

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105169.D
 Acq On : 9 May 2018 2:31
 Operator : JU/SJ
 Sample : J2133-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:16 PM

Quant Time: May 09 11:56:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	202785	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	810090	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	400637	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	779463	20.00	ng	0.00
75) Chrysene-d12	13.99	240	668747	20.00	ng	-0.03
86) Perylene-d12	15.51	264	612789	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1517931	123.32	ng	0.00
7) Phenol-d6	6.42	99	1822392	124.34	ng	0.00
23) Nitrobenzene-d5	7.36	82	1134953	94.95	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	580331	131.29	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2014020	78.02	ng	0.00
78) Terphenyl-d14	12.90	244	2187975	76.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	51378	7.895	ng	91
3) Pyridine	3.27	79	135278	7.751	ng	86
4) n-Nitrosodimethylamine	3.18	42	61296	6.929	ng	82
6) Aniline	6.46	93	177043	8.271	ng	94
8) 2-Chlorophenol	6.57	128	110024	8.426	ng	96
9) Benzaldehyde	6.35	77	56383	5.019	ng	97
10) Phenol	6.43	94	127650	7.826	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	114737	8.535	ng	92
12) 1,3-Dichlorobenzene	6.73	146	142876	9.078	ng	98
13) 1,4-Dichlorobenzene	6.81	146	139922	8.891	ng	97
14) 1,2-Dichlorobenzene	6.96	146	128771	8.870	ng	97
15) Benzyl Alcohol	6.93	79	110084	9.814	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	205886	8.242	ng	97
17) 2-Methylphenol	7.03	107	95060	8.432	ng	98
18) Hexachloroethane	7.30	117	45419	8.968	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	86477	8.911	ng	88
20) 3+4-Methylphenols	7.19	107	127934	9.656	ng	96
22) Acetophenone	7.20	105	179836	9.524	ng	# 96
24) Nitrobenzene	7.37	77	130570	9.634	ng	99
25) Isophorone	7.60	82	213364	7.982	ng	94
26) 2-Nitrophenol	7.69	139	46617	16.746	ng	95
27) 2,4-Dimethylphenol	7.72	122	86103	7.248	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	136107	8.250	ng	98
29) 2,4-Dichlorophenol	7.92	162	93625	8.424	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	117503	9.168	ng	97
31) Naphthalene	8.09	128	352800	9.045	ng	99
32) Benzoic acid	7.79	122	54759	16.529	ng	96
33) 4-Chloroaniline	8.14	127	137729	8.491	ng	97
34) Hexachlorobutadiene	8.21	225	69550	9.367	ng	97
35) Caprolactam	8.47	113	26059	7.721	ng	# 75
36) 4-Chloro-3-methylphenol	8.61	107	96380	8.330	ng	95
37) 2-Methylnaphthalene	8.78	142	243780	8.967	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	119698	9.389	ng	96
40) Hexachlorocyclopentadiene	8.93	237	56198	8.152	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105169.D
 Acq On : 9 May 2018 2:31
 Operator : JU/SJ
 Sample : J2133-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

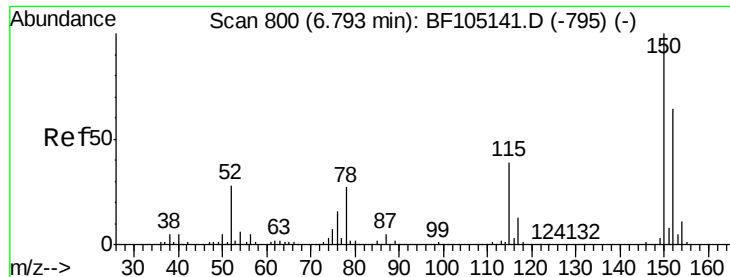
Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:16 PM

Quant Time: May 09 11:56:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	65356	8.402	nq	90
43) 2,4,5-Trichlorophenol	9.09	196	73550	9.050	nq	# 91
45) 1,1'-Biphenyl	9.24	154	317380	9.723	nq	99
46) 2-Chloronaphthalene	9.27	162	229842	9.421	nq	95
47) 2-Nitroaniline	9.36	65	61234	13.460	nq	# 83
48) Acenaphthylene	9.69	152	358578	9.516	nq	100
49) Dimethylphthalate	9.54	163	261960	9.658	nq	100
50) 2,6-Dinitrotoluene	9.60	165	54080	9.189	nq	97
51) Acenaphthene	9.86	154	231414	9.530	nq	98
52) 3-Nitroaniline	9.77	138	56610	9.132	nq	95
53) 2,4-Dinitrophenol	9.87	184	12330	16.794	nq	# 23
54) Dibenzofuran	10.03	168	319381	8.991	nq	99
55) 4-Nitrophenol	9.92	139	38705	10.865	nq	91
56) 2,4-Dinitrotoluene	10.00	165	66954	11.522	nq	95
57) Fluorene	10.37	166	249911	9.593	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	59013	8.134	nq	# 88
59) Diethylphthalate	10.25	149	249507	9.361	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	122584	10.108	nq	89
61) 4-Nitroaniline	10.38	138	52257	8.472	nq	97
62) Azobenzene	10.53	77	244060	8.777	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	25225	17.325	nq	90
65) n-Nitrosodiphenylamine	10.49	169	217461	8.950	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	75616	9.096	nq	# 89
67) Hexachlorobenzene	10.92	284	87967	9.184	nq	# 89
68) Atrazine	11.01	200	43912	5.766	nq	92
69) Pentachlorophenol	11.11	266	45739	10.988	nq	98
70) Phenanthrene	11.33	178	379190	9.227	nq	98
71) Anthracene	11.39	178	371673	8.901	nq	99
72) Carbazole	11.54	167	343095	9.119	nq	98
73) Di-n-butylphthalate	11.87	149	373088	9.271	nq	99
74) Fluoranthene	12.52	202	390812	9.127	nq	95
76) Benzidine	12.64	184	73982	2.963	nq	# 92
77) Pyrene	12.75	202	411962	8.469	nq	99
79) Butylbenzylphthalate	13.39	149	132757	13.366	nq	99
80) Benzo(a)anthracene	13.97	228	347655	8.572	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	103524	6.790	nq	# 95
82) Chrysene	14.01	228	358716	8.588	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	197280	9.810	nq	98
84) Di-n-octyl phthalate	14.65	149	262459	12.692	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.94	276	256135	7.738	nq	94
87) Benzo(b)fluoranthene	15.08	252	320312	8.544	nq	98
88) Benzo(k)fluoranthene	15.11	252	314171m	8.642	nq	
89) Benzo(a)pyrene	15.44	252	272353	7.988	nq	97
90) Dibenzo(a,h)anthracene	16.96	278	211792	7.997	nq	95
91) Benzo(g,h,i)perylene	17.37	276	204959	7.911	nq	94

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



#1

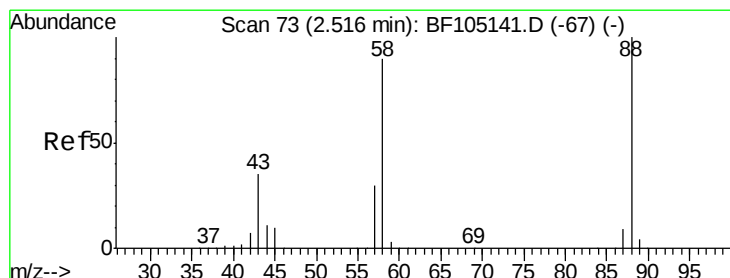
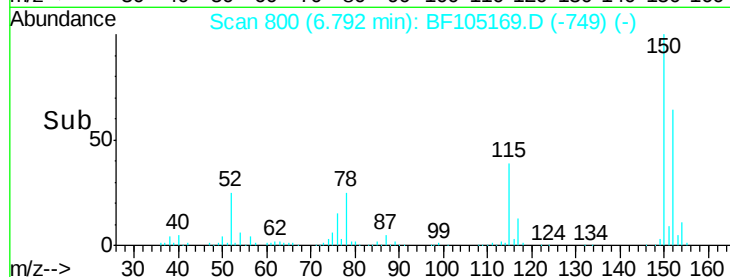
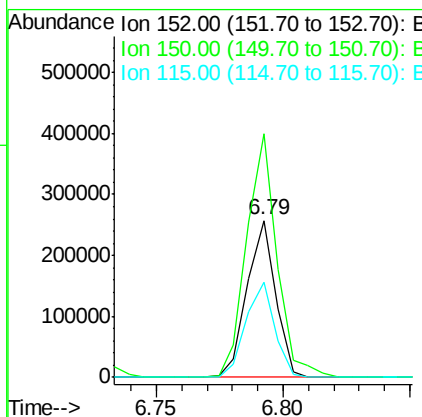
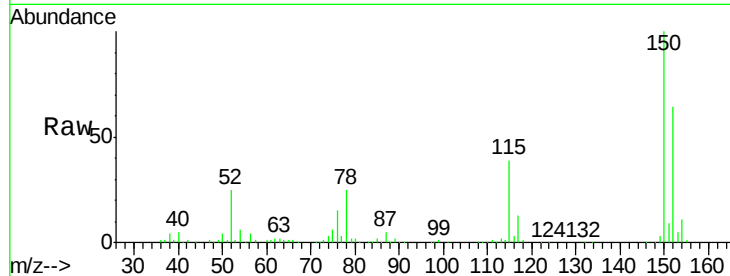
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	60.6	50.1	75.1

Manual Integrations
APPROVED

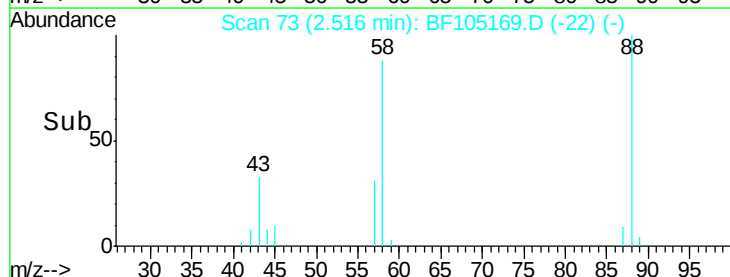
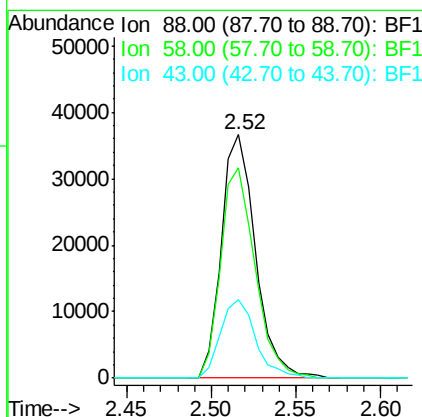
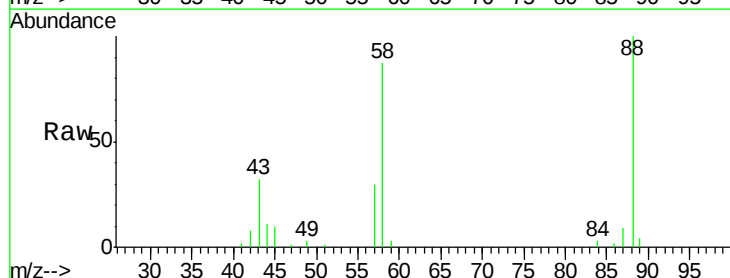
Sohil
5/9/2018 6:51:16 PM

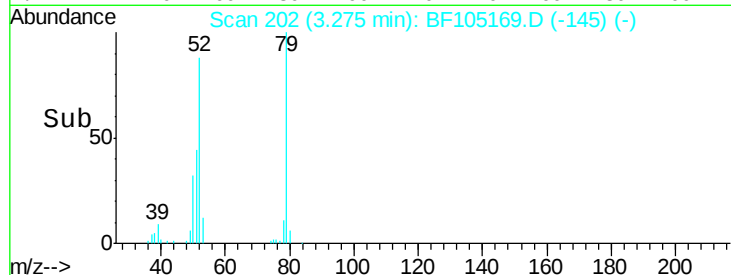
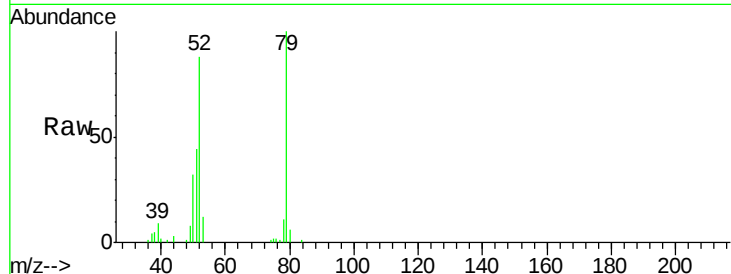
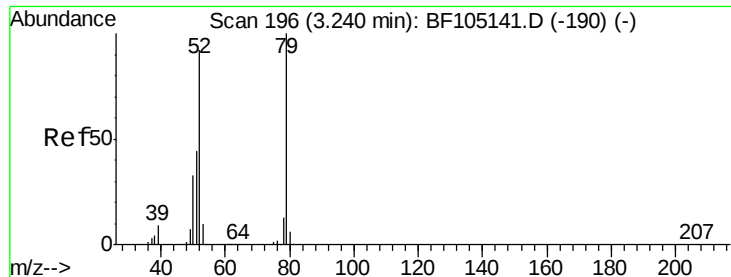


#2

1,4-Dioxane
Concen: 7.895 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	62.6	93.8
43	33.4	24.6	37.0





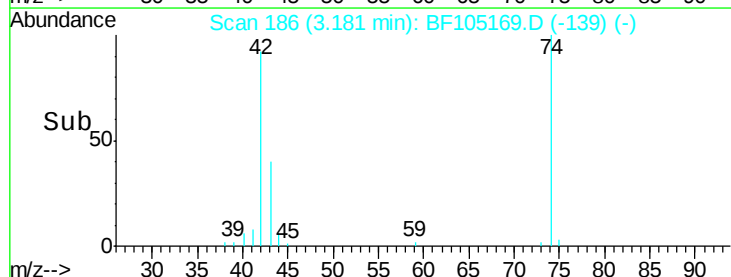
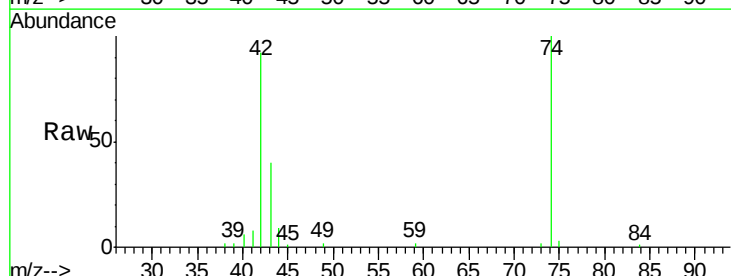
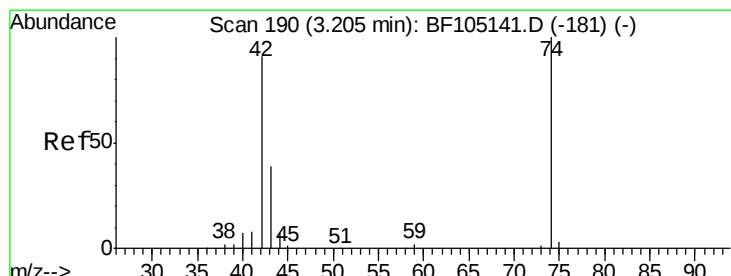
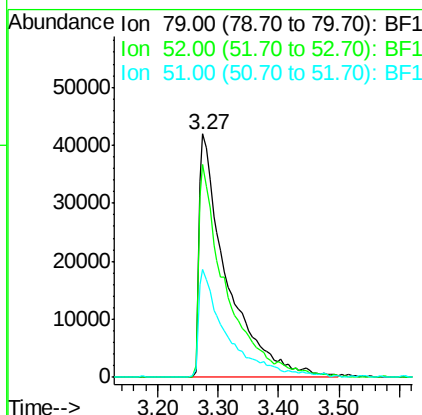
#3
 Pvridine
 Concen: 7.751 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.03 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	87.6	59.8	89.6		
51	44.2	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

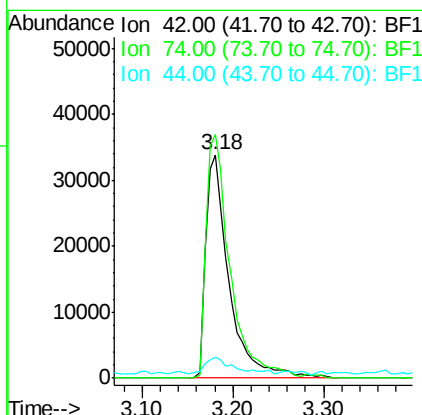
Manual Integrations
 APPROVED

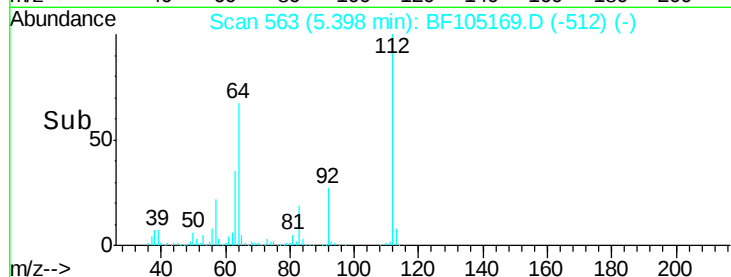
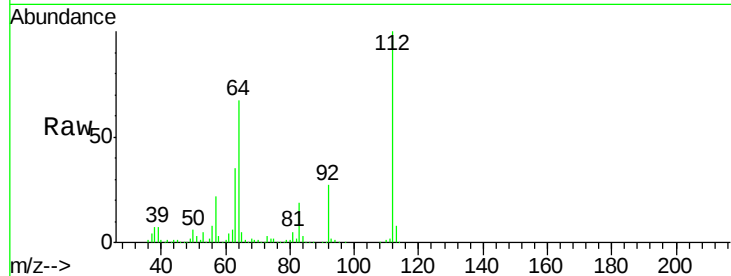
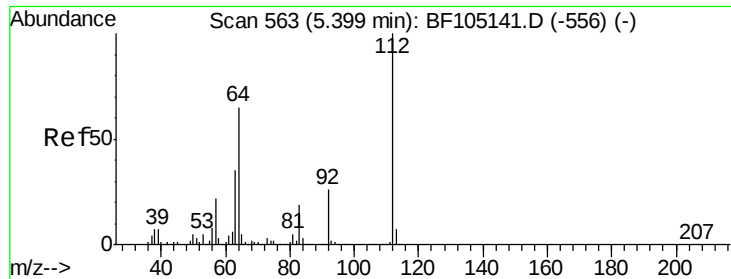
Sohil
 5/9/2018 6:51:16 PM



#4
 n-Nitrosodimethylamine
 Concen: 6.929 ng
 RT: 3.18 min Scan# 186
 Delta R.T. -0.02 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	109.1	104.9	157.3		
44	9.3	6.9	10.3		





#5

2-Fluorophenol

Concen: 123.317 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tot Ion:	112	Resp:	1517931
Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	35.4	23.7	35.5

Instrument :

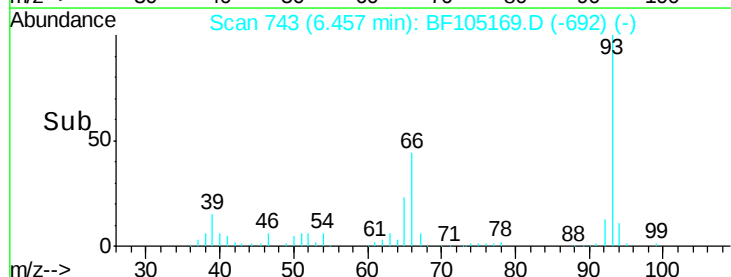
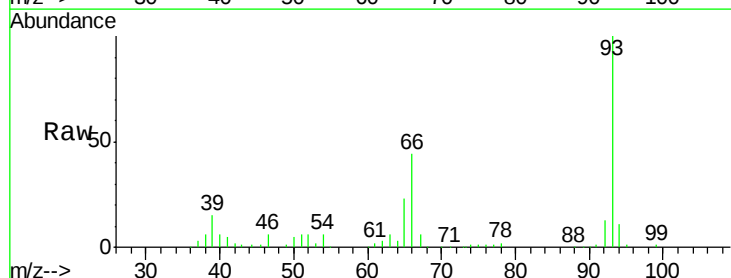
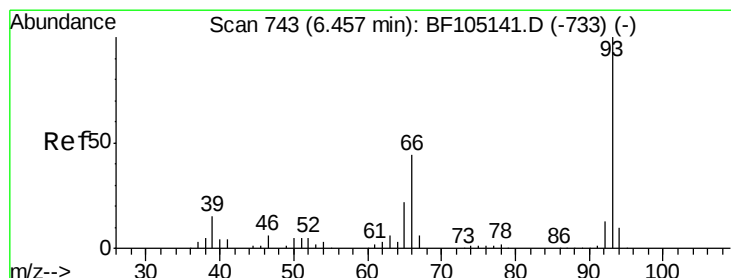
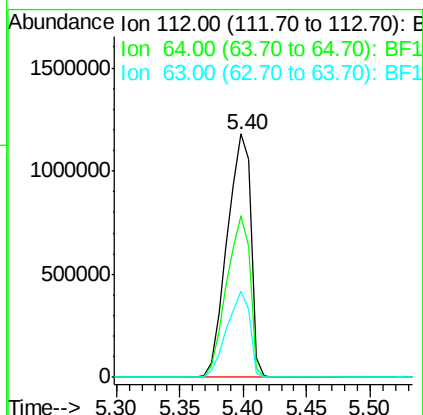
BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2018

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#6

Aniline

Concen: 8.271 ng

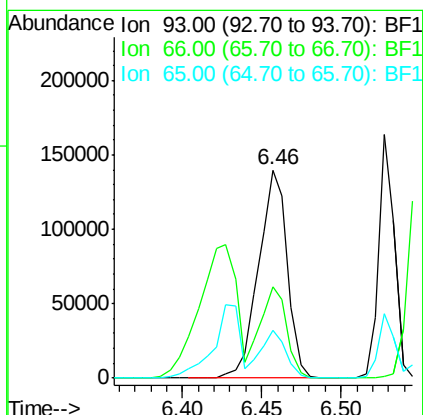
RT: 6.46 min Scan# 743

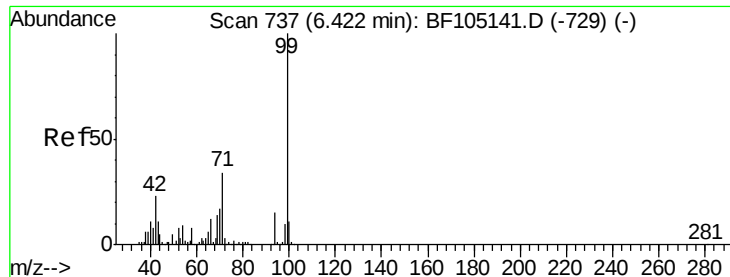
Delta R.T. -0.00 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion:	93	Resp:	177043
Ion	Ratio	Lower	Upper
93	100		
66	43.8	32.2	48.2
65	23.0	16.4	24.6





#7

Phenol-d6

Concen: 124.340 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion: 99 Resp: 1822392

Ion Ratio Lower Upper

99 100

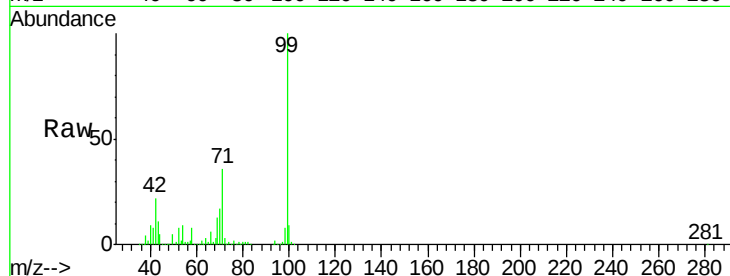
42 22.3 14.5 21.7#

71 35.9 25.4 38.0

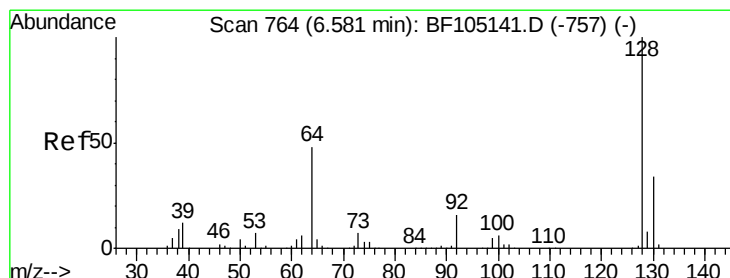
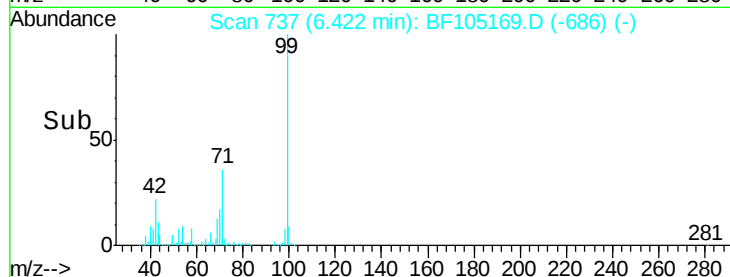
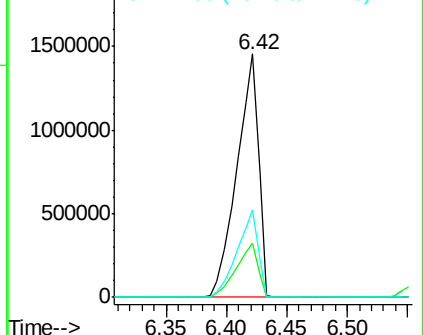
Manual Integrations
APPROVED

Sohil

5/9/2018 6:51:16 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 8.426 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

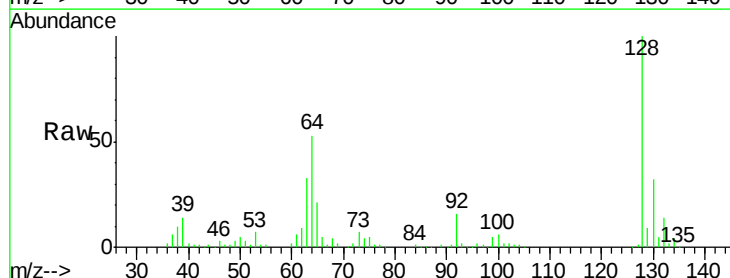
Tgt Ion: 128 Resp: 110024

Ion Ratio Lower Upper

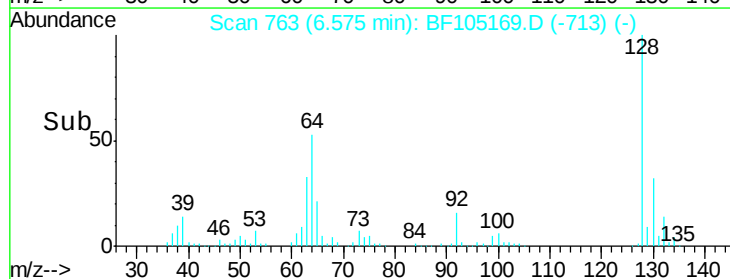
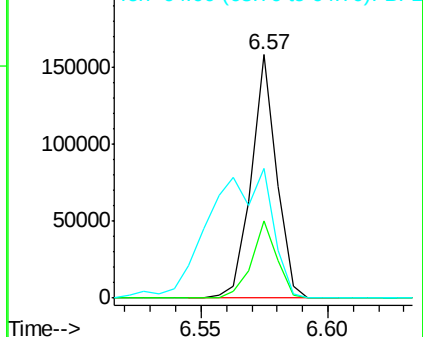
128 100

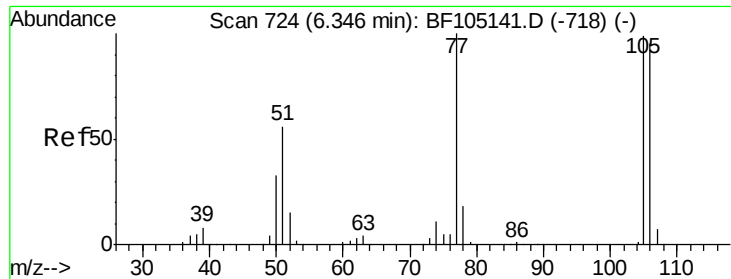
130 31.7 13.0 53.0

64 53.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.019 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

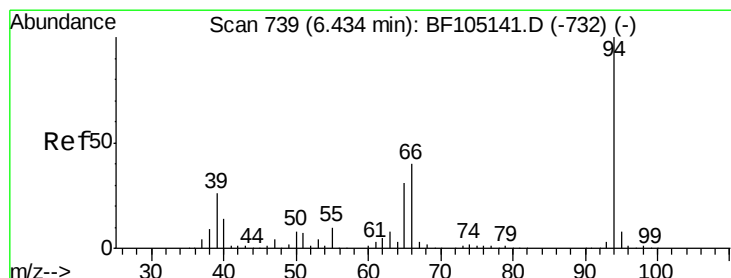
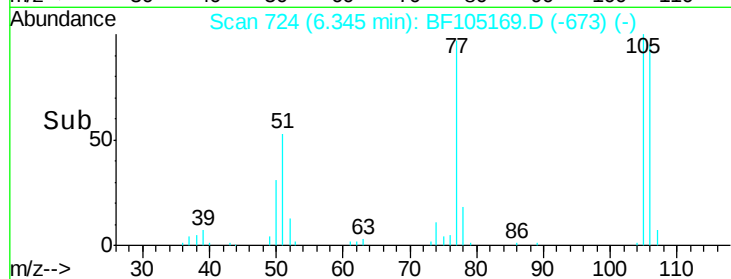
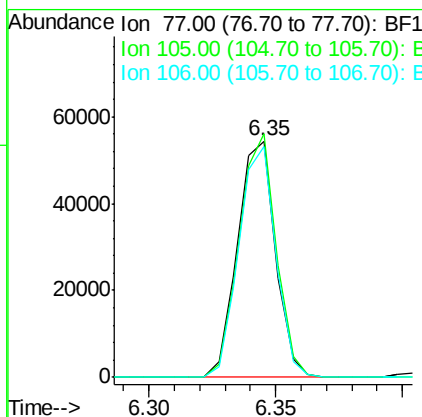
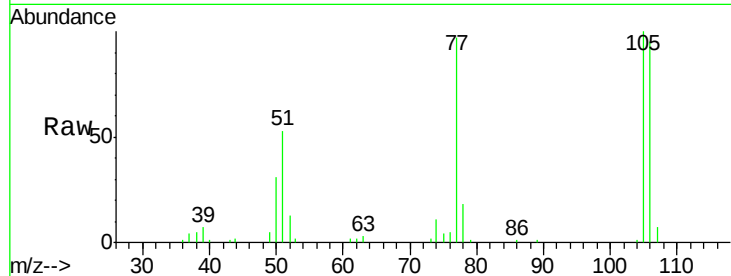
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.2	81.1	121.1		
106	97.7	74.5	114.5		

