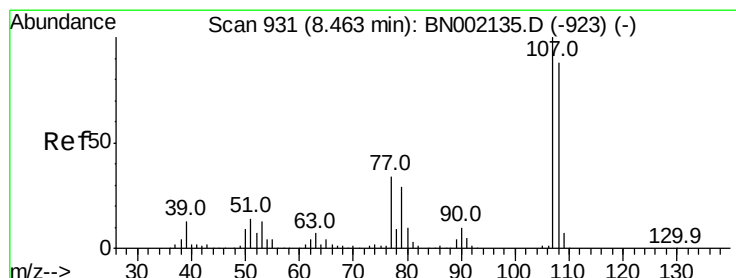
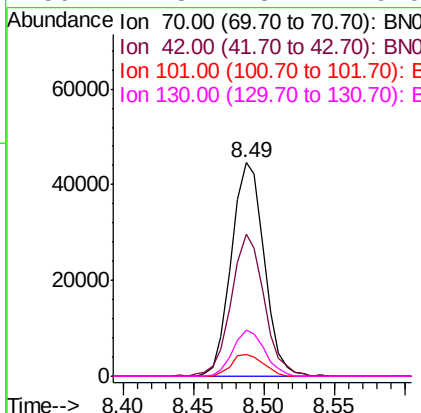
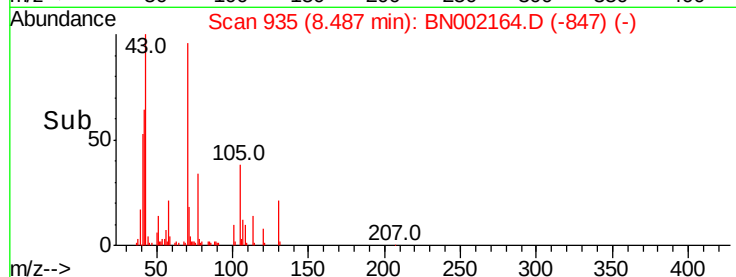
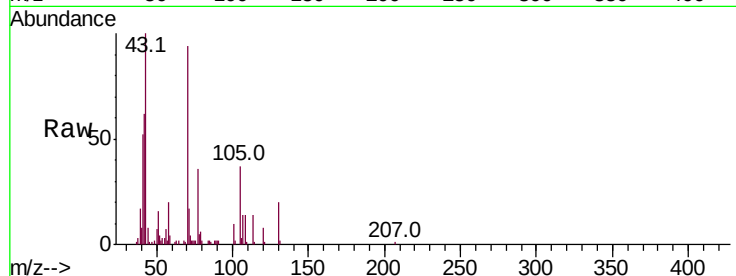
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.6	49.1	73.7
101	10.3	8.5	12.7
130	21.8	13.4	20.0#

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#20

3+4-Methylphenols

Concen: 5.281 ng

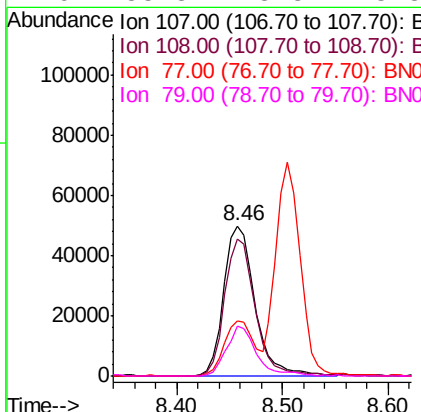
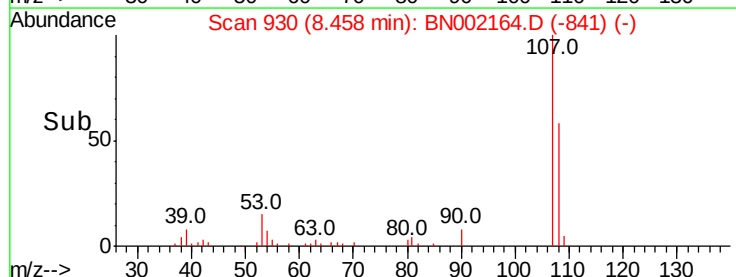
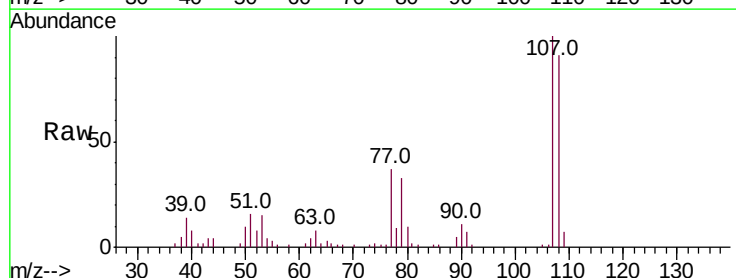
RT: 8.46 min Scan# 930

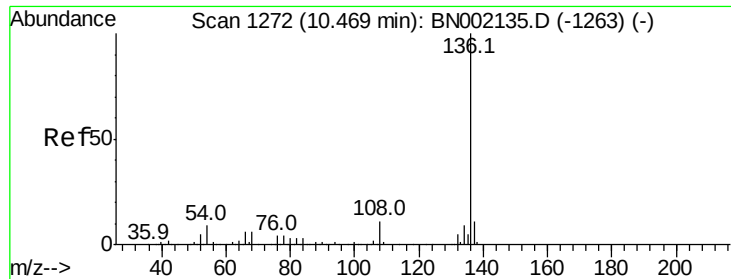
Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	61.6	101.6
77	36.7	13.9	53.9
79	33.3	8.8	48.8





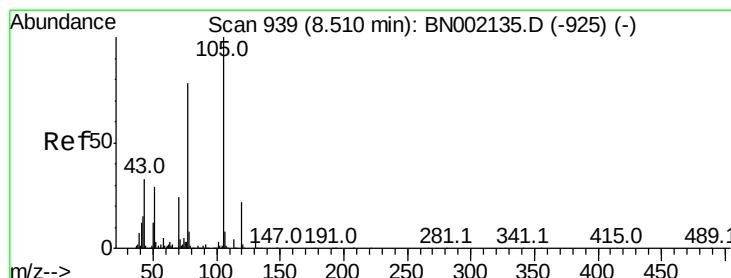
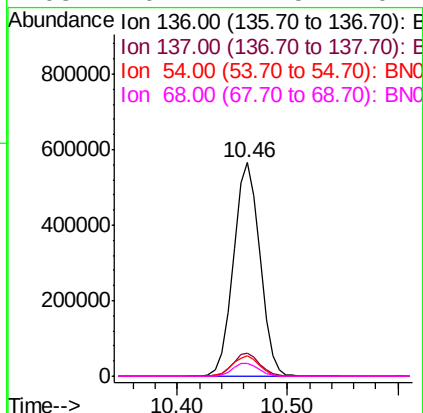
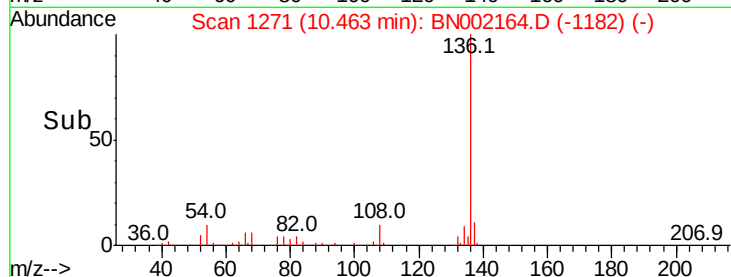
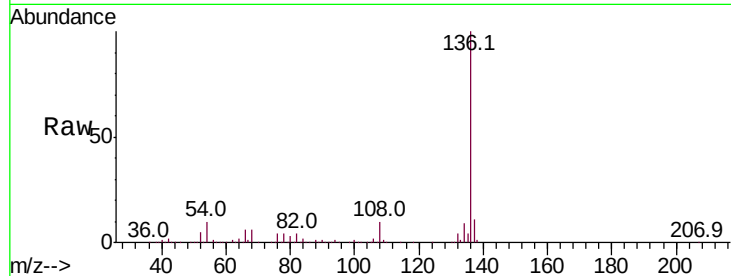
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.2	13.8	
54	9.6	10.3	15.5	
68	6.1	4.5	6.7	

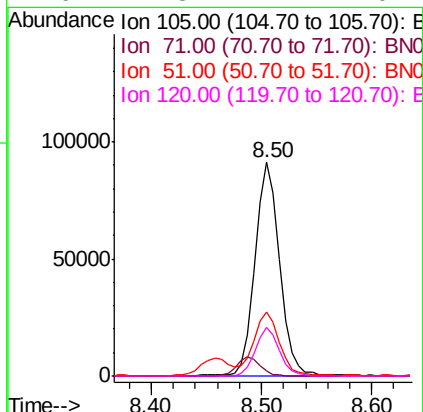
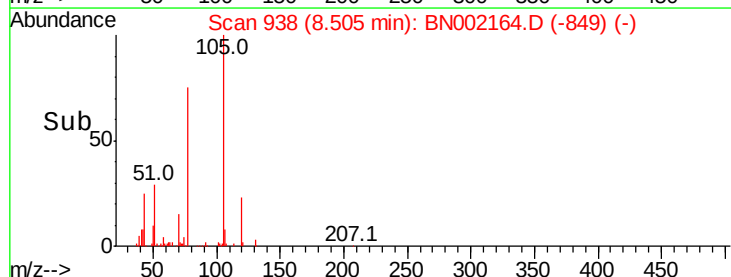
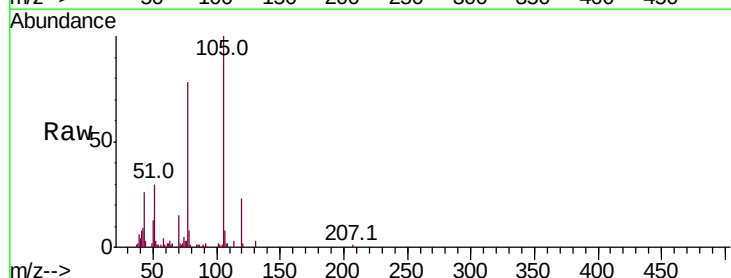
Manual Integrations
APPROVED

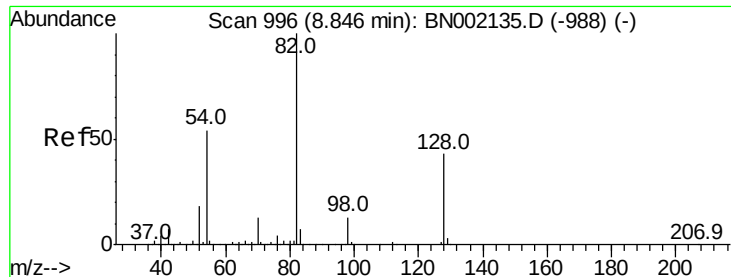
Sohil
7/27/2018 11:36:03 AM



#22
Acetophenone
Concen: 5.833 ng
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.2	3.0	4.4	
51	29.8	26.1	39.1	
120	22.8	17.4	26.2	





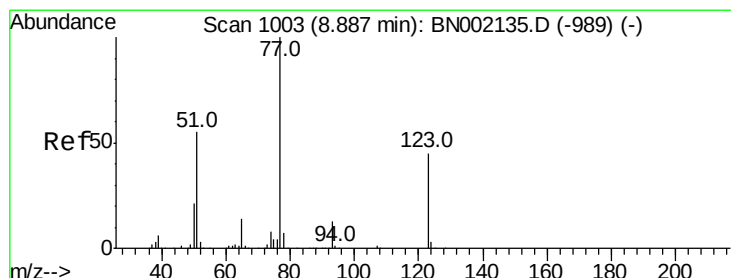
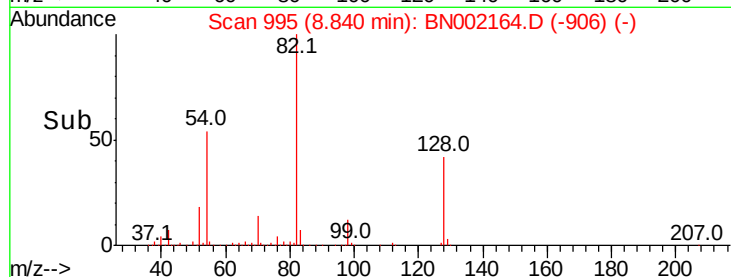
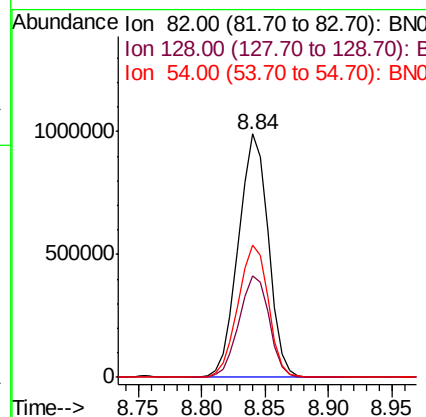
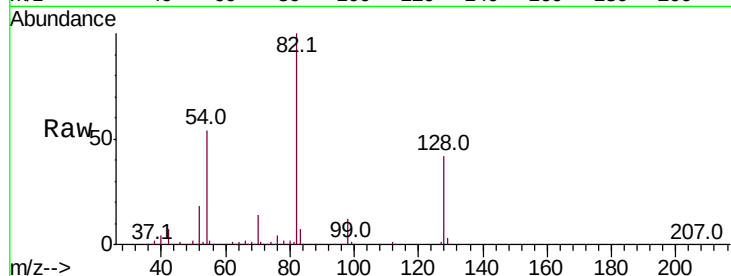
#23
Nitrobenzene-d5
Concen: 87.478 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.7	44.5
54	54.4	43.1	64.7

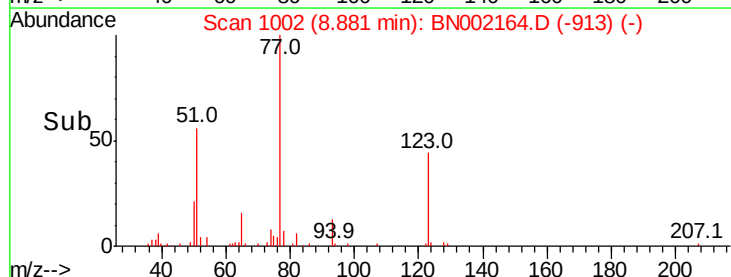
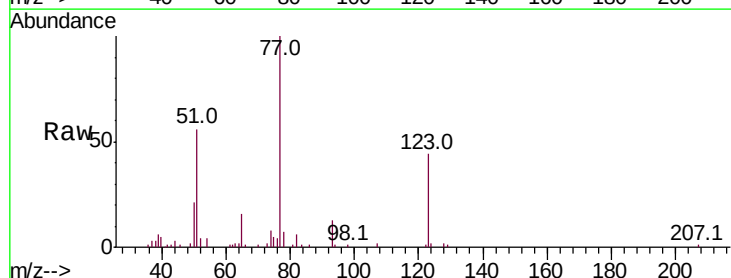
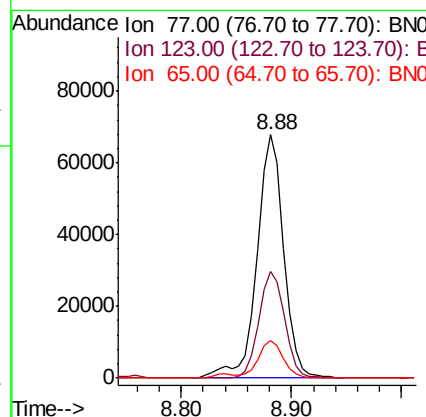
Manual Integrations
APPROVED

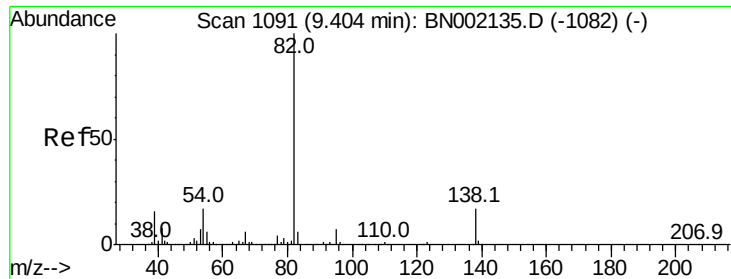
Sohil
7/27/2018 11:36:03 AM



#24
Nitrobenzene
Concen: 5.989 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.0	49.6
65	15.7	13.0	19.6





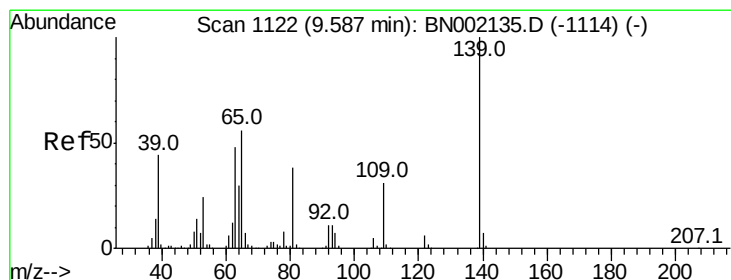
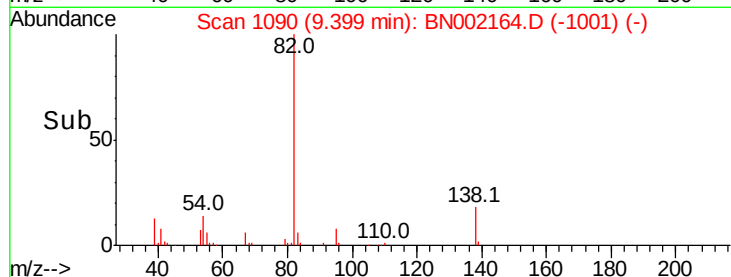
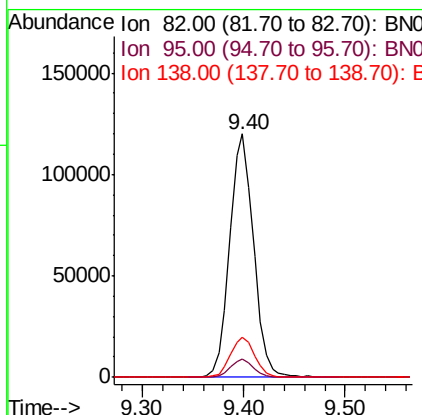
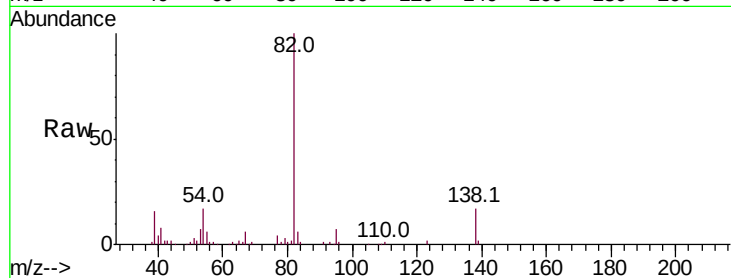
#25
Isophorone
Concen: 6.159 ng
RT: 9.40 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.2	9.2
138	16.7	12.1	18.1

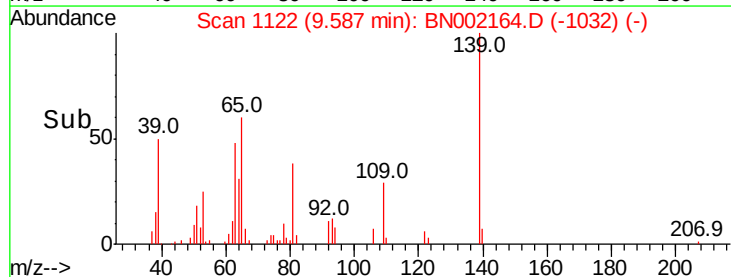
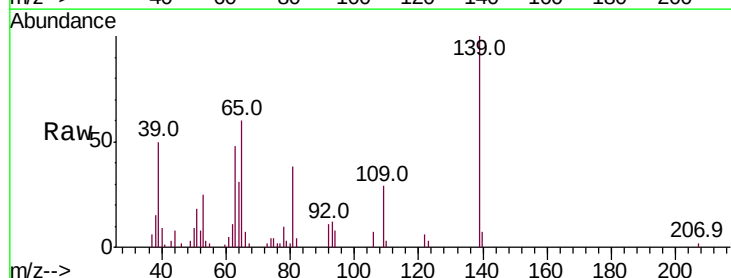
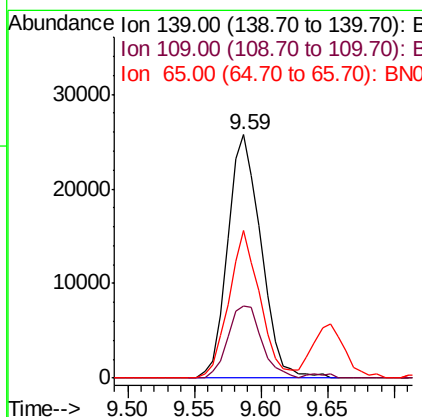
Manual Integrations
APPROVED

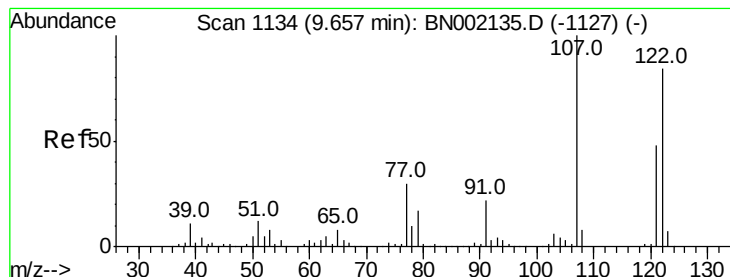
Sohil
7/27/2018 11:36:03 AM



#26
2-Nitrophenol
Concen: 4.816 ng
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.5	24.2	36.2
65	60.5	47.4	71.0





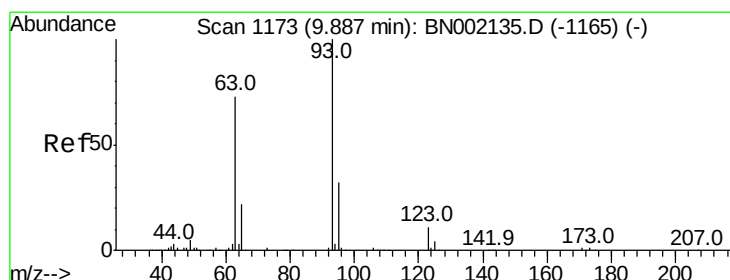
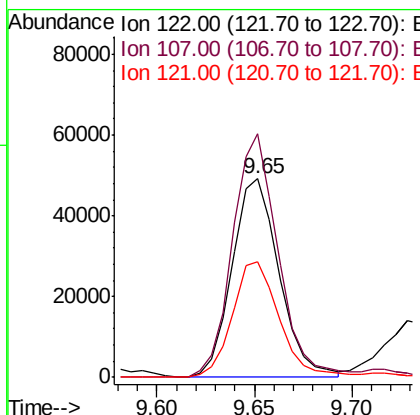
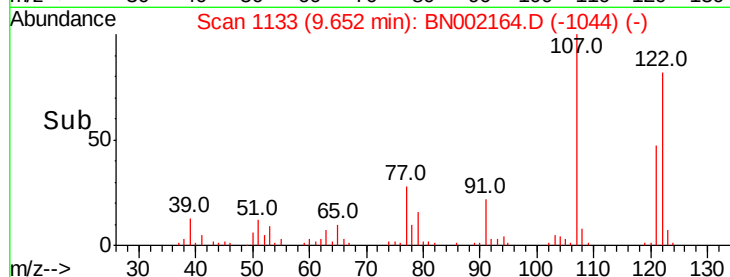
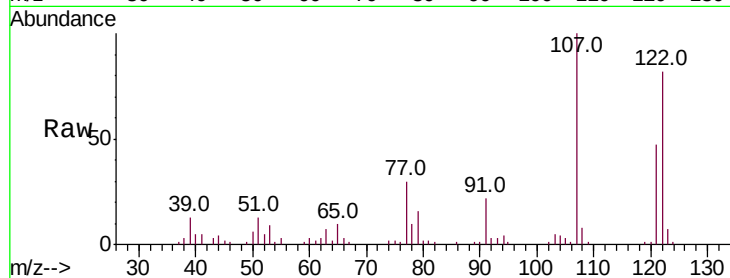
#27
 2,4-Dimethylphenol
 Concen: 6.383 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.7	100.2	150.2
121	57.9	44.4	66.6

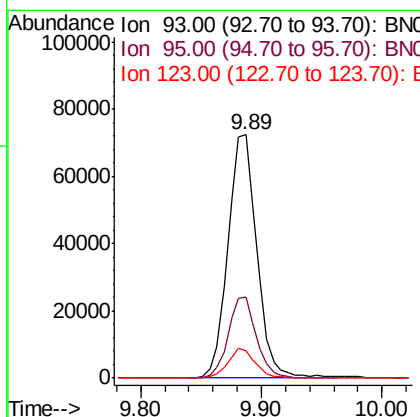
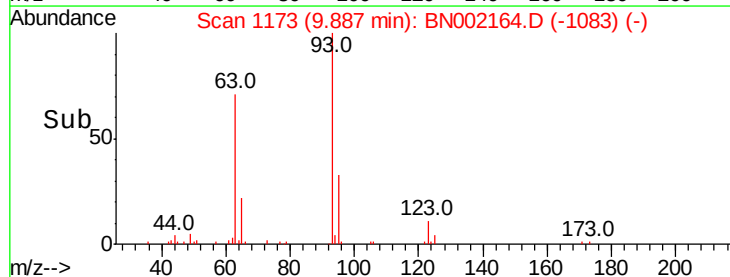
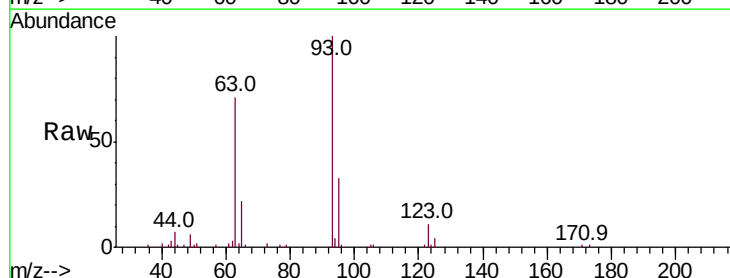
Manual Integrations
 APPROVED

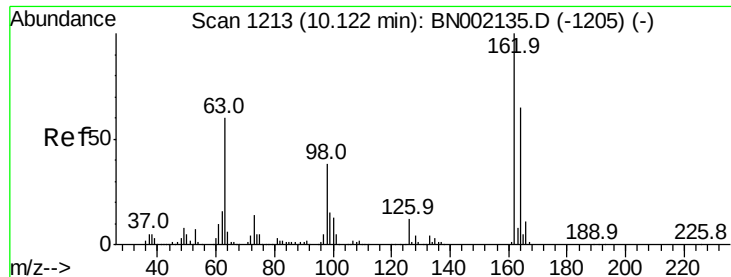
Sohil
 7/27/2018 11:36:03 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.874 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	11.2	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 5.586 ng

RT: 10.12 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:162 Resp: 84046

Ion Ratio Lower Upper

162 100

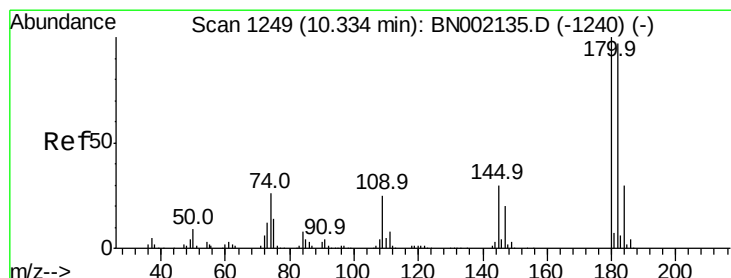
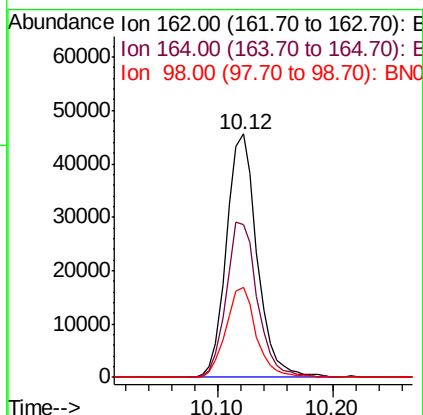
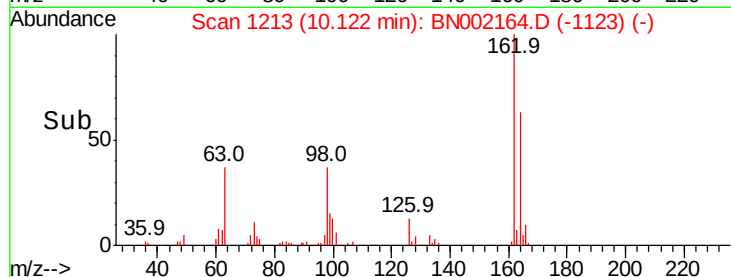
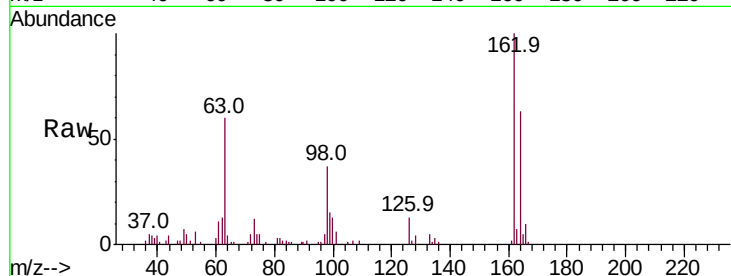
164 62.8 48.0 88.0

98 36.7 21.1 61.1

Manual Integrations
APPROVED

Sohil

7/27/2018 11:36:03 AM



#30

1,2,4-Trichlorobenzene

Concen: 5.493 ng

RT: 10.33 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

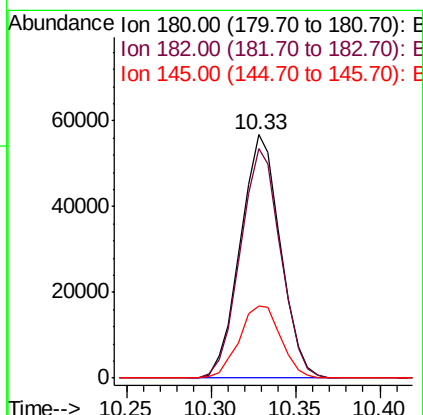
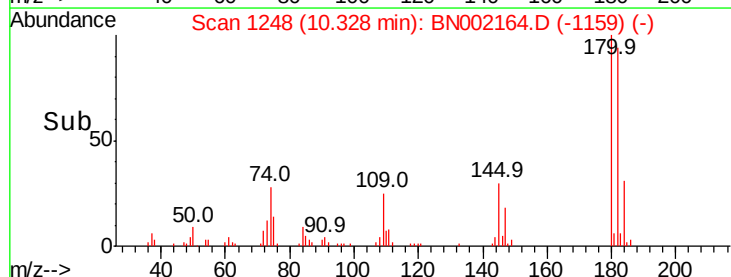
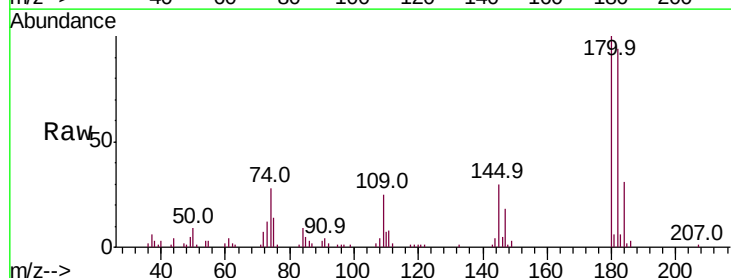
Tgt Ion:180 Resp: 93605

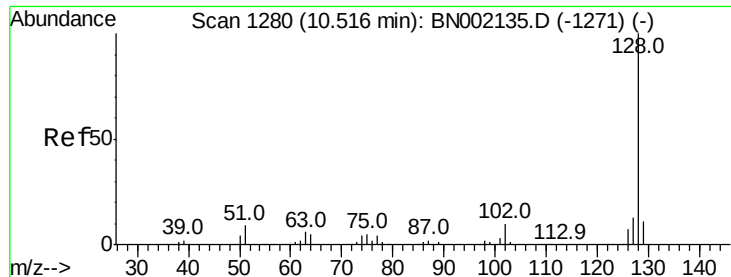
Ion Ratio Lower Upper

180 100

182 94.1 77.5 116.3

145 29.8 23.4 35.2





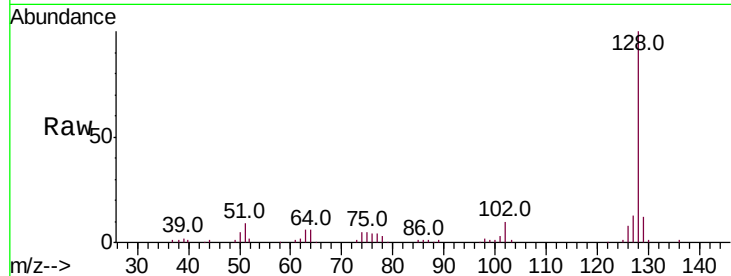
#31
Naphthalene
Concen: 6.125 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	13.2	11.6	17.4

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM

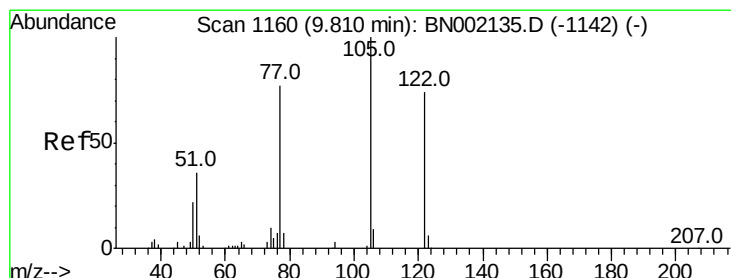
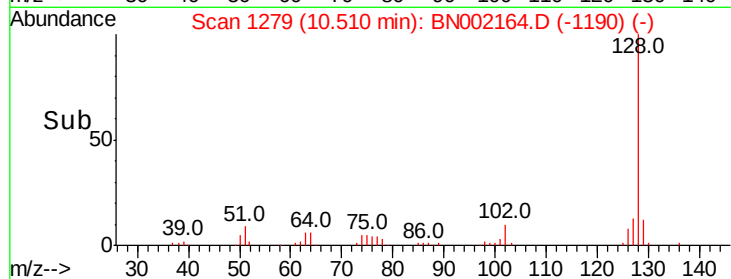
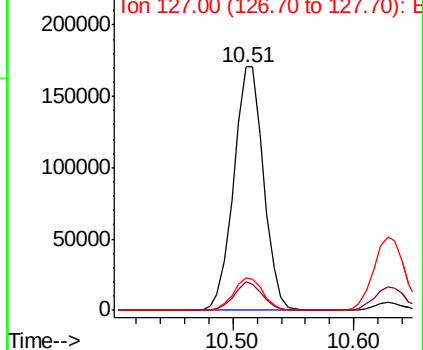


Abundance

Ion 128.00 (127.70 to 128.70): E

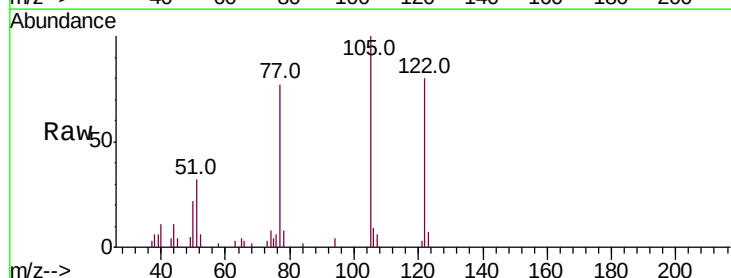
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 2.566 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	123.5	163.5
77	95.4	85.7	125.7

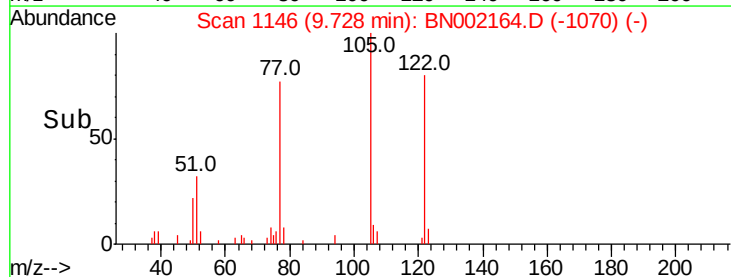
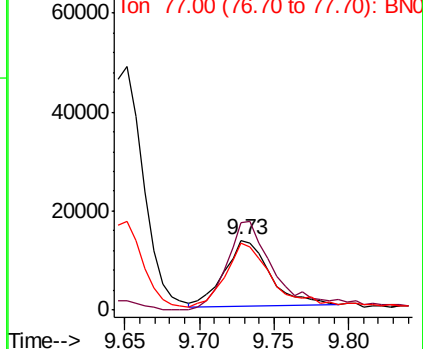


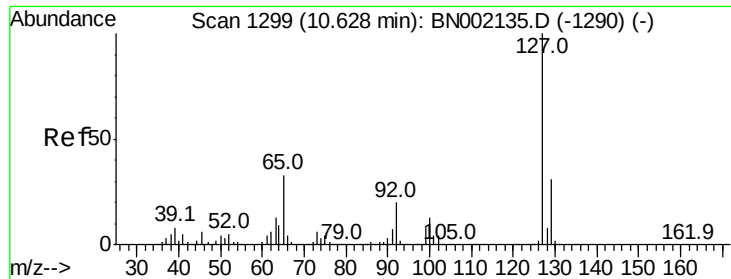
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO





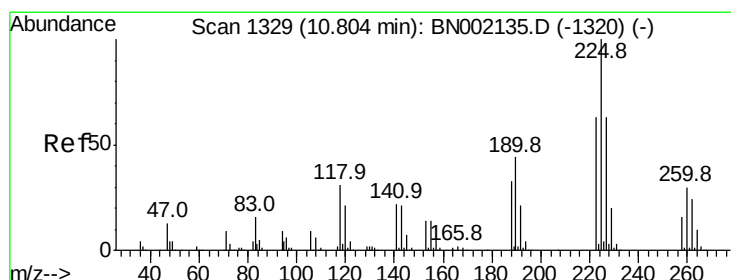
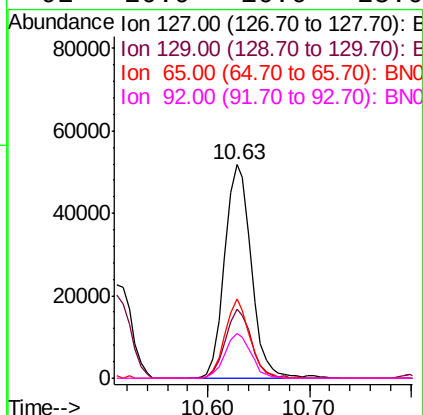
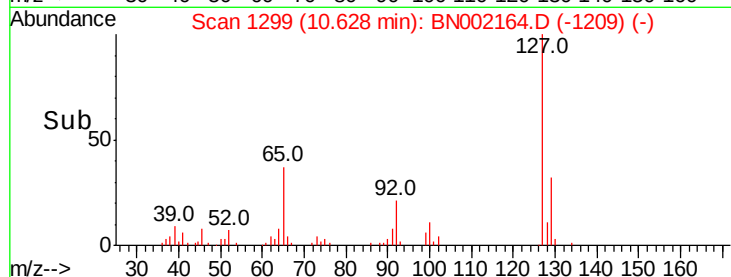
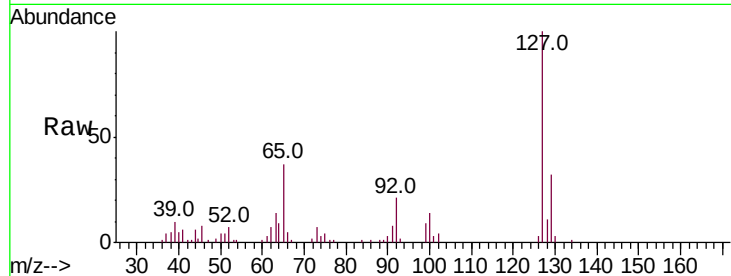
#33
4-Chloroaniline
Concen: 4.444 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.0	36.0
65	37.0	27.0	40.4
92	20.9	16.6	25.0

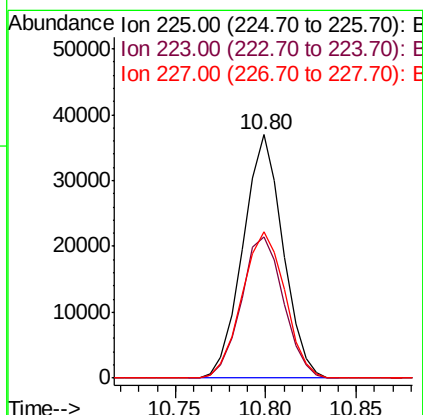
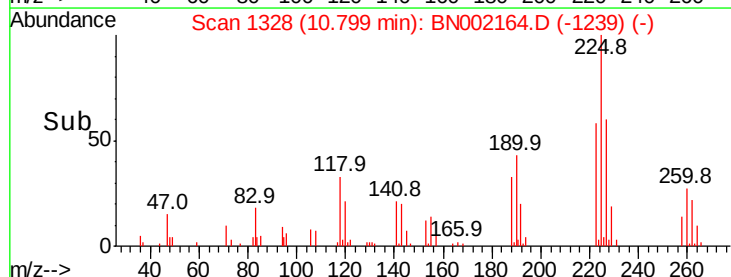
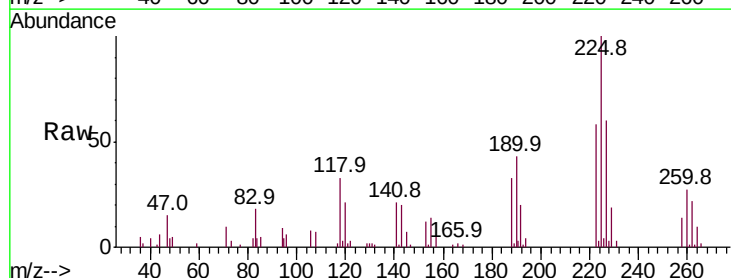
Manual Integrations
APPROVED

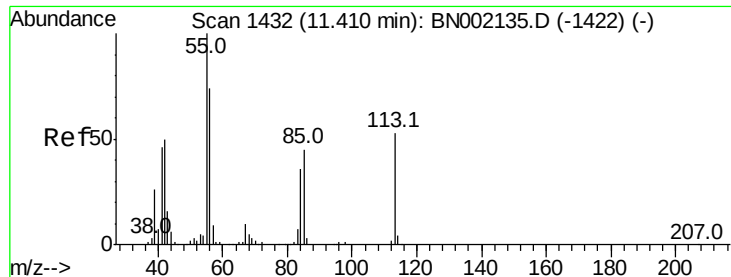
Sohil
7/27/2018 11:36:03 AM



#34
Hexachlorobutadiene
Concen: 5.437 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.0	49.7	74.5
227	59.8	48.1	72.1





#35

Caprolactam

Concen: 4.858 ng

RT: 11.38 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:113 Resp: 24945

Ion Ratio Lower Upper

113 100

55 182.5 120.0 160.0#

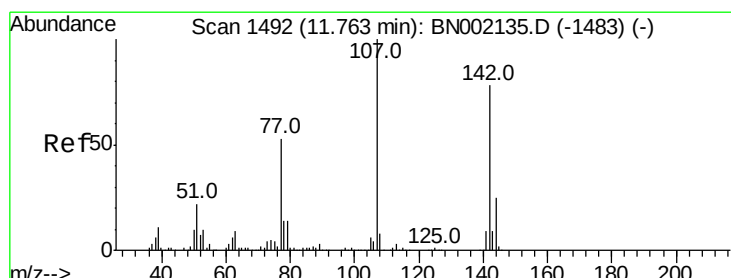
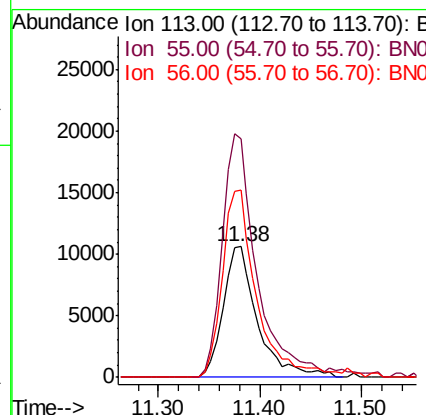
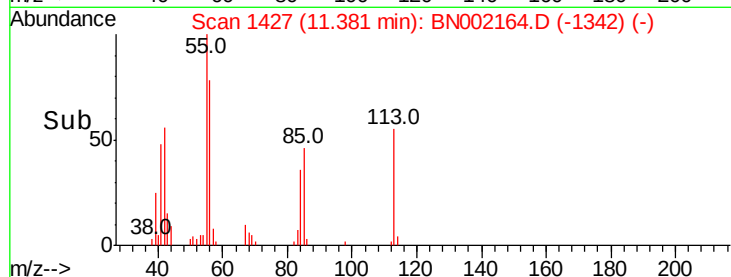
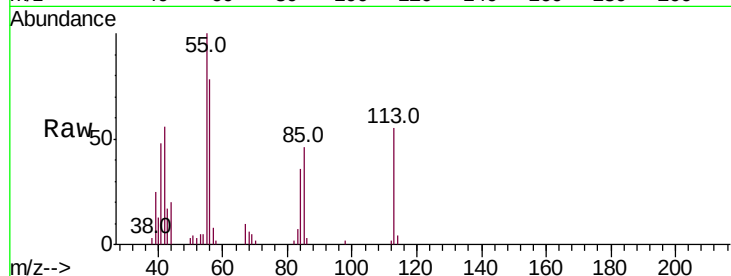
56 142.8 90.0 130.0#

Manual Integrations

APPROVED

Sohil

7/27/2018 11:36:03 AM



#36

4-Chloro-3-methylphenol

Concen: 5.497 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

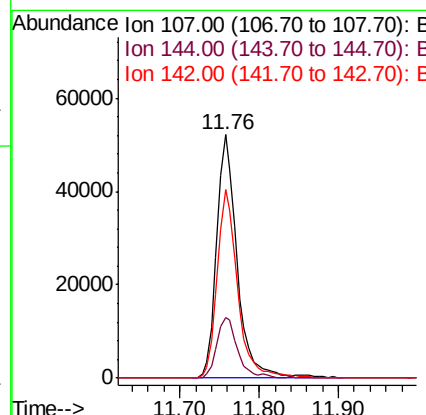
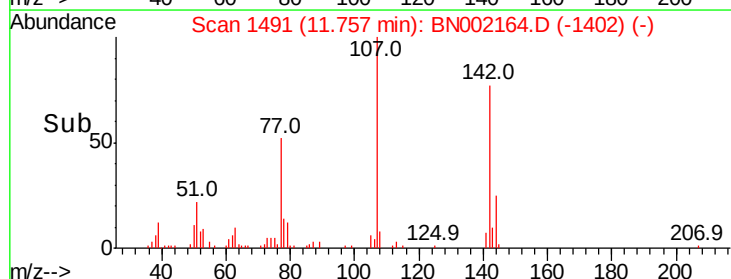
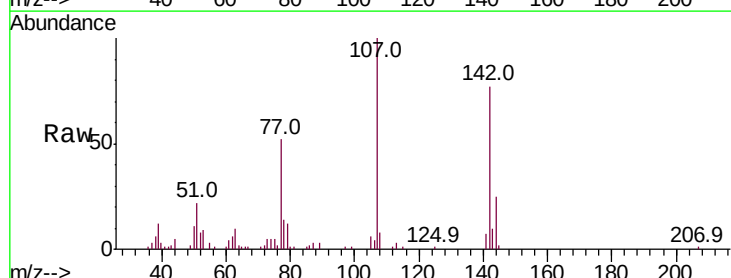
Tgt Ion:107 Resp: 94055