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#10

Phenol

Concen: 7.826 ng

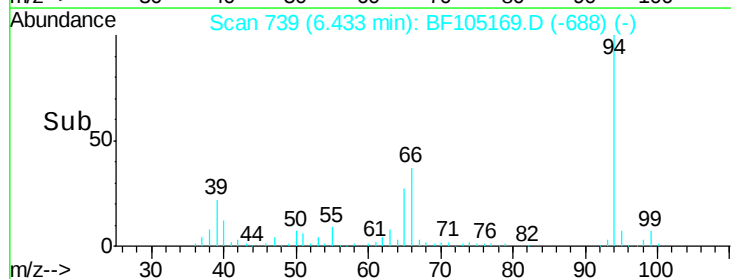
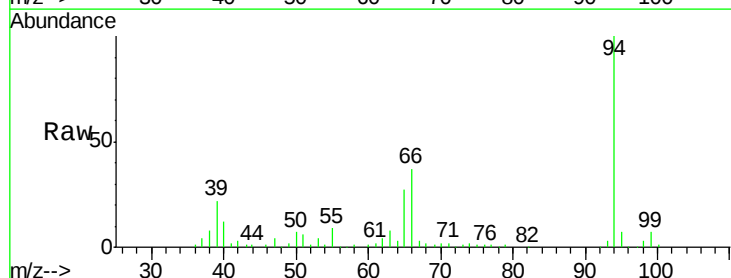
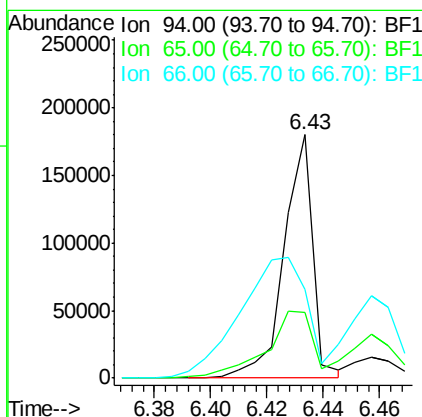
RT: 6.43 min Scan# 739

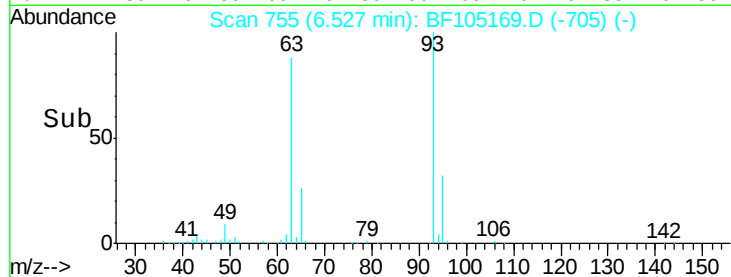
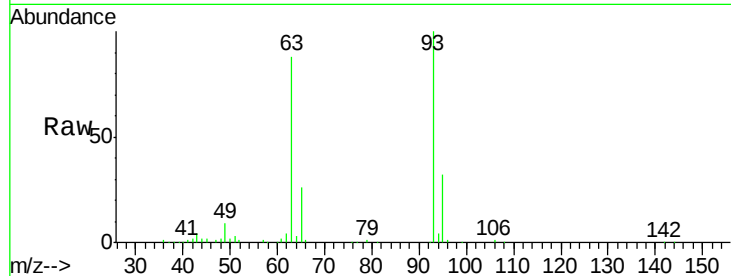
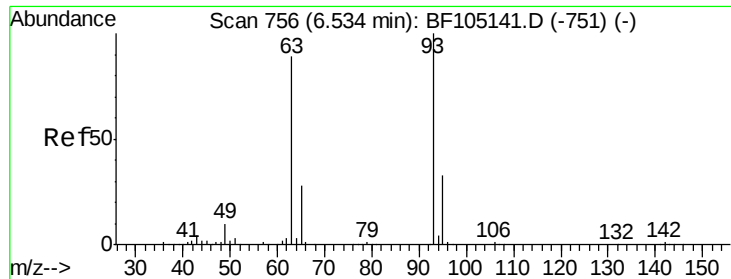
Delta R.T. -0.00 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.9	7.9	47.9		
66	36.7	16.2	56.2		





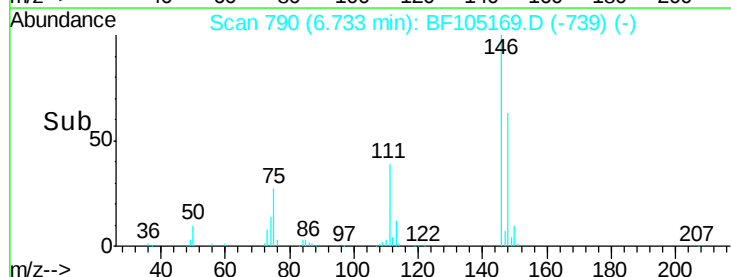
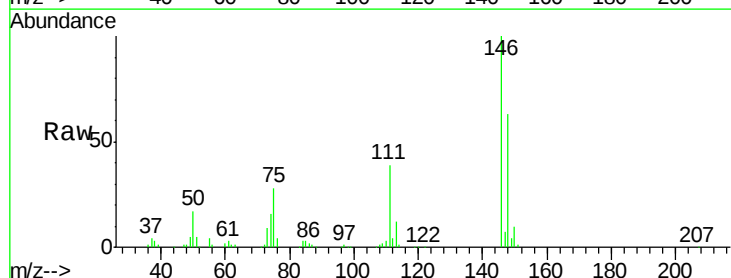
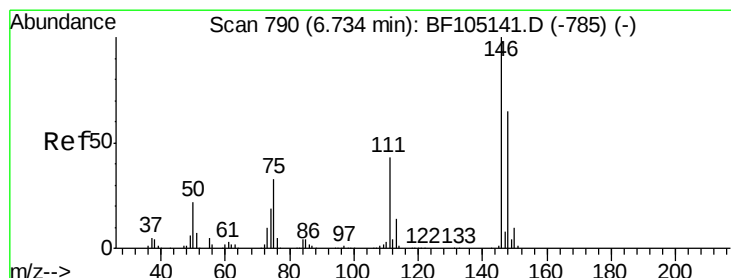
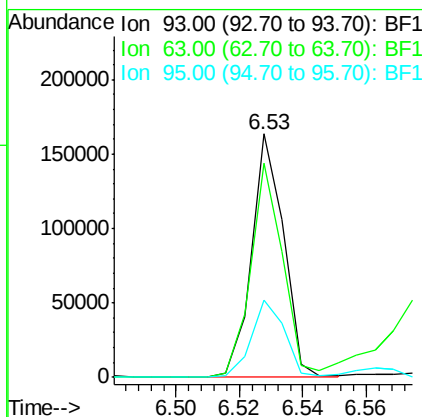
#11
bis(2-Chloroethyl)ether
Concen: 8.535 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tot Ion	Ratio	Resp	Lower	Upper
93	100	114737		
63	88.1	58.6	98.6	
95	31.7	11.8	51.8	

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

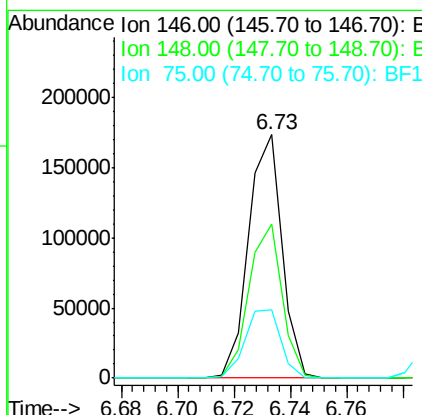
Manual Integrations
APPROVED

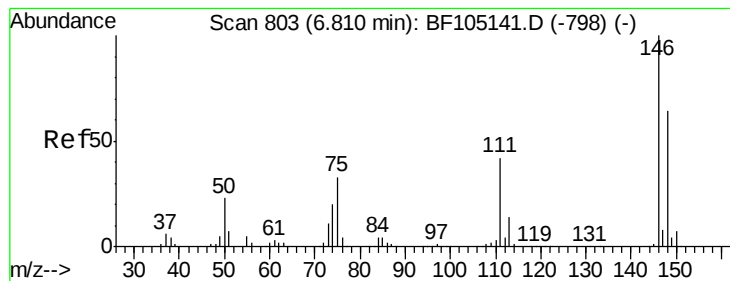
Sohil
5/9/2018 6:51:16 PM



#12
1,3-Dichlorobenzene
Concen: 9.078 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	142876		
148	63.4	51.8	77.8	
75	28.1	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 8.891 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

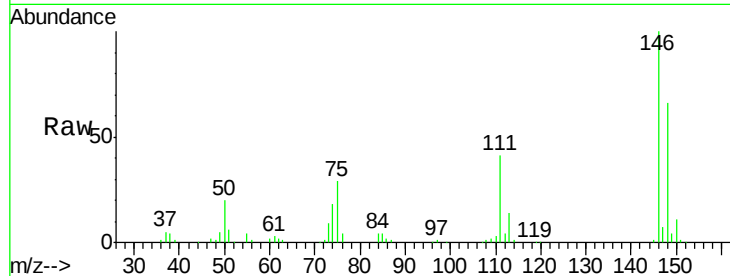
ClientSampleId :

MDL-WATER-03-QT2-2018

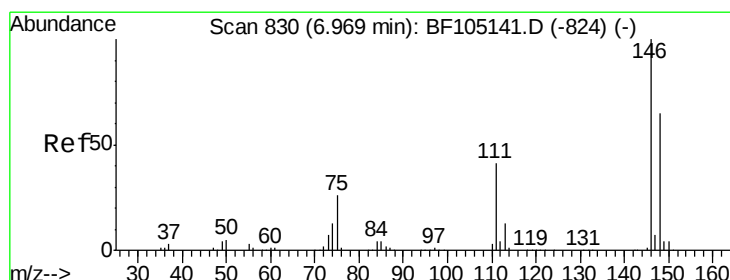
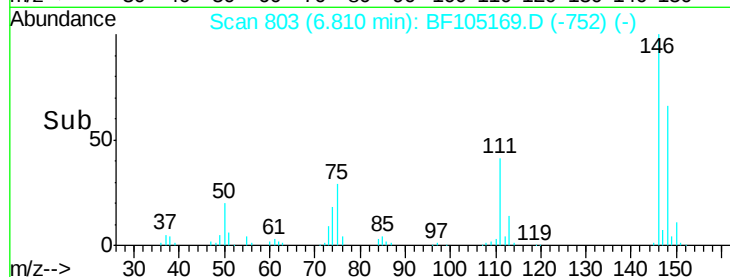
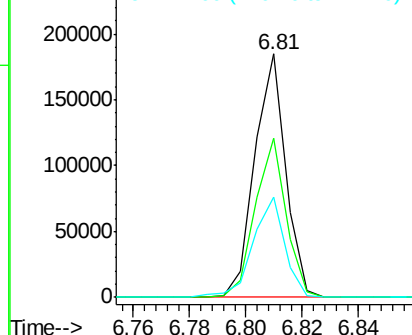
Tot Ion:	146	Resp:	139922
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.8	76.2
111	41.0	34.2	51.2

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.870 ng

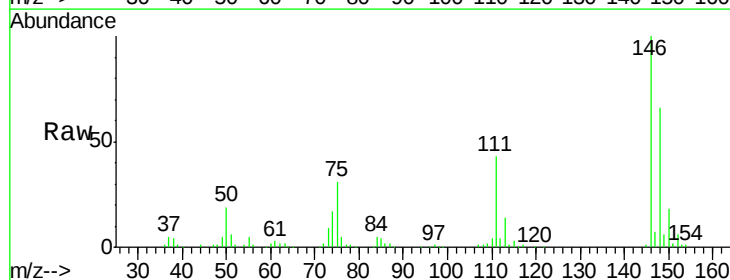
RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

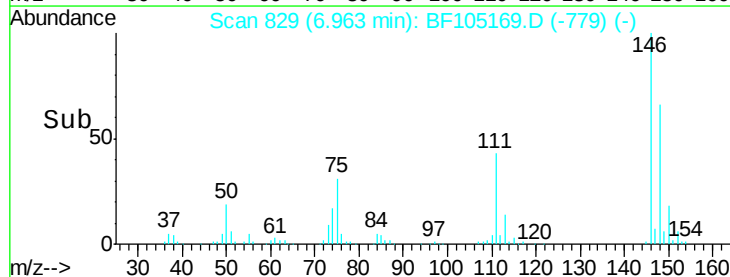
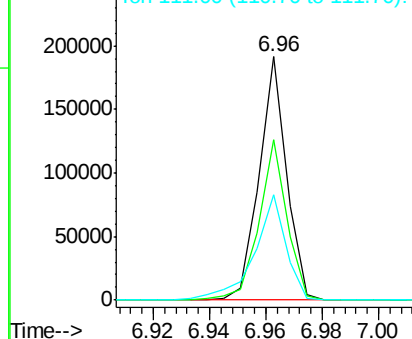
Lab File: BF105169.D

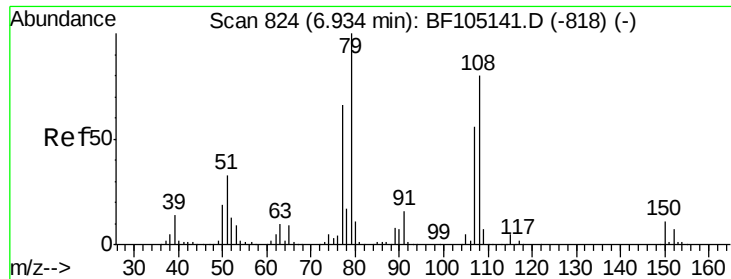
Acq: 9 May 2018 2:31

Tgt Ion:	146	Resp:	128771
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.6	75.8
111	43.4	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





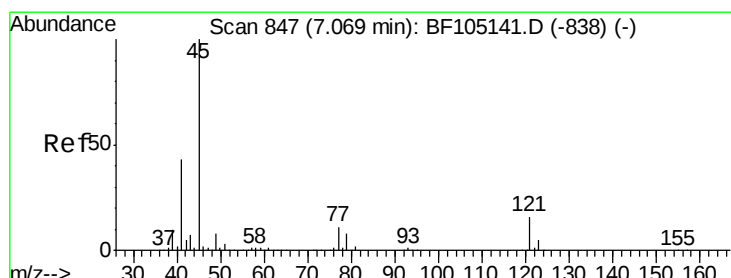
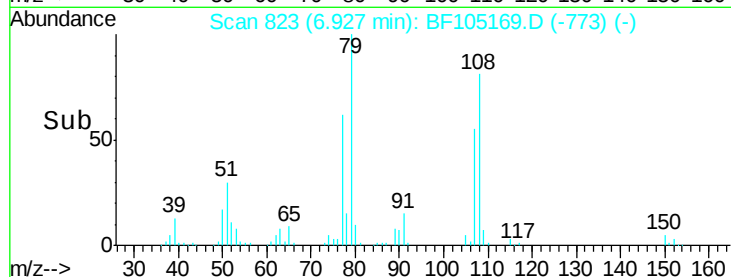
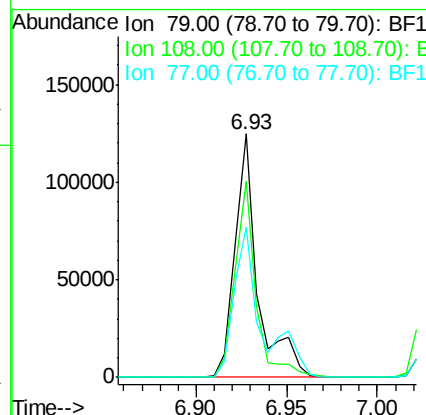
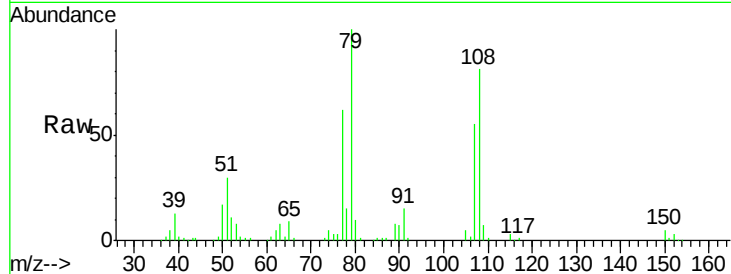
#15
Benzyl Alcohol
Concen: 9.814 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	65.1	97.7
77	61.7	50.6	75.8

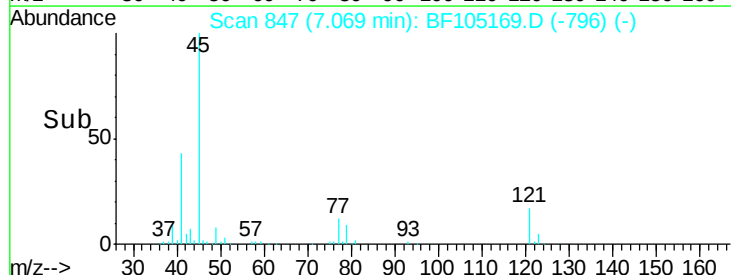
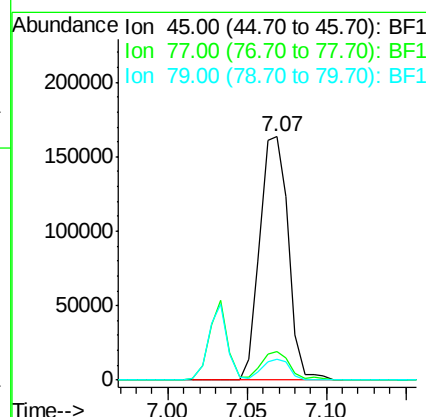
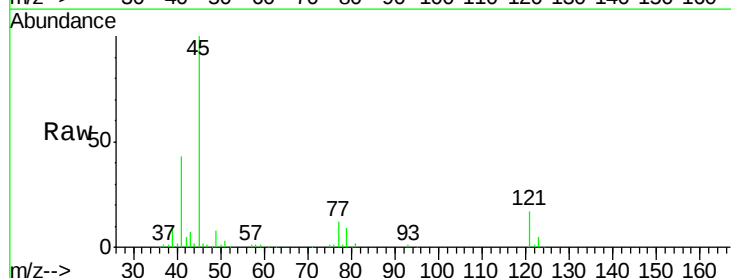
Manual Integrations
APPROVED

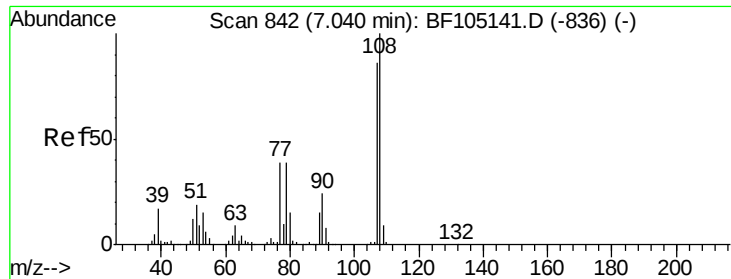
Sohil
5/9/2018 6:51:16 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.242 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	32.9
79	8.6	0.0	29.6





#17

2-Methylphenol

Concen: 8.432 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

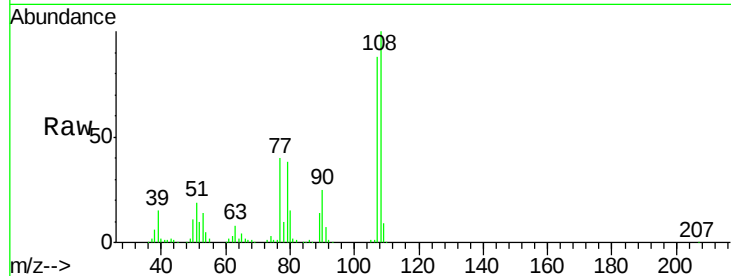
ClientSampleId :

MDL-WATER-03-QT2-2018

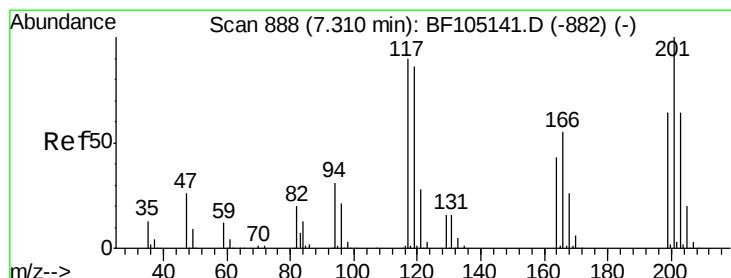
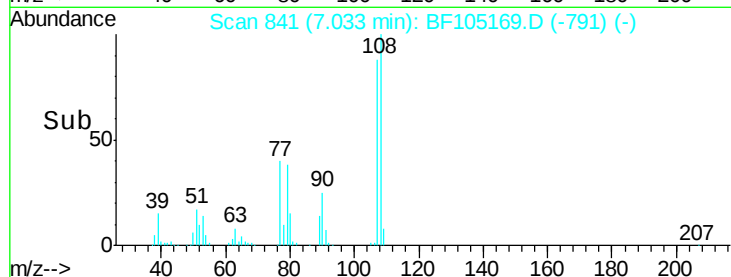
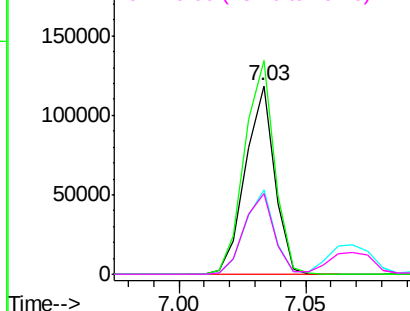
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.7	137.5	
77	44.9	33.8	50.8	
79	42.7	33.8	50.8	

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 8.968 ng

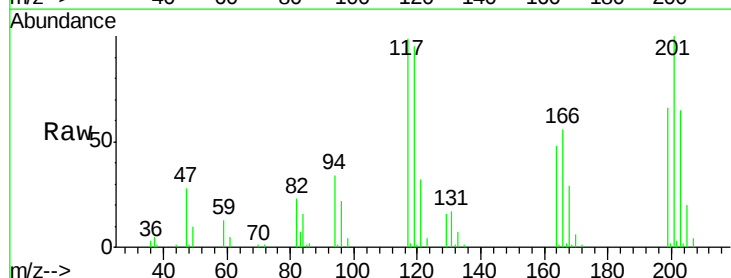
RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

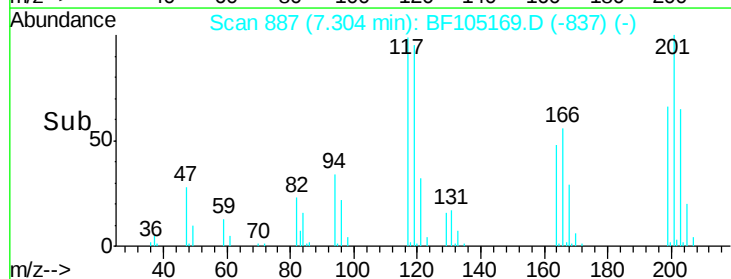
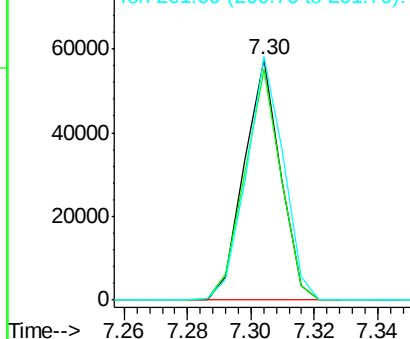
Lab File: BF105169.D

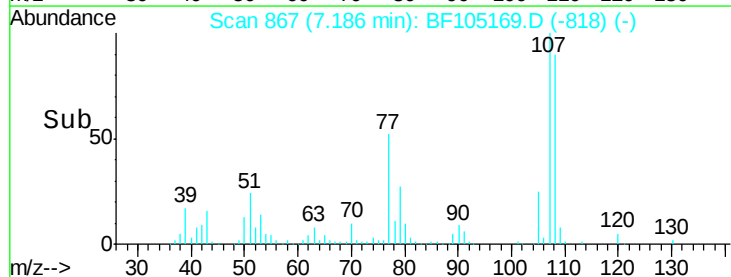
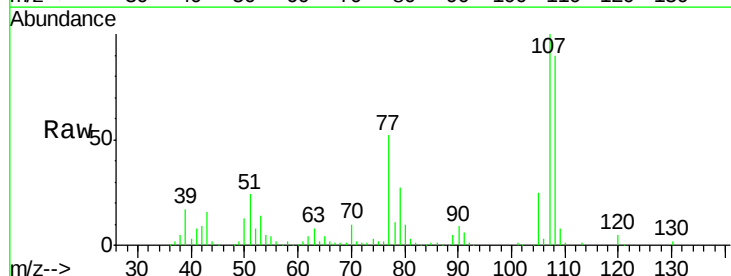
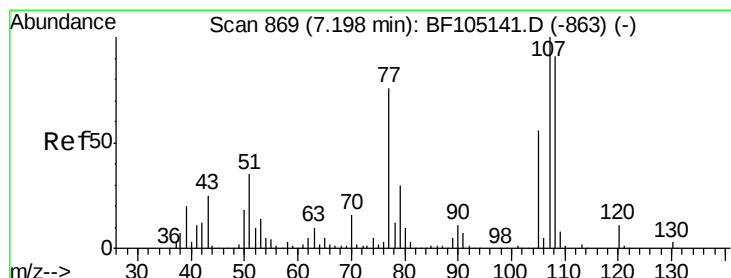
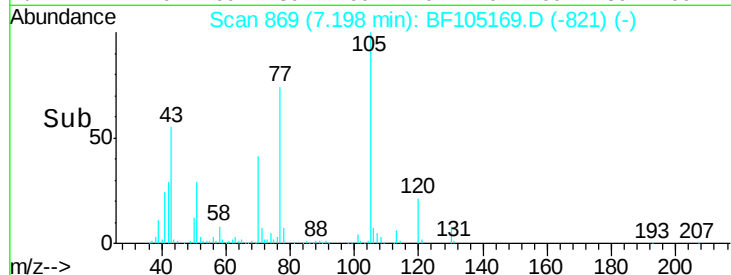
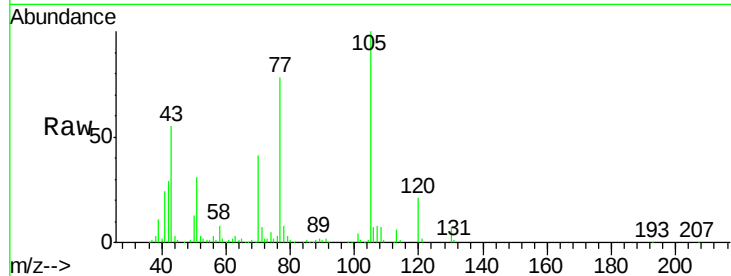
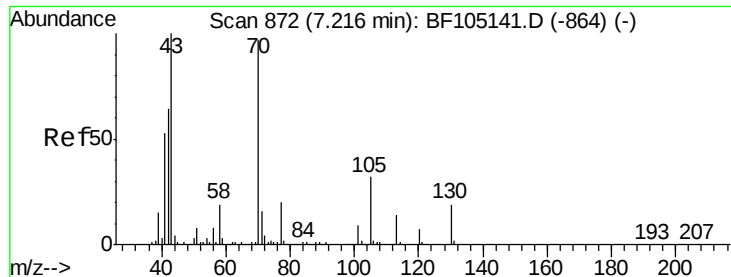
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.8	113.8	
201	101.2	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 8.911 ng

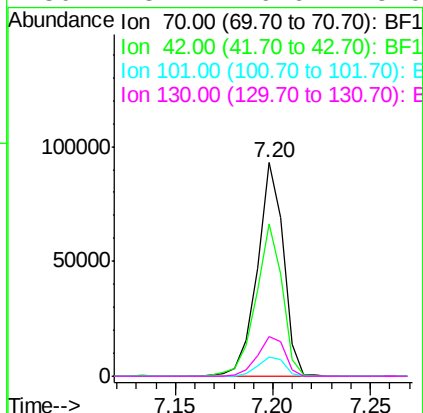
RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tot Ion:	70	Resp:	86477
Ion Ratio	Lower	Upper	
70	100		
42	71.0	47.5	71.3
101	8.7	7.4	11.2
130	18.4	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM

#20

3+4-Methylphenols

Concen: 9.656 ng

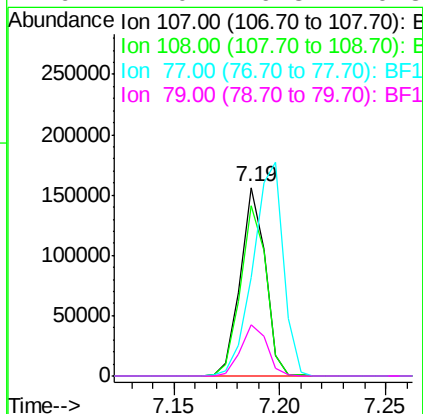
RT: 7.19 min Scan# 867

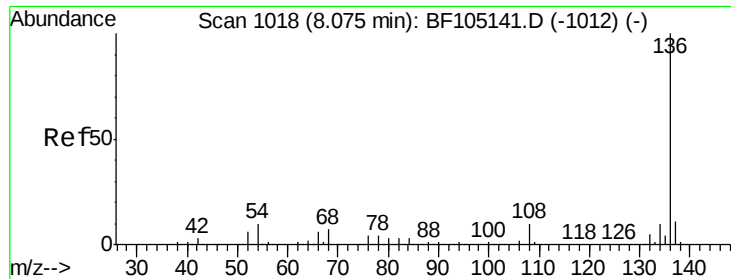
Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion:	107	Resp:	127934
Ion Ratio	Lower	Upper	
107	100		
108	90.2	68.2	108.2
77	52.5	26.7	66.7
79	27.0	6.3	46.3





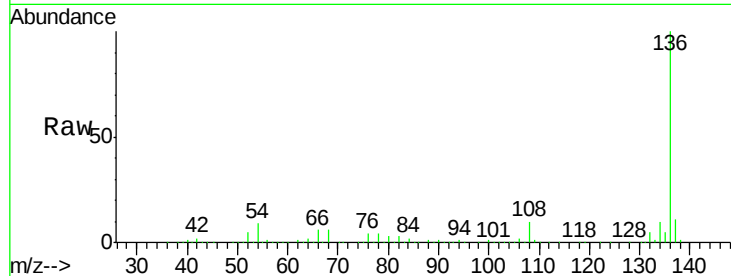
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

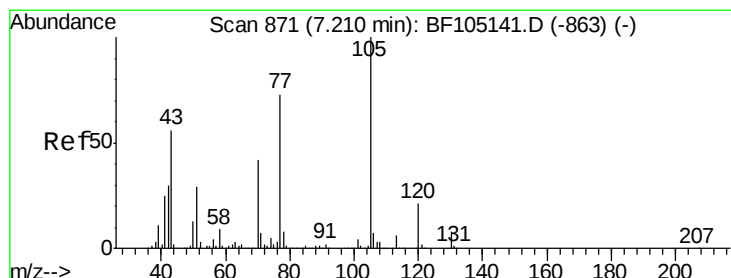
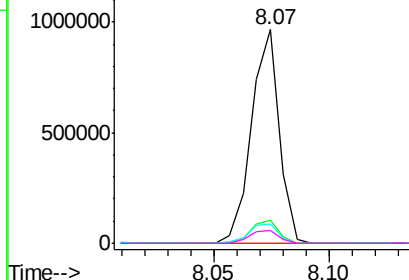
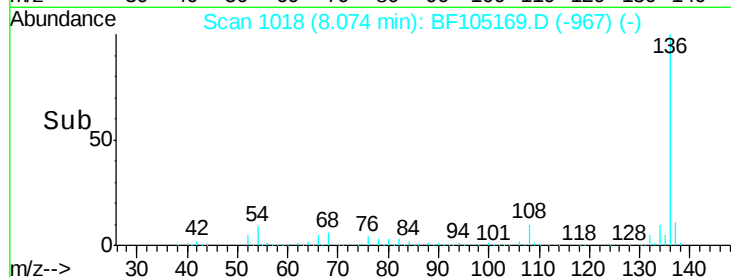
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	9.1	6.6	9.8	
68	6.1	5.0	7.4	

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM

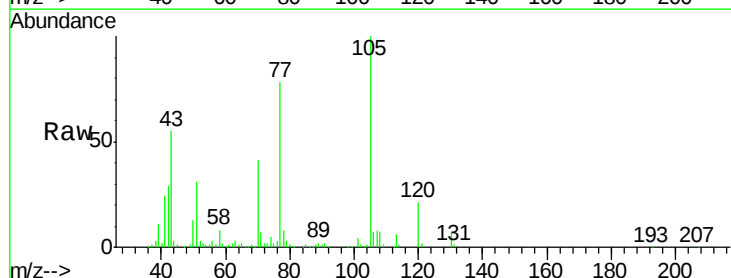


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

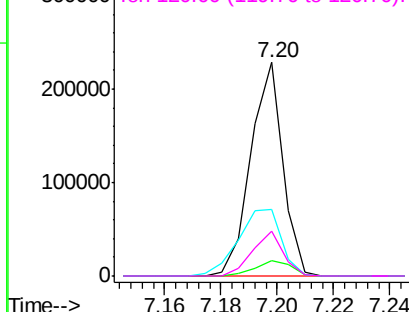
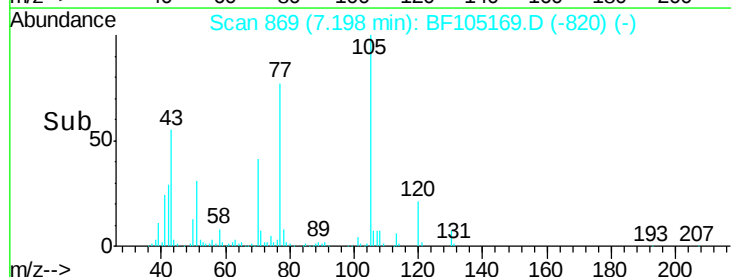


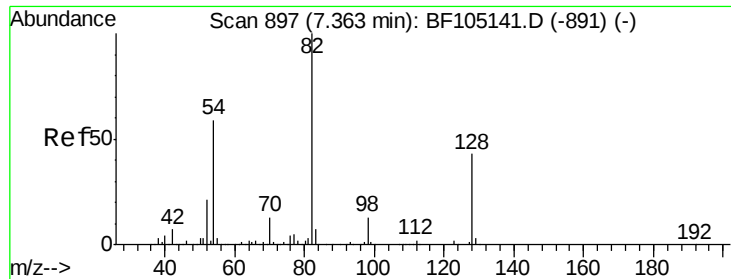
#22
Acetophenone
Concen: 9.524 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	4.4	6.6#	
51	31.3	22.3	33.5	
120	21.2	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
300000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





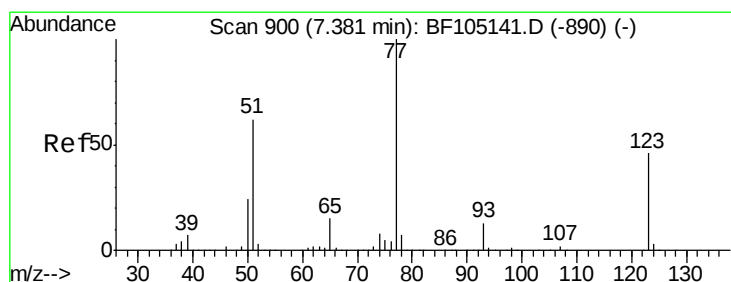
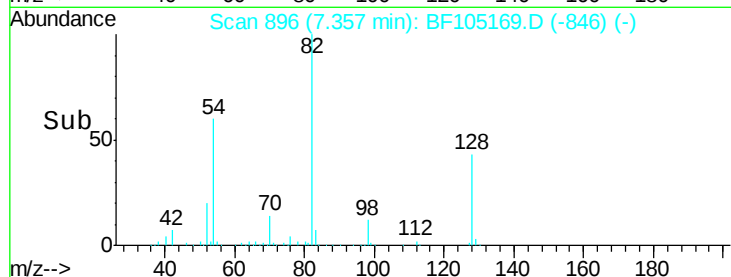
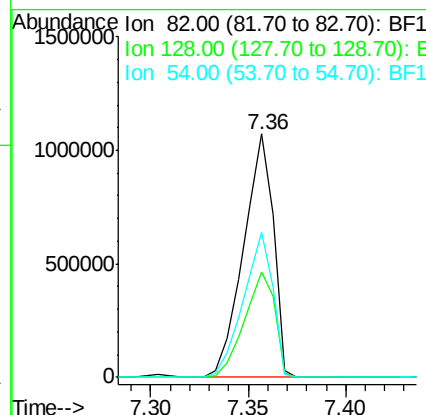
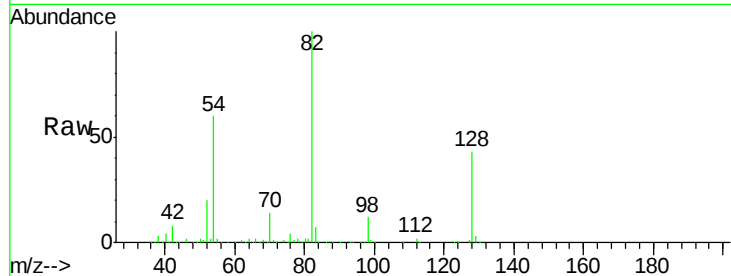
#23
Nitrobenzene-d5
Concen: 94.952 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	59.5	41.4	62.2

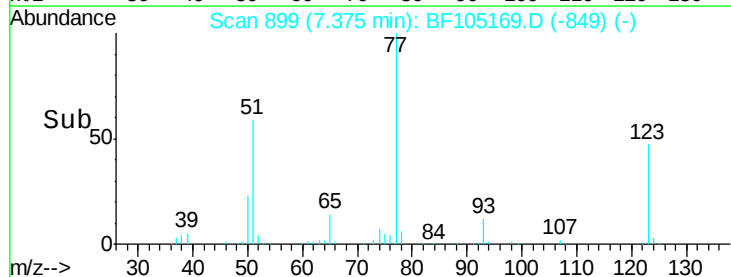
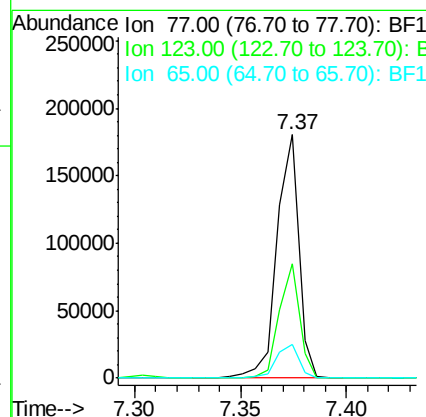
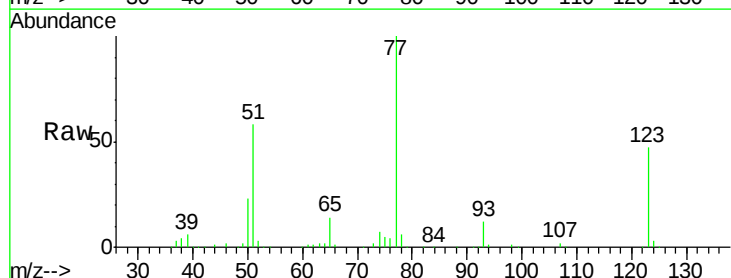
Manual Integrations
APPROVED

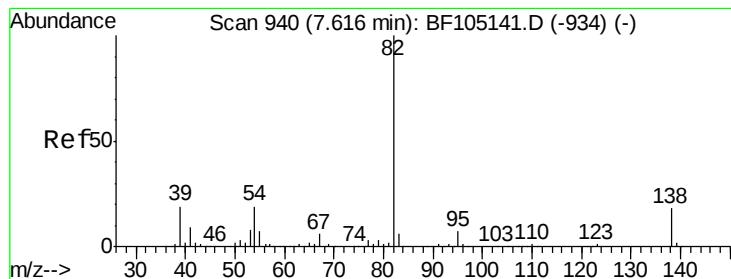
Sohil
5/9/2018 6:51:16 PM



#24
Nitrobenzene
Concen: 9.634 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.9	56.9
65	14.0	11.0	16.4





#25

Isophorone

Concen: 7.982 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

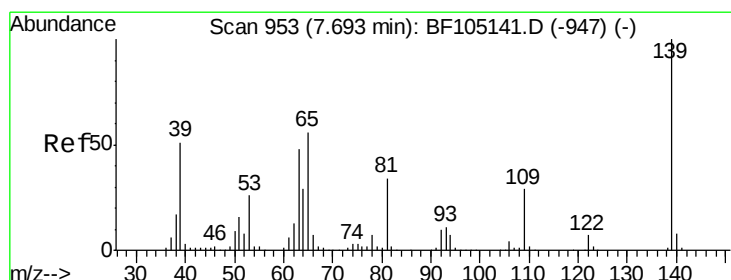
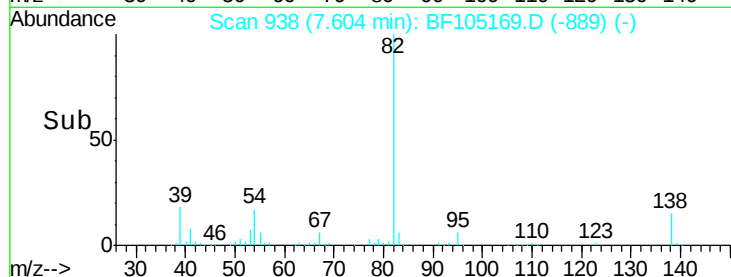
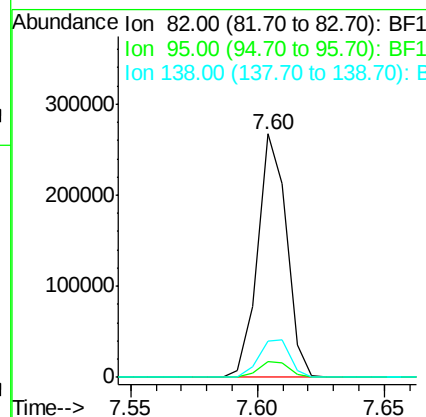
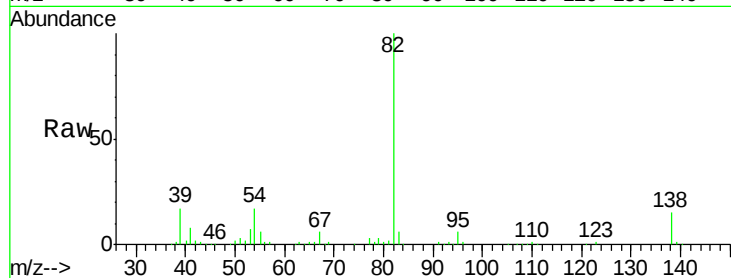
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	82	Resp:	213364
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	15.1	14.9	22.3

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#26

2-Nitrophenol

Concen: 16.746 ng

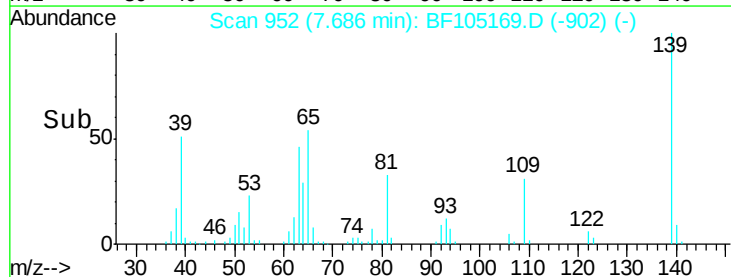
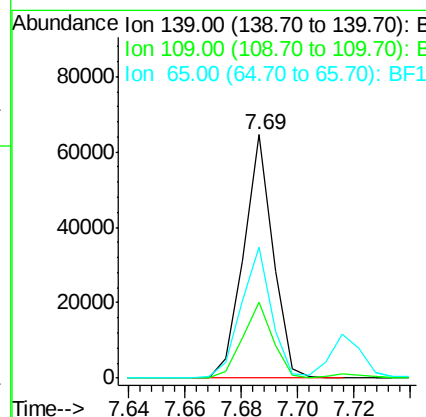
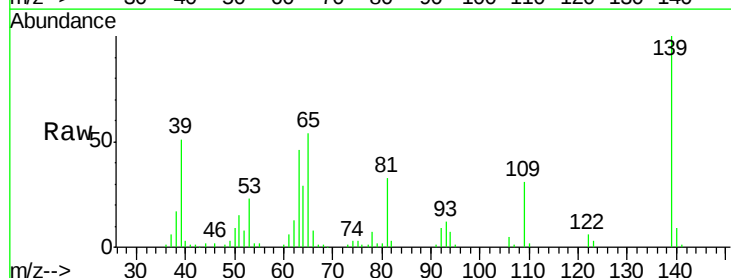
RT: 7.69 min Scan# 952

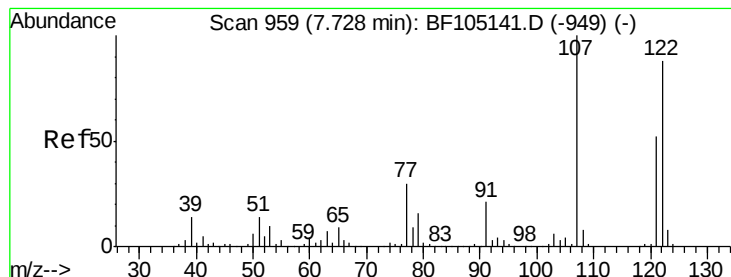
Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion:	139	Resp:	46617
Ion Ratio	Lower	Upper	
139	100		
109	31.2	22.7	34.1
65	54.0	40.5	60.7





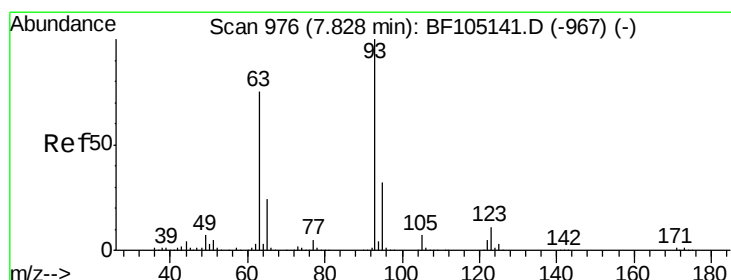
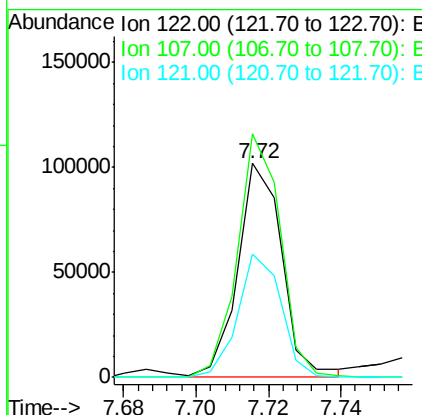
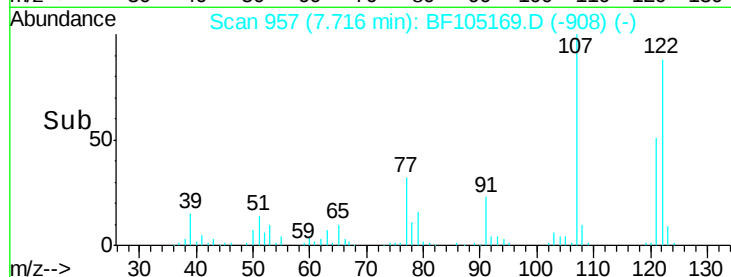
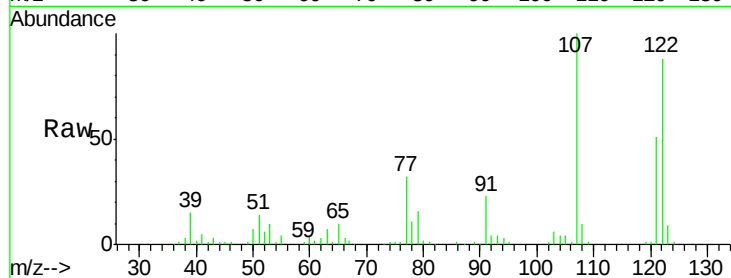
#27
 2,4-Dimethylphenol
 Concen: 7.248 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.2	136.8
121	57.6	47.2	70.8

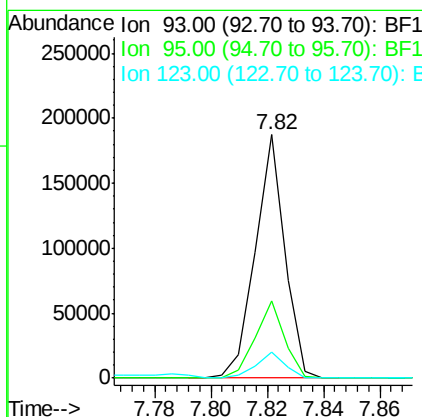
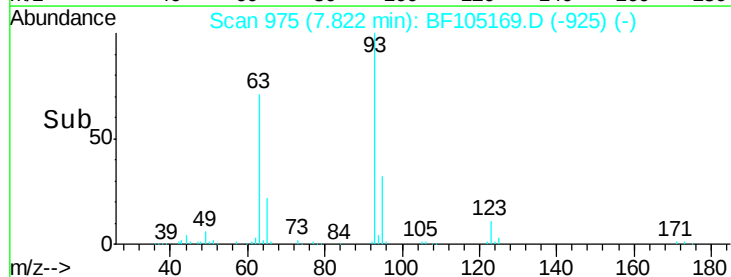
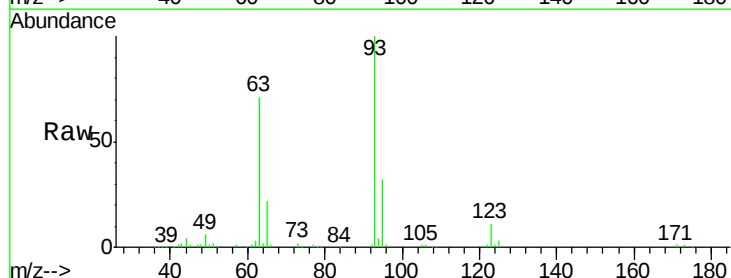
Manual Integrations
 APPROVED

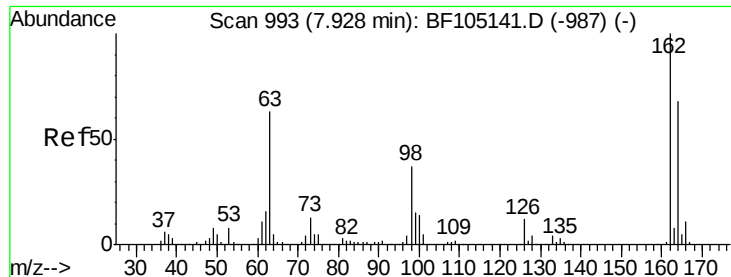
Sohil
 5/9/2018 6:51:16 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.250 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.3	39.5
123	10.9	9.8	14.6





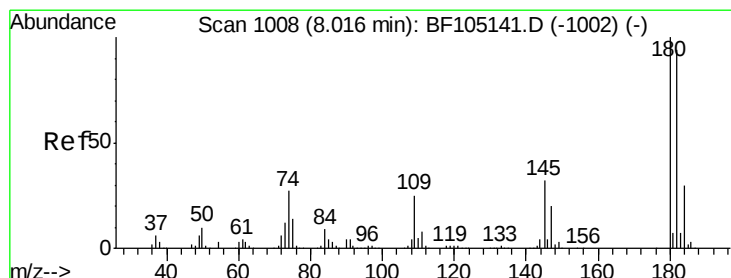
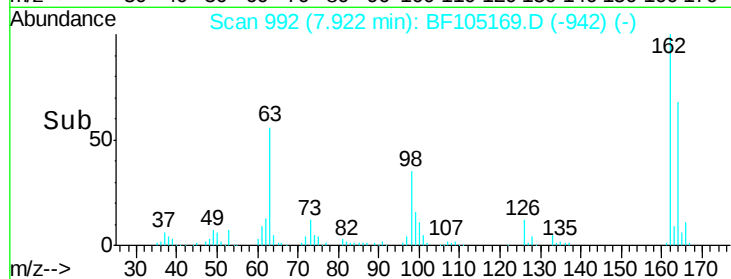
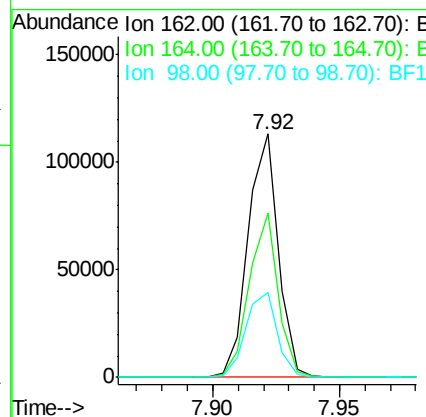
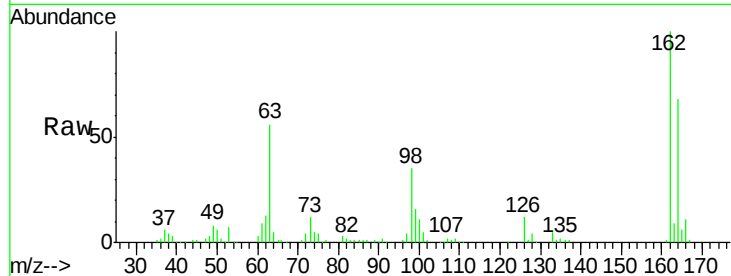
#29
2,4-Dichlorophenol
Concen: 8.424 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
162	100	93625		
164	67.6	42.7	82.7	
98	34.7	18.1	58.1	

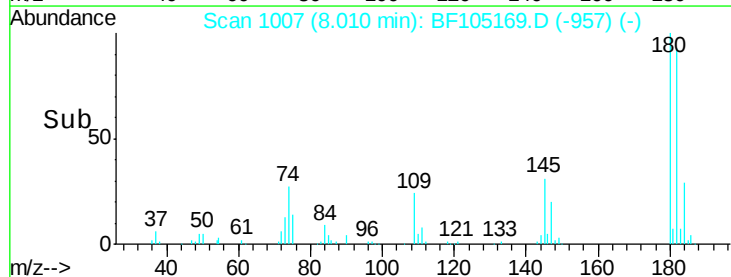
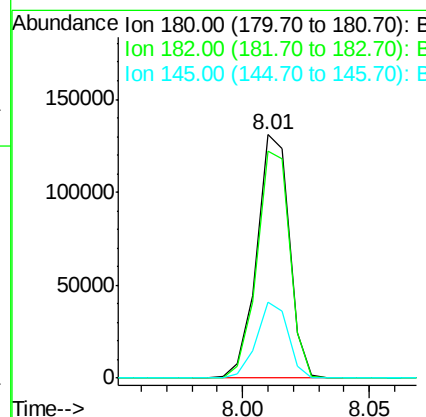
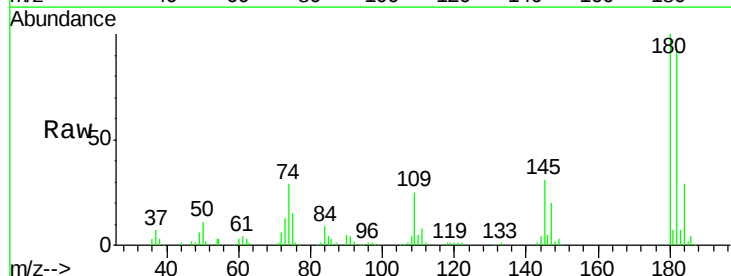
Manual Integrations
APPROVED

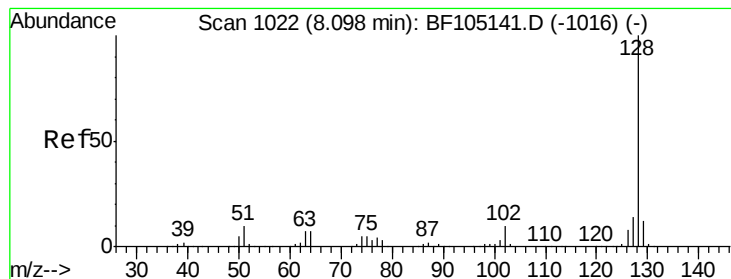
Sohil
5/9/2018 6:51:16 PM



#30
1,2,4-Trichlorobenzene
Concen: 9.168 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117503		
182	93.0	76.8	115.2	
145	31.0	26.5	39.7	





#31

Naphthalene

Concen: 9.045 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

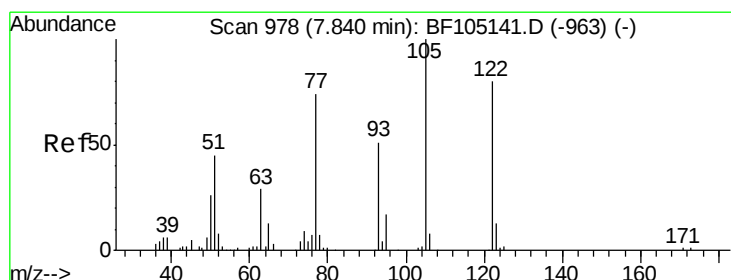
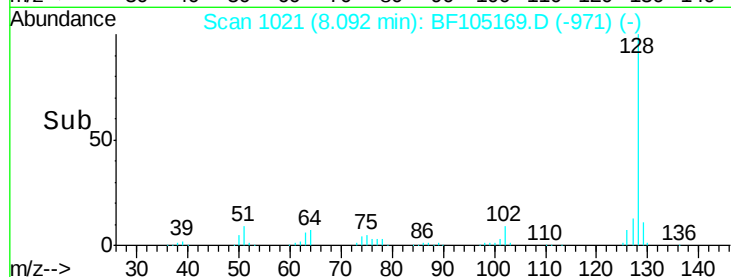
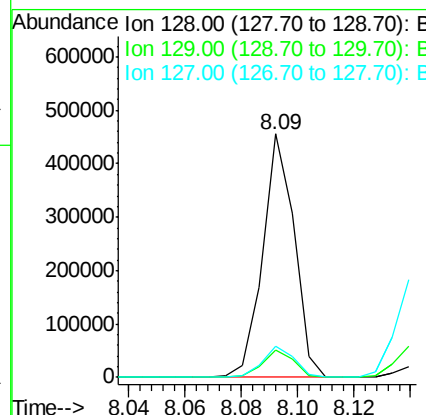
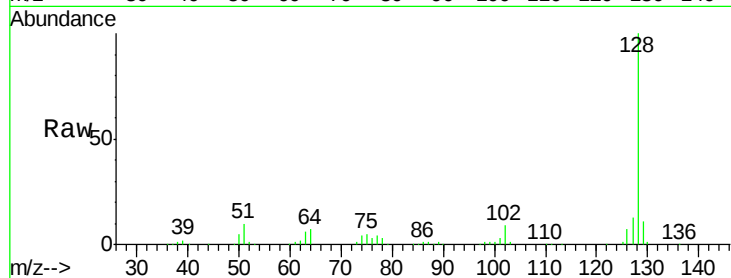
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	128	Resp:	352800
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.0	10.9	16.3

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#32

Benzoic acid

Concen: 16.529 ng

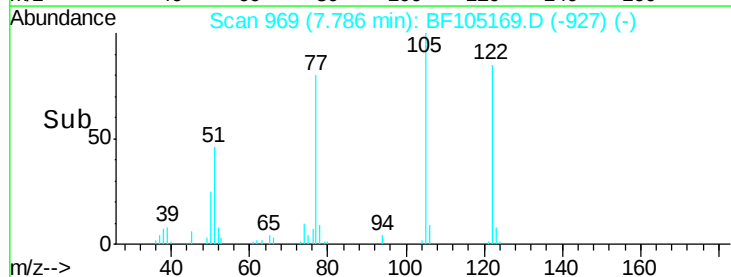
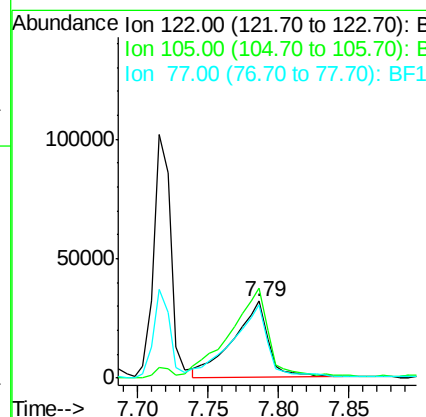
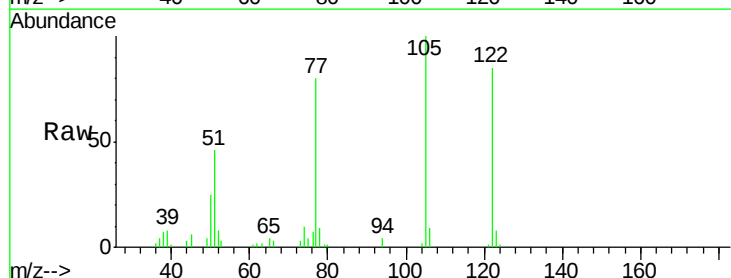
RT: 7.79 min Scan# 969