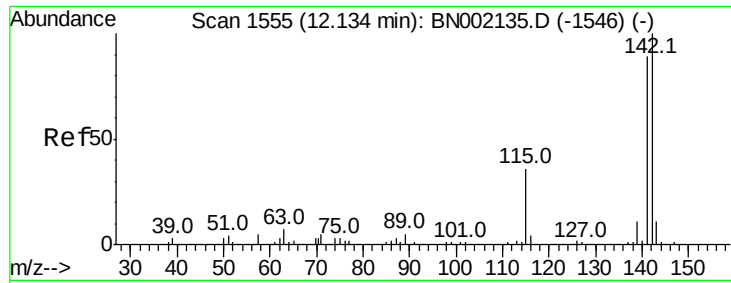
Ion Ratio Lower Upper

107 100

144 25.0 18.2 27.4

142 77.4 59.0 88.4





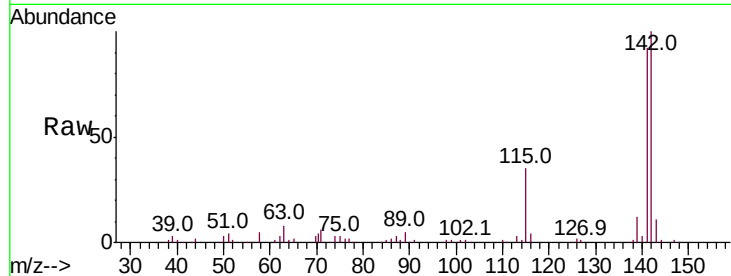
#37
2-Methylnaphthalene
Concen: 6.429 ng
RT: 12.13 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	67.1	100.7
115	35.1	30.7	46.1

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM

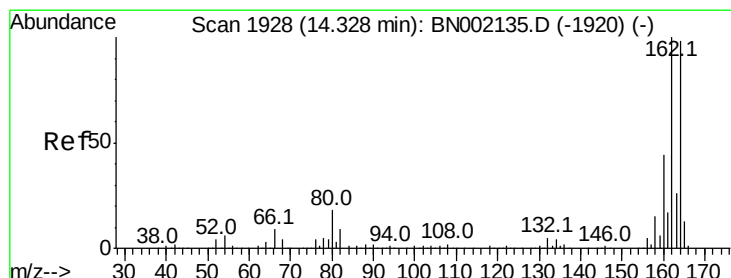
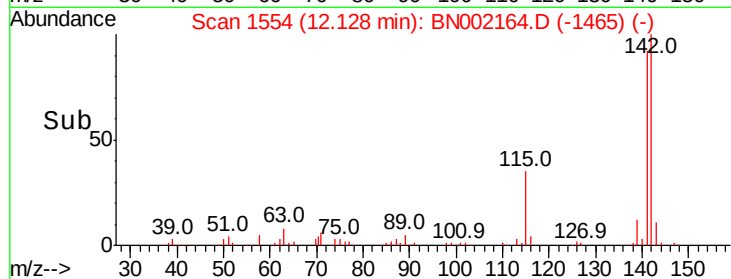
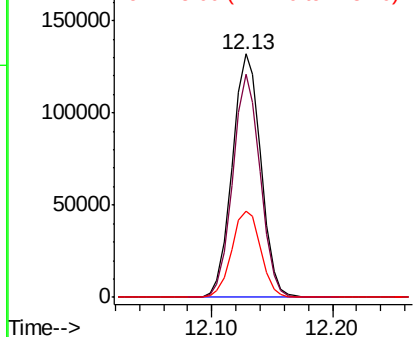


Abundance

Ion 142.00 (141.70 to 142.70): E

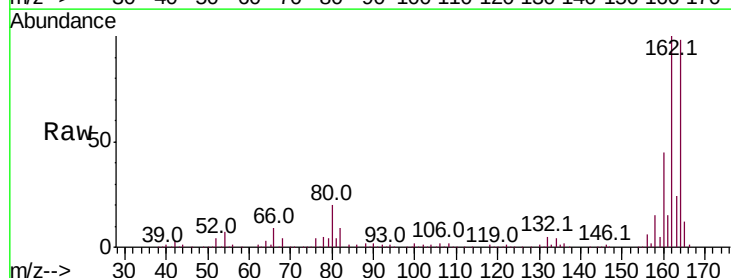
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	45.7	35.4	53.0

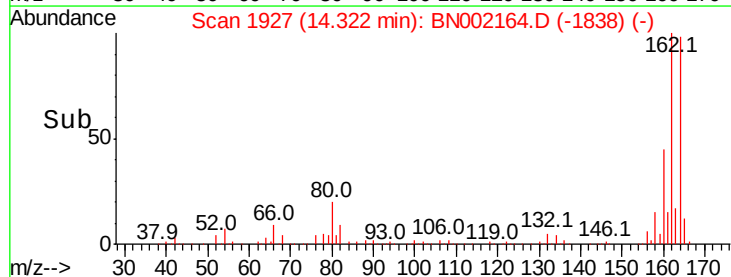
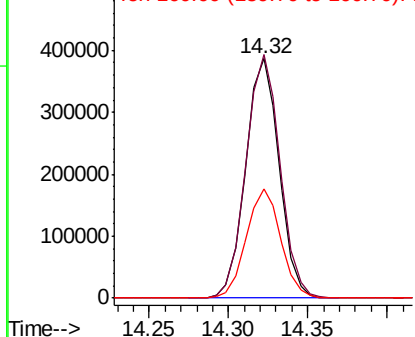


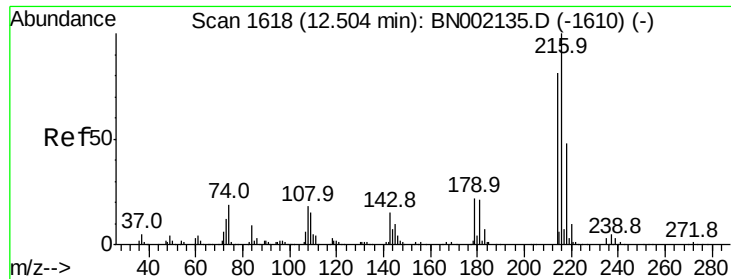
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





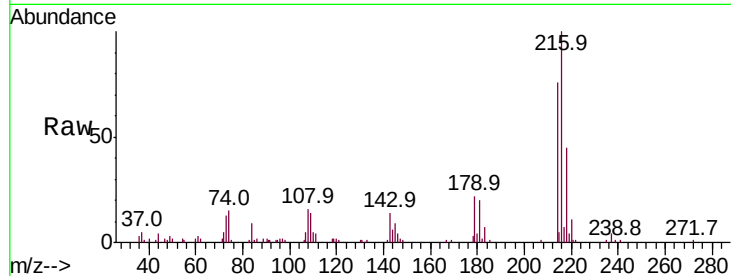
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.619 ng
 RT: 12.50 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
216	100	107186		
214	77.9	63.0	94.4	
179	20.9	17.0	25.6	
108	18.6	12.8	19.2	

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:36:03 AM



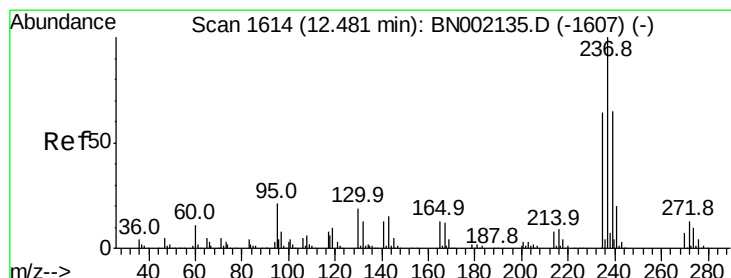
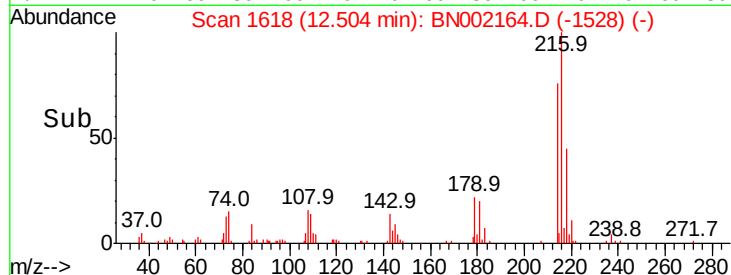
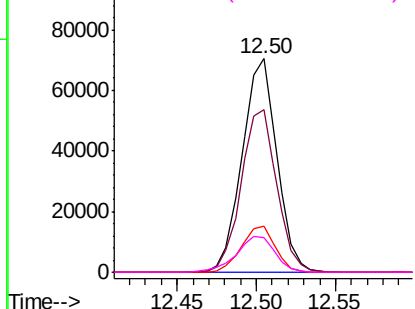
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

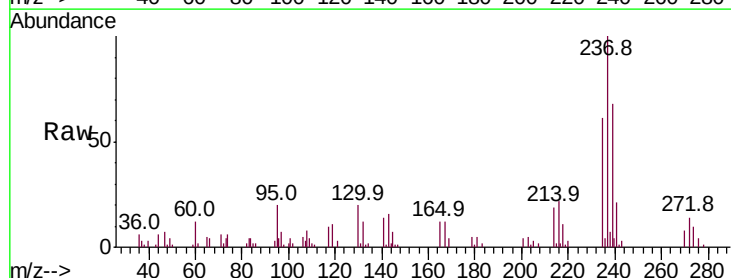
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 5.260 ng
 RT: 12.48 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	56669		
235	61.1	50.4	90.4	
272	13.8	0.0	31.8	

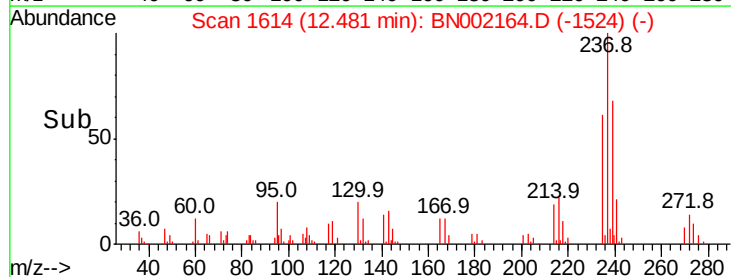
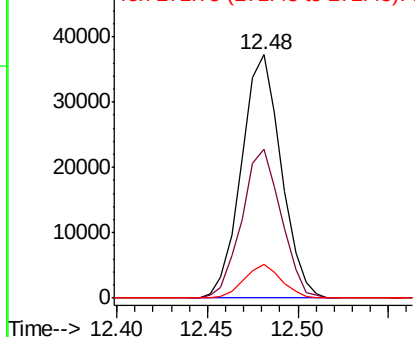


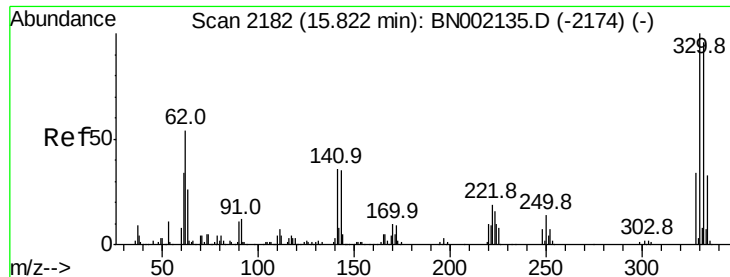
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





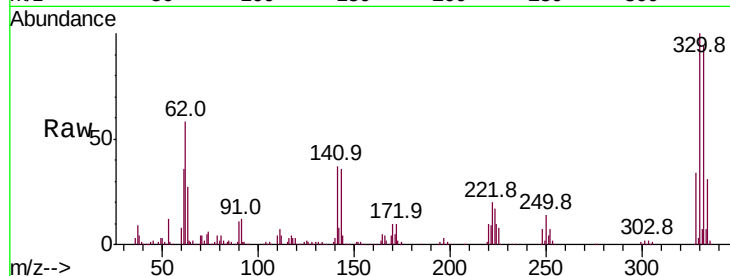
#41
 2,4,6-Tribromophenol
 Concen: 127.486 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

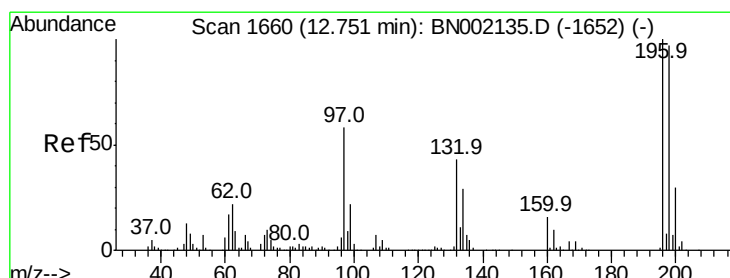
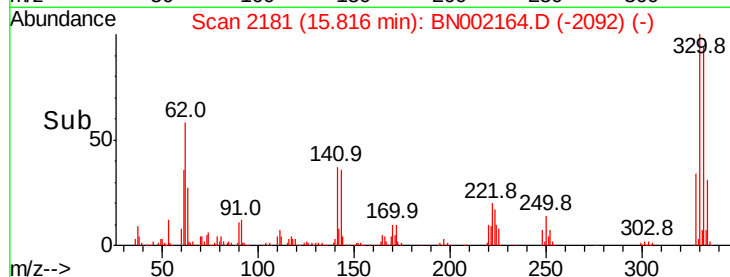
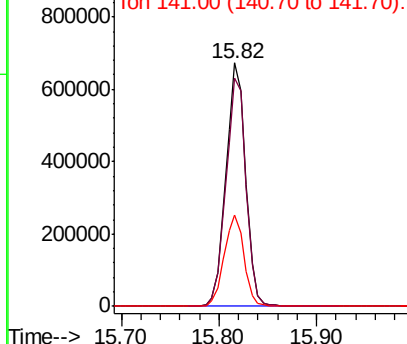
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	37.9	25.2	37.8#	

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:36:03 AM



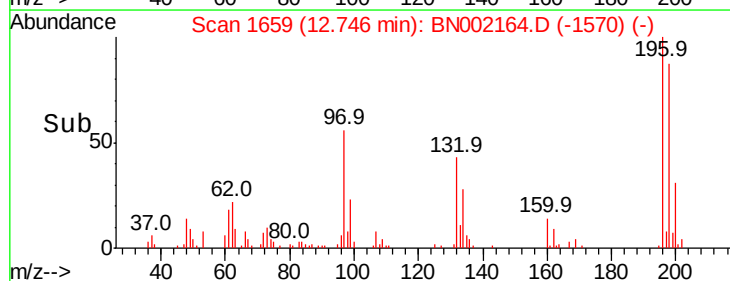
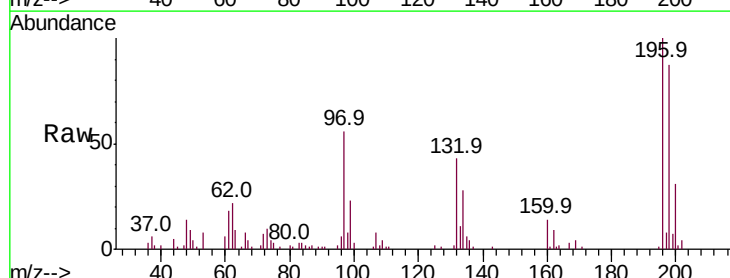
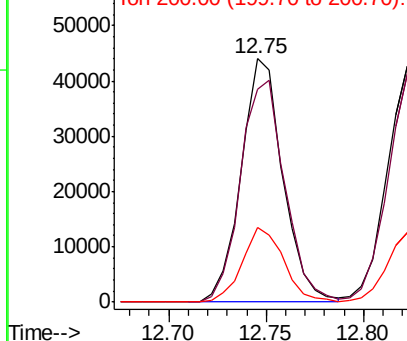
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

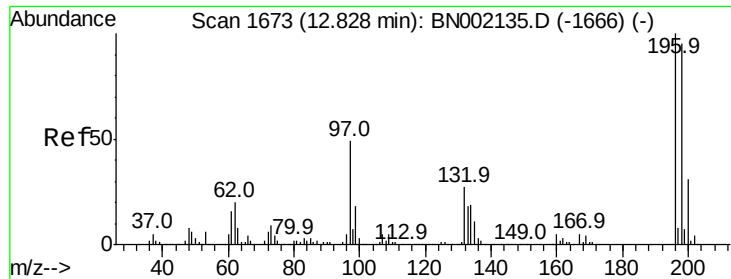


#42
 2,4,6-Trichlorophenol
 Concen: 5.110 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	87.4	78.2	117.2	
200	30.7	24.6	36.8	

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





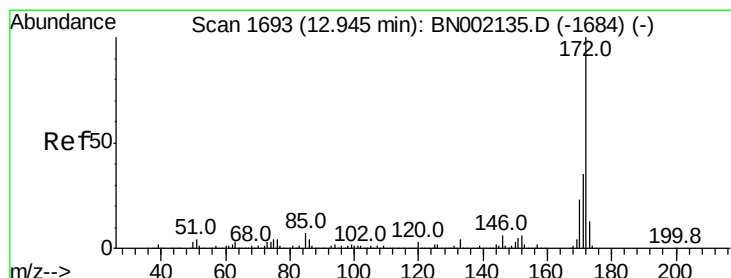
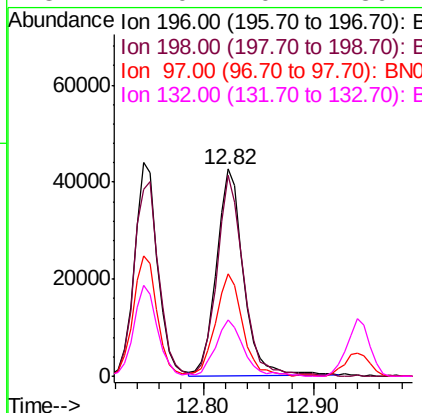
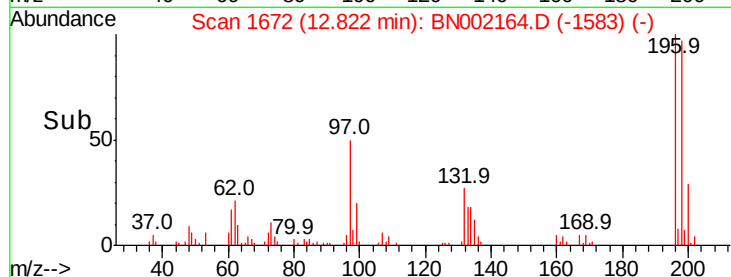
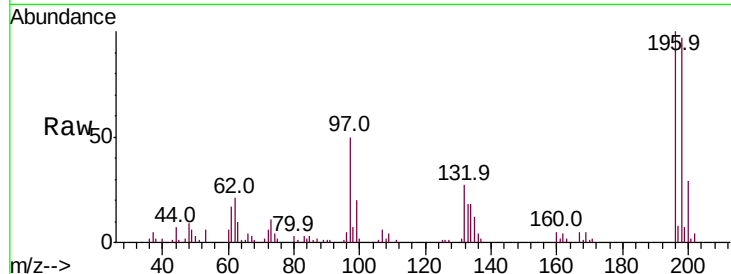
#43
 2,4,5-Trichlorophenol
 Concen: 5.305 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	196	Resp	71921
Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.2	114.4
97	49.7	38.7	58.1
132	27.0	20.2	30.2

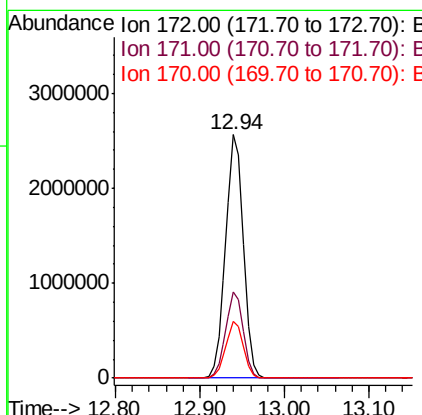
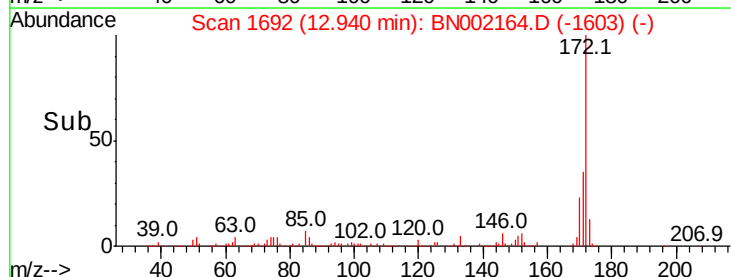
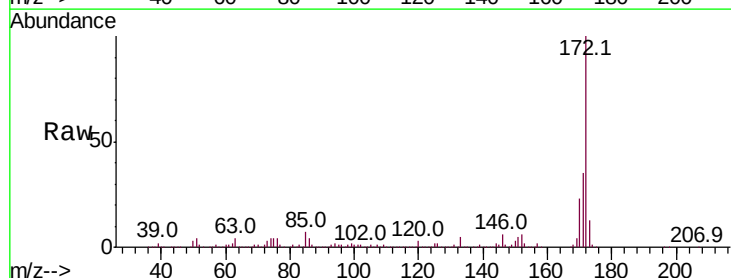
Manual Integrations
 APPROVED

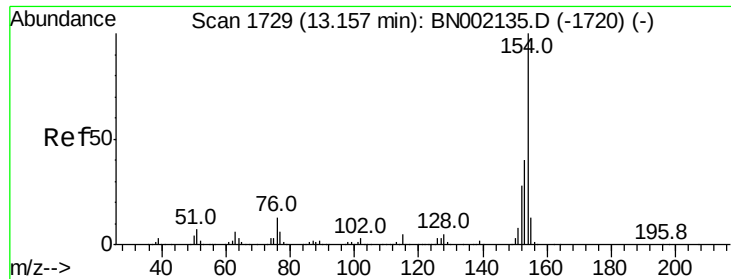
Sohil
 7/27/2018 11:36:03 AM



#44
 2-Fluorobiphenyl
 Concen: 85.180 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	172	Resp	3709870
Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.1	19.5	29.3





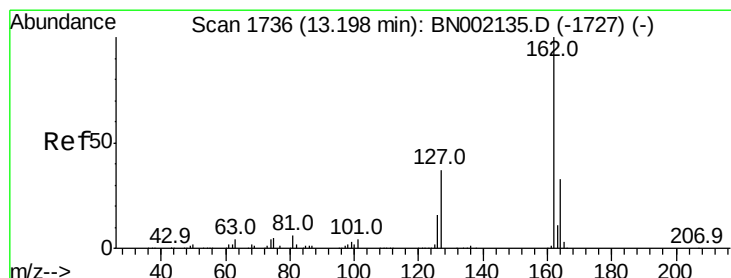
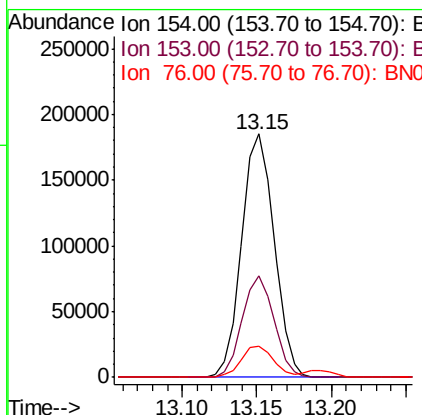
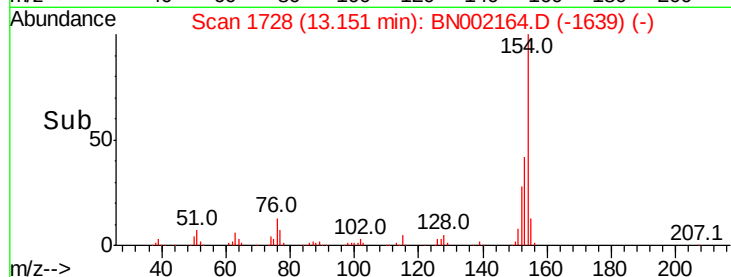
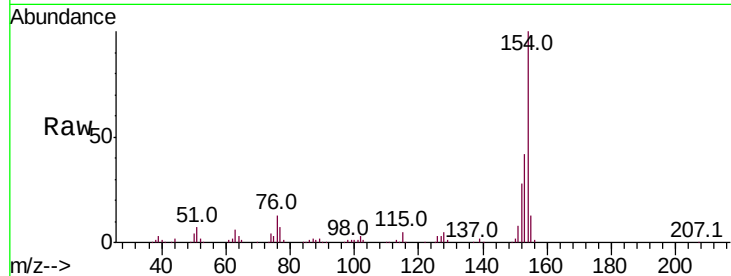
#45
 1,1'-Biphenyl
 Concen: 5.621 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	12.8	0.0	31.9