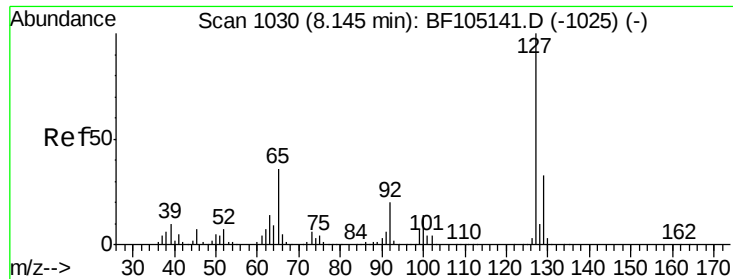
Delta R.T. -0.05 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion:	122	Resp:	54759
Ion Ratio	Lower	Upper	
122	100		
105	117.3	101.1	141.1
77	94.4	70.7	110.7





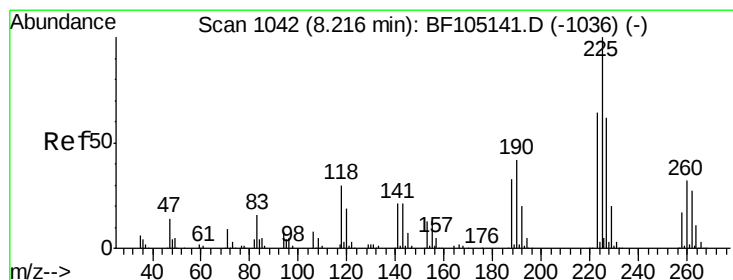
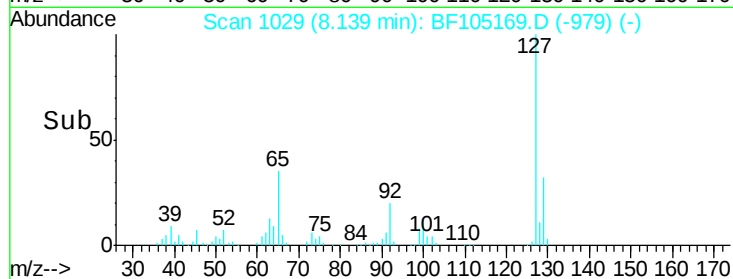
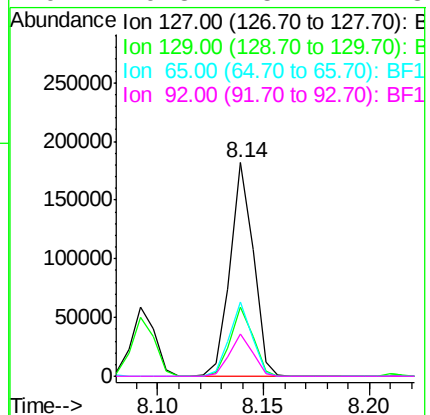
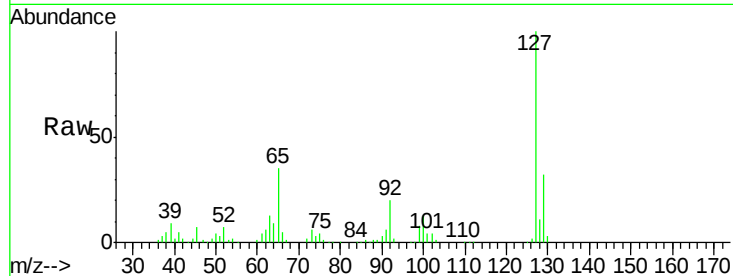
#33
4-Chloroaniline
Concen: 8.491 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.9	38.9		
65	34.9	25.0	37.4		
92	19.8	15.2	22.8		

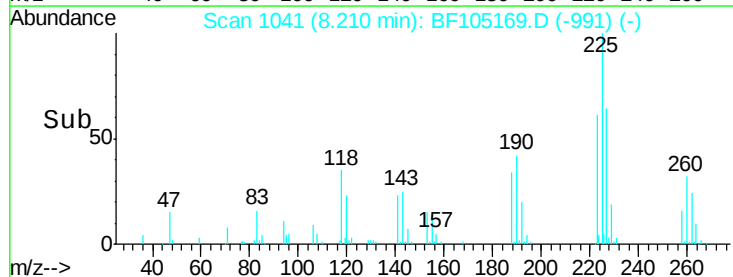
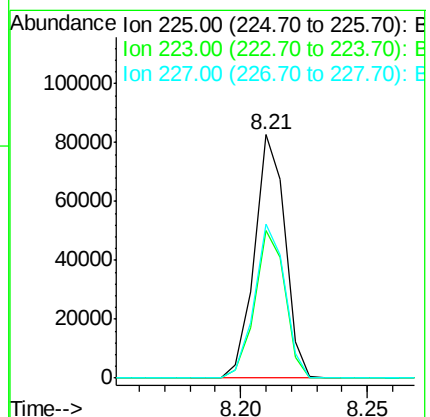
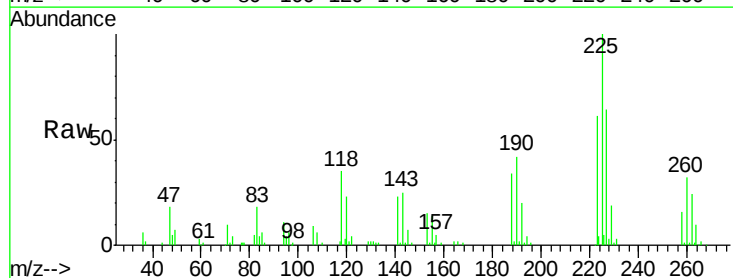
Manual Integrations
APPROVED

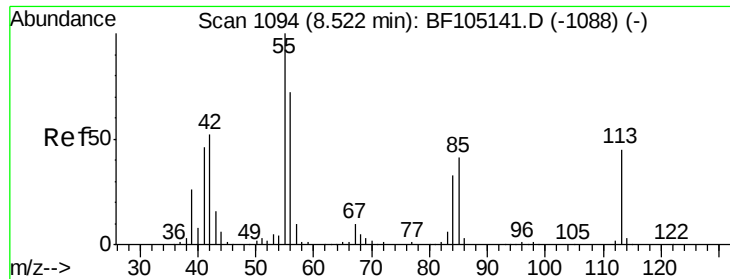
Sohil
5/9/2018 6:51:16 PM



#34
Hexachlorobutadiene
Concen: 9.367 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.6	50.6	76.0		
227	63.5	51.9	77.9		





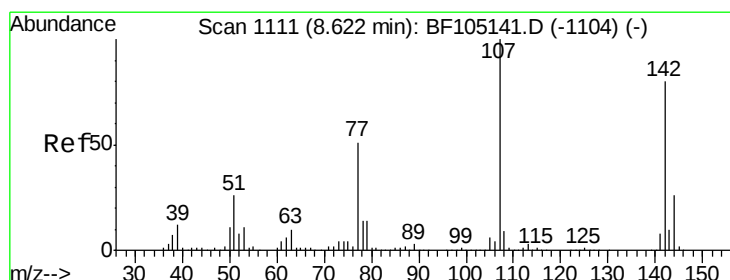
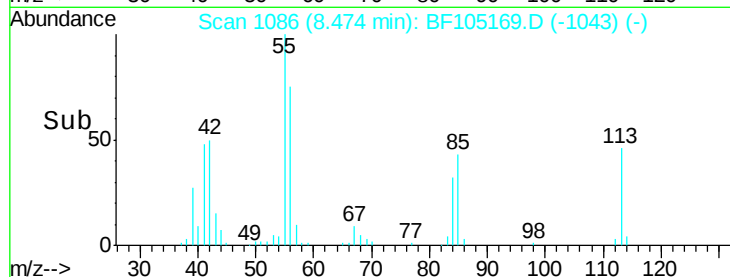
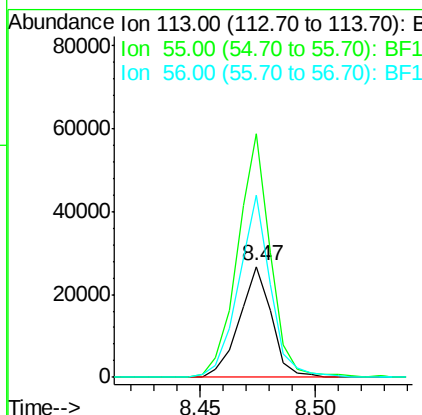
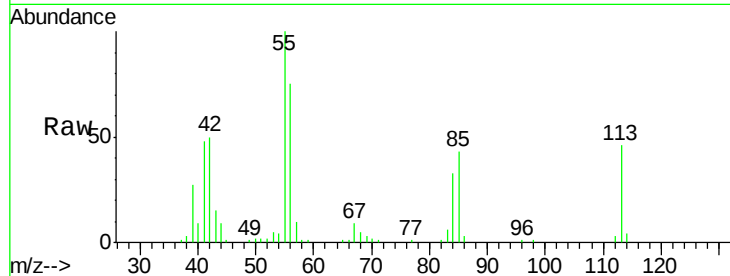
#35
 Caprolactam
 Concen: 7.721 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.05 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.5	163.3	203.3#
56	164.4	115.7	155.7#

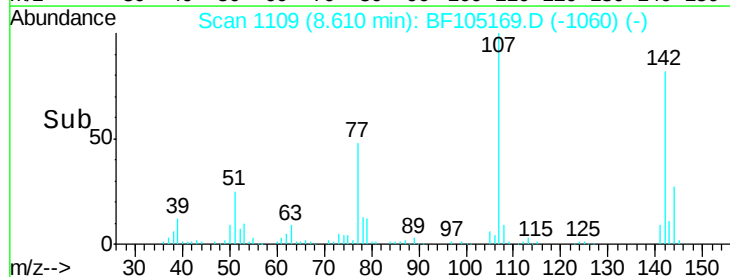
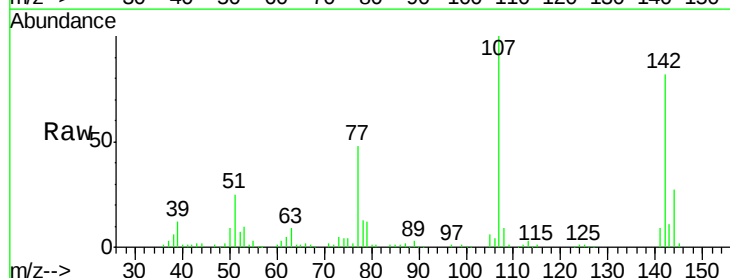
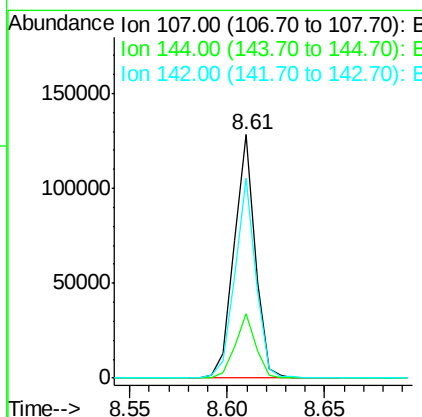
Manual Integrations
 APPROVED

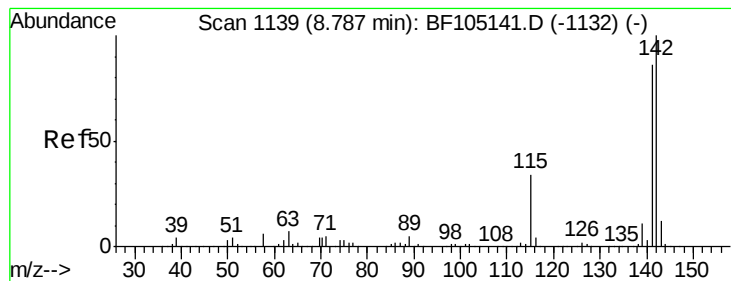
Sohil
 5/9/2018 6:51:16 PM



#36
 4-Chloro-3-methylphenol
 Concen: 8.330 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	82.2	62.0	93.0





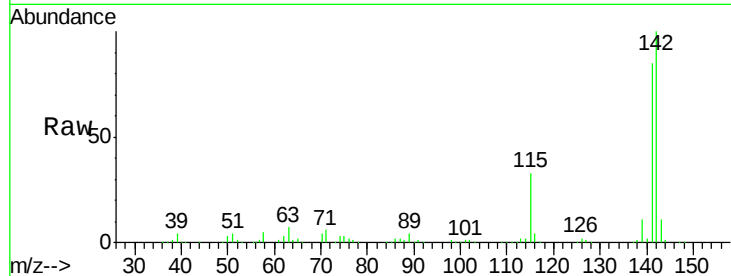
#37
2-Methylnaphthalene
Concen: 8.967 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

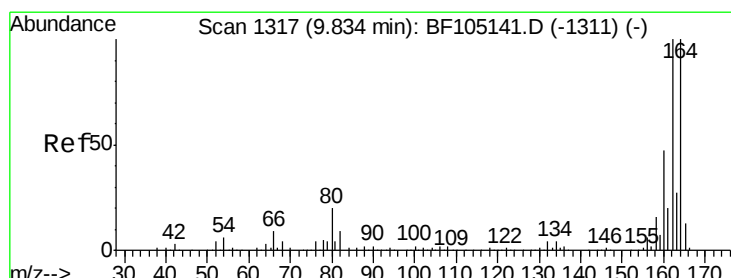
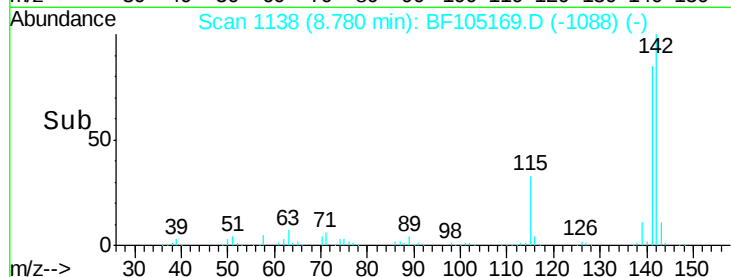
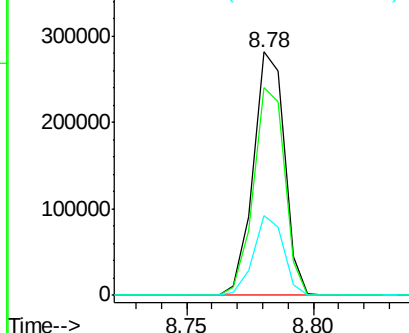
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.4	70.8	106.2
115	32.9	26.1	39.1

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM

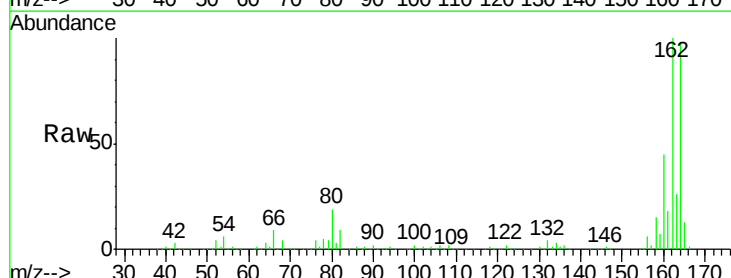


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

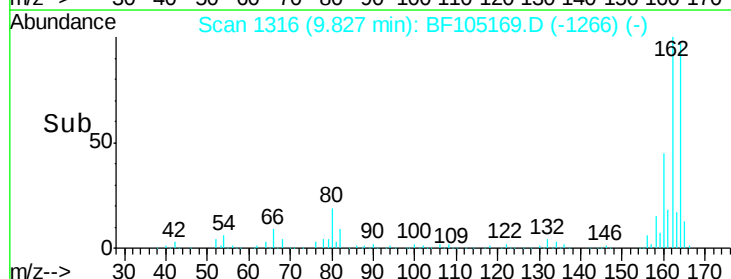
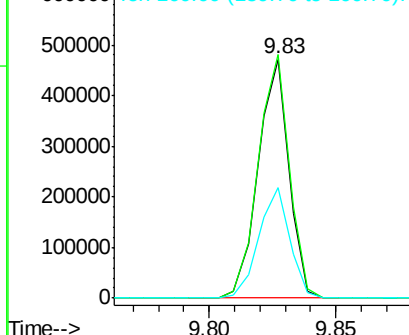


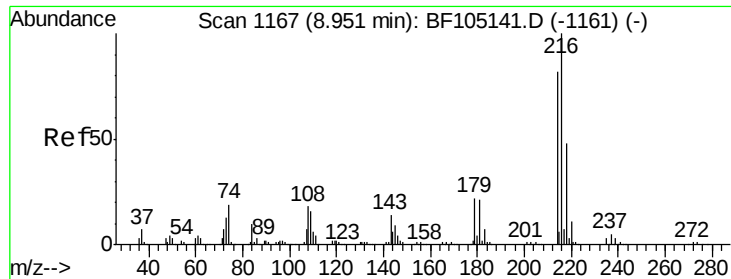
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.2	38.3	57.5



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





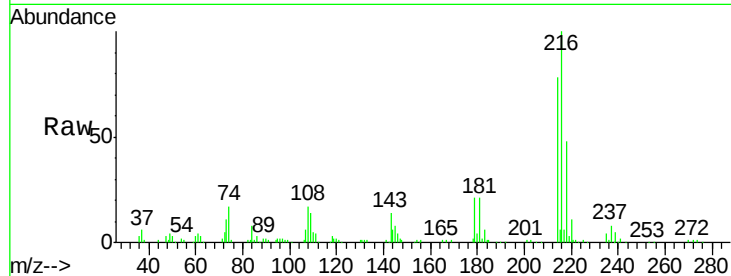
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.389 ng
 RT: 8.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

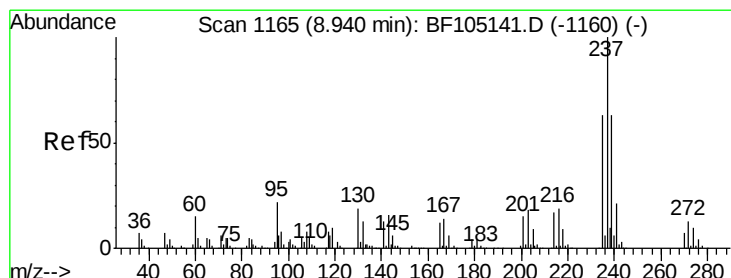
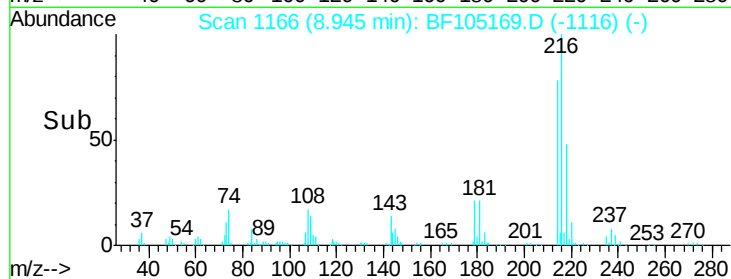
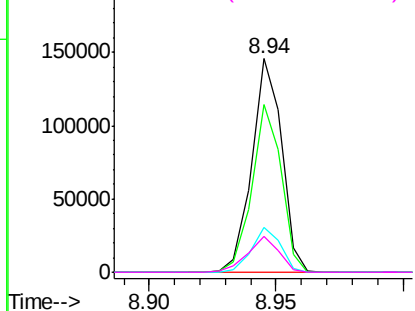
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	76.8		63.0	94.4	
179	20.6		18.1	27.1	
108	17.7		17.2	25.8	

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:16 PM

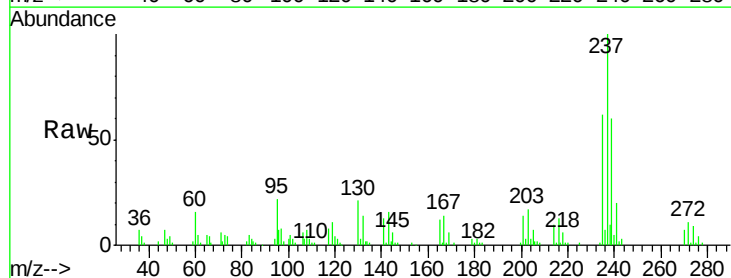


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

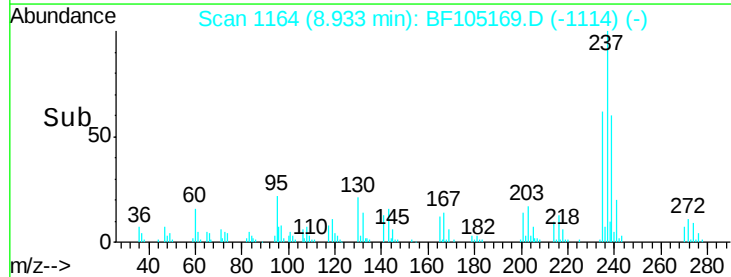
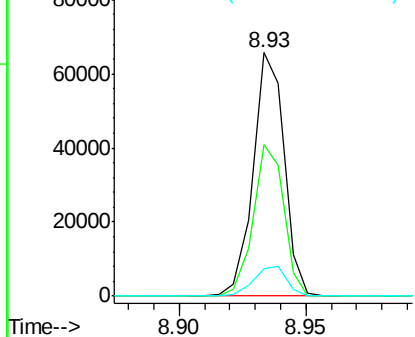


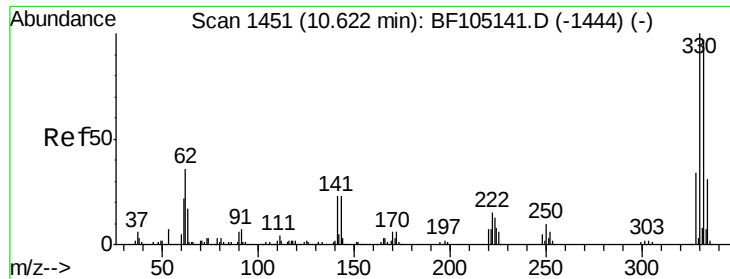
#40
 Hexachlorocyclopentadiene
 Concen: 8.152 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.0		44.8	84.8	
272	11.3		0.0	33.3	



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





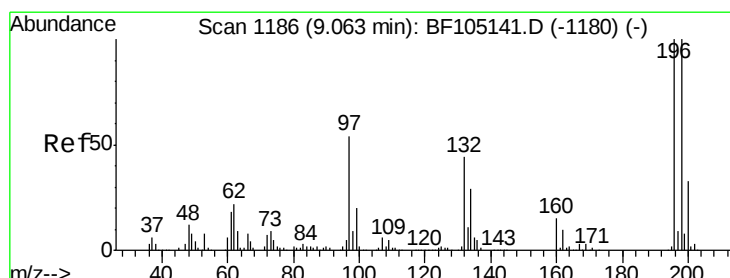
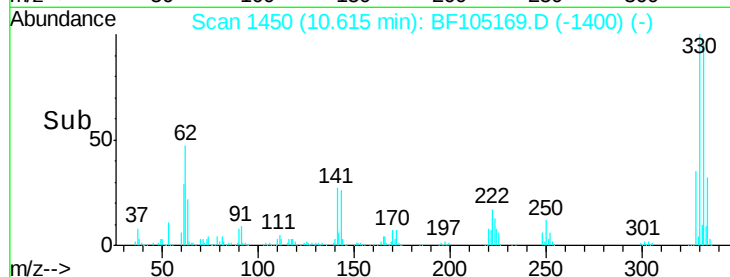
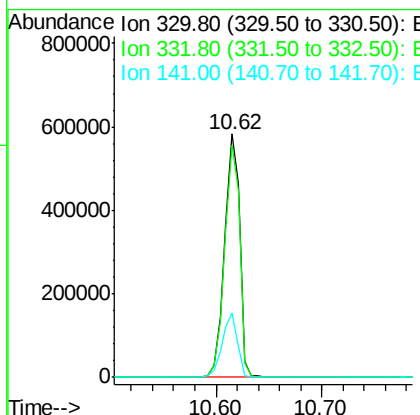
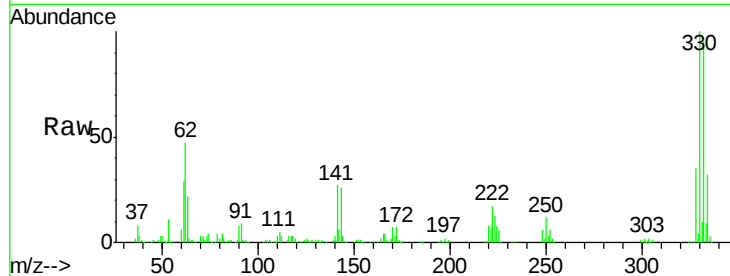
#41
 2,4,6-Tribromophenol
 Concen: 131.293 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	26.6	29.9	44.9	

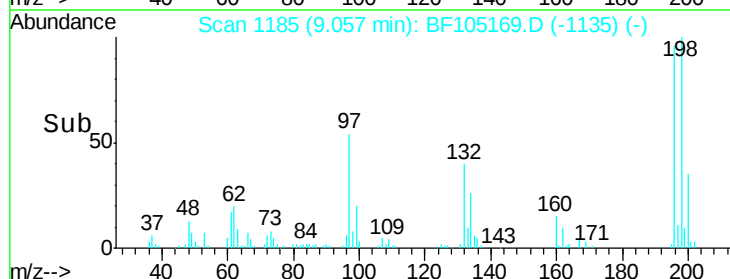
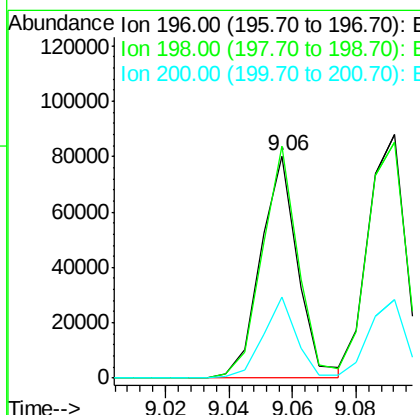
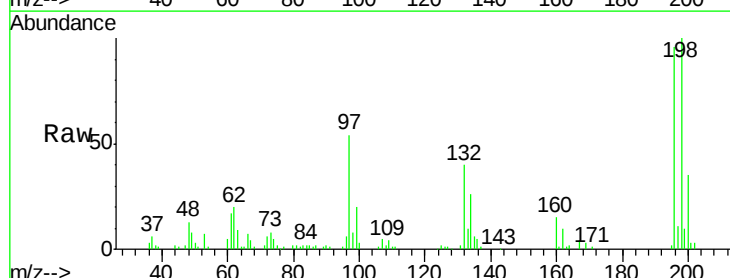
Manual Integrations
 APPROVED

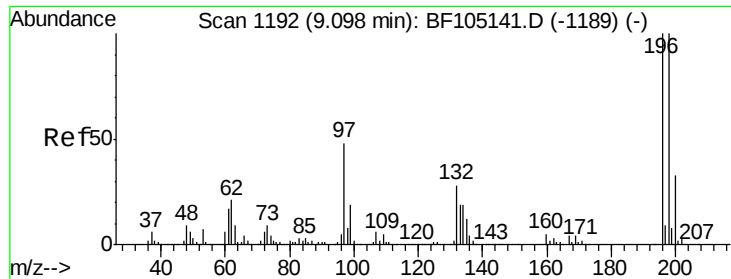
Sohil
 5/9/2018 6:51:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 8.402 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.4	75.7	113.5	
200	36.3	24.5	36.7	





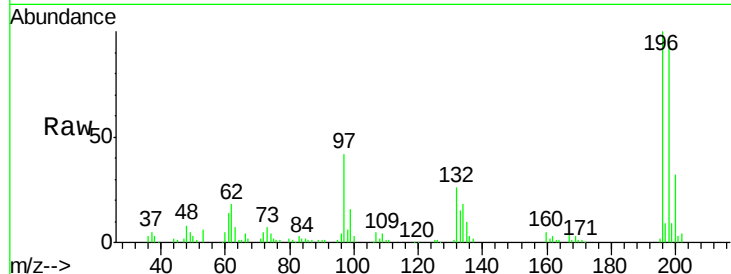
#43
2,4,5-Trichlorophenol
Concen: 9.050 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
196	100	73550		
198	97.0		74.6	112.0
97	42.3		42.9	64.3#
132	26.5		26.3	39.5

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



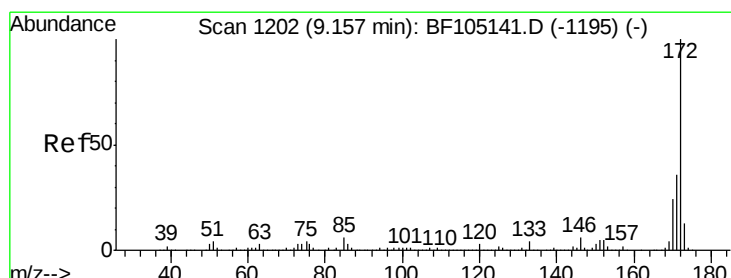
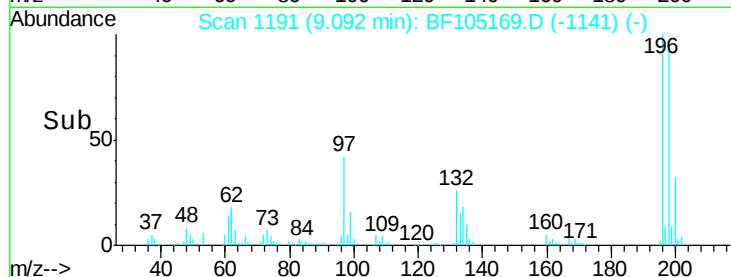
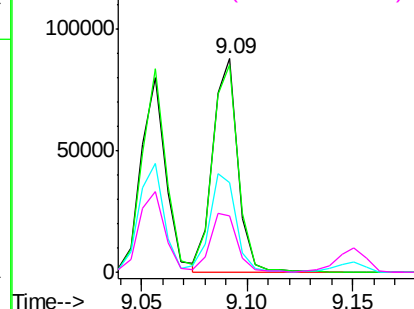
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 78.025 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