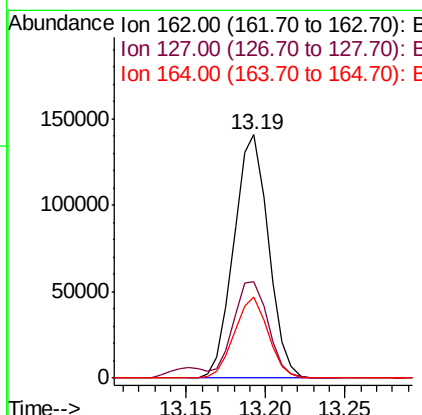
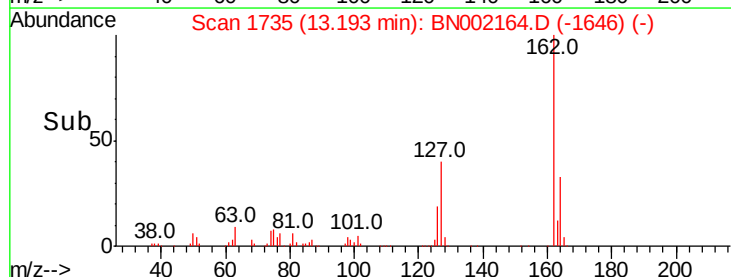
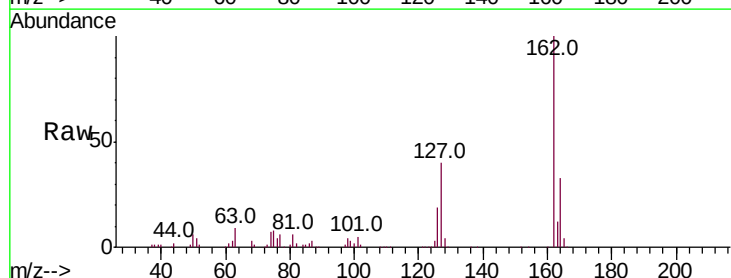
Manual Integrations
 APPROVED

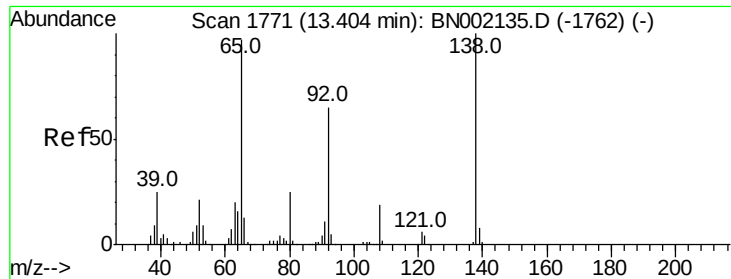
Sohil
 7/27/2018 11:36:03 AM



#46
 2-Chloronaphthalene
 Concen: 5.544 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.7	46.1
164	33.2	26.0	39.0





#47

2-Nitroaniline

Concen: 5.001 ng

RT: 13.40 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

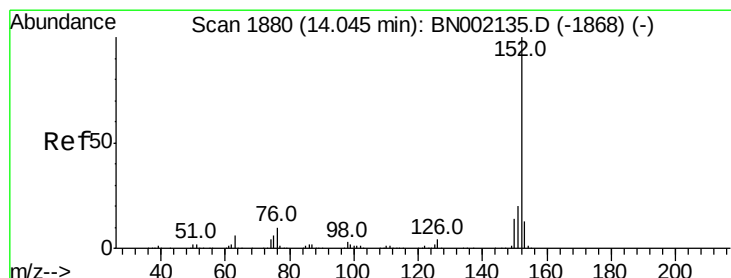
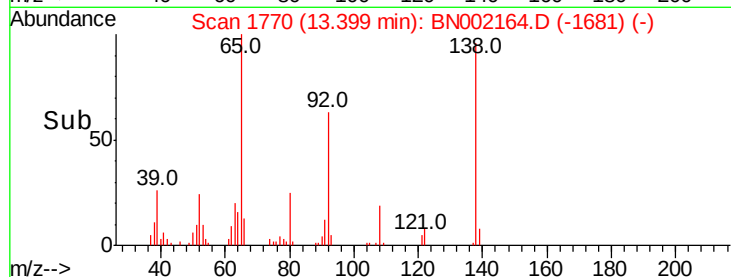
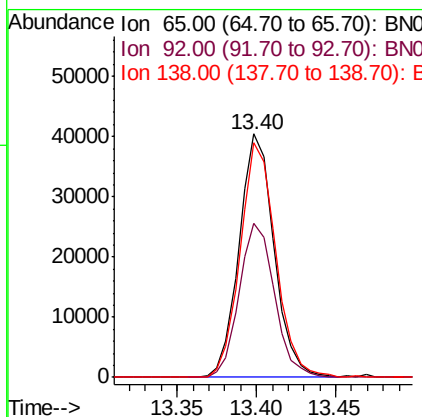
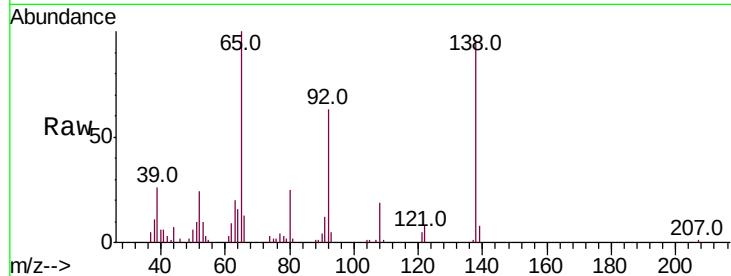
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	65	Resp:	62001
Ion	Ratio	Lower	Upper
65	100		
92	63.1	54.6	82.0
138	96.3	72.9	109.3

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#48

Acenaphthylene

Concen: 5.968 ng

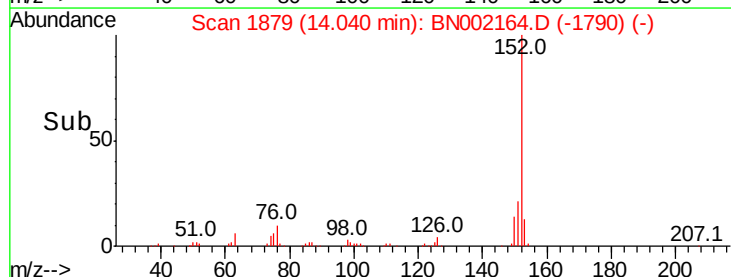
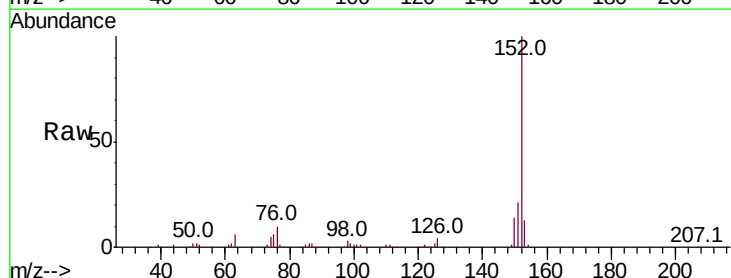
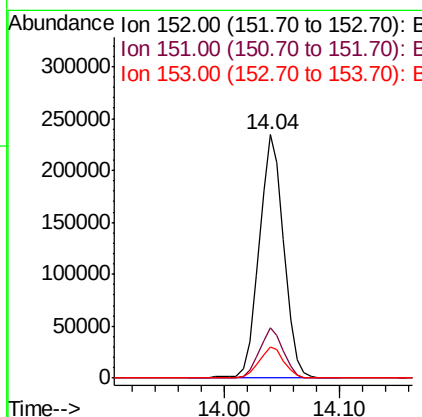
RT: 14.04 min Scan# 1879

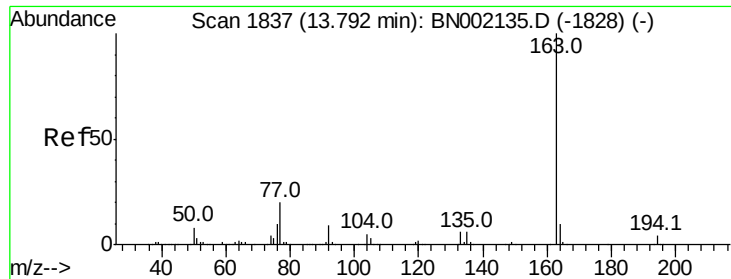
Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion:	152	Resp:	348938
Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.2	25.8
153	13.0	10.2	15.4





#49

Dimethylphthalate

Concen: 5.802 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

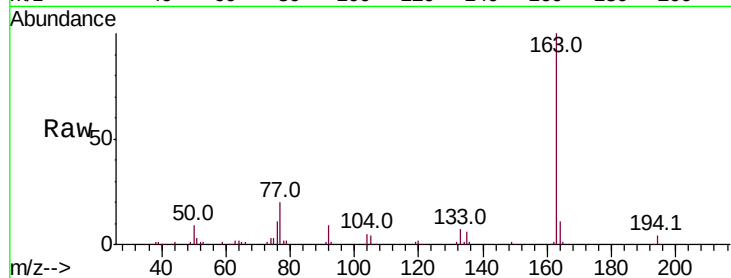
ClientSampleId :

MDL-WATER-03-QT3-2018

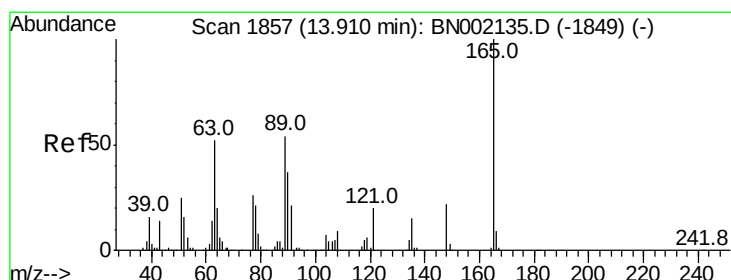
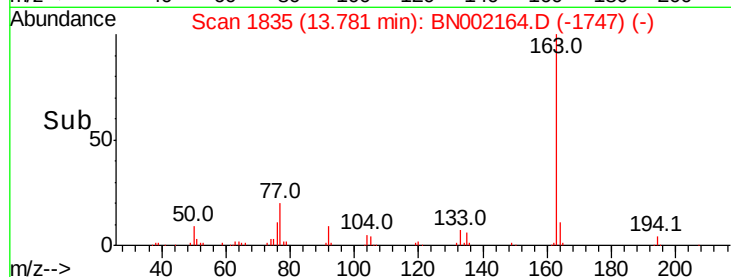
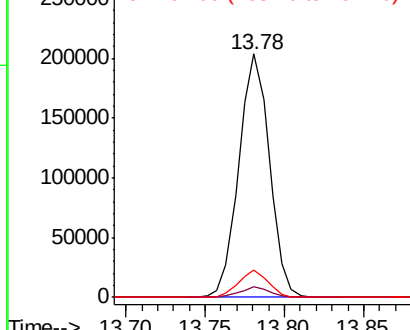
Tot Ion:	163	Resp:	273416
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	11.0	8.2	12.4

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



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



#50

2,6-Dinitrotoluene

Concen: 5.350 ng

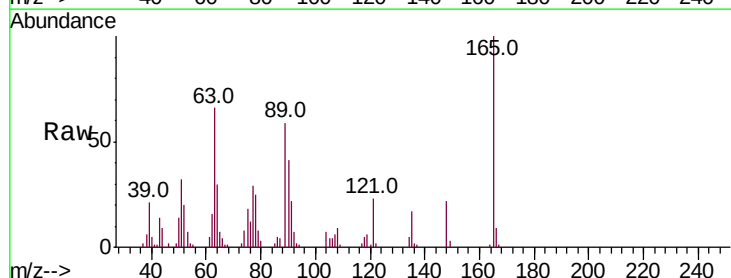
RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

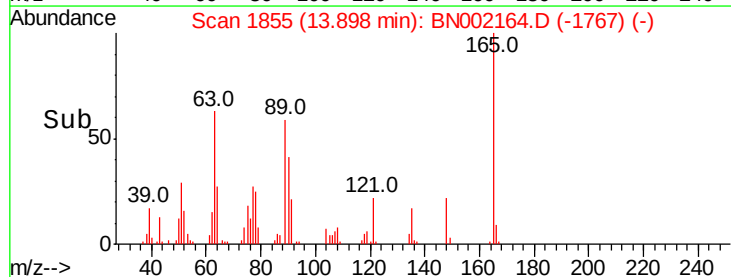
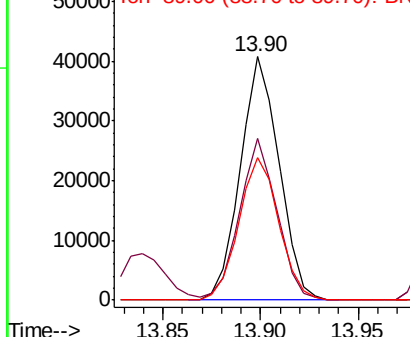
Lab File: BN002164.D

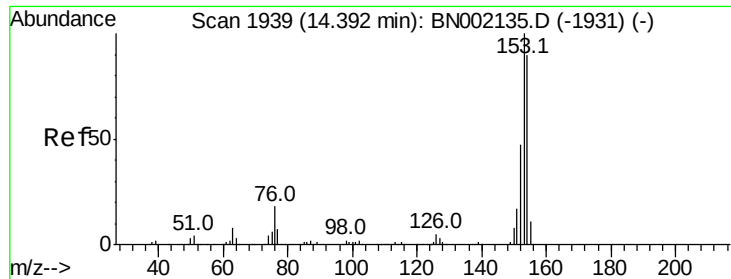
Acq: 26 Jul 2018 07:58

Tgt Ion:	165	Resp:	56011
Ion Ratio	Lower	Upper	
165	100		
63	66.3	52.7	79.1
89	58.7	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: 5.840 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

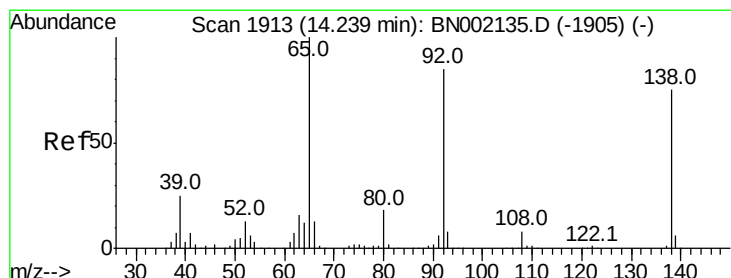
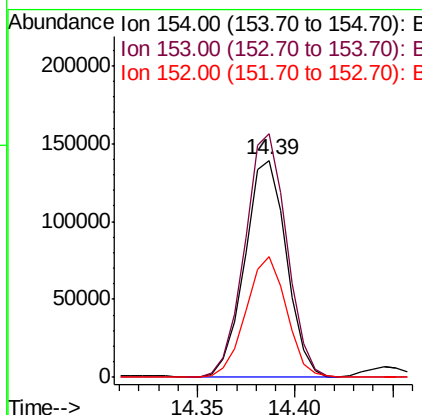
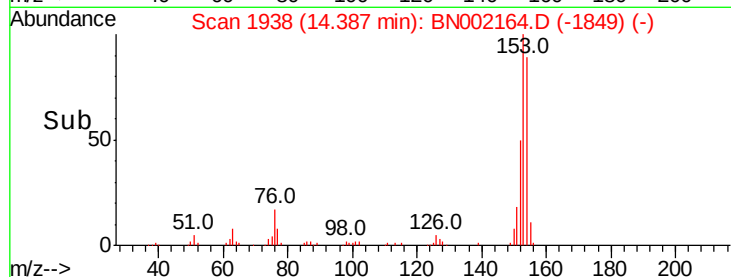
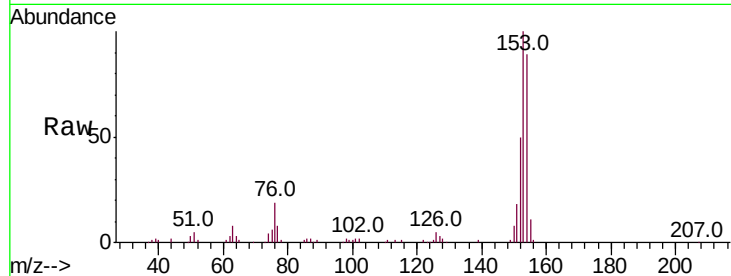
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	154	Resp:	205703
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.4	135.6
152	55.6	41.6	62.4

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#52

3-Nitroaniline

Concen: 4.126 ng

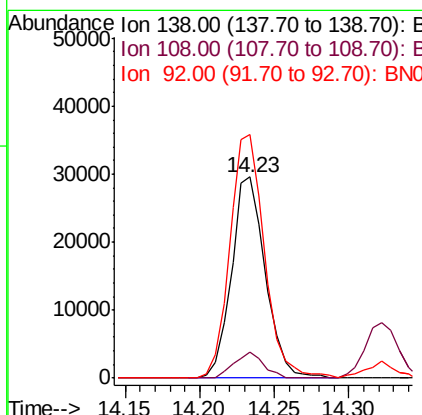
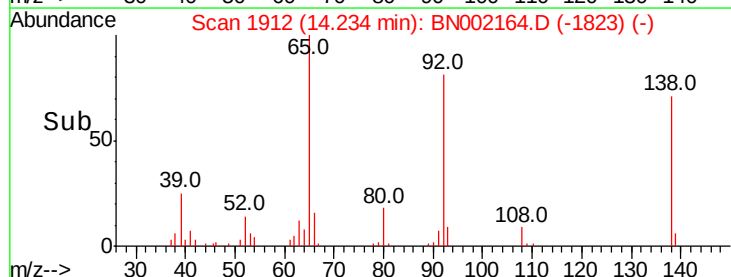
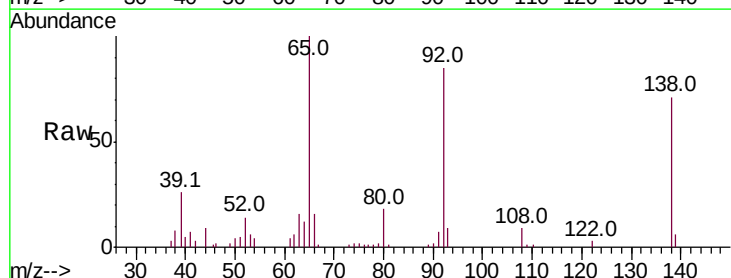
RT: 14.23 min Scan# 1912

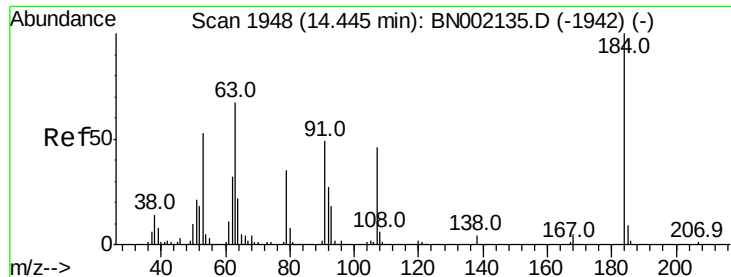
Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion:	138	Resp:	46806
Ion Ratio	Lower	Upper	
138	100		
108	13.0	17.5	26.3#
92	121.2	105.8	158.8





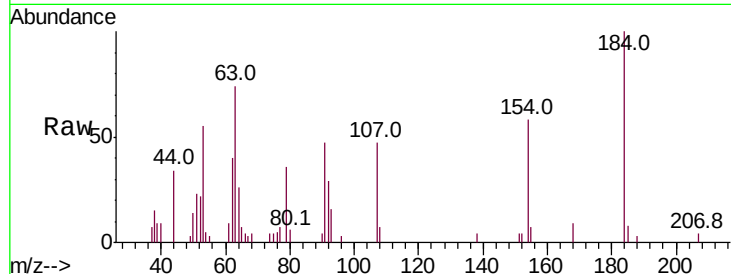
#53
2,4-Dinitrophenol
Concen: 3.455 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

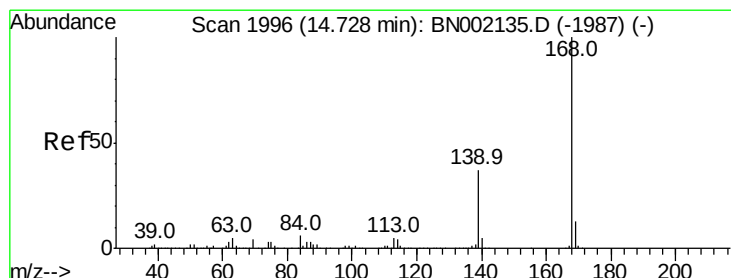
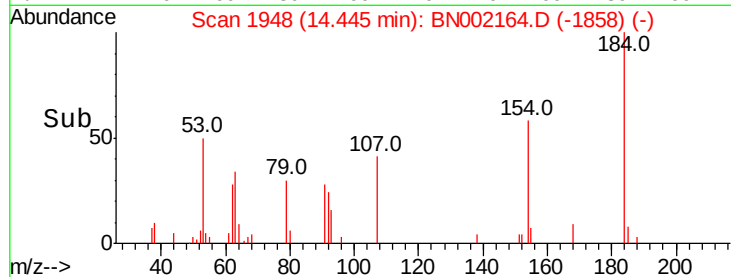
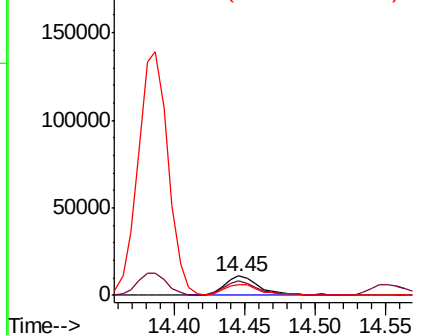
Tot Ion	Ratio	Lower	Upper
184	100		
63	74.1	56.0	84.0
154	58.1	48.0	72.0

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM

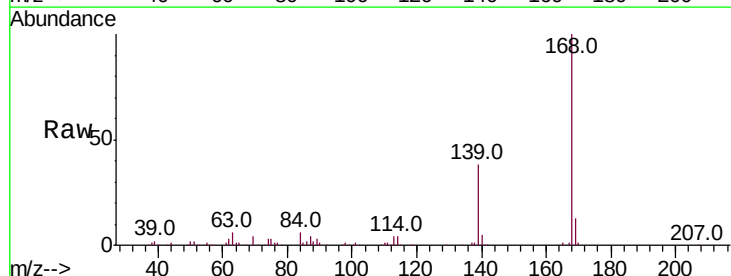


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

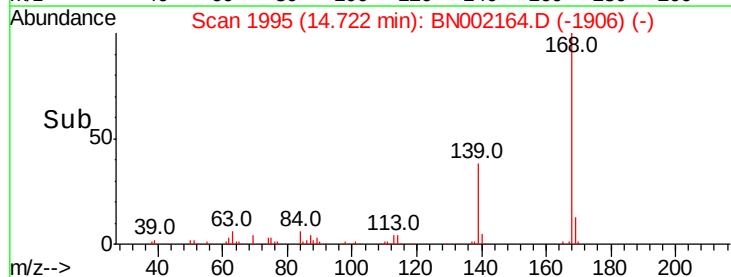
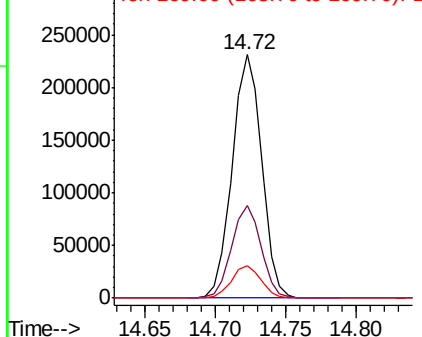


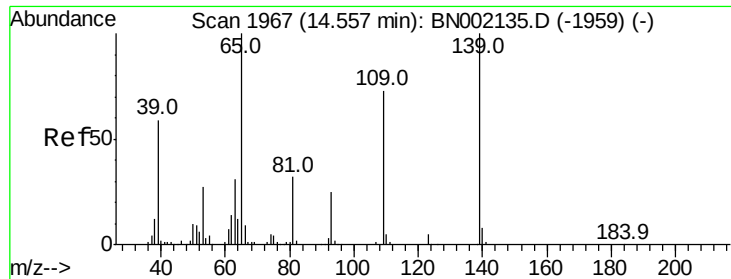
#54
Dibenzofuran
Concen: 5.882 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	28.6	43.0
169	13.2	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