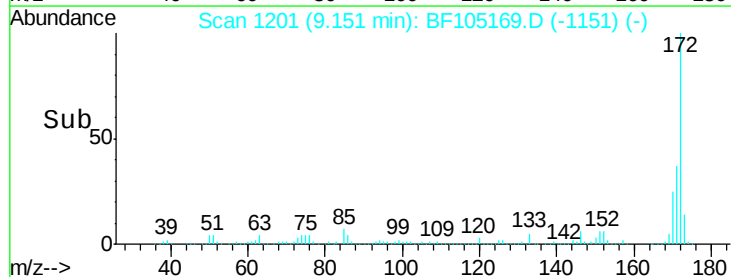
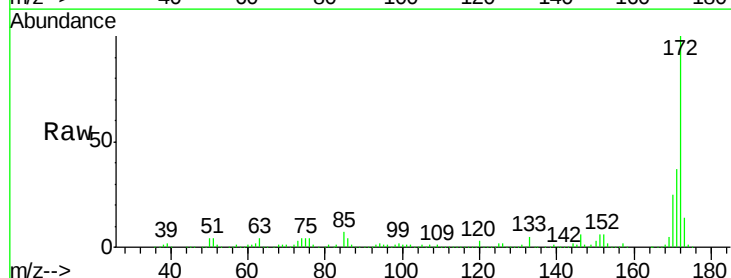
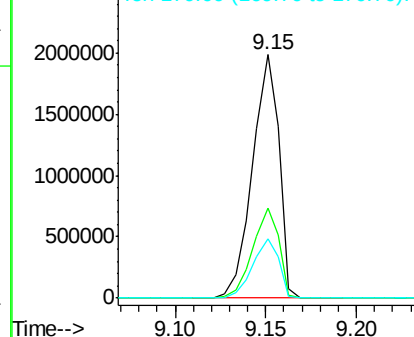
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2014020		
171	36.8		29.7	44.5
170	24.5		19.6	29.4

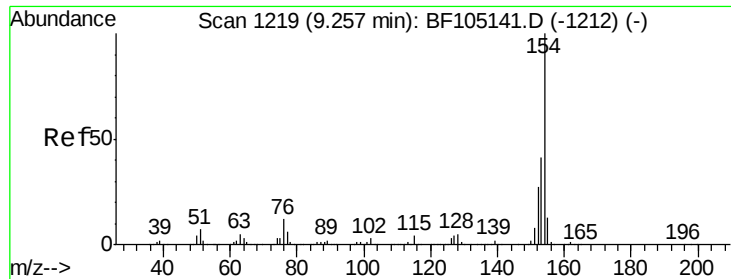
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





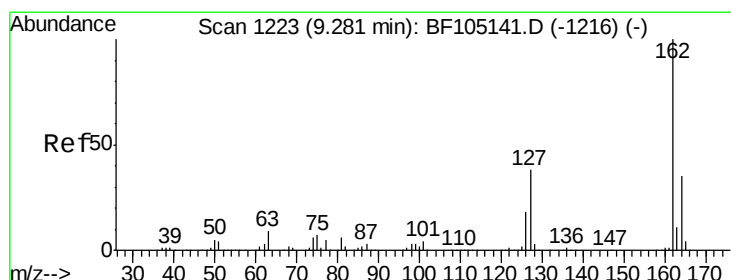
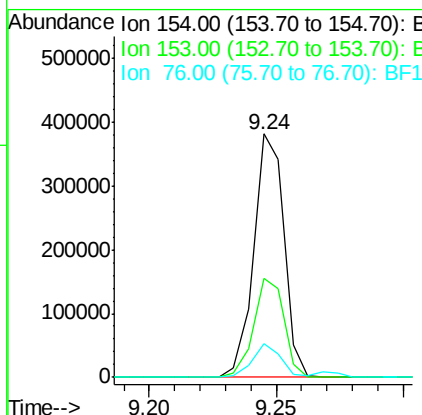
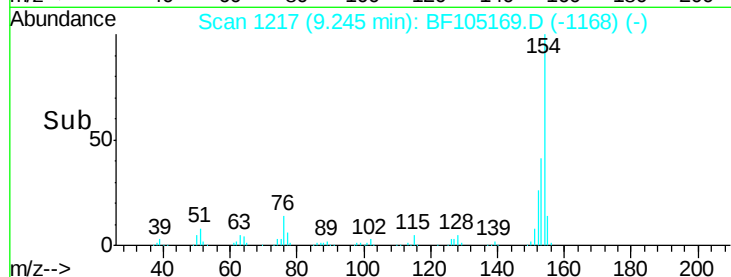
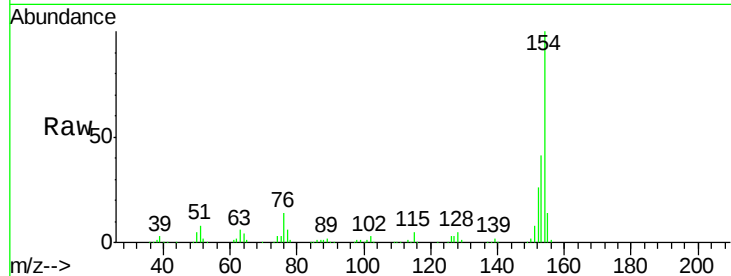
#45
1,1'-Biphenyl
Concen: 9.723 ng
RT: 9.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:	154	Resp:	317380
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	13.7	0.0	34.0

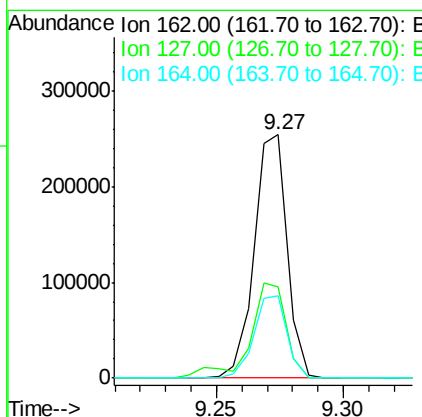
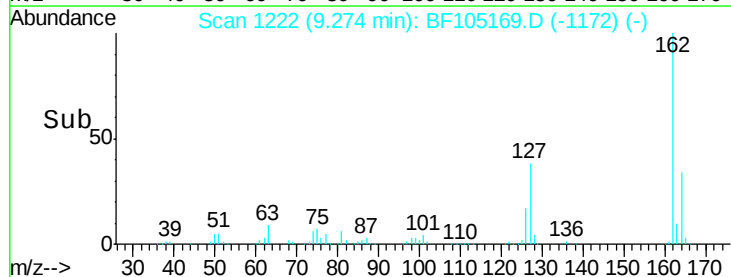
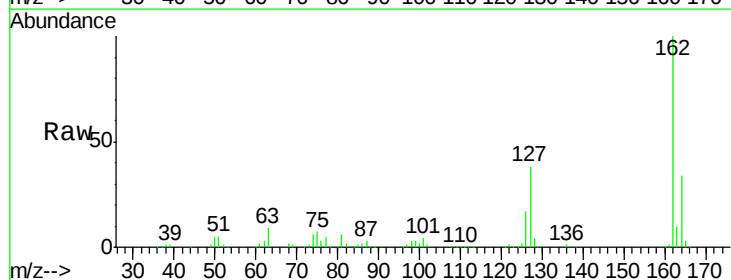
Manual Integrations
APPROVED

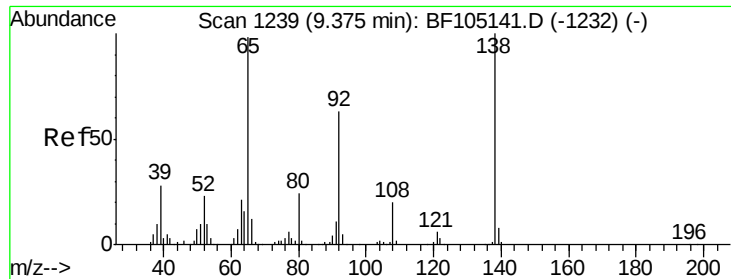
Sohil
5/9/2018 6:51:16 PM



#46
2-Chloronaphthalene
Concen: 9.421 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion:	162	Resp:	229842
Ion Ratio	Lower	Upper	
162	100		
127	37.5	33.9	50.9
164	34.1	26.5	39.7





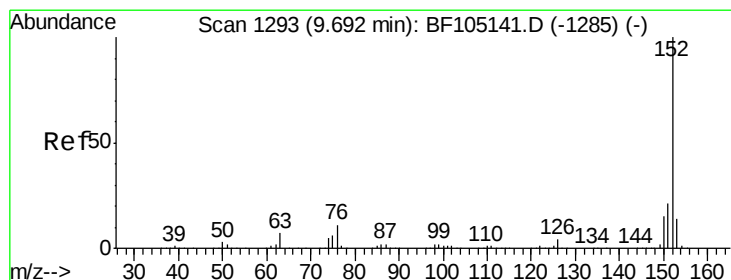
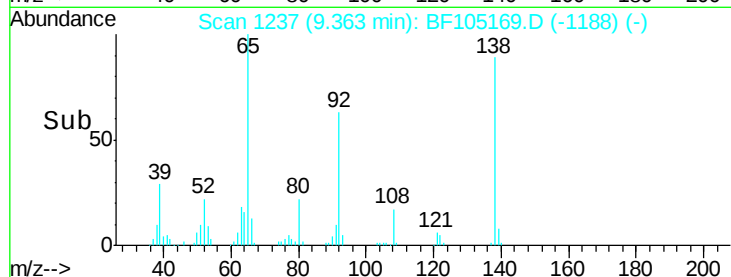
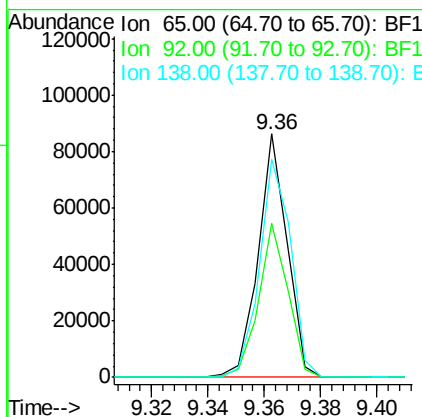
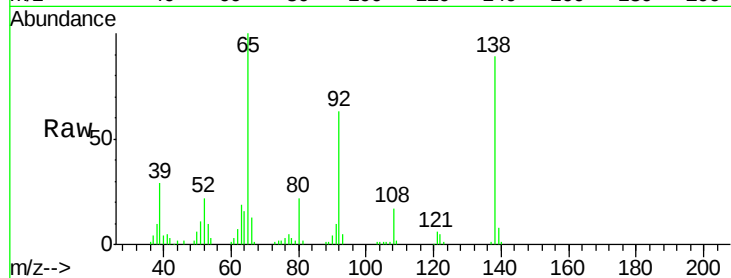
#47
2-Nitroaniline
Concen: 13.460 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	55.8	83.6
138	89.4	91.2	136.8

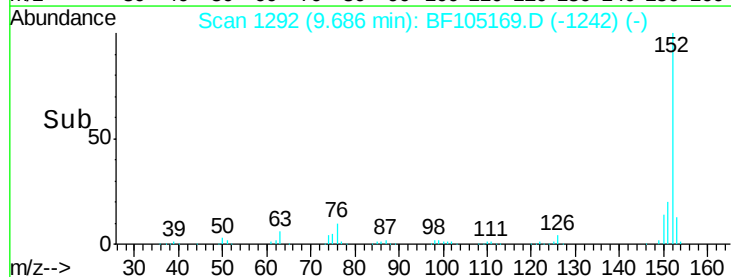
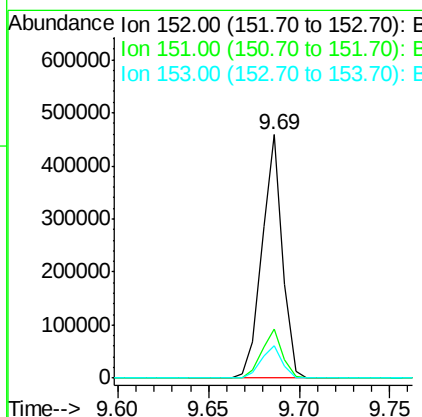
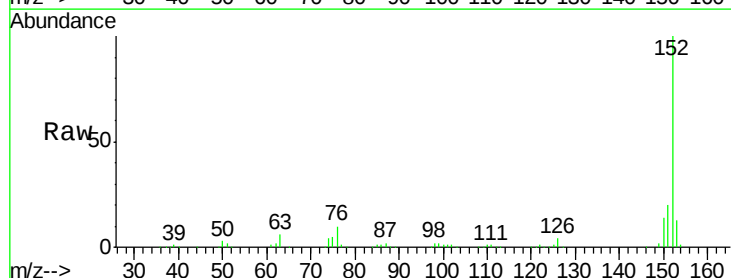
Manual Integrations
APPROVED

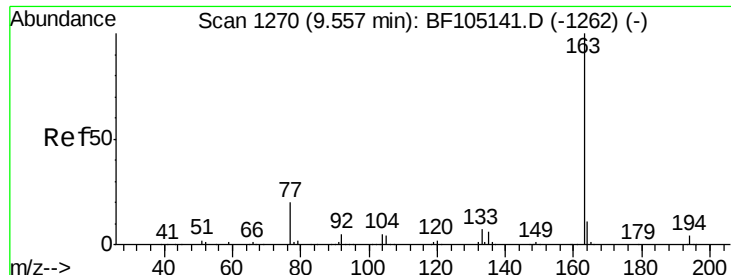
Sohil
5/9/2018 6:51:16 PM



#48
Acenaphthylene
Concen: 9.516 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.7	16.1





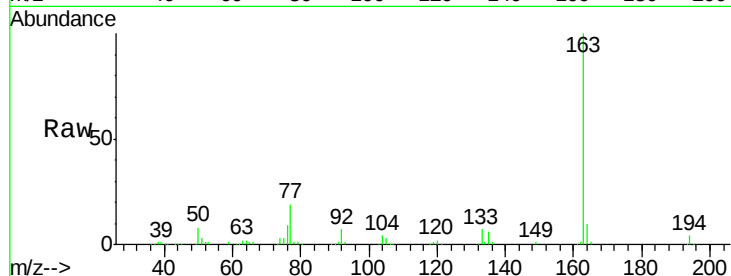
#49
Dimethylphthalate
Concen: 9.658 ng
RT: 9.54 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

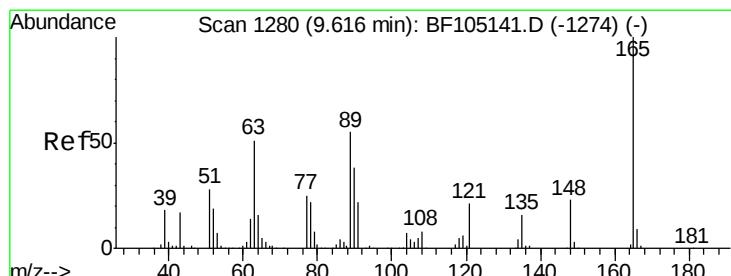
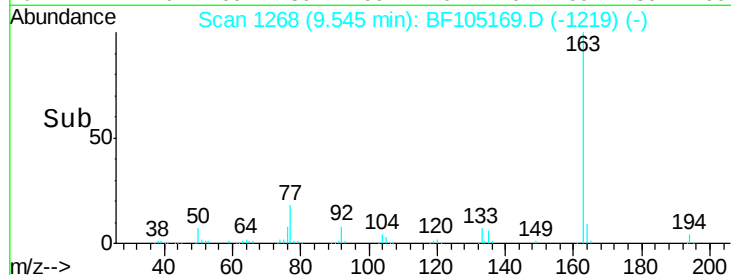
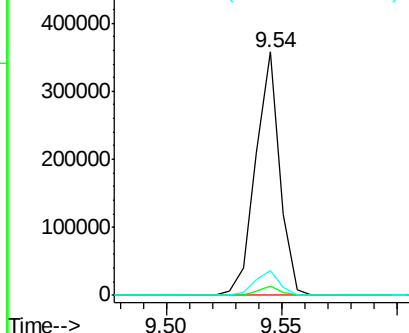
Tot Ion	Ratio	Resp	Lower	Upper
163	100	261960		
194	3.7		2.7	4.1
164	10.3		8.2	12.2

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM

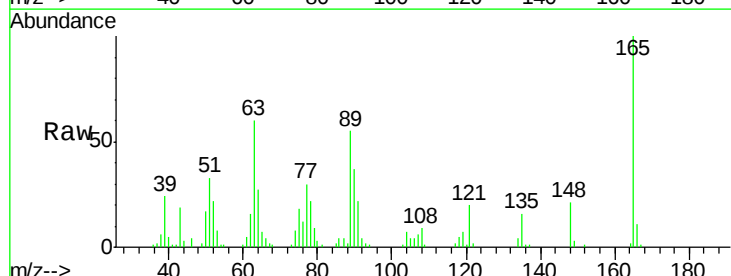


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

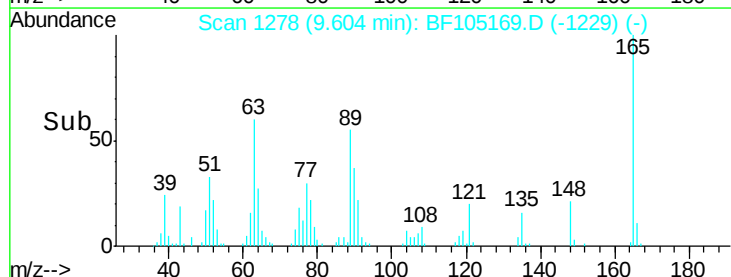
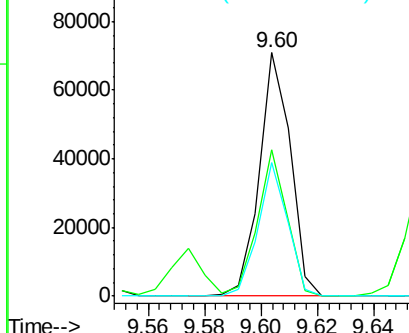


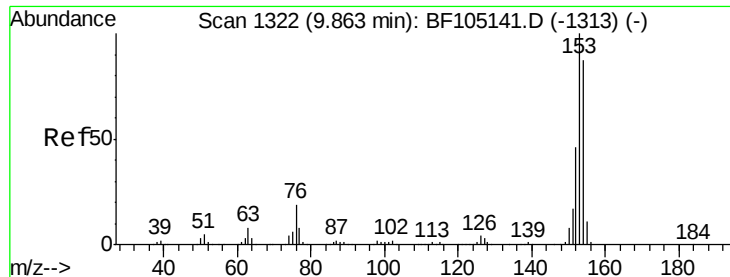
#50
2,6-Dinitrotoluene
Concen: 9.189 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54080		
63	60.0		44.7	67.1
89	54.7		44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 9.530 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

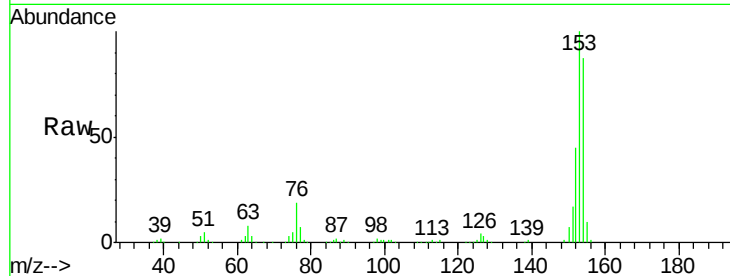
ClientSampleId :

MDL-WATER-03-QT2-2018

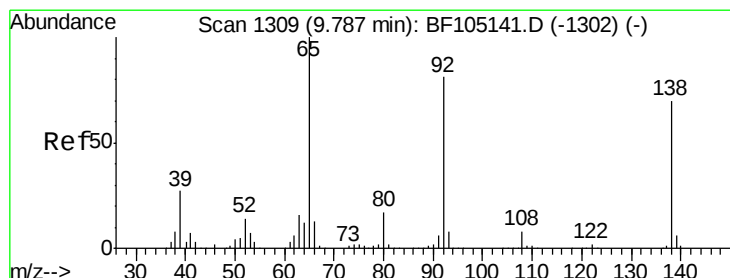
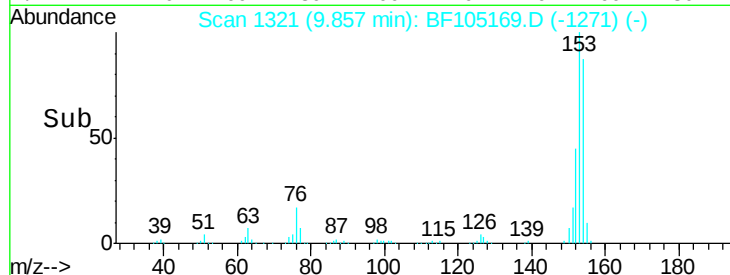
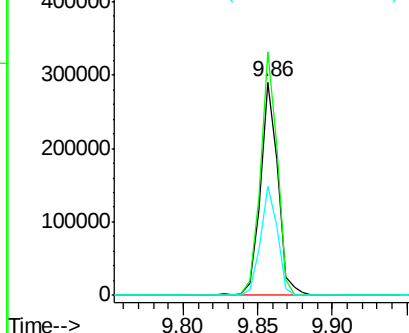
Tot Ion:	154	Resp:	231414
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	51.3	43.8	65.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



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



#52

3-Nitroaniline

Concen: 9.132 ng

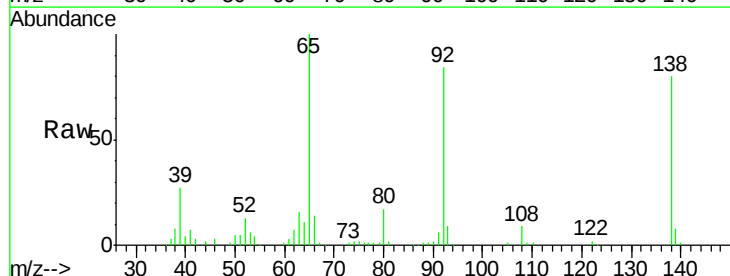
RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

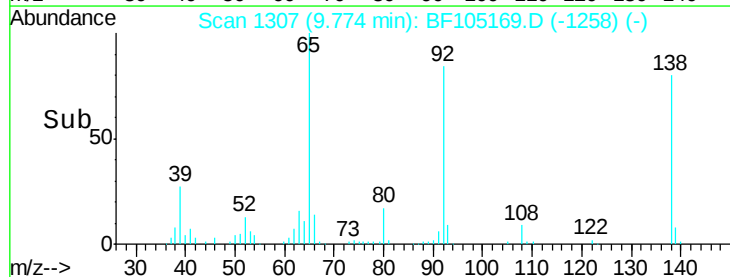
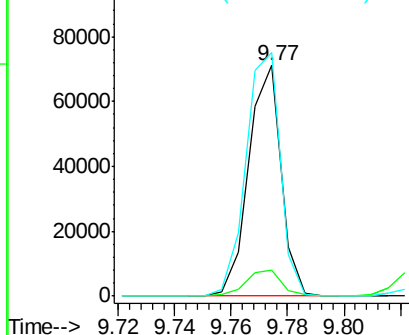
Lab File: BF105169.D

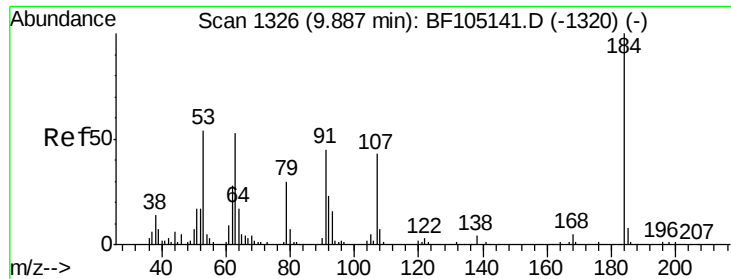
Acq: 9 May 2018 2:31

Tgt Ion:	138	Resp:	56610
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.4	14.0
92	105.7	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





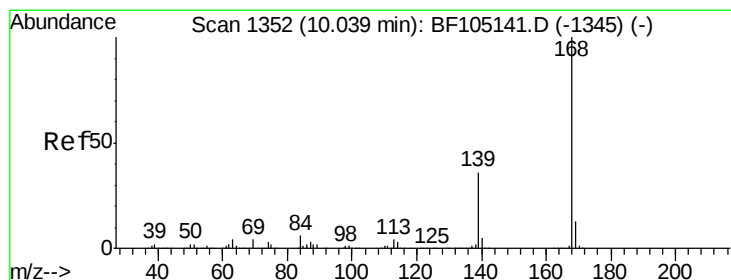
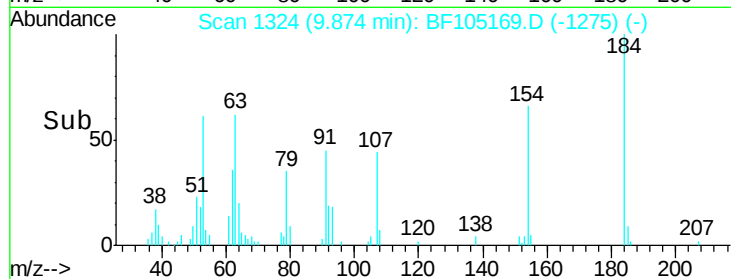
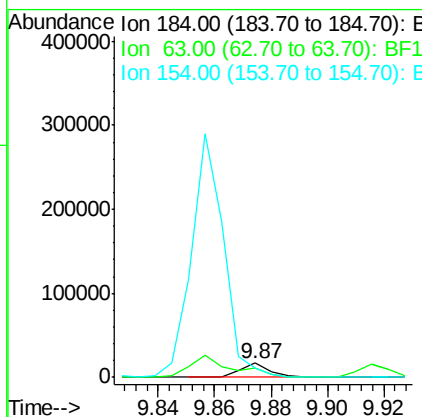
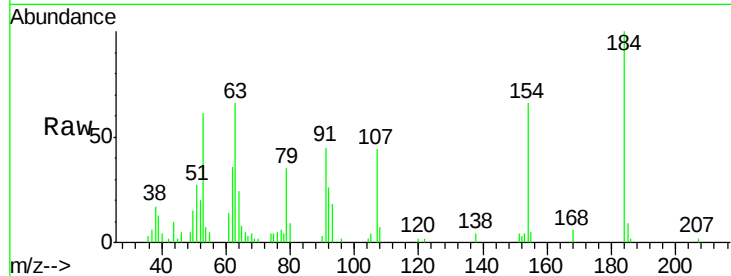
#53
 2,4-Dinitrophenol
 Concen: 16.794 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.4	54.2	81.2
154	66.2	184.0	276.0#

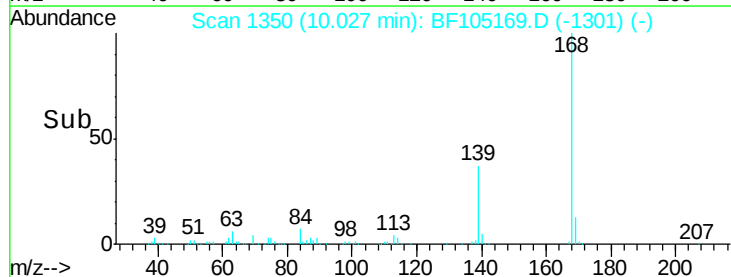
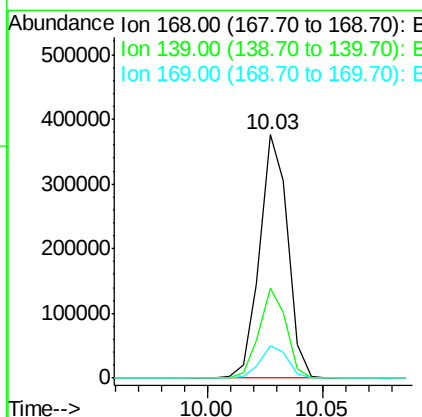
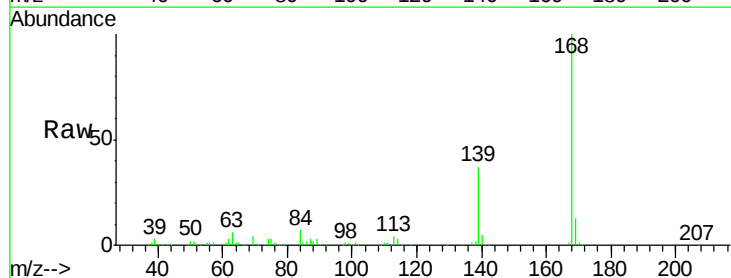
Manual Integrations
 APPROVED

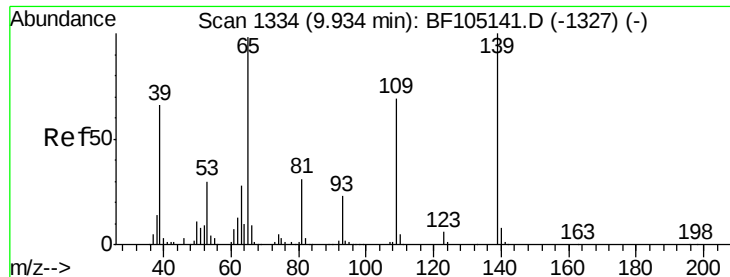
Sohil
 5/9/2018 6:51:16 PM



#54
 Dibenzofuran
 Concen: 8.991 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.1	10.9	16.3





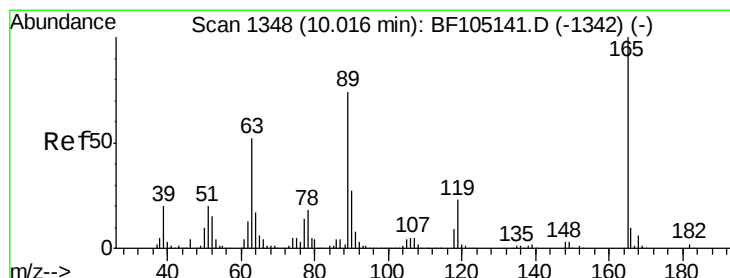
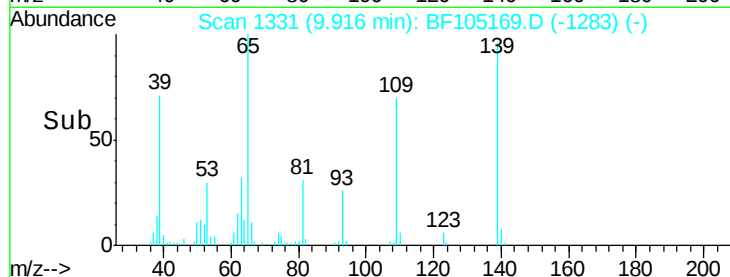
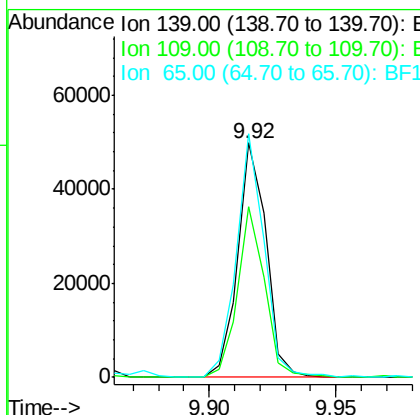
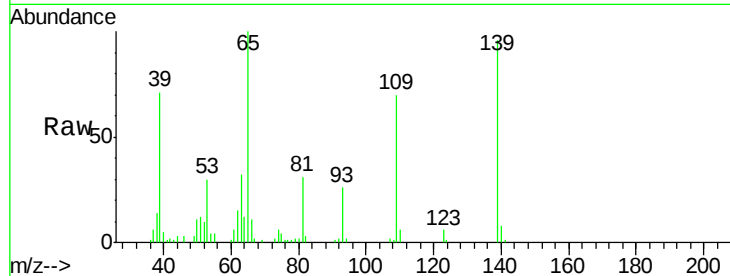
#55
4-Nitrophenol
Concen: 10.865 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.7	48.4	88.4	
65	103.9	72.6	112.6	