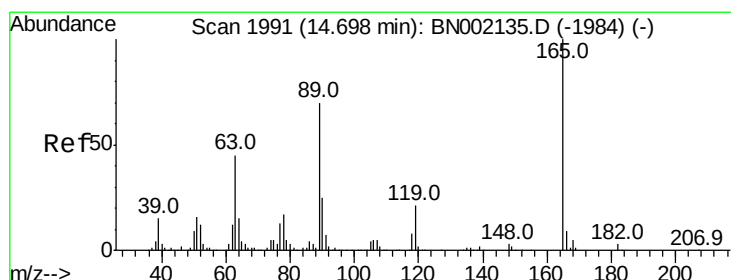
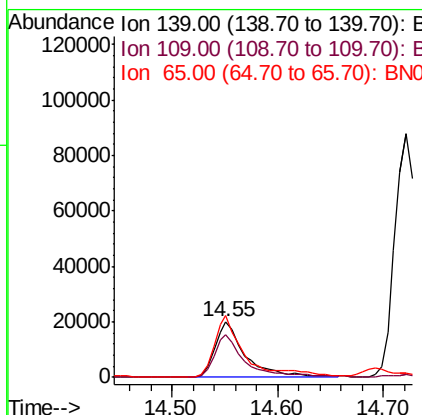
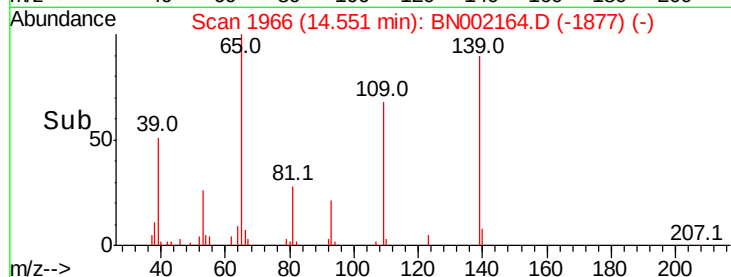
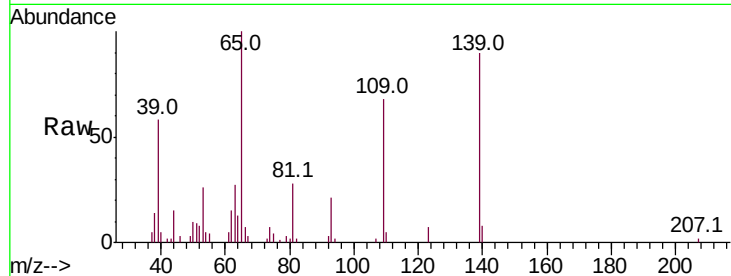
#55
4-Nitrophenol
Concen: 4.638 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.5	62.2	102.2
65	111.7	97.2	137.2

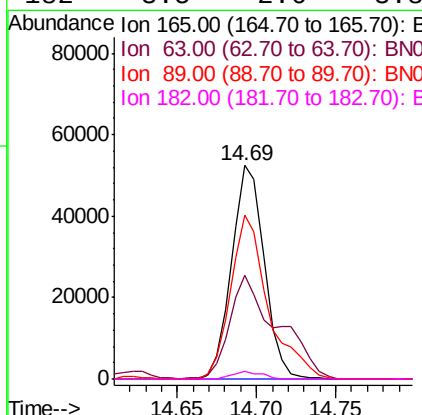
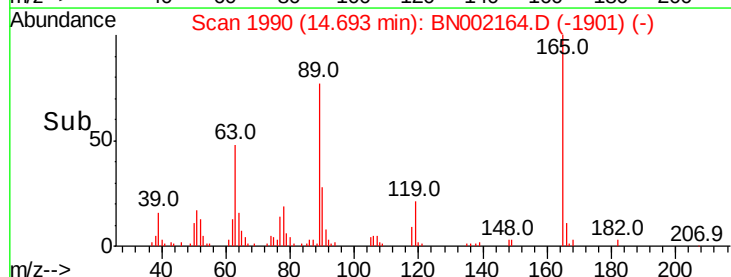
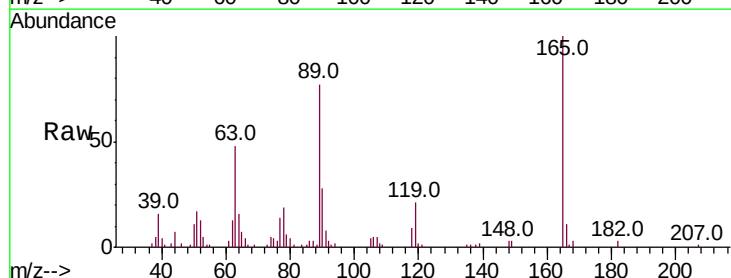
Manual Integrations
APPROVED

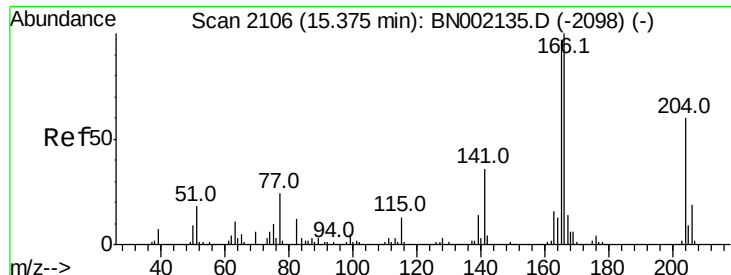
Sohil
7/27/2018 11:36:03 AM



#56
2,4-Dinitrotoluene
Concen: 5.268 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.3	42.0	63.0
89	76.7	66.9	100.3
182	3.5	2.6	3.8





#57

Fluorene

Concen: 6.165 ng

RT: 15.37 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

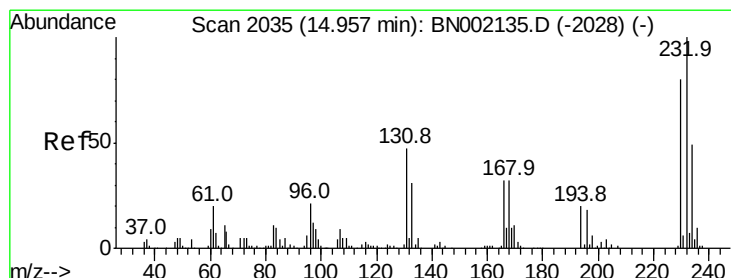
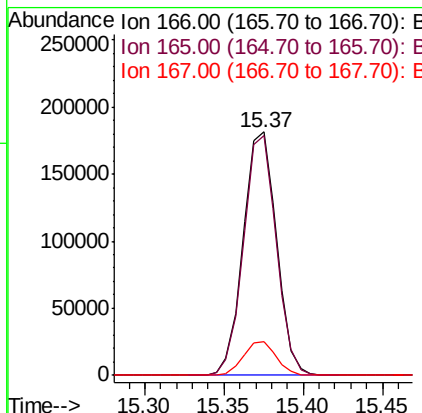
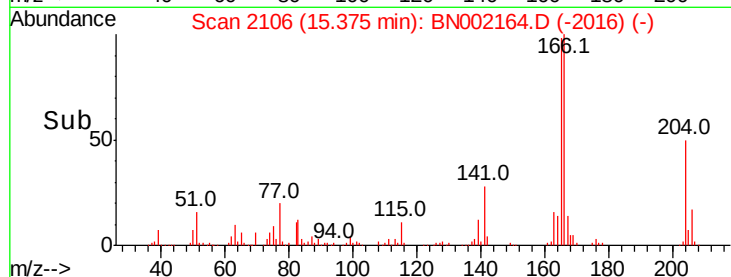
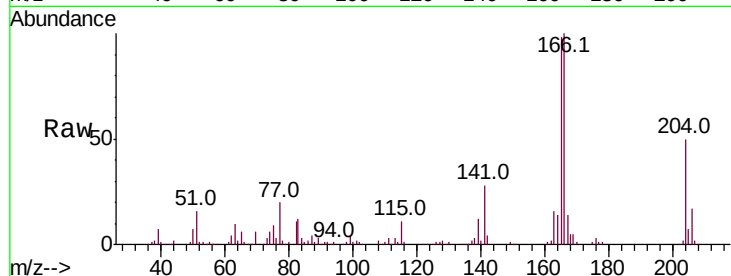
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
166	100	265353		
165	98.3	80.6	121.0	
167	13.9	10.4	15.6	

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 5.116 ng m

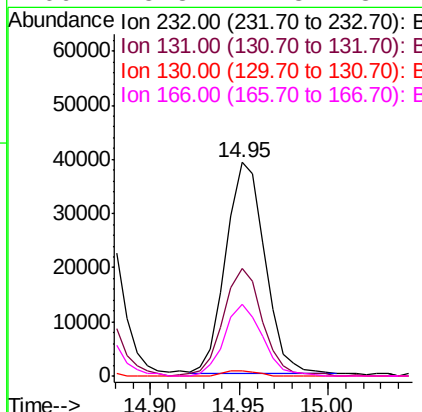
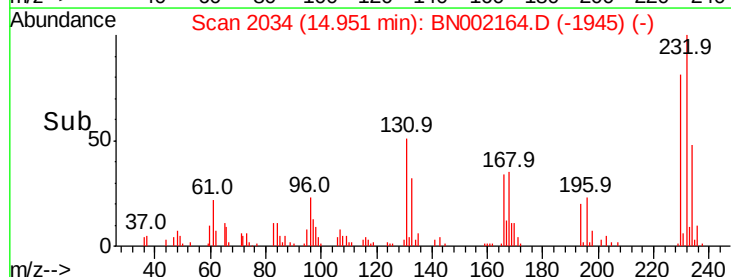
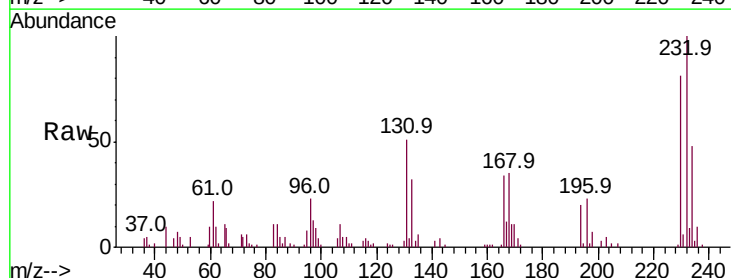
RT: 14.95 min Scan# 2034

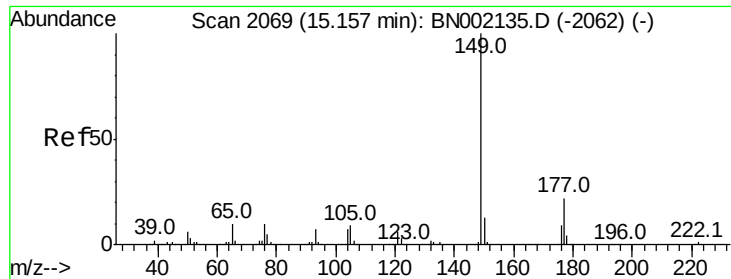
Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	59644		
131	40.7	33.5	50.3	
130	2.3	2.2	3.2	
166	25.8	24.8	37.2	





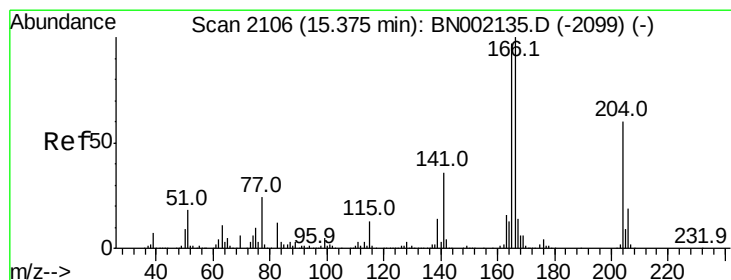
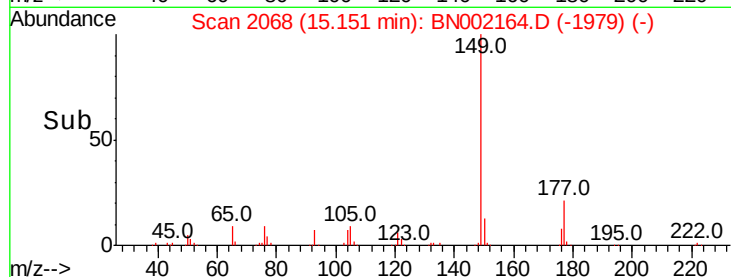
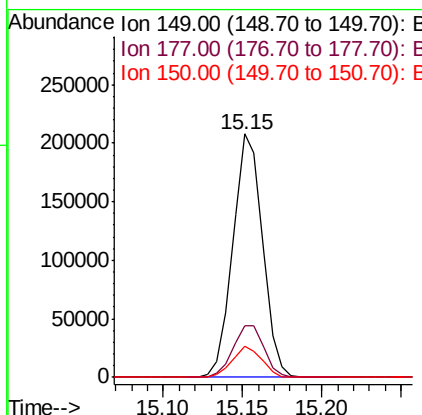
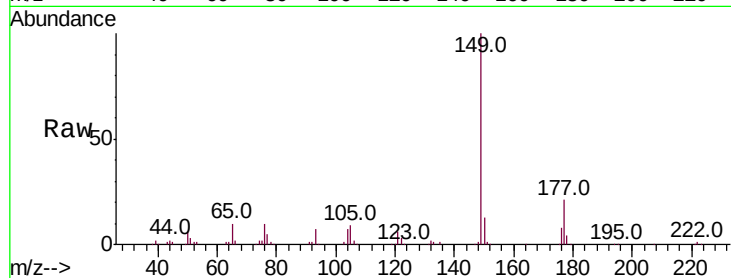
#59
Diethylphthalate
Concen: 5.606 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.5	27.7
150	12.5	10.2	15.2

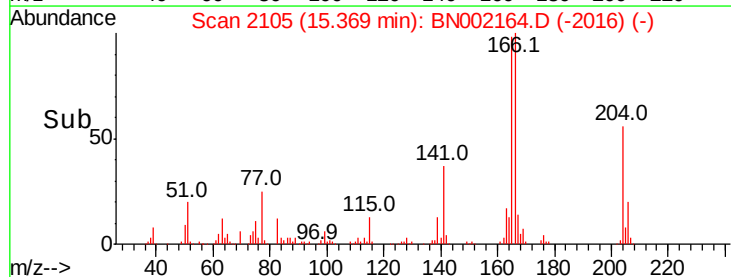
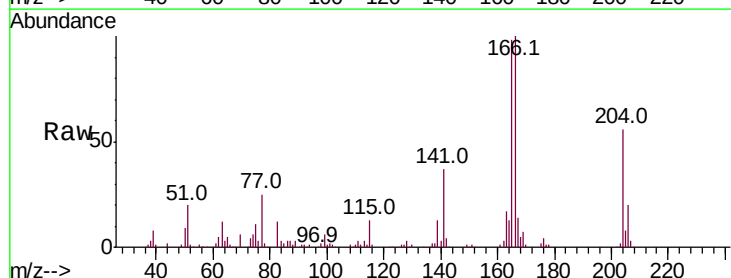
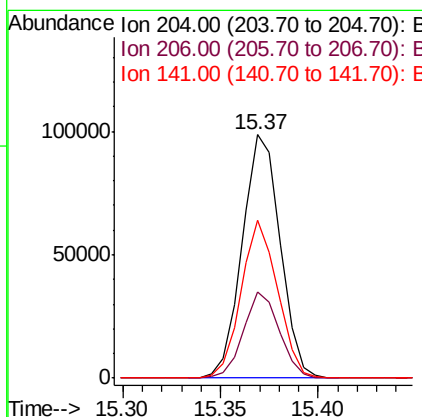
Manual Integrations
APPROVED

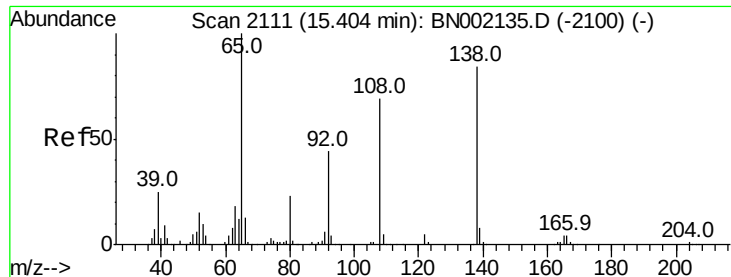
Sohil
7/27/2018 11:36:03 AM



#60
4-Chlorophenyl-phenylether
Concen: 5.592 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.4	26.2	39.2
141	65.1	45.8	68.6





#61

4-Nitroaniline

Concen: 4.921 ng

RT: 15.39 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

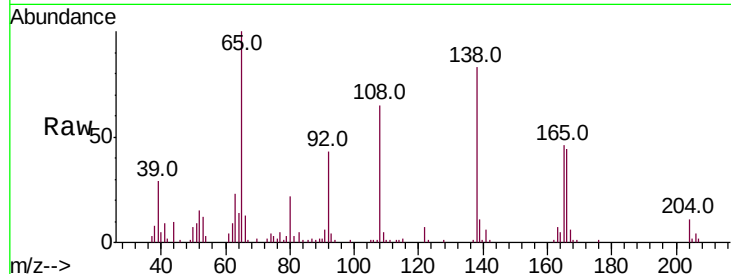
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	138	Resp:	56904
Ion	Ratio	Lower	Upper
138	100		
92	51.3	40.1	80.1
108	77.4	65.4	105.4

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM

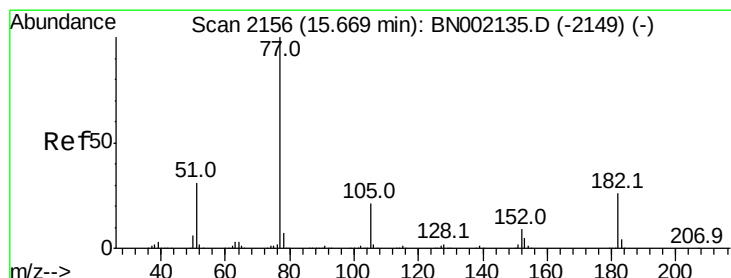
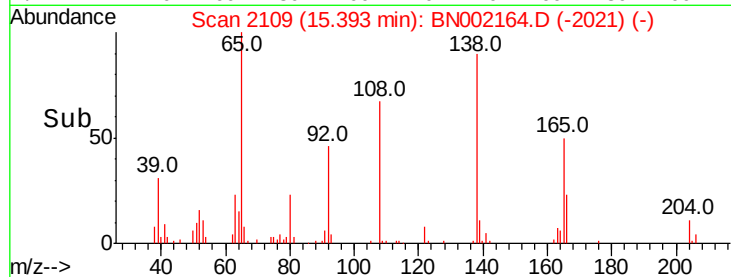
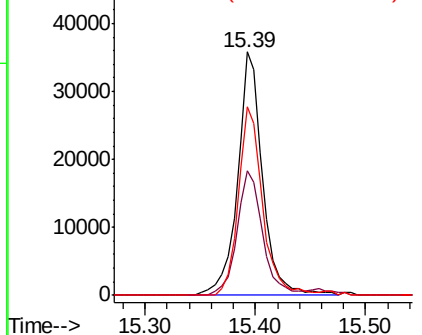


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): B

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 5.781 ng

RT: 15.66 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion:	77	Resp:	266036
Ion	Ratio	Lower	Upper
77	100		
182	23.4	7.4	47.4
105	20.3	0.3	40.3
51	30.8	11.6	51.6

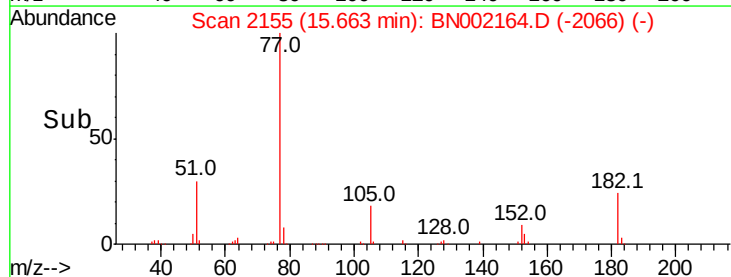
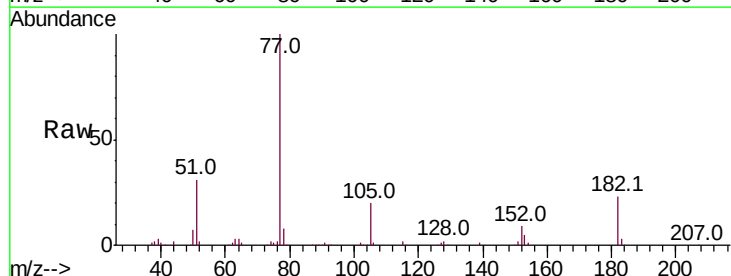
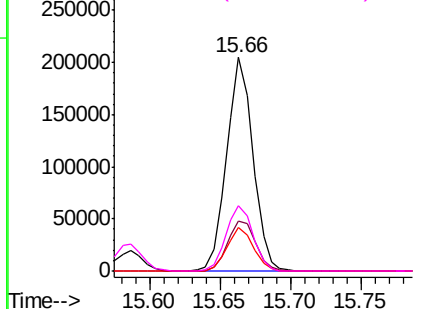
Abundance

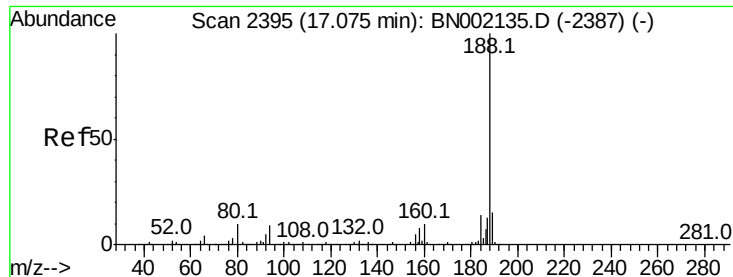
Ion 77.00 (76.70 to 77.70): B

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): B





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

ClientSampleId :

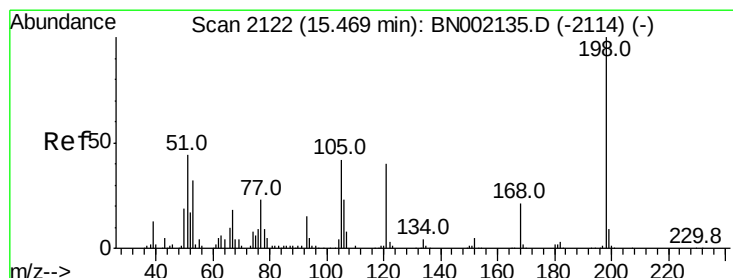
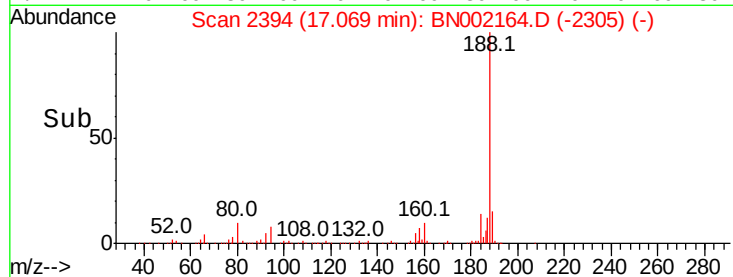
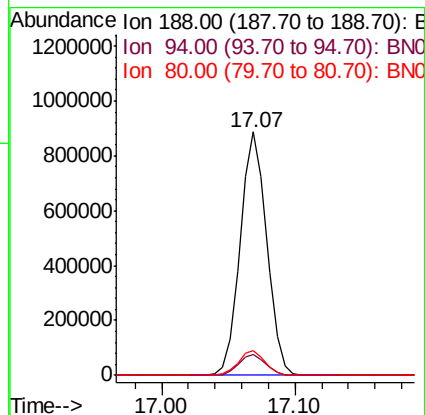
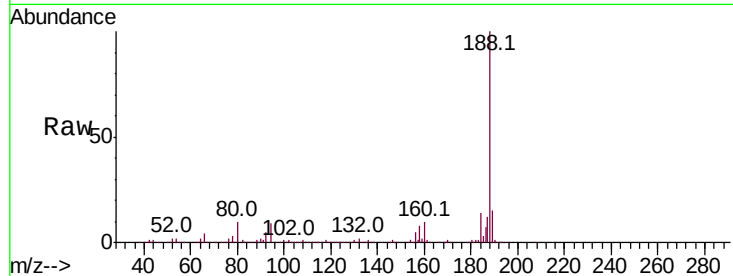
MDL-WATER-03-QT3-2018