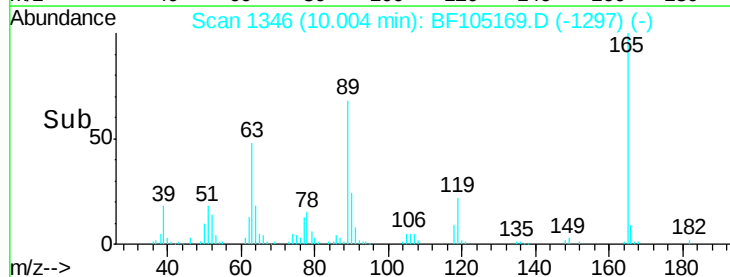
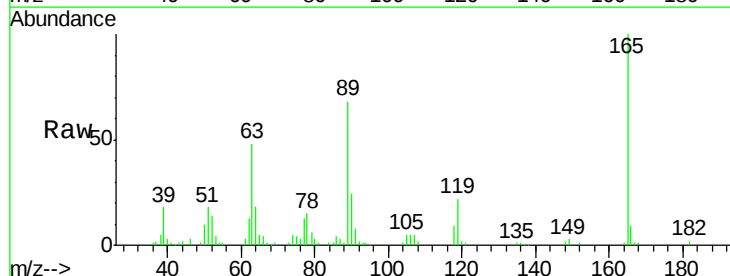
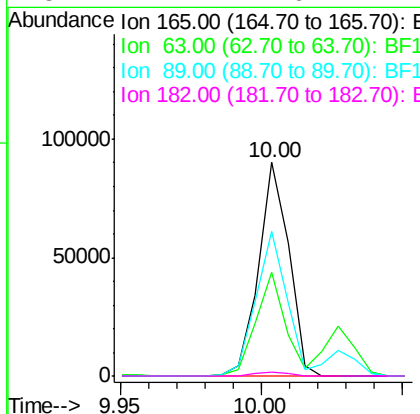
Manual Integrations
APPROVED

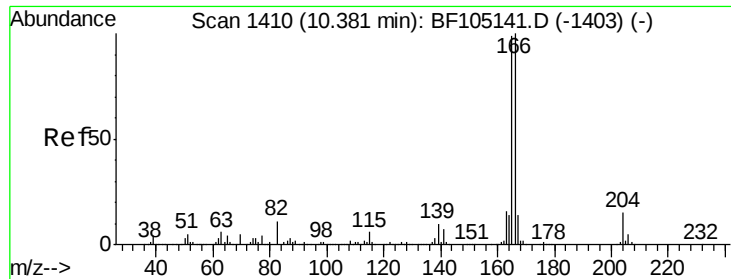
Sohil
5/9/2018 6:51:16 PM



#56
2,4-Dinitrotoluene
Concen: 11.522 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.5	36.4	54.6	
89	68.0	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 9.593 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

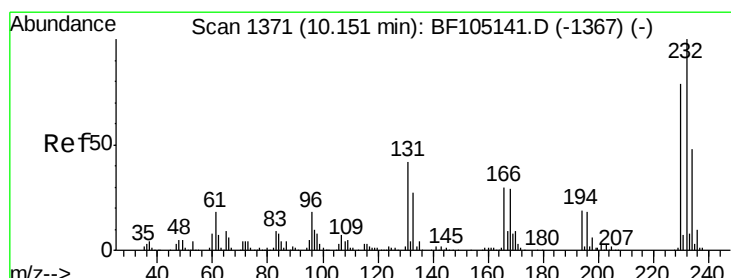
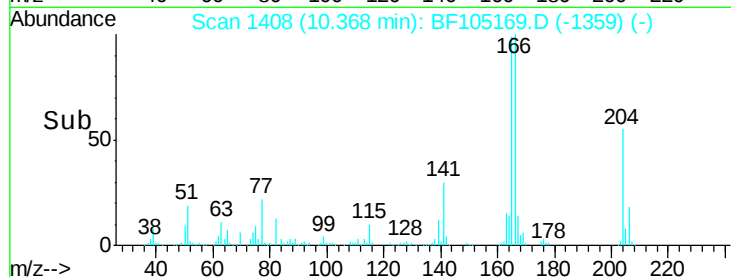
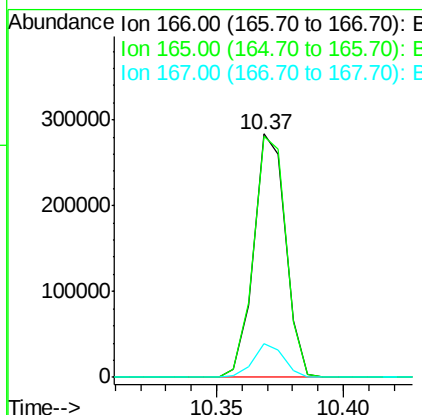
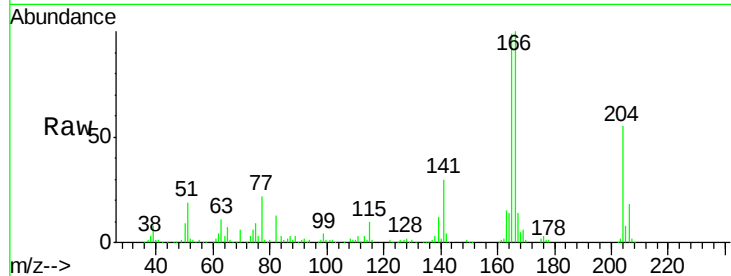
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	166	Resp:	249911
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.8	119.8
167	13.8	10.6	16.0

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.134 ng

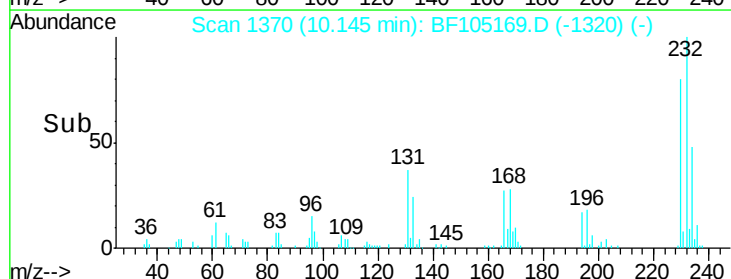
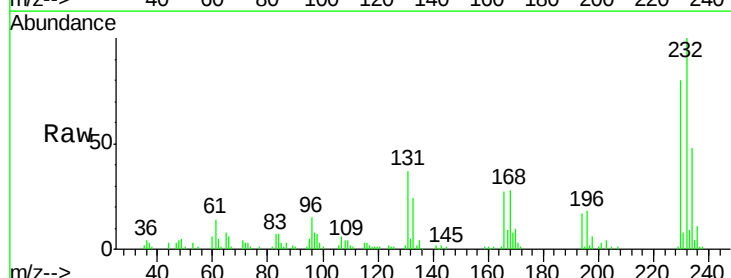
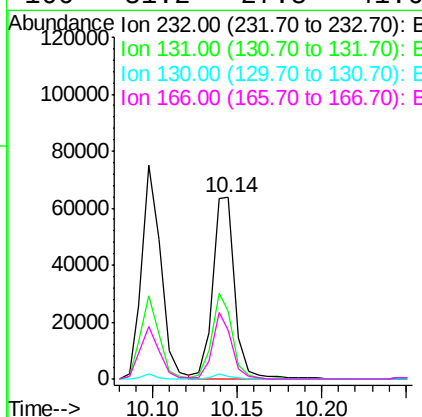
RT: 10.14 min Scan# 1370

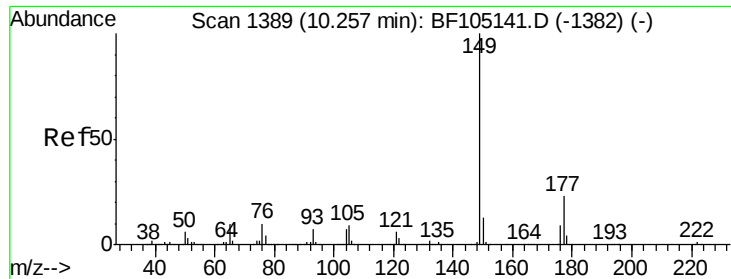
Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion:	232	Resp:	59013
Ion Ratio	Lower	Upper	
232	100		
131	43.1	43.8	65.8#
130	2.2	2.1	3.1
166	31.2	27.8	41.6





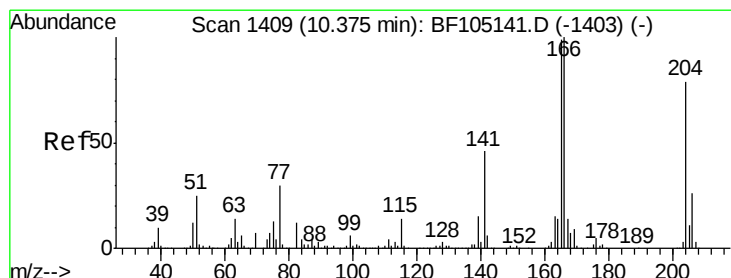
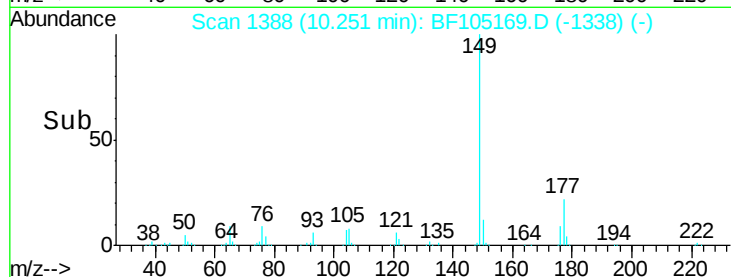
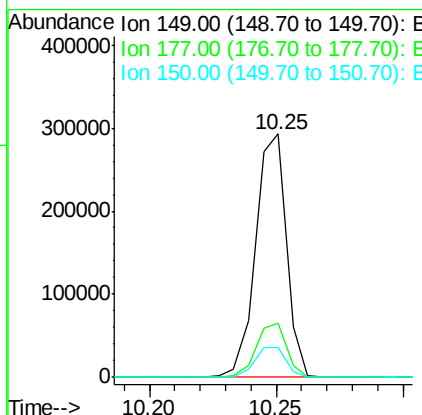
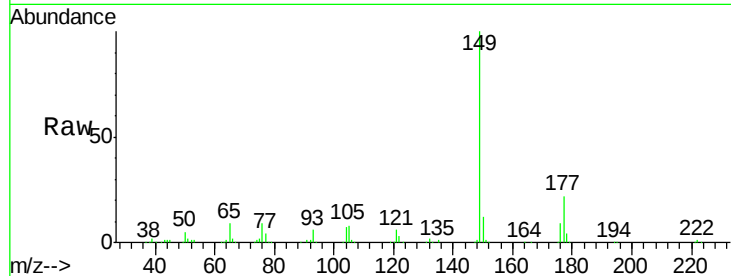
#59
Diethylphthalate
Concen: 9.361 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.0	10.1	15.1

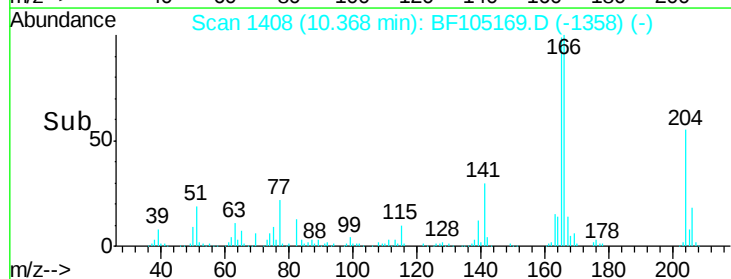
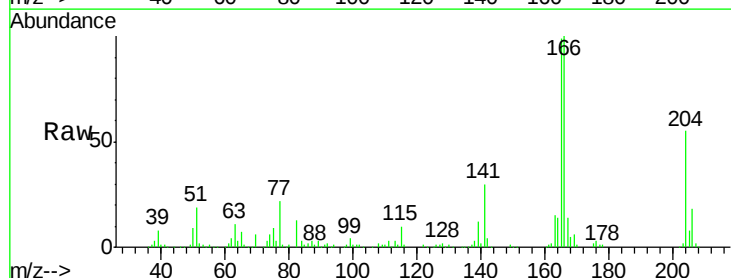
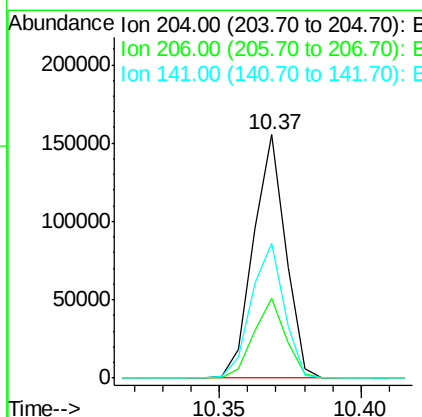
Manual Integrations
APPROVED

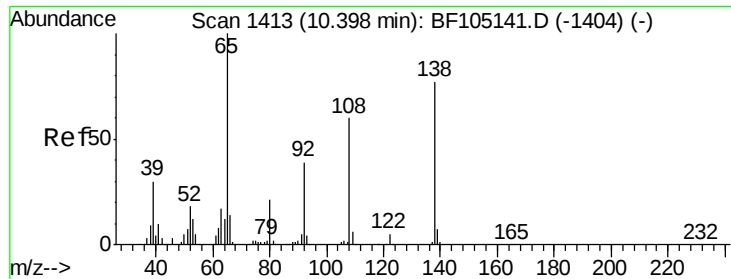
Sohil
5/9/2018 6:51:16 PM



#60
4-Chlorophenyl-phenylether
Concen: 10.108 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	55.5	54.6	81.8





#61

4-Nitroaniline

Concen: 8.472 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

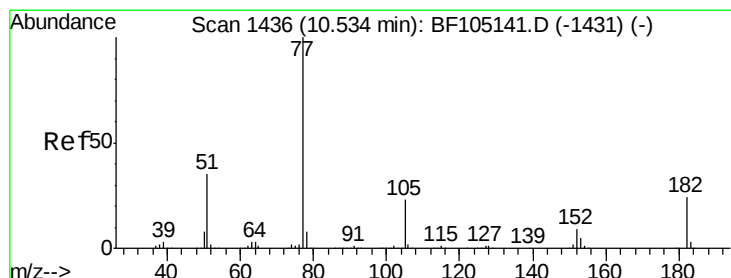
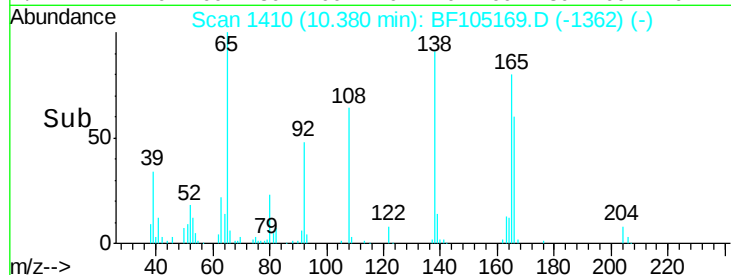
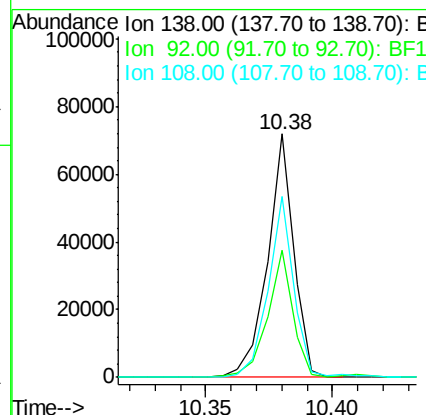
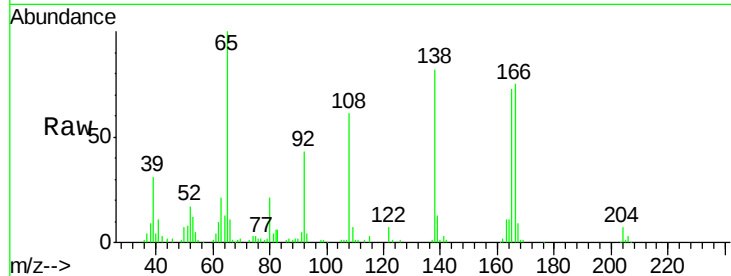
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	138	Resp:	52257
Ion Ratio	Lower	Upper	
138	100		
92	52.4	30.2	70.2
108	74.2	52.5	92.5

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#62

Azobenzene

Concen: 8.777 ng

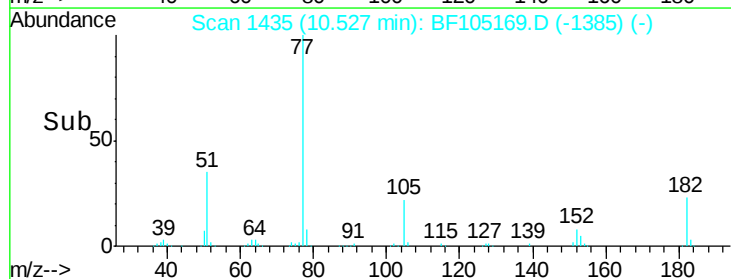
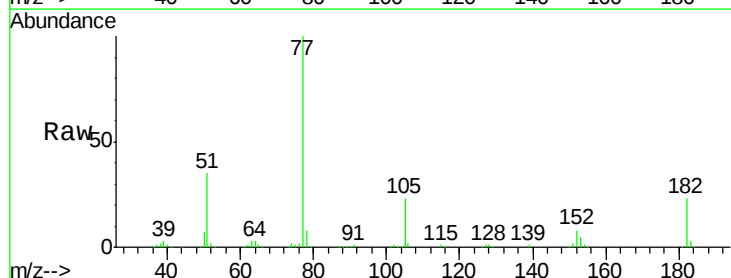
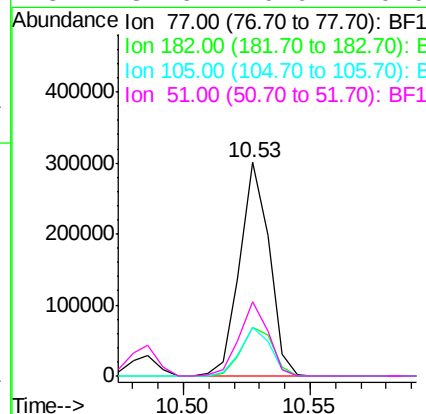
RT: 10.53 min Scan# 1435

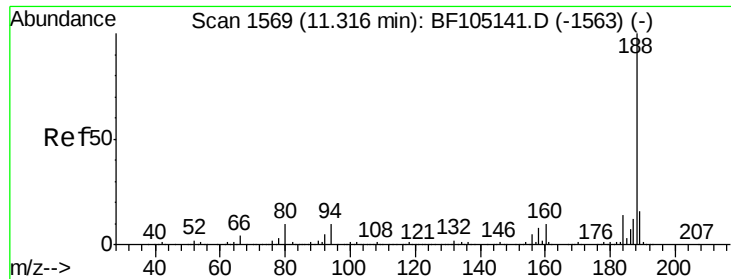
Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion:	77	Resp:	244060
Ion Ratio	Lower	Upper	
77	100		
182	23.0	1.7	41.7
105	22.7	3.0	43.0
51	34.6	9.9	49.9





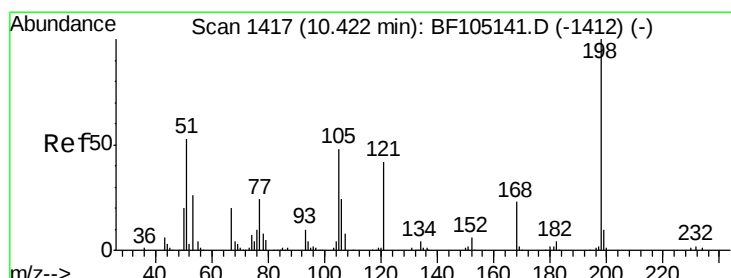
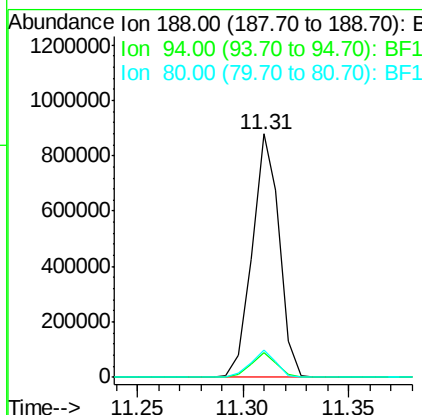
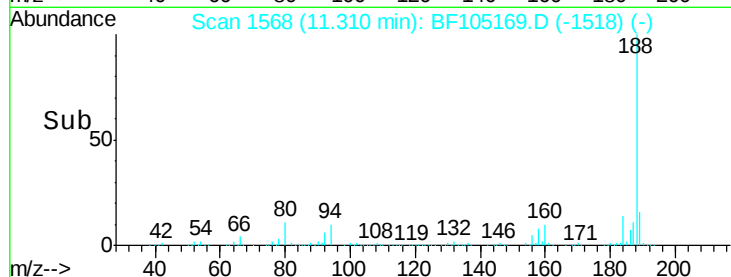
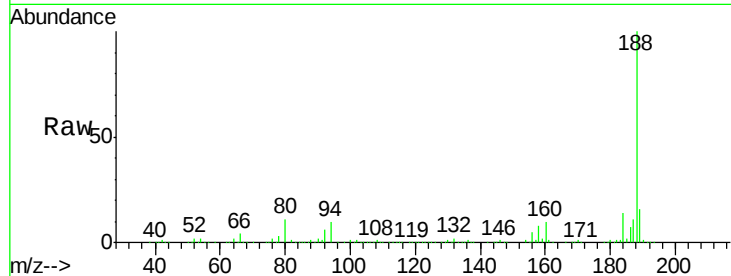
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
188	100	779463		
94	10.0	8.5	12.7	
80	11.2	9.2	13.8	

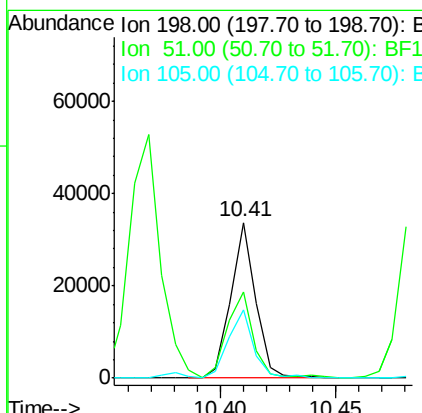
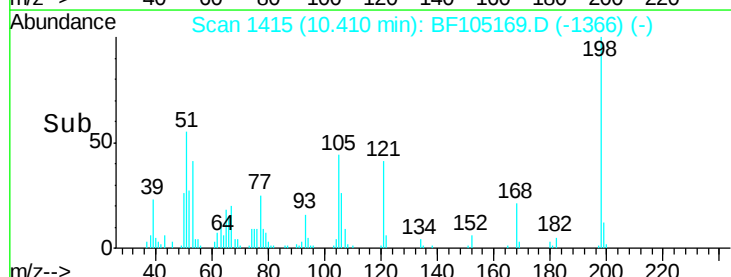
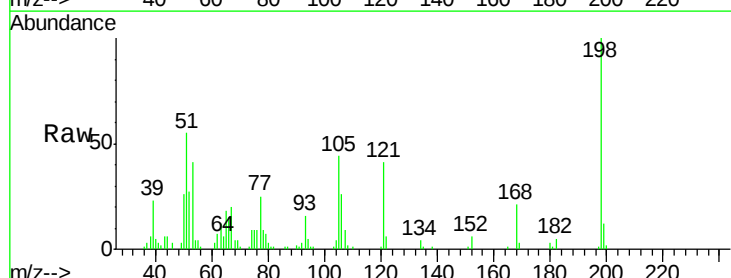
Manual Integrations
 APPROVED

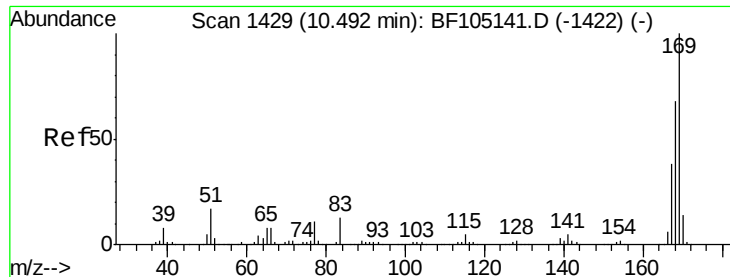
Sohil
 5/9/2018 6:51:16 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 17.325 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	25225		
51	55.2	37.7	77.7	
105	43.9	36.3	76.3	





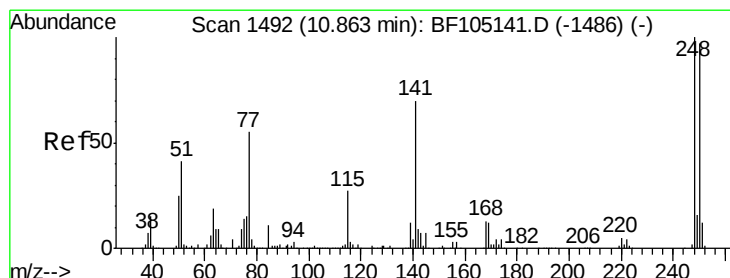
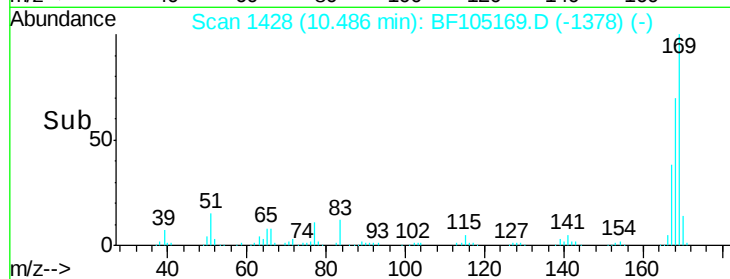
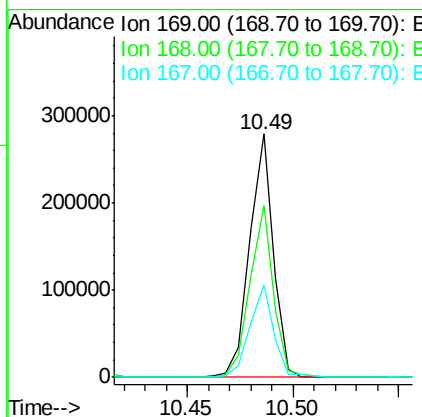
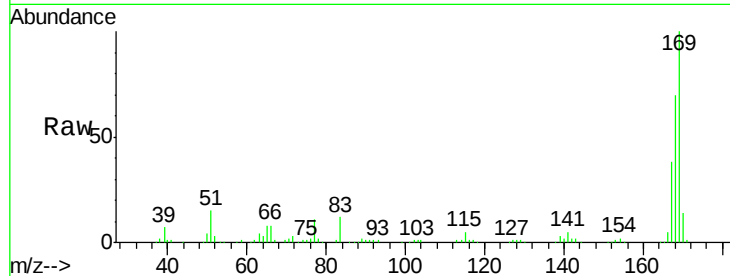
#65
 n-Nitrosodiphenylamine
 Concen: 8.950 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
169	100	217461		
168	70.4	54.4	81.6	
167	38.0	29.8	44.6	

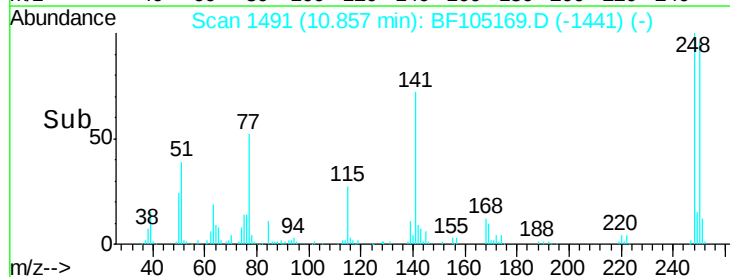
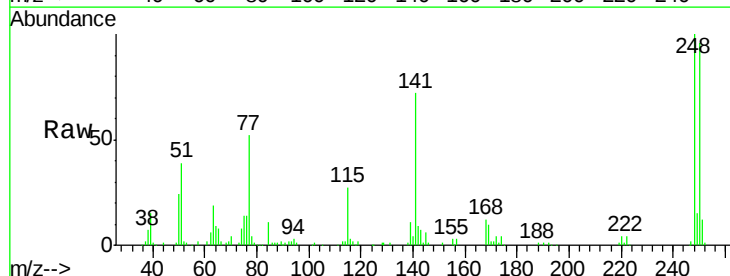
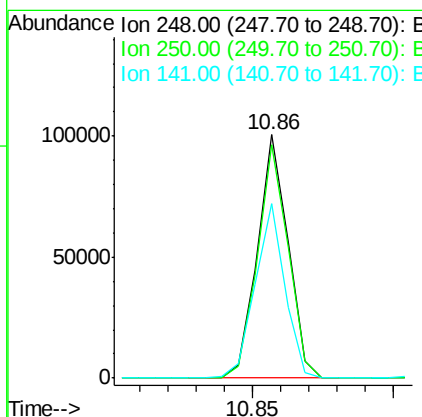
Manual Integrations
 APPROVED