Tot Ion:188 Resp: 1219173

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	10.3	7.7	11.5

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 3.950 ng

RT: 15.46 min Scan# 2121

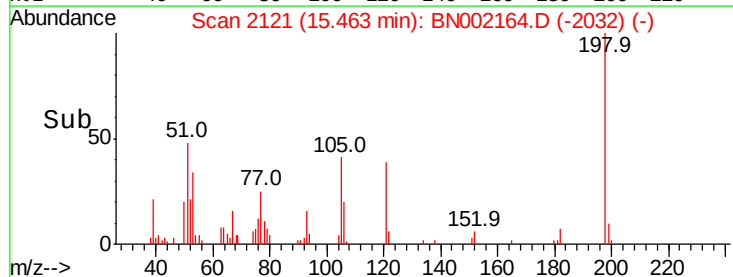
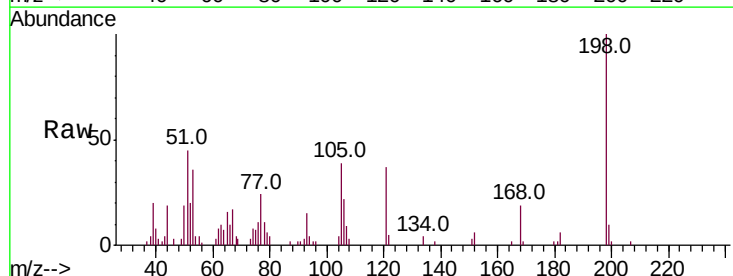
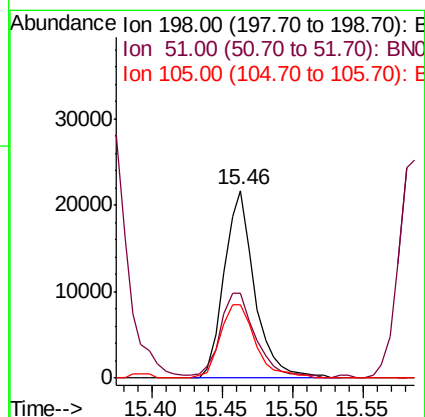
Delta R.T. -0.01 min

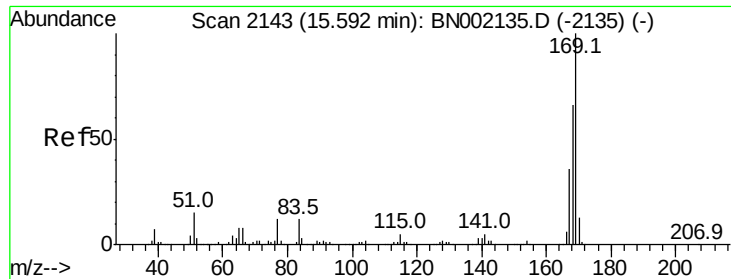
Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion:198 Resp: 32514

Ion	Ratio	Lower	Upper
198	100		
51	45.3	30.6	70.6
105	38.9	23.8	63.8





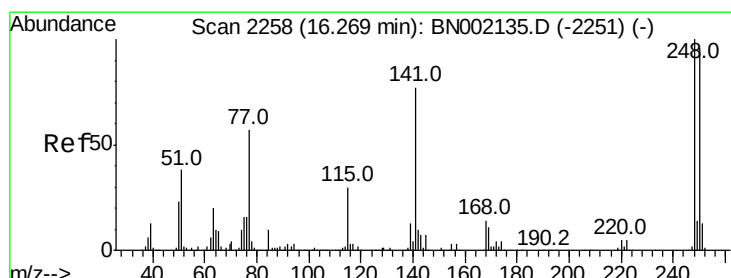
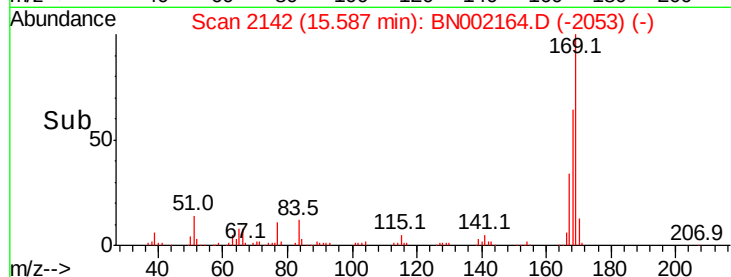
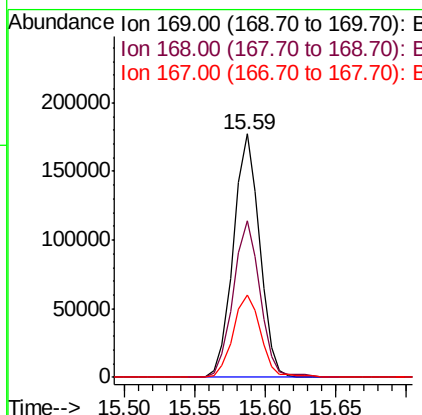
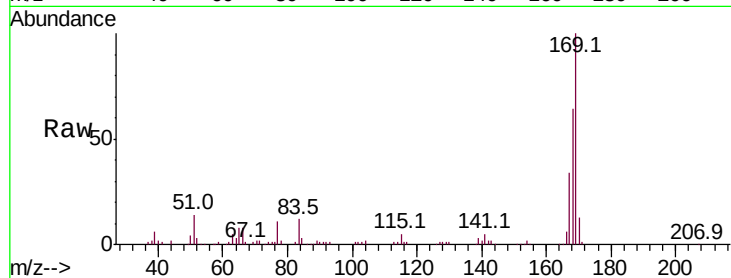
#65
 n-Nitrosodiphenylamine
 Concen: 5.677 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.4	55.7	83.5	
167	34.1	30.1	45.1	

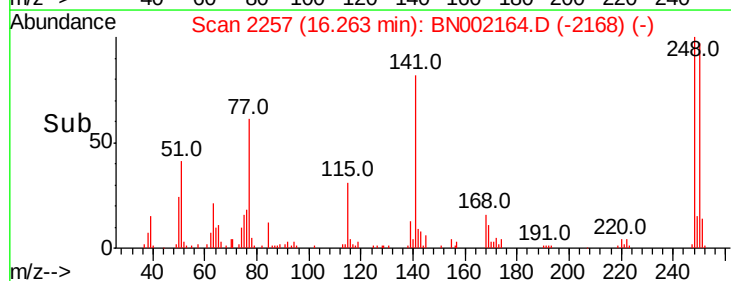
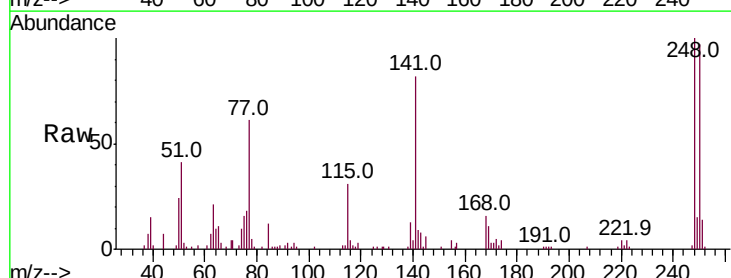
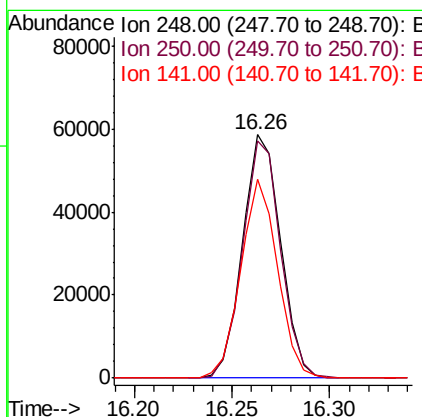
Manual Integrations
 APPROVED

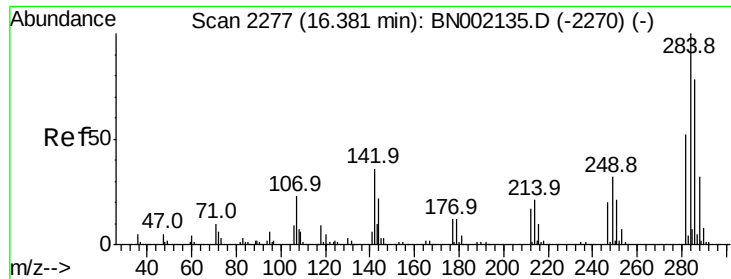
Sohil
 7/27/2018 11:36:03 AM



#66
 4-Bromophenyl-phenylether
 Concen: 5.552 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.5	77.1	115.7	
141	81.6	50.8	76.2	





#67

Hexachlorobenzene

Concen: 5.569 ng

RT: 16.38 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

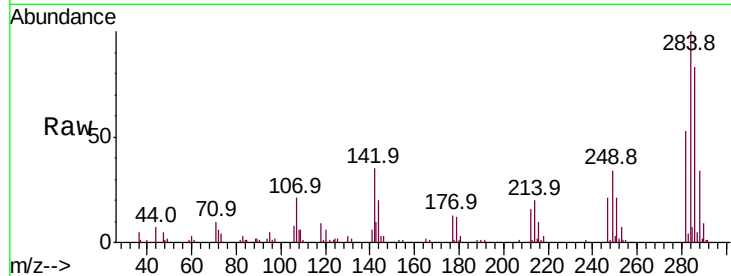
ClientSampleId :

MDL-WATER-03-QT3-2018

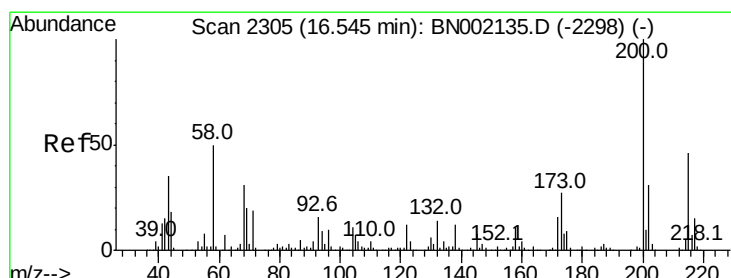
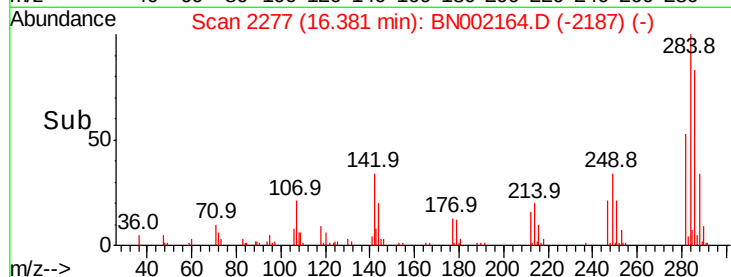
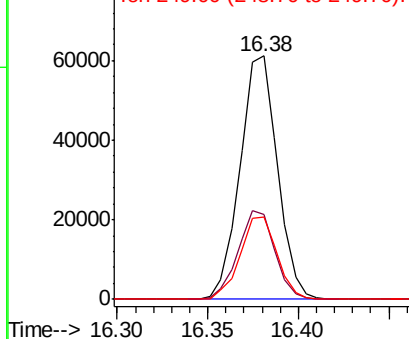
Tot Ion:	284	Resp:	87917
Ion Ratio	Lower	Upper	
284	100		
142	35.0	26.8	40.2
249	33.9	26.3	39.5

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



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



#68

Atrazine

Concen: 5.238 ng

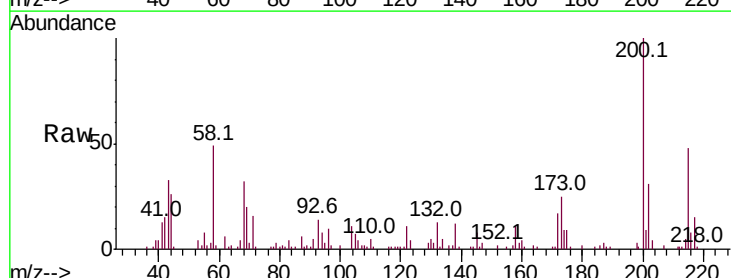
RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

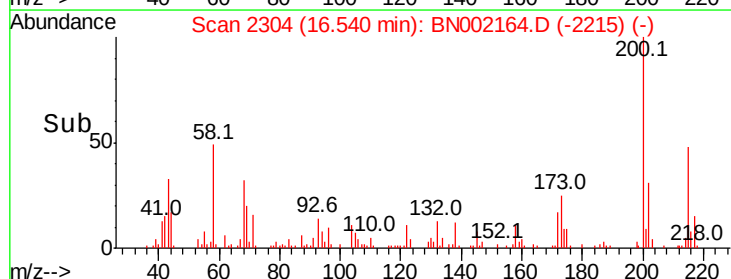
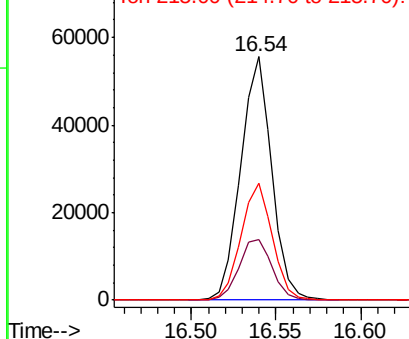
Lab File: BN002164.D

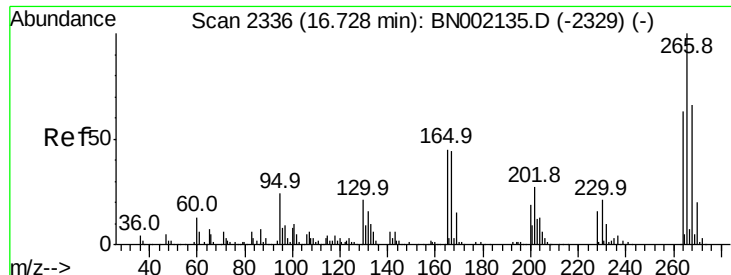
Acq: 26 Jul 2018 07:58

Tgt Ion:	200	Resp:	71345
Ion Ratio	Lower	Upper	
200	100		
173	25.1	5.2	45.2
215	47.8	30.4	70.4



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





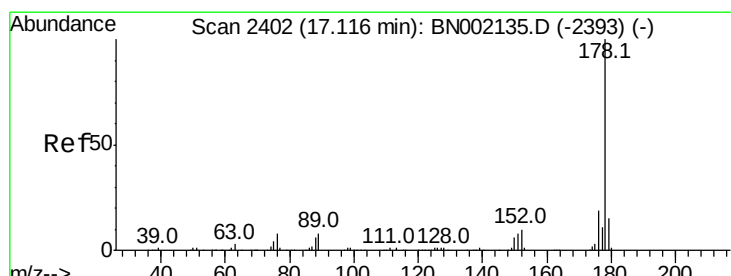
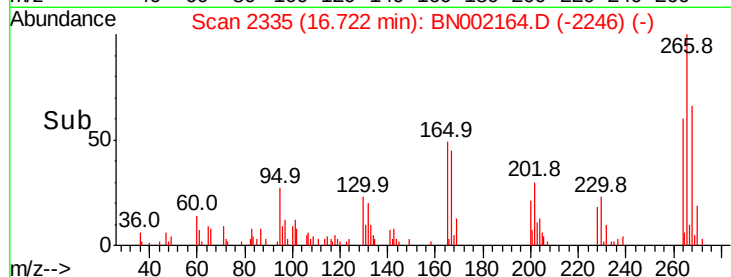
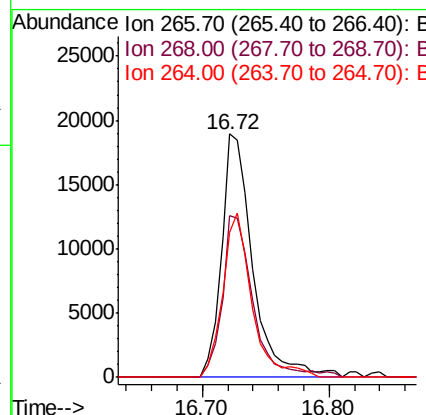
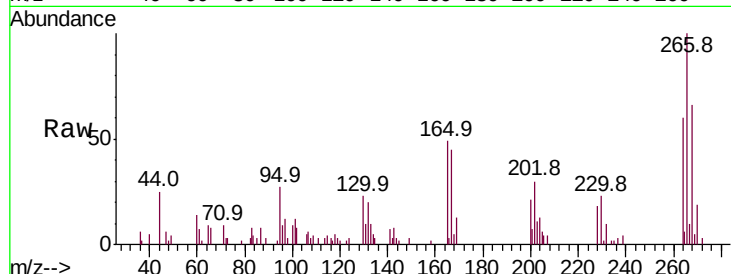
#69
 Pentachlorophenol
 Concen: 3.205 ng
 RT: 16.72 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.1	76.7
264	65.4	49.6	74.4

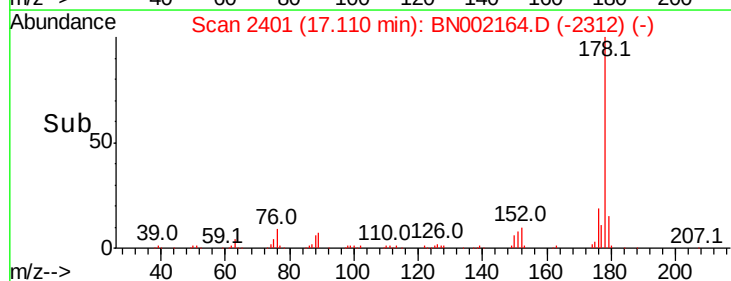
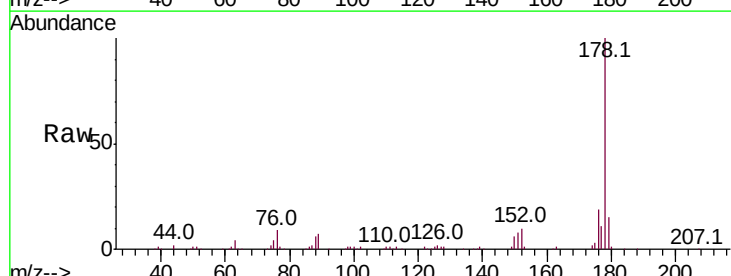
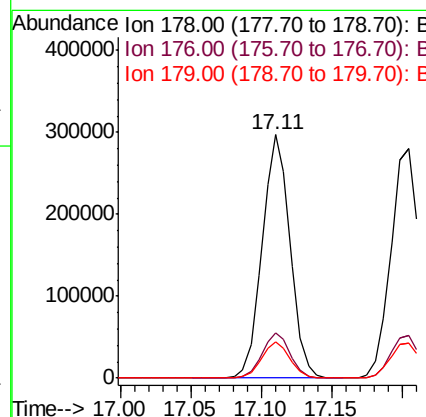
Manual Integrations
 APPROVED

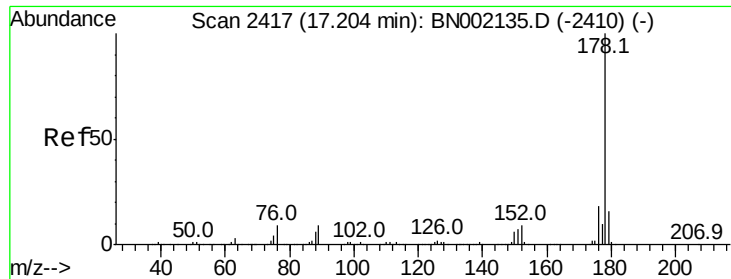
Sohil
 7/27/2018 11:36:03 AM



#70
 Phenanthrene
 Concen: 6.206 ng
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.0	12.5	18.7





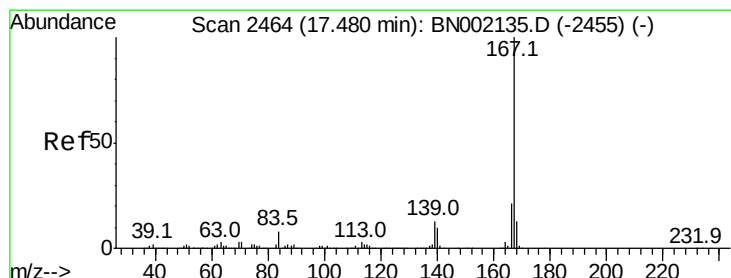
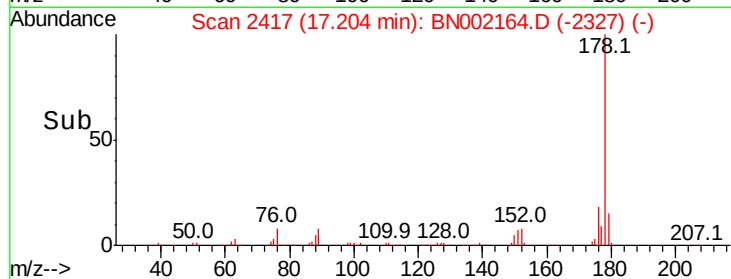
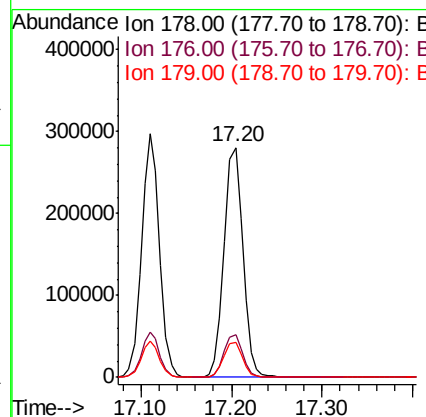
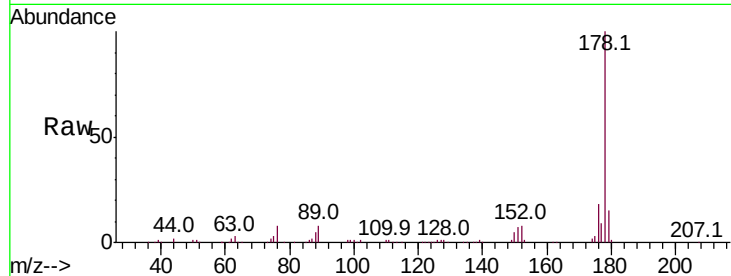
#71
 Anthracene
 Concen: 6.200 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	15.1	12.5	18.7

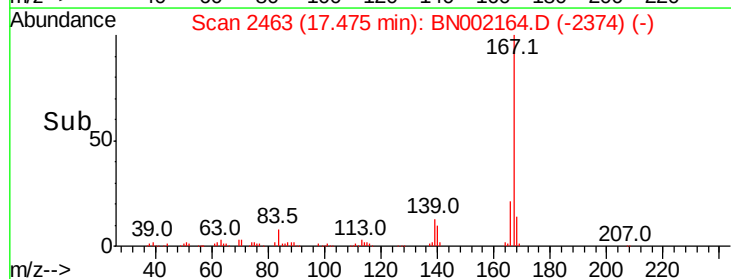
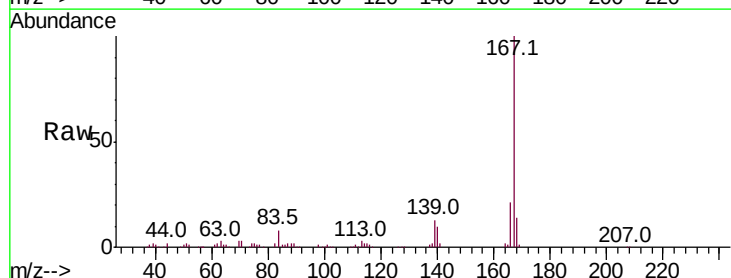
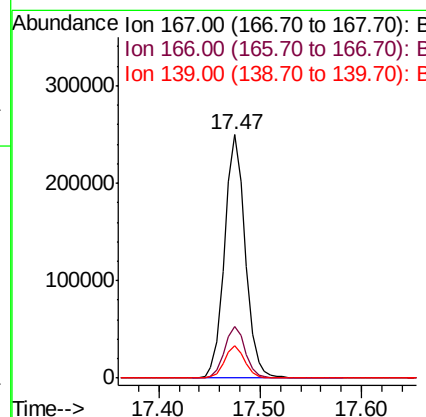
Manual Integrations
 APPROVED

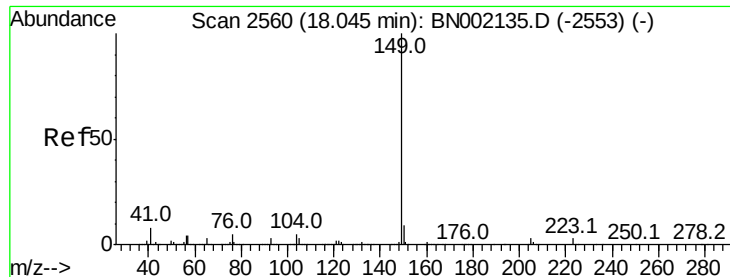
Sohil
 7/27/2018 11:36:03 AM



#72
 Carbazole
 Concen: 5.361 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.2	27.4
139	13.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 5.062 ng

RT: 18.05 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

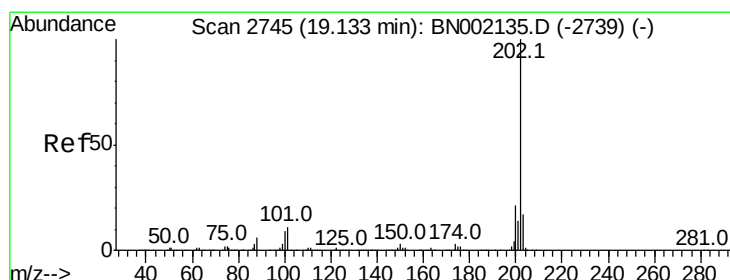
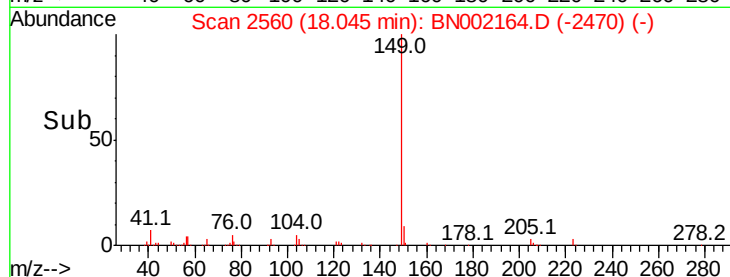
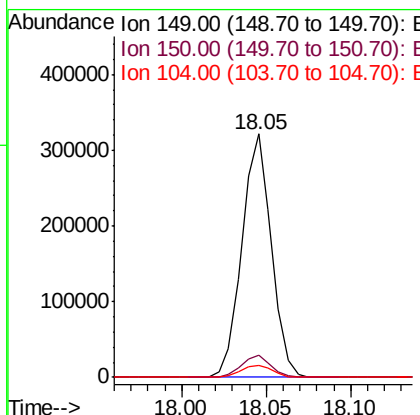
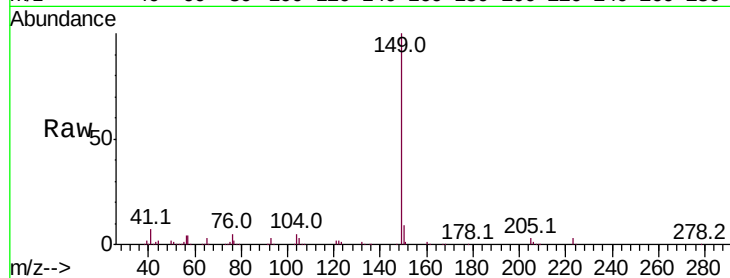
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	149	Resp:	390230
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	5.1	3.9	5.9

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#74

Fluoranthene

Concen: 5.836 ng

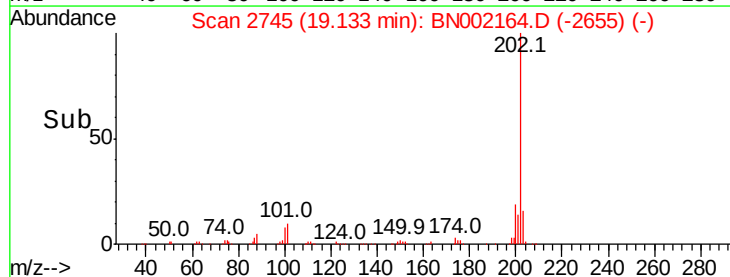
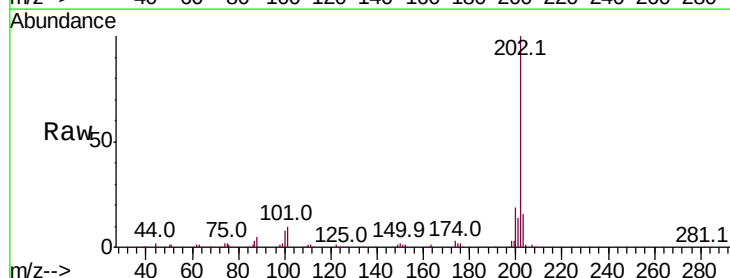
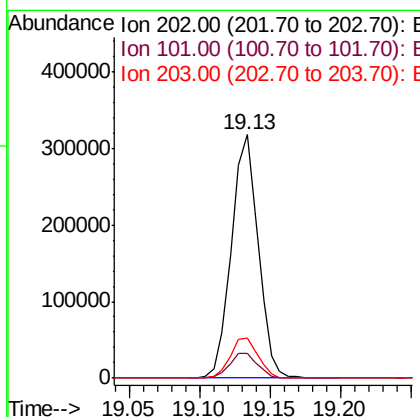
RT: 19.13 min Scan# 2745

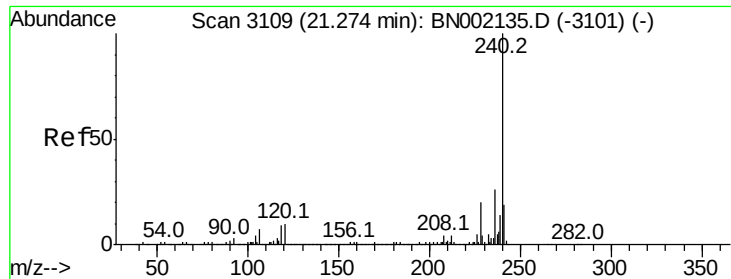
Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion:	202	Resp:	421633
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	28.9
203	16.4	0.0	37.5





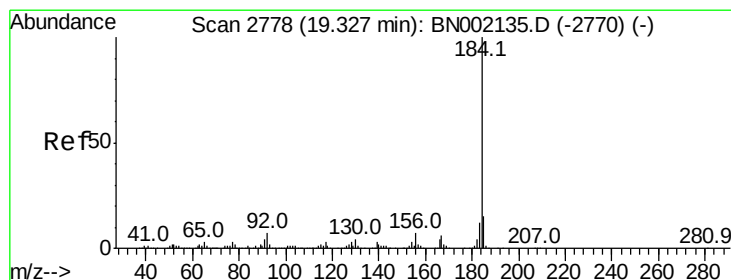
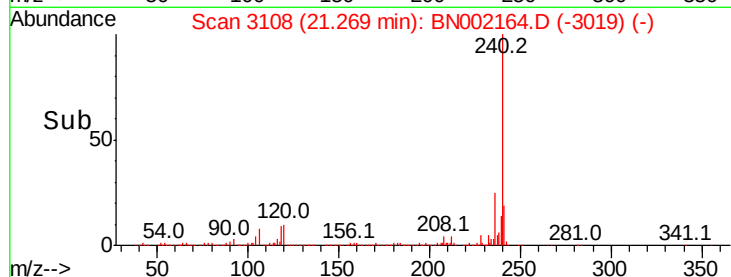
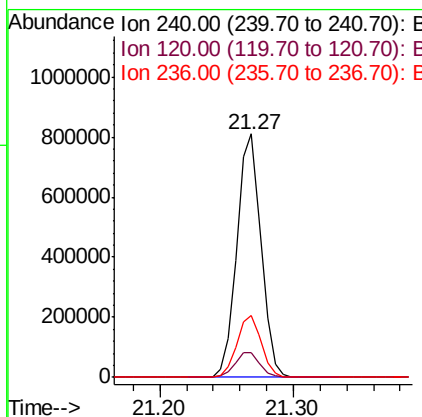
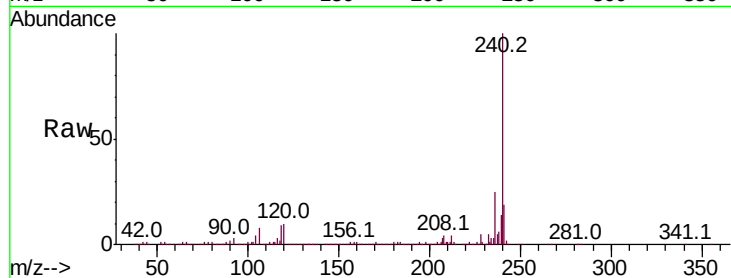
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:240 Resp: 1018543
Ion Ratio Lower Upper
240 100
120 10.2 6.8 10.2
236 25.4 20.9 31.3

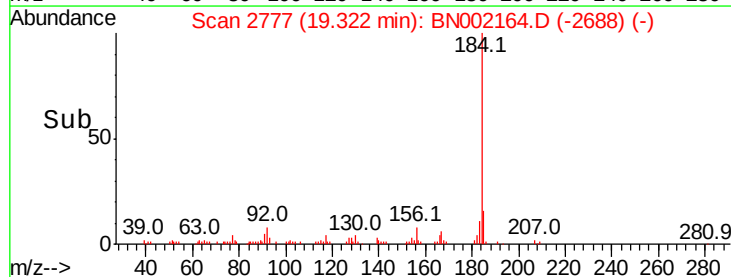
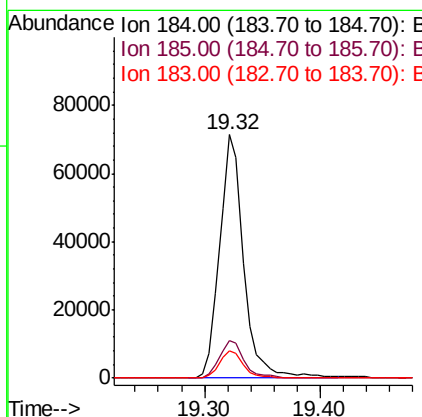
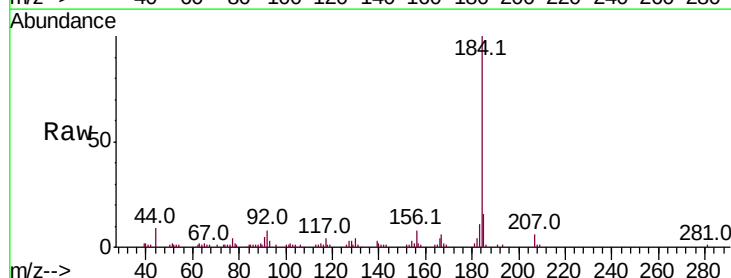
Manual Integrations
APPROVED

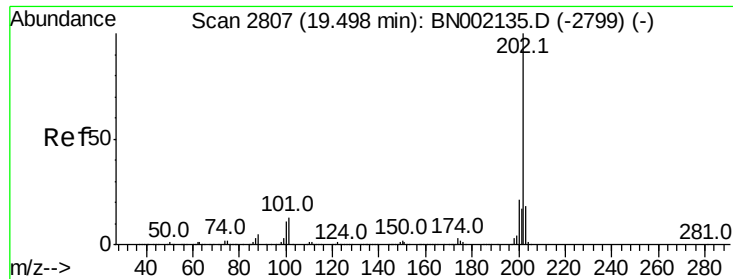
Sohil
7/27/2018 11:36:03 AM



#76
Benzidine
Concen: 3.094 ng
RT: 19.32 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion:184 Resp: 102774
Ion Ratio Lower Upper
184 100
185 15.7 11.1 16.7
183 11.4 10.6 16.0





#77

Pvrene

Concen: 6.125 ng

RT: 19.50 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

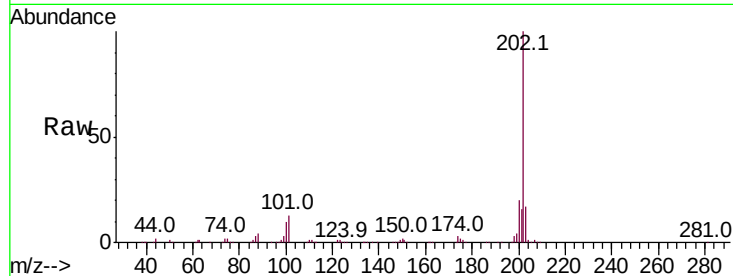
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	202	Resp:	430233
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.9	25.3
203	17.2	13.9	20.9

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM

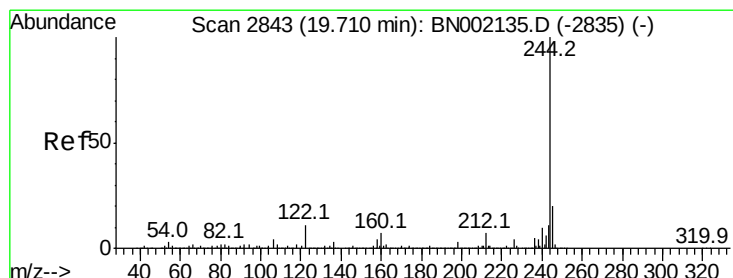
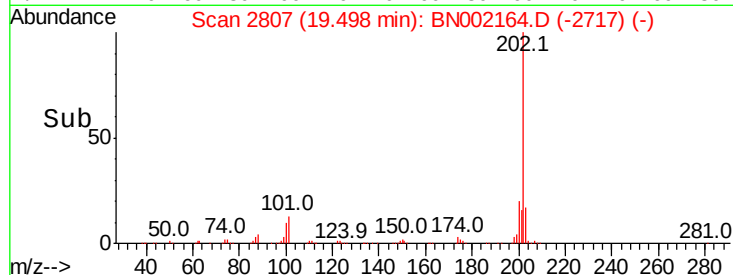
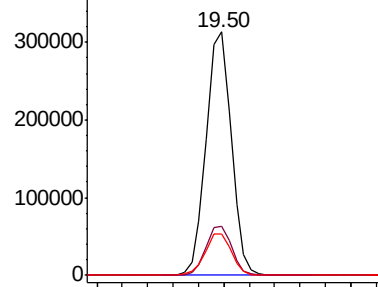


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 112.194 ng

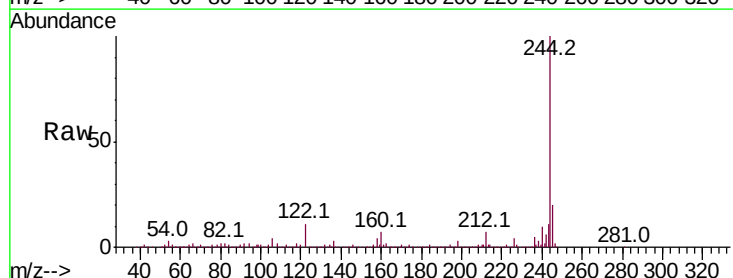
RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion:	244	Resp:	5479105
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.8
122	11.2	7.0	10.4#

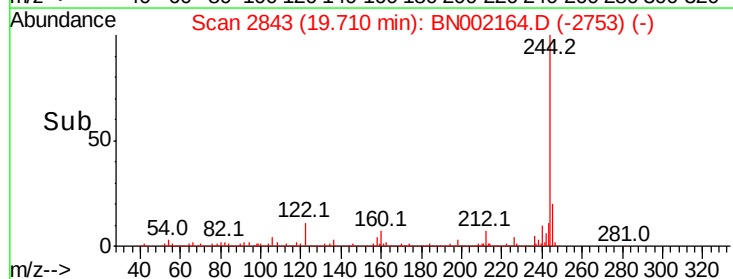
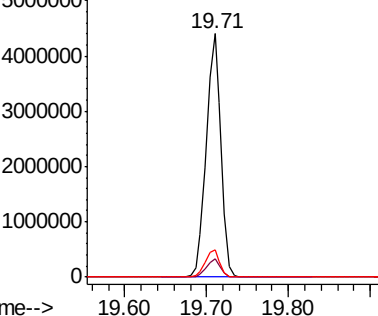


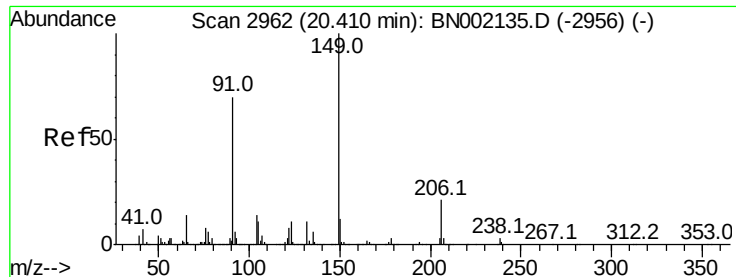
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





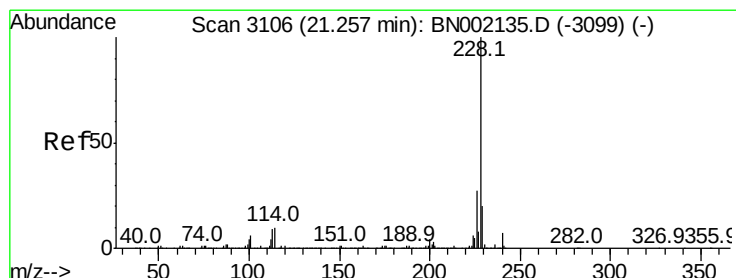
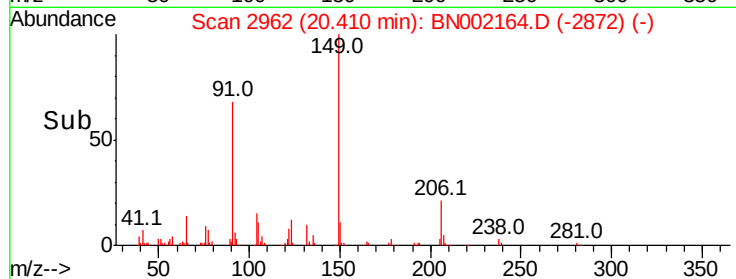
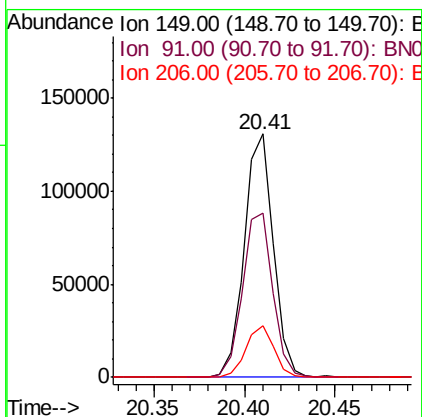
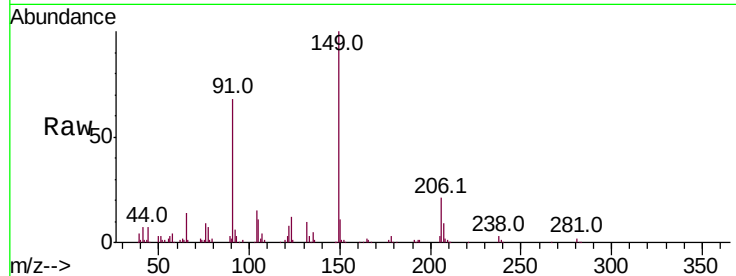
#79
Butylbenzylphthalate
Concen: 4.766 ng
RT: 20.41 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.5	62.2	93.2
206	21.2	18.6	27.8

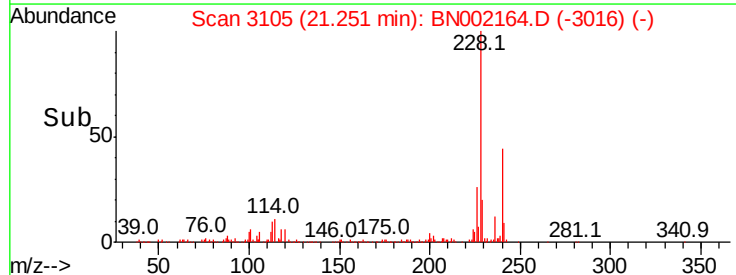
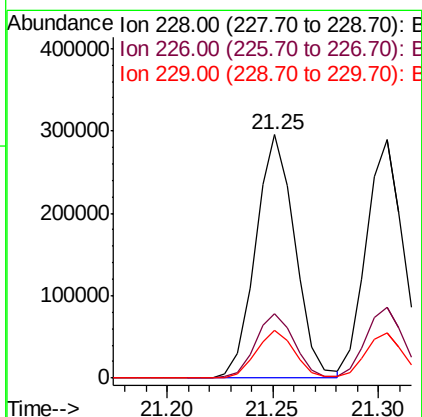
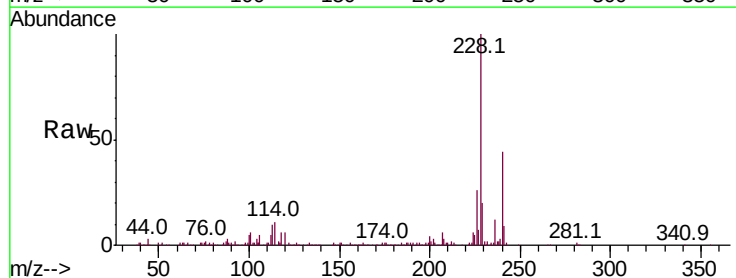
Manual Integrations
APPROVED

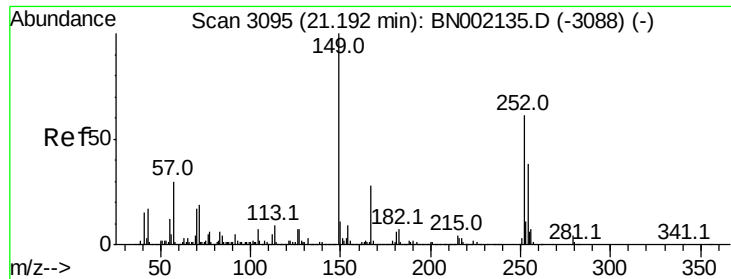
Sohil
7/27/2018 11:36:03 AM



#80
Benzo(a)anthracene
Concen: 6.165 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.7	34.1
229	19.9	16.2	24.2





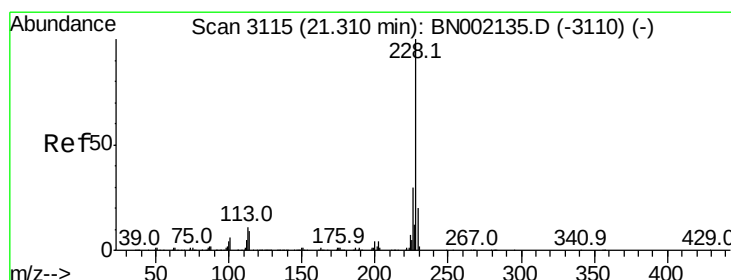
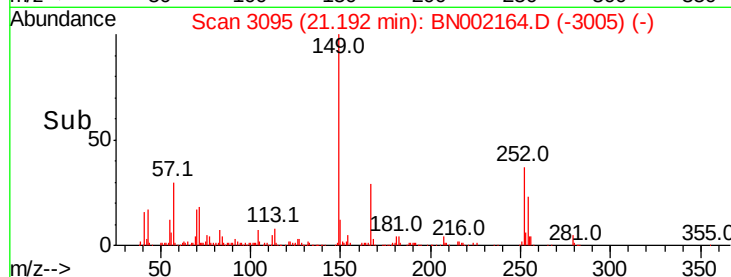
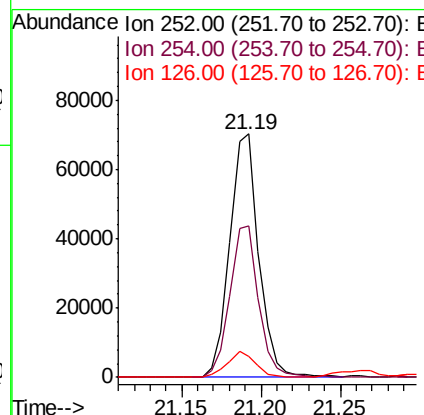
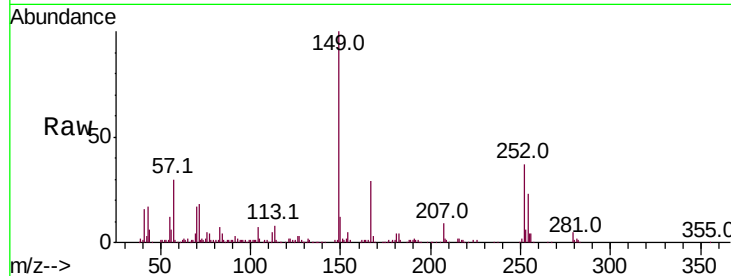
#81
 3,3'-Dichlorobenzidine
 Concen: 3.697 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.8	76.2
126	8.6	7.4	11.2