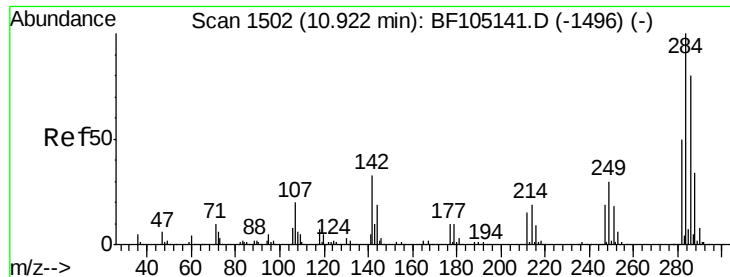
Sohil
 5/9/2018 6:51:16 PM



#66
 4-Bromophenyl-phenylether
 Concen: 9.096 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	75616		
250	95.7	76.9	115.3	
141	71.6	74.4	111.6#	





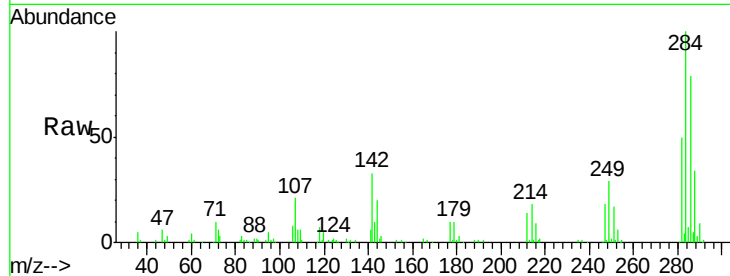
#67
Hexachlorobenzene
Concen: 9.184 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

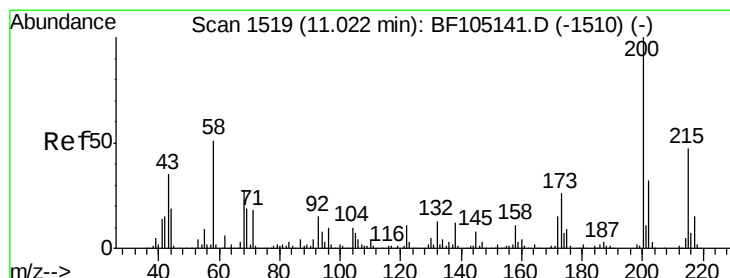
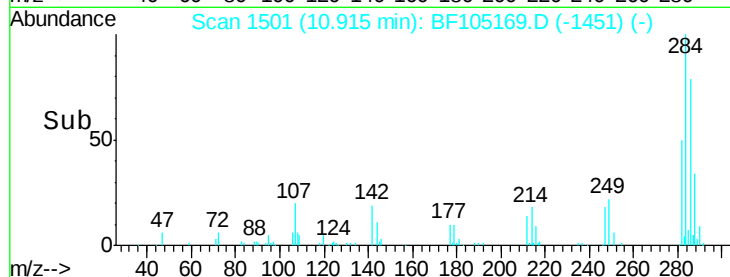
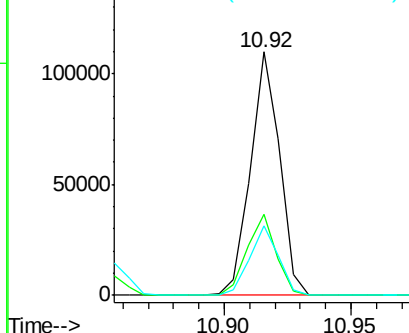
Tot Ion	Ratio	Resp	Lower	Upper
284	100	87967		
142	33.3	34.6	52.0#	
249	28.7	24.8	37.2	

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM

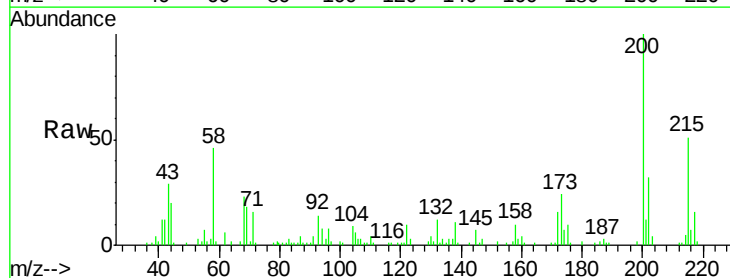


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

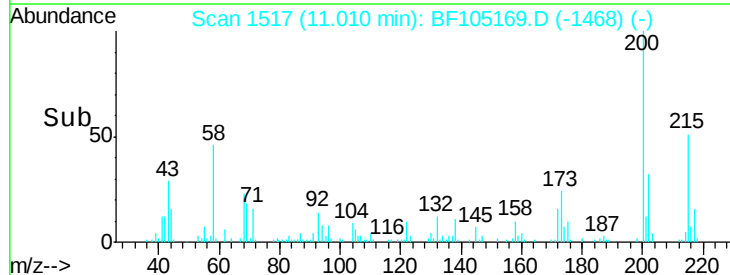
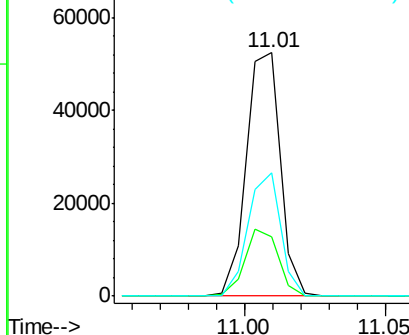


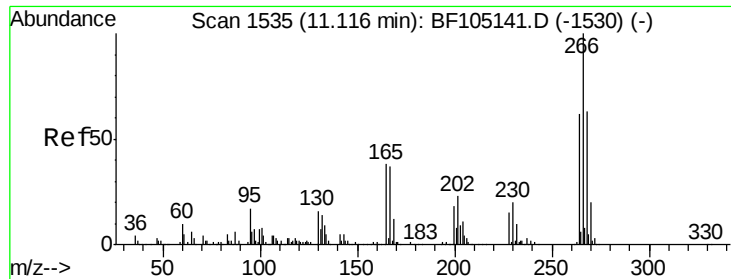
#68
Atrazine
Concen: 5.766 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	43912		
173	24.4	8.6	48.6	
215	50.7	25.1	65.1	



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





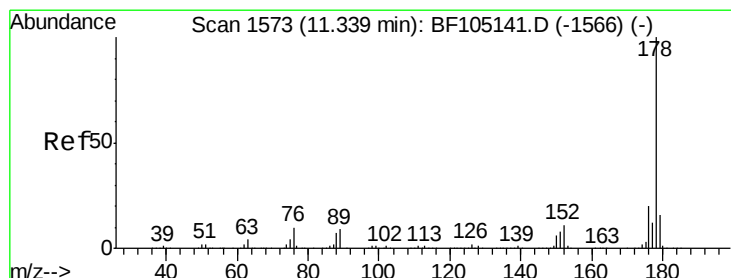
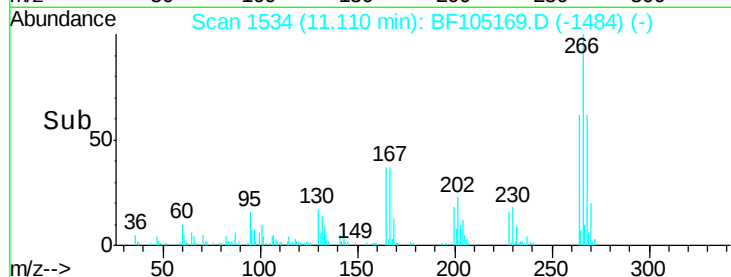
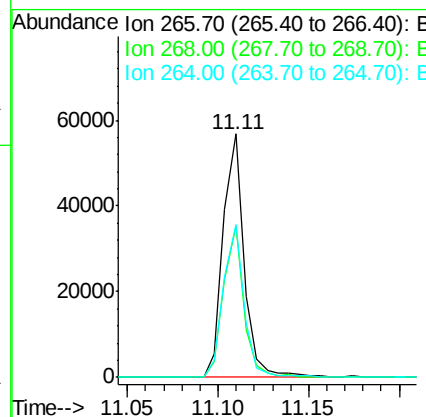
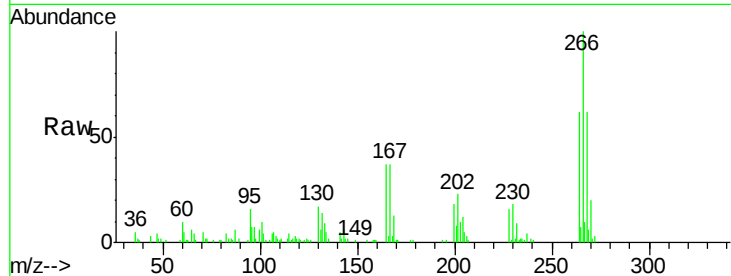
#69
 Pentachlorophenol
 Concen: 10.988 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	62.5	49.5	74.3

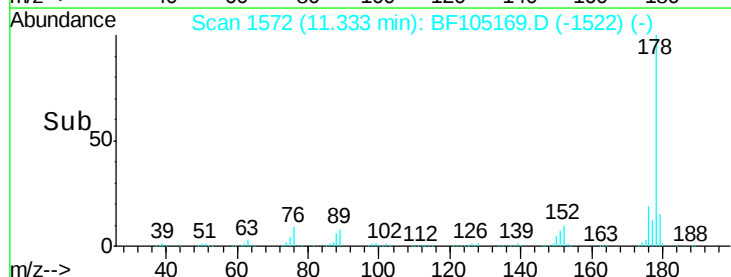
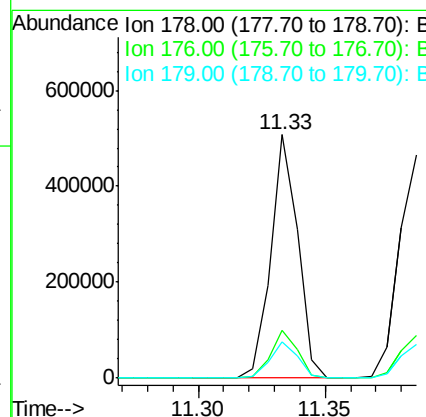
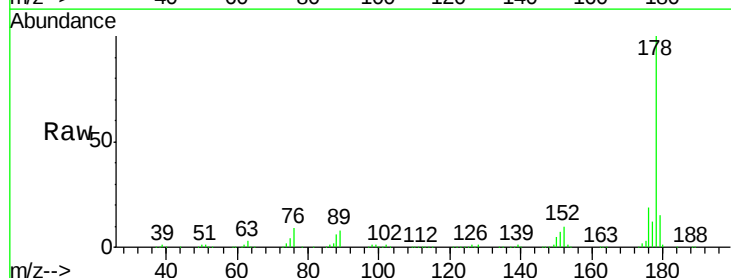
Manual Integrations
 APPROVED

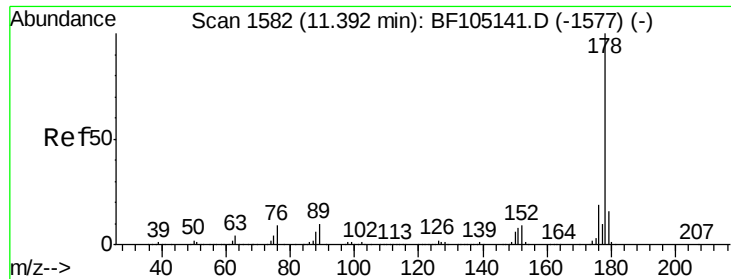
Sohil
 5/9/2018 6:51:16 PM



#70
 Phenanthrene
 Concen: 9.227 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.0	13.0	19.6





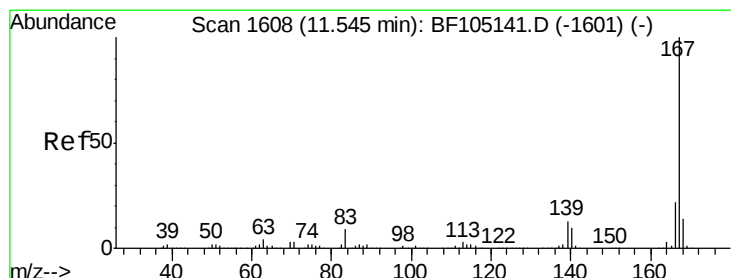
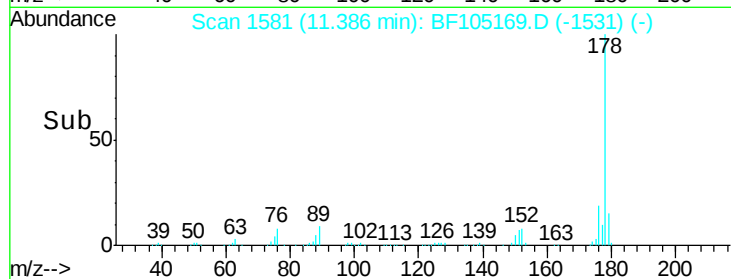
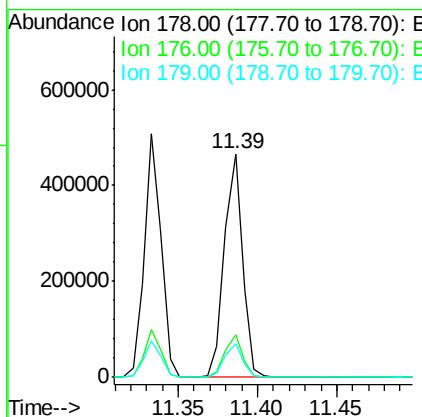
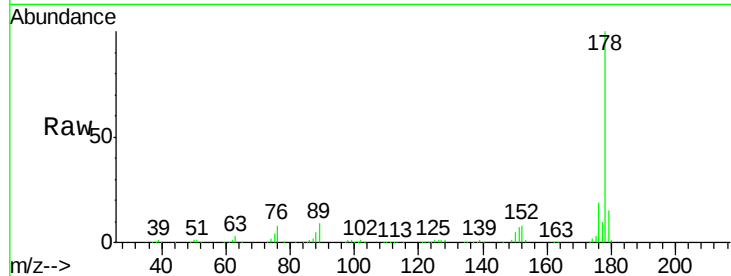
#71
 Anthracene
 Concen: 8.901 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.6	19.0

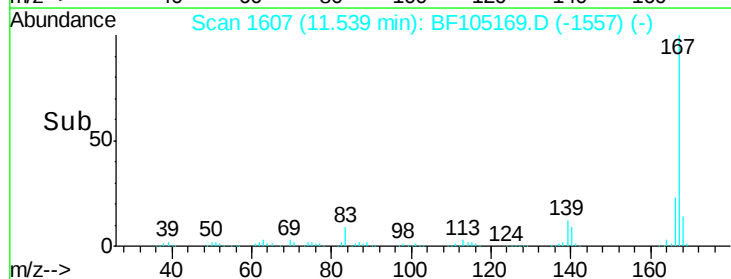
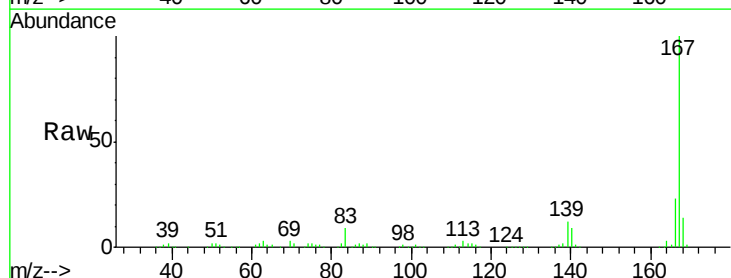
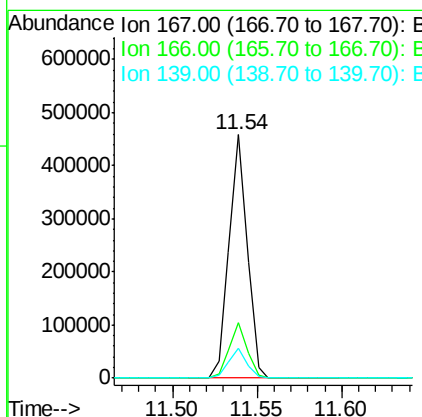
Manual Integrations
 APPROVED

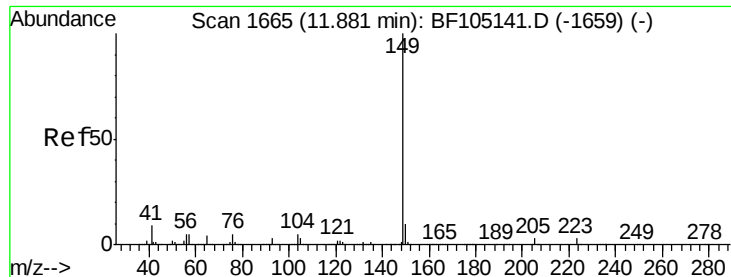
Sohil
 5/9/2018 6:51:16 PM



#72
 Carbazole
 Concen: 9.119 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 9.271 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

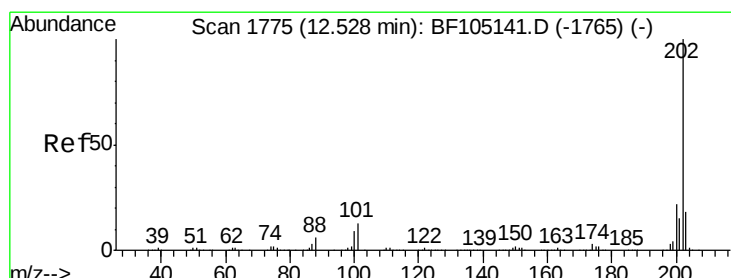
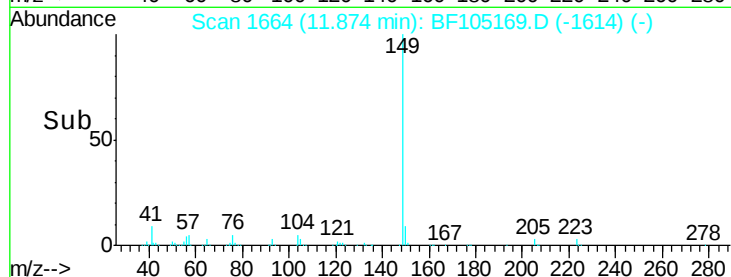
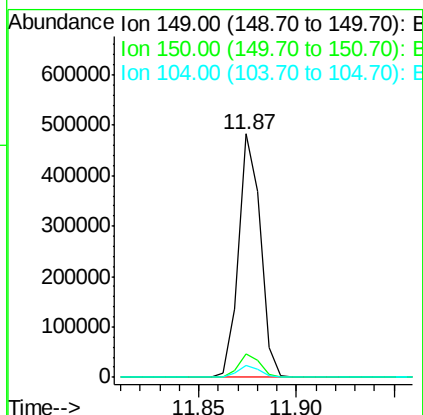
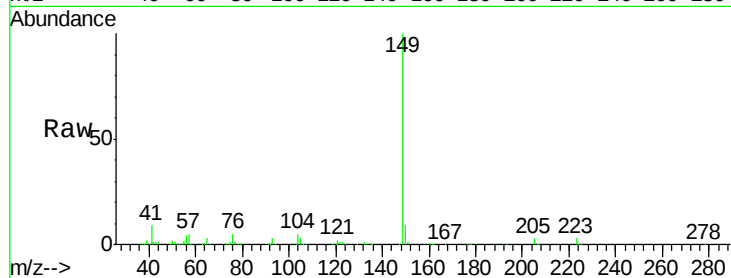
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	149	Resp:	373088
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#74

Fluoranthene

Concen: 9.127 ng

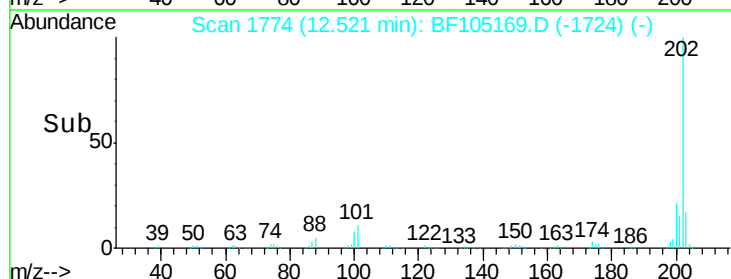
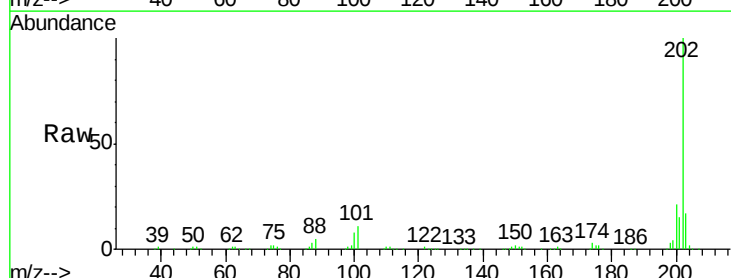
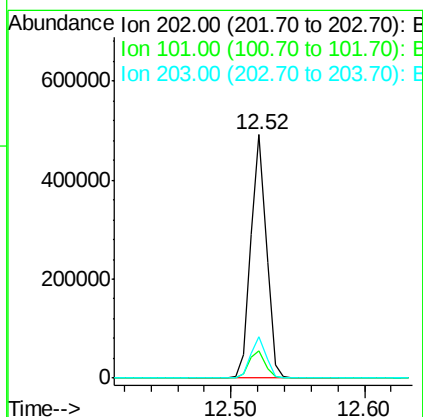
RT: 12.52 min Scan# 1774

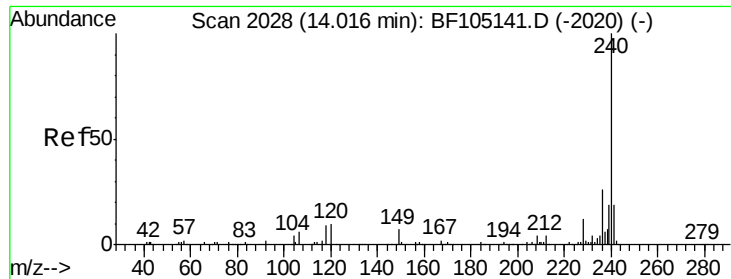
Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion:	202	Resp:	390812
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.1
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.03 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

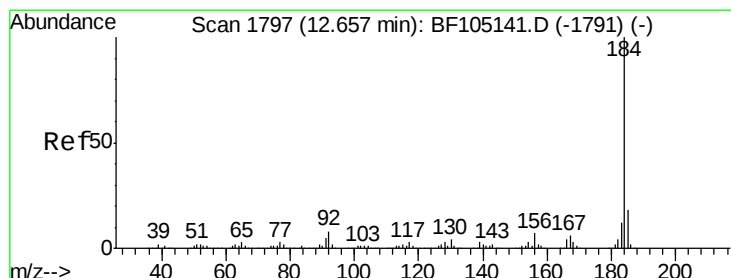
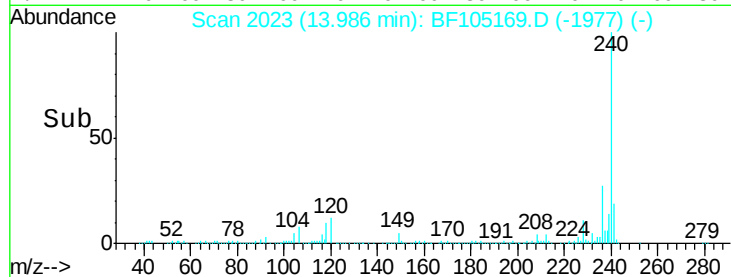
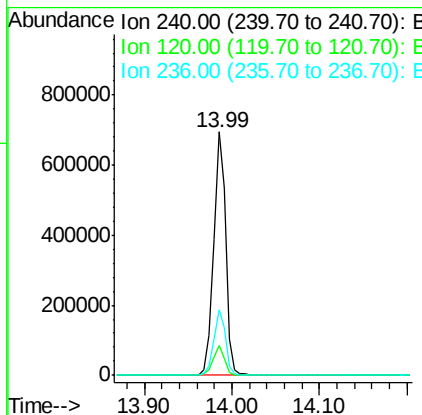
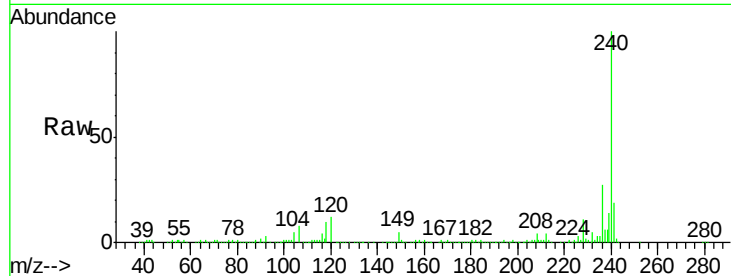
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.8	20.7	31.1

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#76

Benzidine

Concen: 2.963 ng

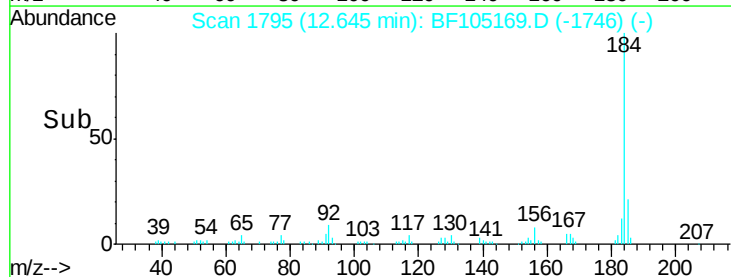
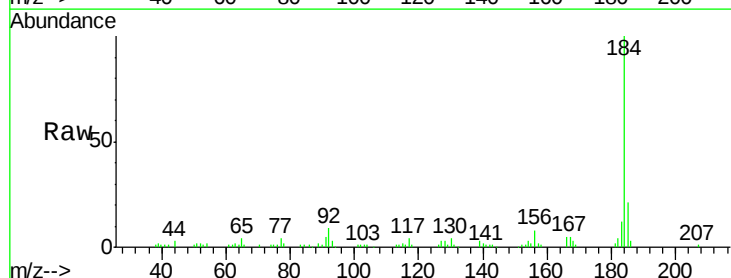
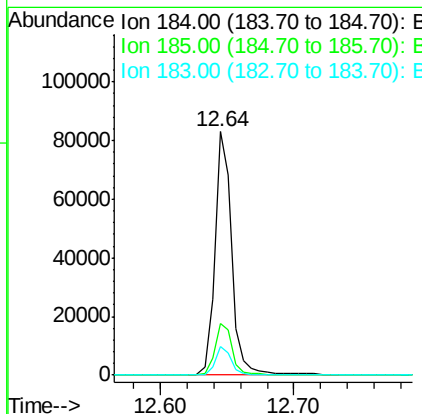
RT: 12.64 min Scan# 1795

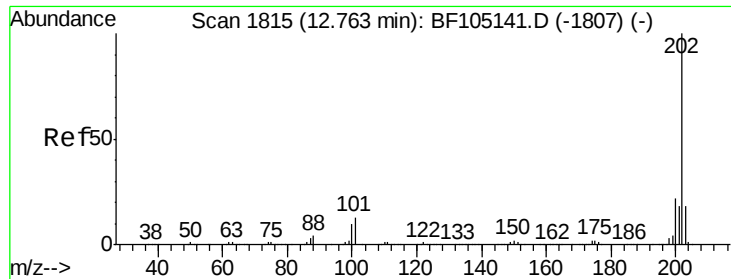
Delta R.T. -0.01 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.4	12.6	18.8#
183	11.8	9.3	13.9





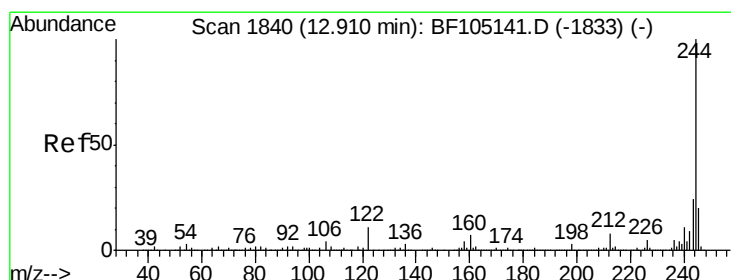
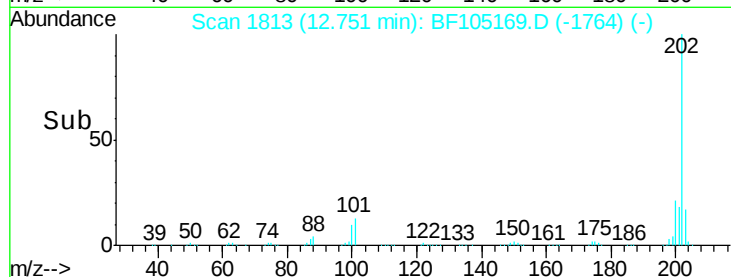
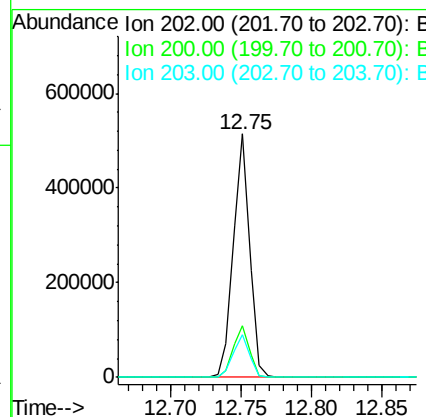
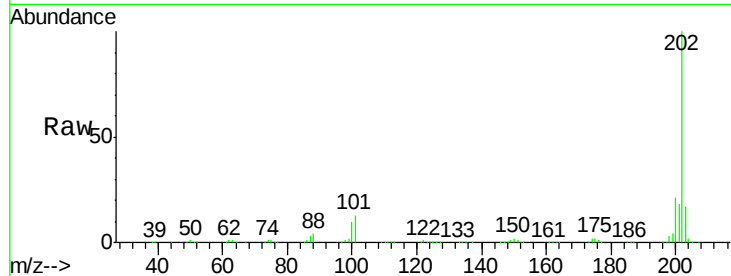
#77
Pvrene
Concen: 8.469 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5