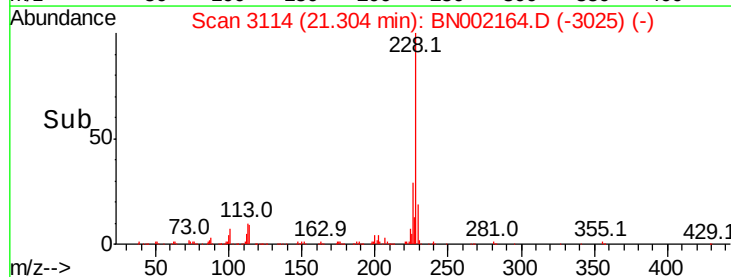
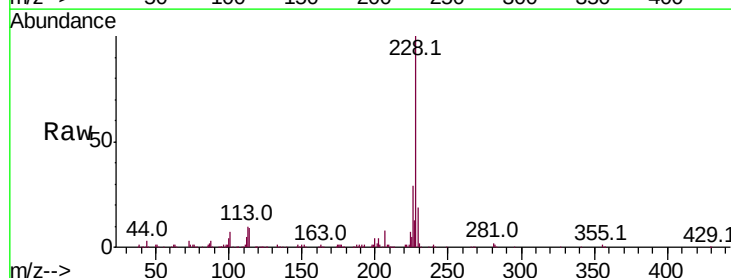
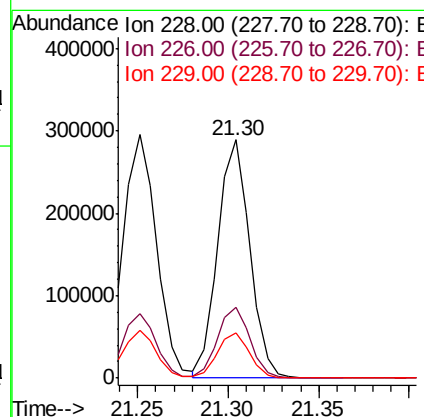
Manual Integrations
 APPROVED

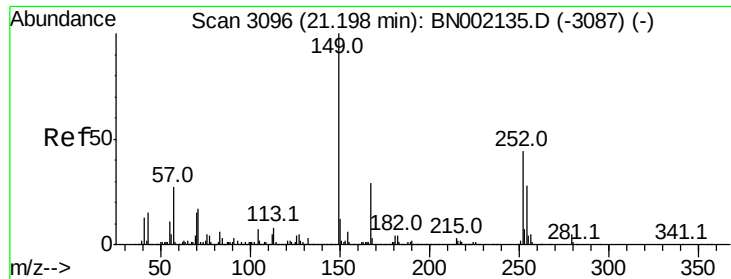
Sohil
 7/27/2018 11:36:03 AM



#82
 Chrysene
 Concen: 6.012 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.2	15.0	22.4





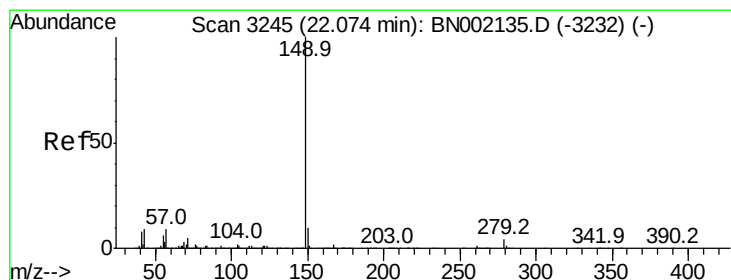
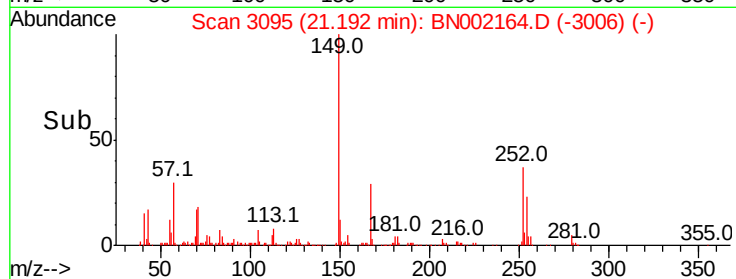
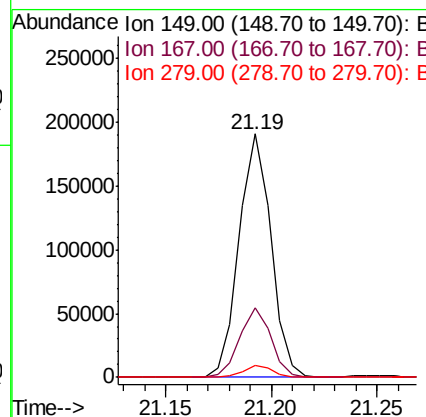
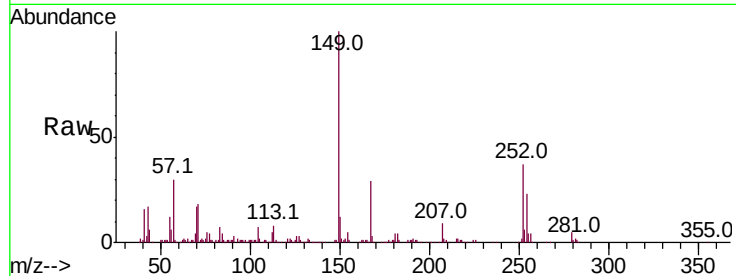
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.707 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.3	36.5
279	4.8	4.0	6.0

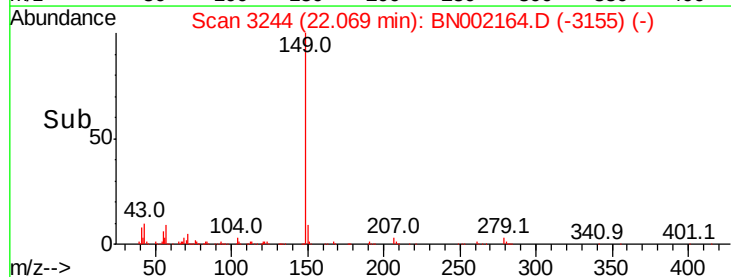
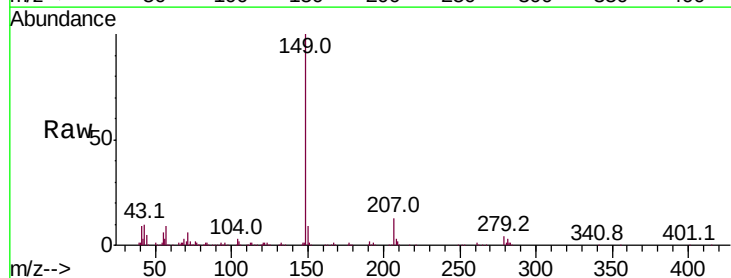
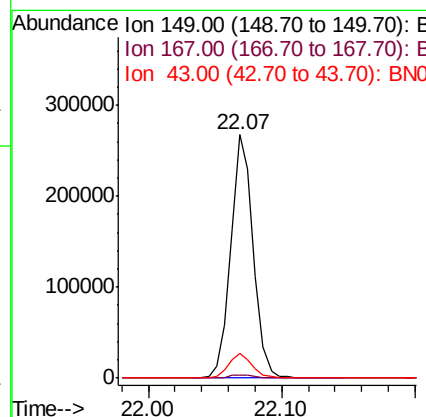
Manual Integrations
 APPROVED

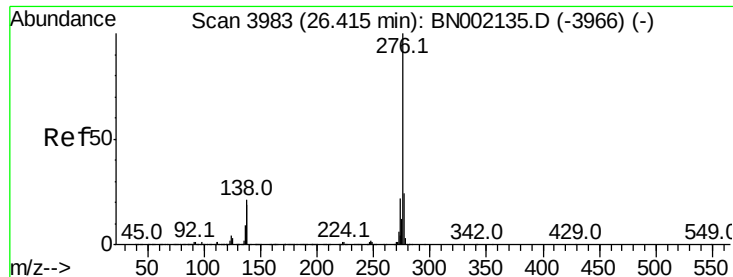
Sohil
 7/27/2018 11:36:03 AM



#84
 Di-n-octyl phthalate
 Concen: 4.638 ng
 RT: 22.07 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.4	8.9	13.3





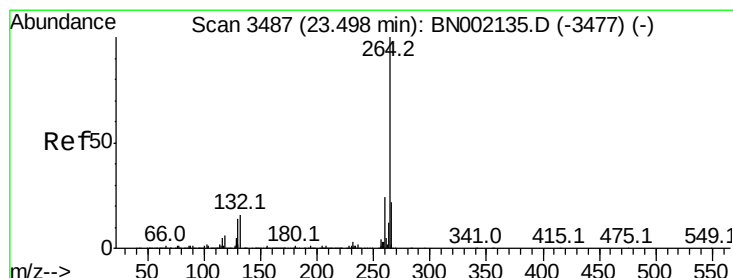
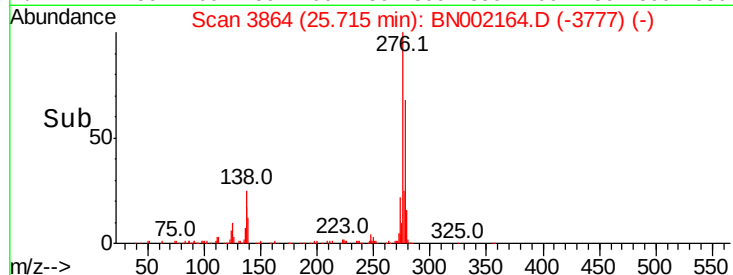
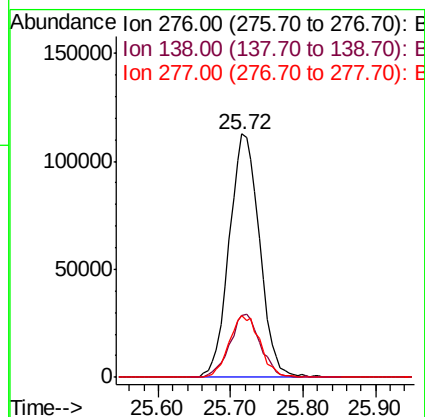
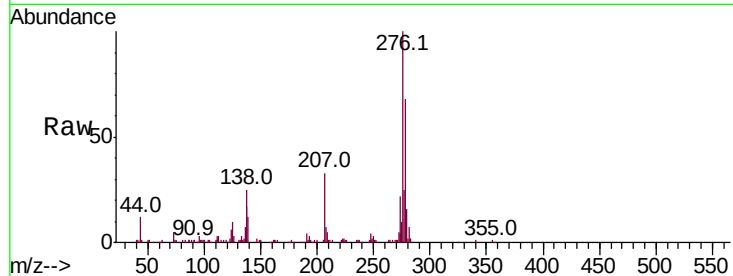
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.679 ng
RT: 25.72 min Scan# 3864
Delta R.T. -0.02 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:276	Resp:	327273
Ion Ratio	Lower	Upper
276 100		
138 25.9	16.0	24.0#
277 25.7	20.0	30.0

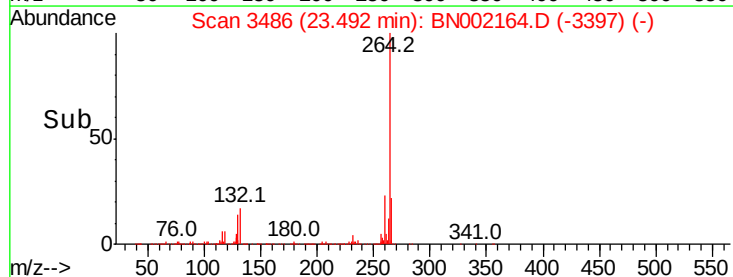
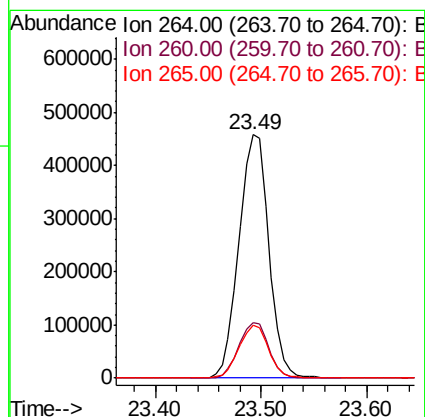
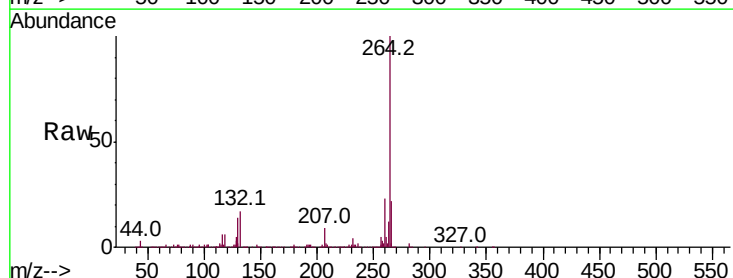
Manual Integrations
APPROVED

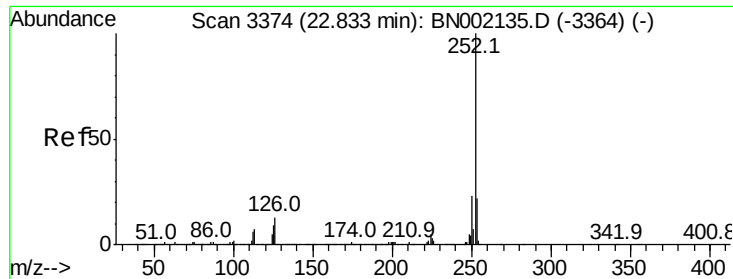
Sohil
7/27/2018 11:36:03 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion:264	Resp:	897657
Ion Ratio	Lower	Upper
264 100		
260 22.8	17.4	26.0
265 21.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 6.257 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Instrument :

BNA_N

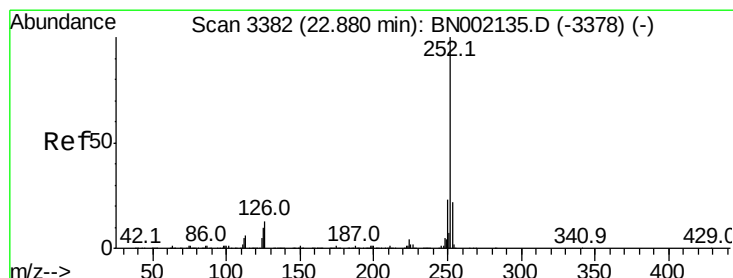
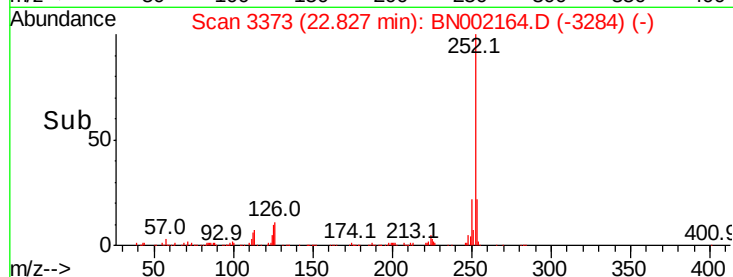
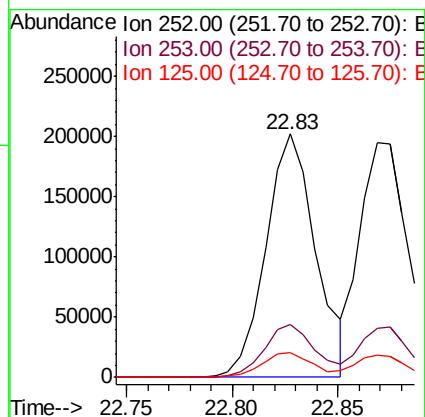
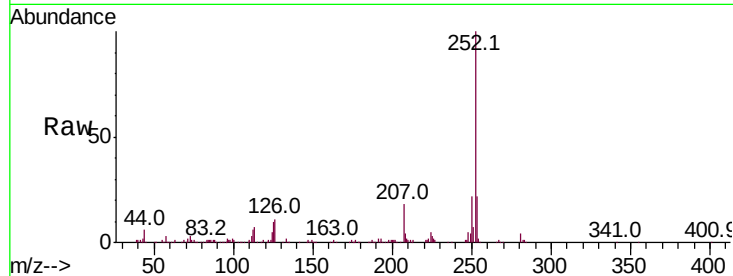
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	252	Resp:	331502
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.4
125	10.3	7.2	10.8

Manual Integrations
APPROVED

Sohil
7/27/2018 11:36:03 AM



#88

Benzo(k)fluoranthene

Concen: 5.986 ng

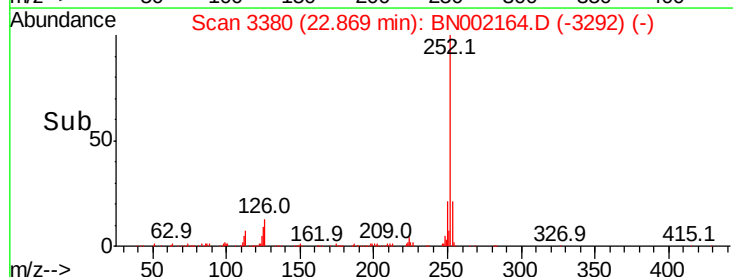
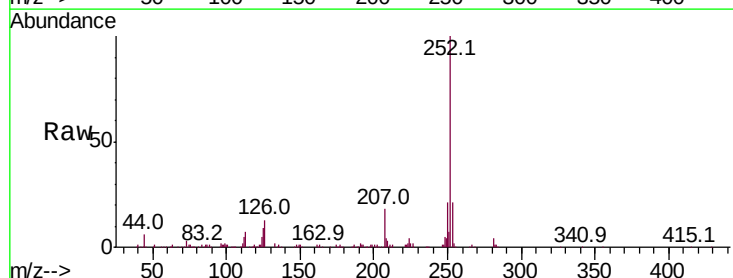
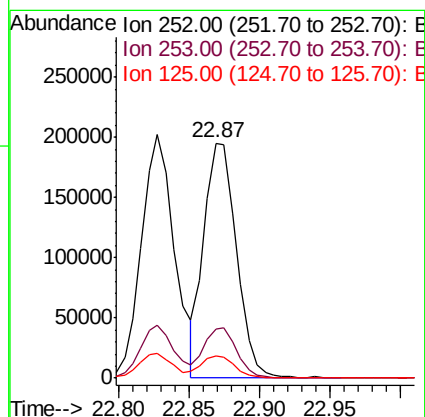
RT: 22.87 min Scan# 3380

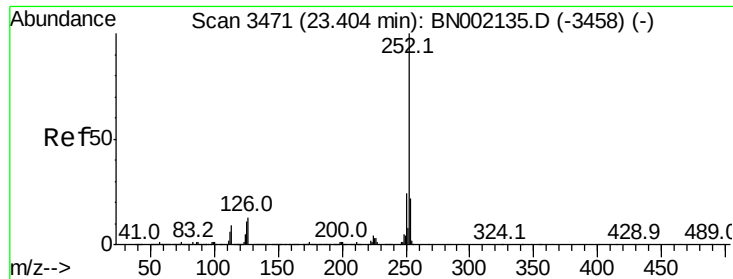
Delta R.T. -0.01 min

Lab File: BN002164.D

Acq: 26 Jul 2018 07:58

Tgt Ion:	252	Resp:	312315
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.4	26.2
125	9.5	6.6	9.8





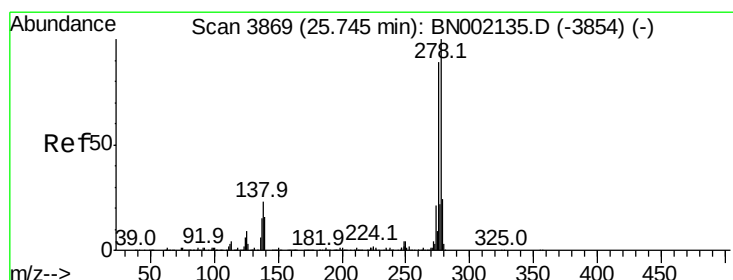
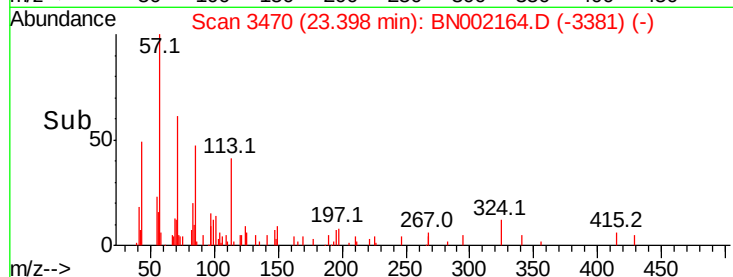
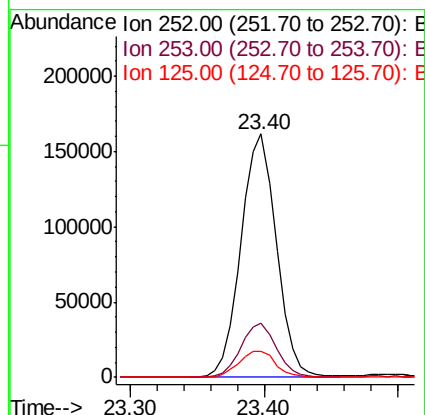
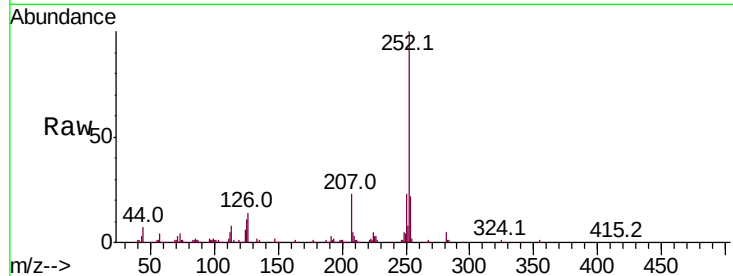
#89
Benzo(a)pyrene
Concen: 6.021 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	10.8	7.3	10.9

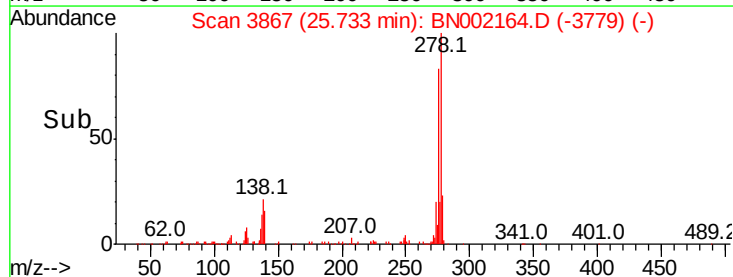
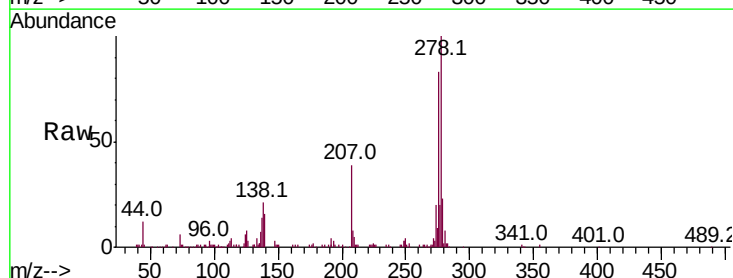
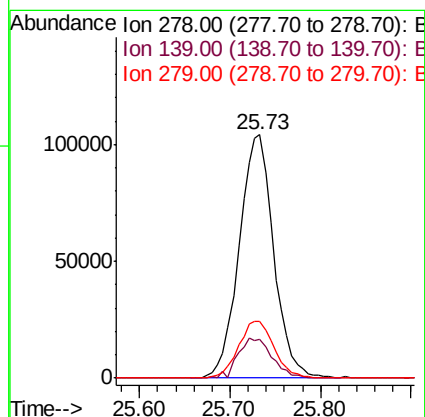
Manual Integrations
APPROVED

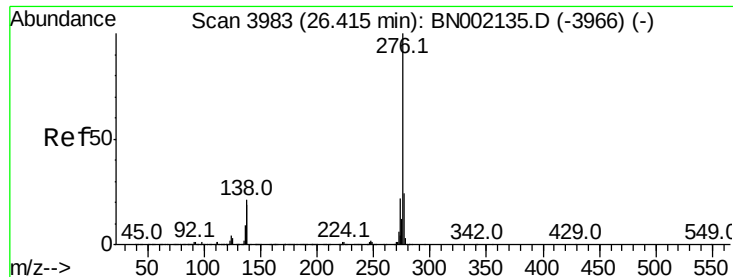
Sohil
7/27/2018 11:36:03 AM



#90
Dibenzo(a,h)anthracene
Concen: 5.920 ng
RT: 25.73 min Scan# 3867
Delta R.T. -0.01 min
Lab File: BN002164.D
Acq: 26 Jul 2018 07:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	9.8	14.6#
279	23.3	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.074 ng
 RT: 26.40 min Scan# 3980
 Delta R.T. -0.02 min
 Lab File: BN002164.D
 Acq: 26 Jul 2018 07:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion:	276	Resp:	272649
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.3	27.5
138	21.8	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:36:03 AM