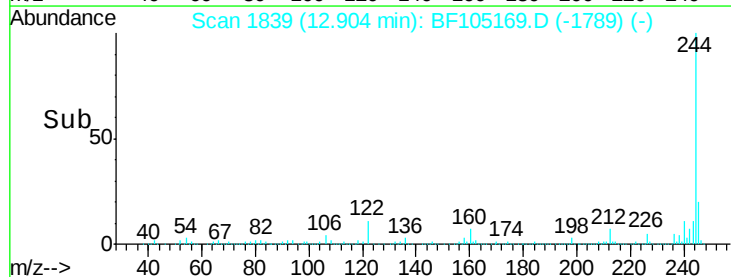
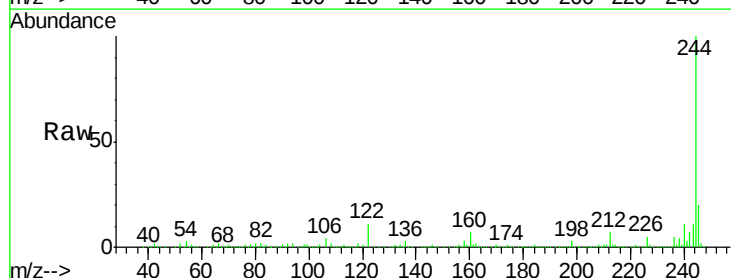
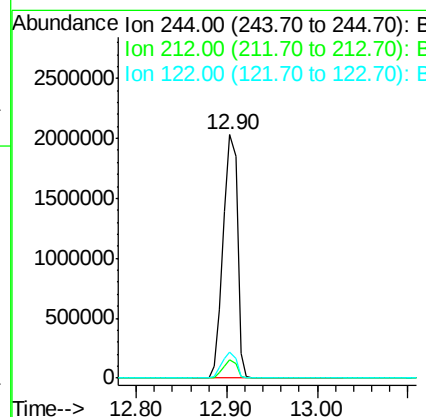
Manual Integrations
APPROVED

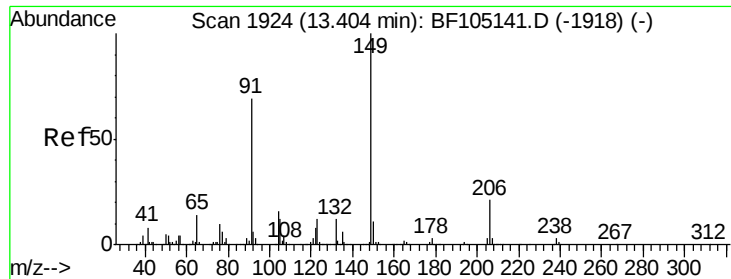
Sohil
5/9/2018 6:51:16 PM



#78
Terphenyl-d14
Concen: 75.998 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.8	11.0	16.4





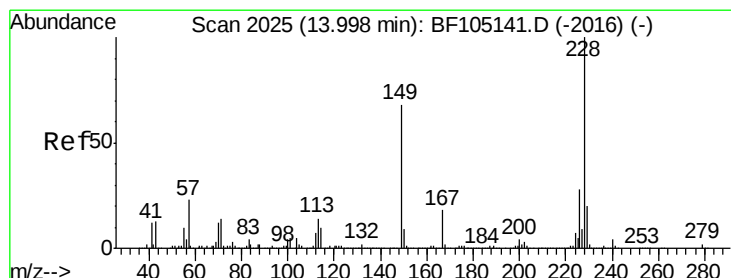
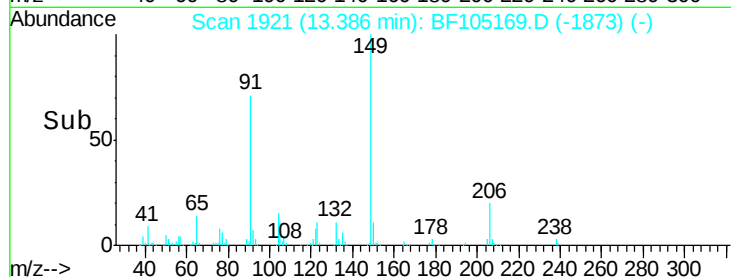
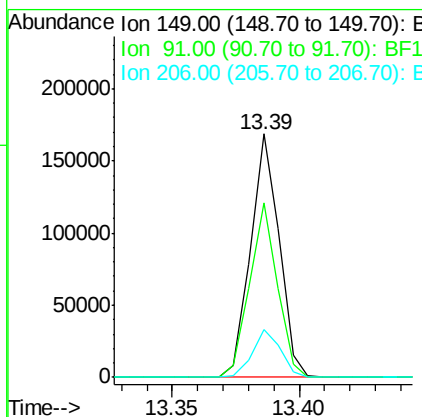
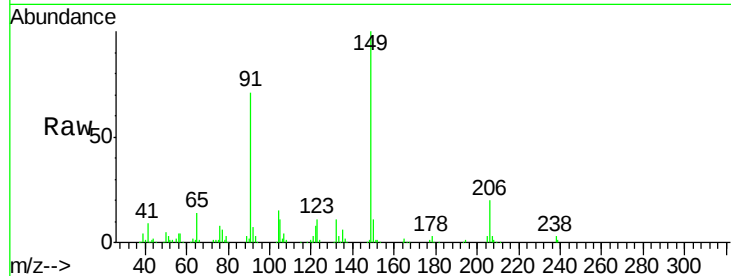
#79
Butylbenzylphthalate
Concen: 13.366 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100	132757		
91	71.4	56.8	85.2	
206	19.8	14.1	21.1	

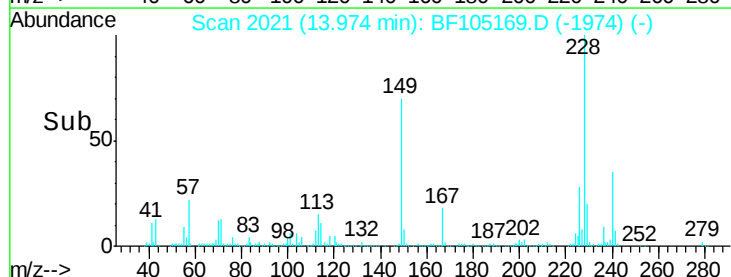
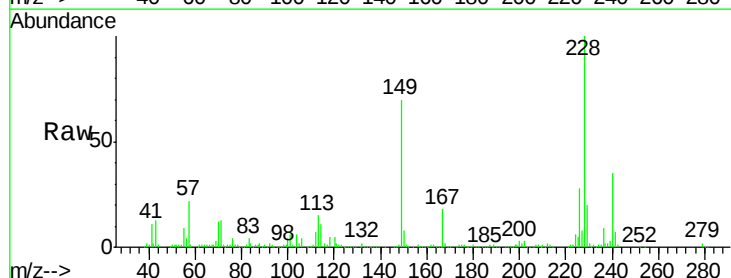
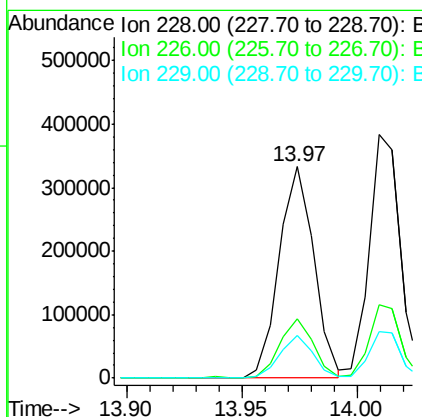
Manual Integrations
APPROVED

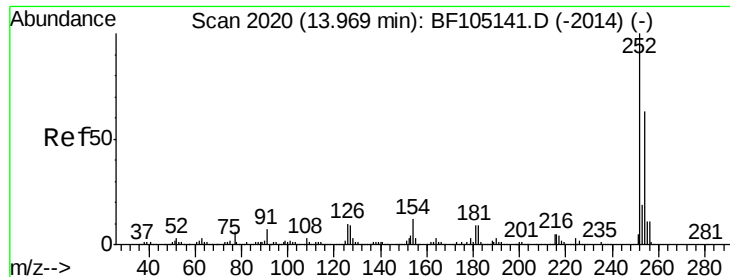
Sohil
5/9/2018 6:51:16 PM



#80
Benzo(a)anthracene
Concen: 8.572 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	347655		
226	27.9	22.6	33.8	
229	19.9	15.8	23.6	





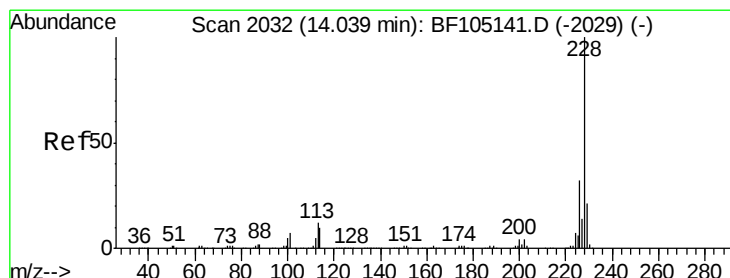
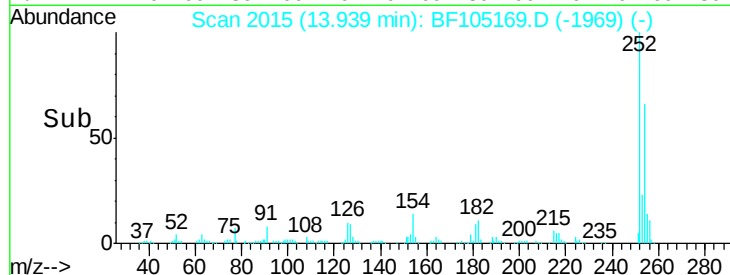
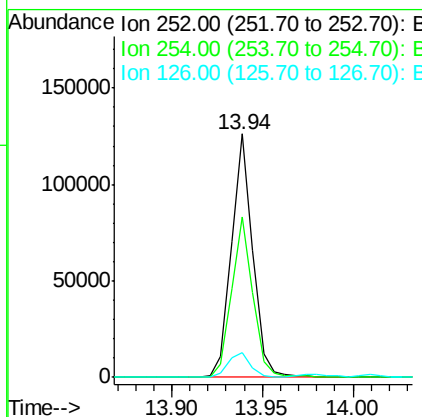
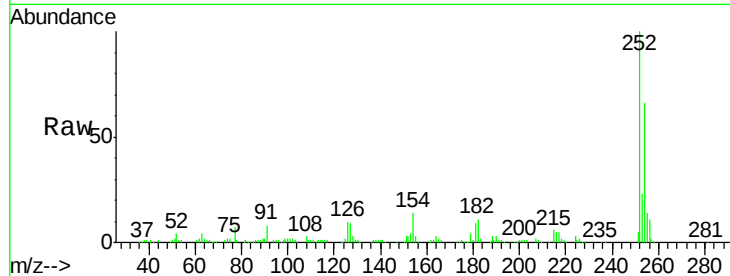
#81
 3,3'-Dichlorobenzidine
 Concen: 6.790 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.03 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	50.4	75.6
126	10.1	11.3	16.9

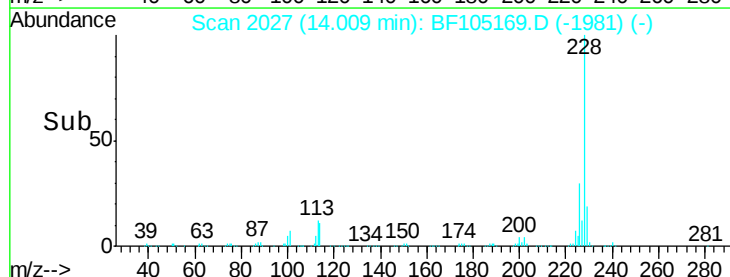
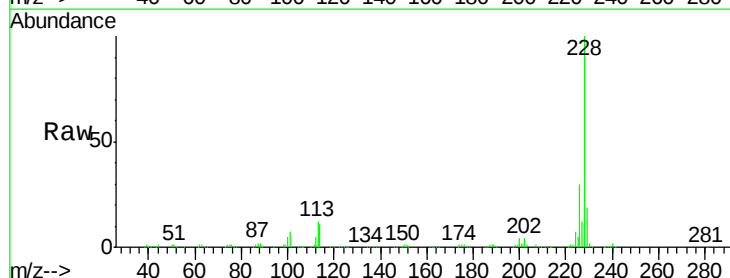
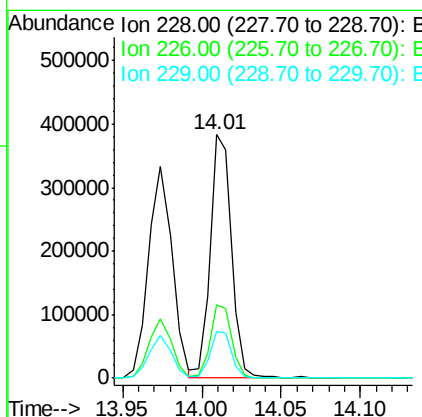
Manual Integrations
 APPROVED

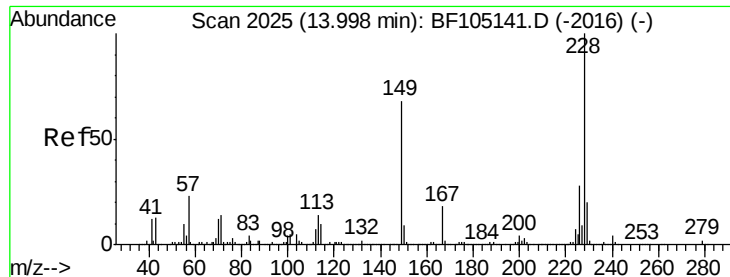
Sohil
 5/9/2018 6:51:16 PM



#82
 Chrysene
 Concen: 8.588 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.03 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.3	16.2	24.4





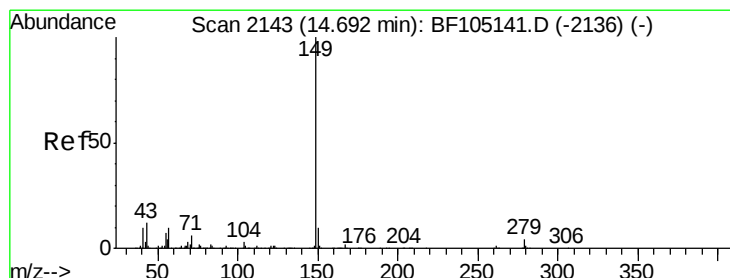
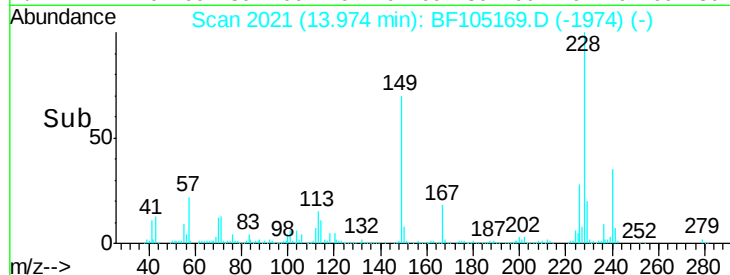
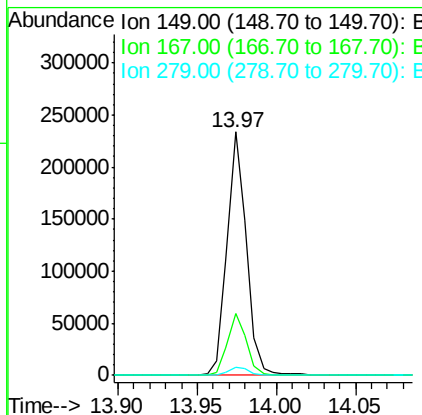
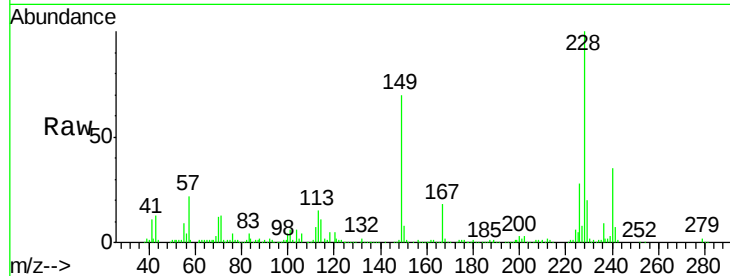
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.810 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100	197280		
167	25.6	21.3	31.9	
279	3.2	3.0	4.4	

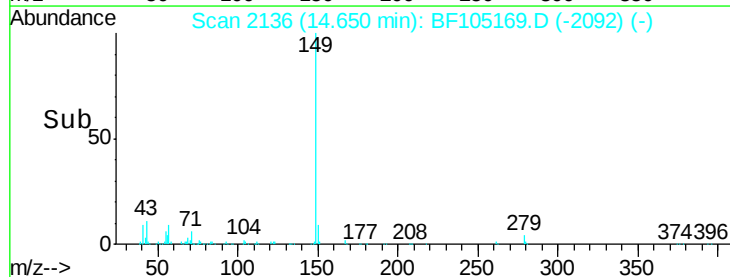
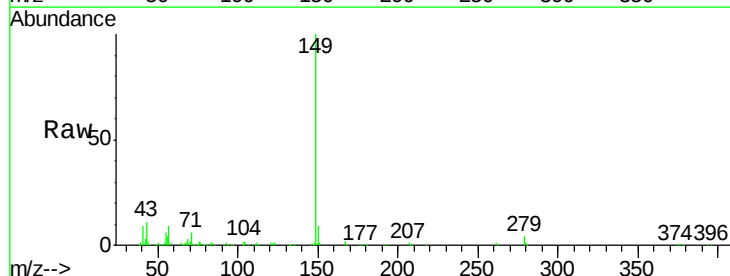
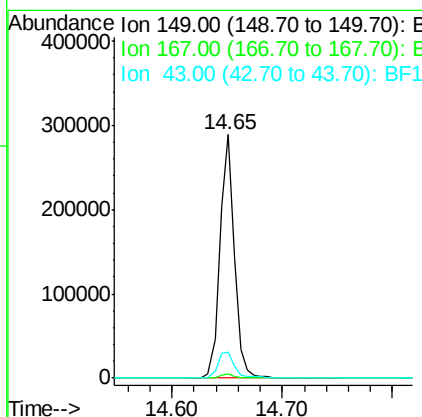
Manual Integrations
 APPROVED

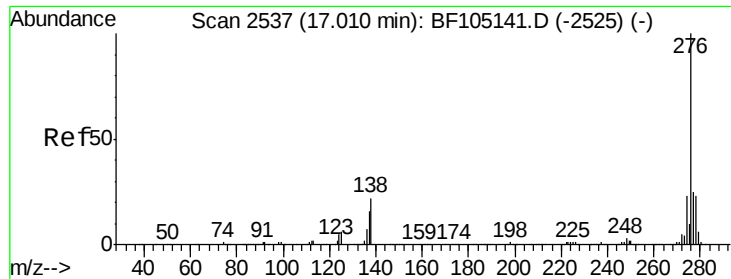
Sohil
 5/9/2018 6:51:16 PM



#84
 Di-n-octyl phthalate
 Concen: 12.692 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.04 min
 Lab File: BF105169.D
 Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	262459		
167	1.6	1.2	1.8	
43	12.7	8.4	12.6#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 7.738 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.07 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

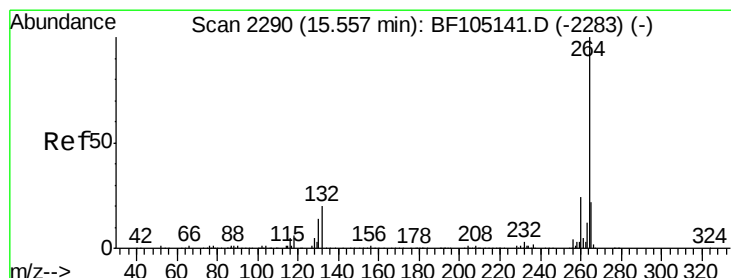
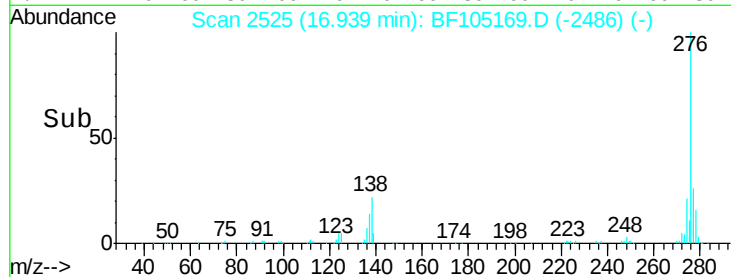
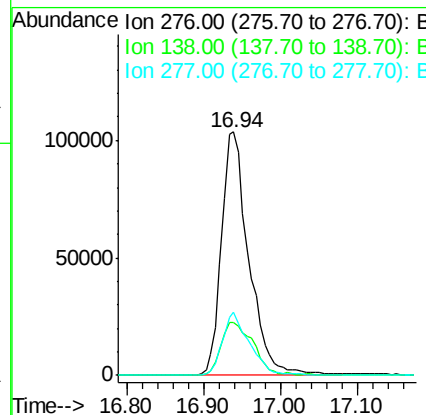
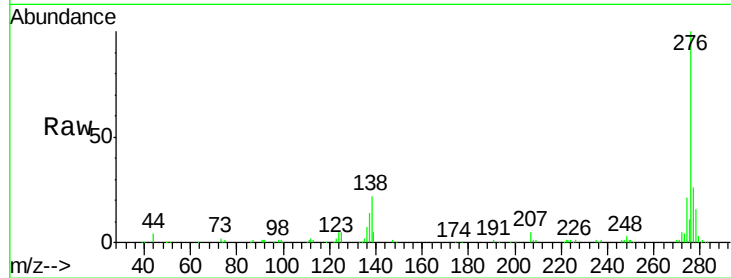
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	276	Resp:	256135
Ion Ratio	Lower	Upper	
276	100		
138	25.4	25.0	37.6
277	25.6	20.1	30.1

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM



#86

Perylene-d12

Concen: 20.000 ng

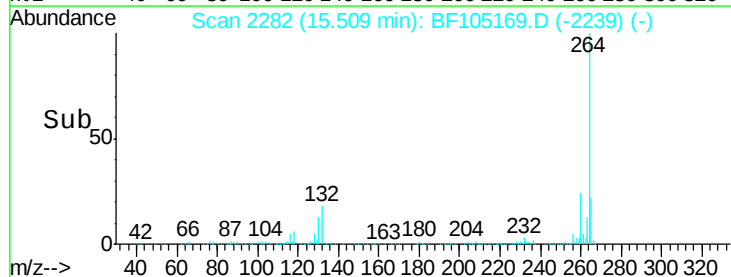
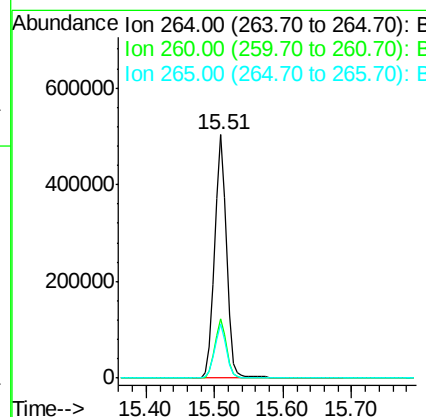
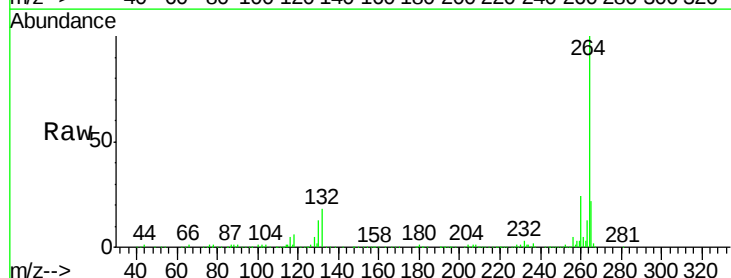
RT: 15.51 min Scan# 2282

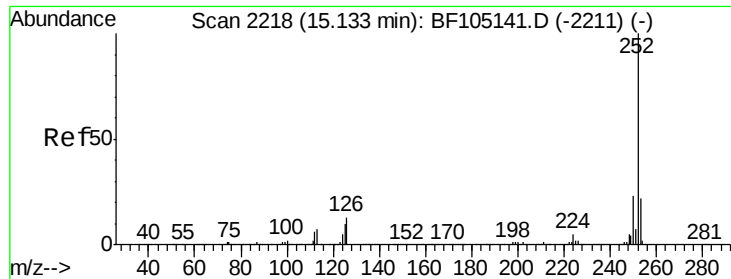
Delta R.T. -0.05 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Tgt Ion:	264	Resp:	612789
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	22.2	17.5	26.3





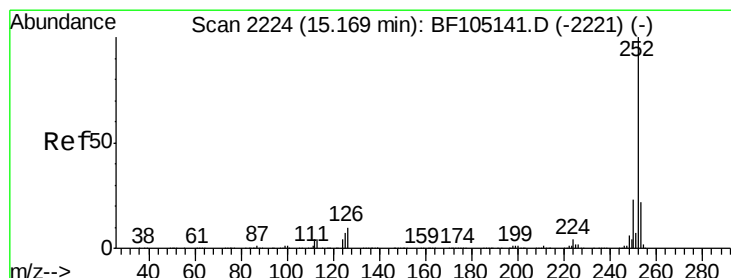
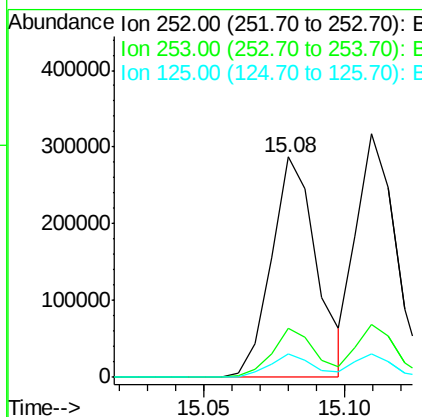
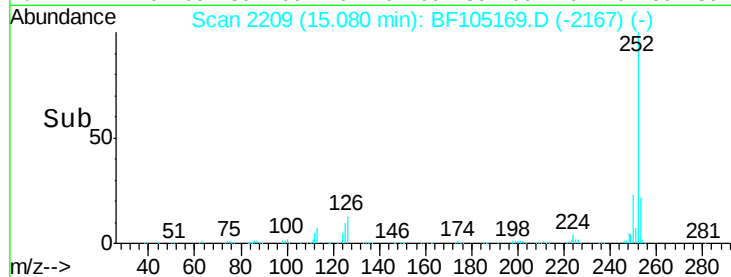
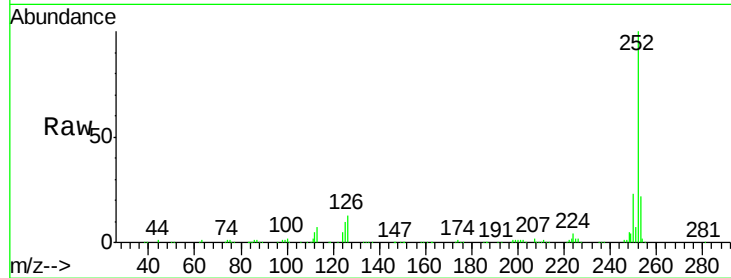
#87
Benzo(b)fluoranthene
Concen: 8.544 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.05 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.5	9.0	13.6

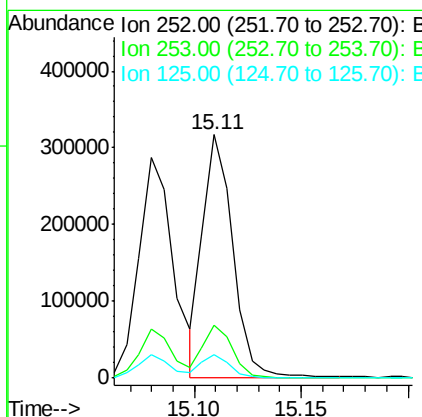
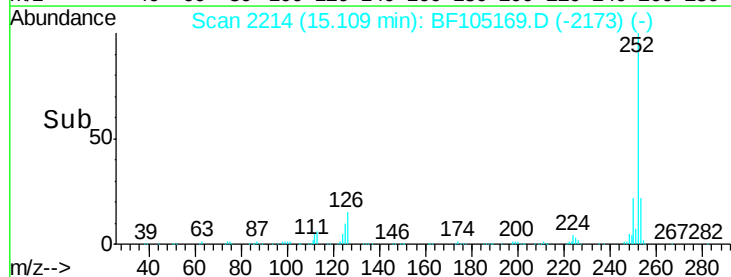
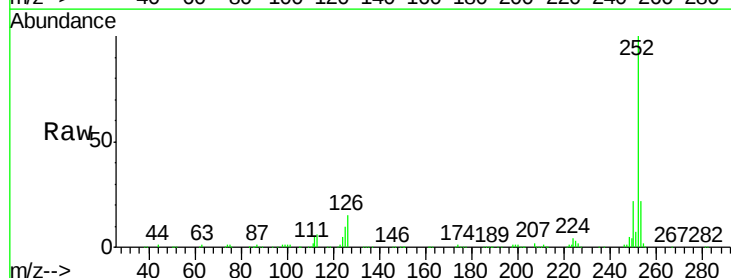
Manual Integrations
APPROVED

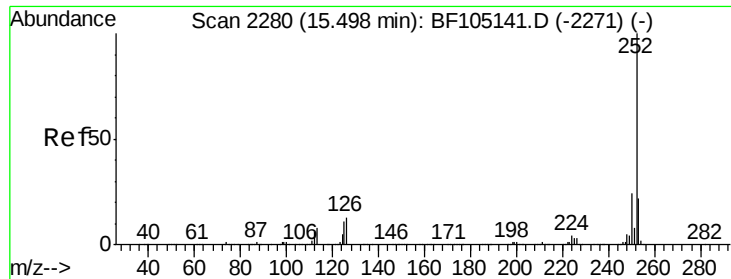
Sohil
5/9/2018 6:51:16 PM



#88
Benzo(k)fluoranthene
Concen: 8.642 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.8	10.2	15.2#





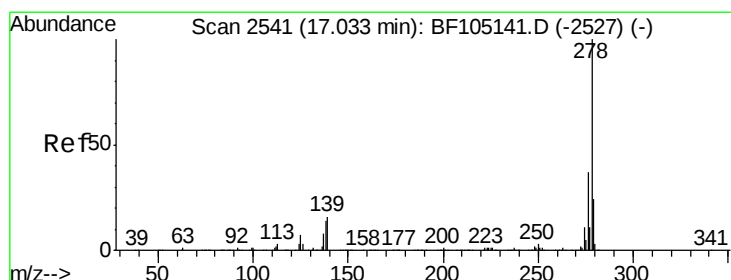
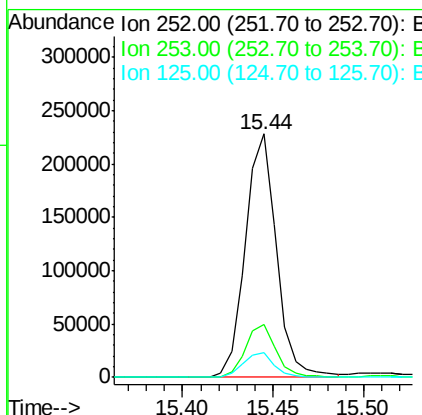
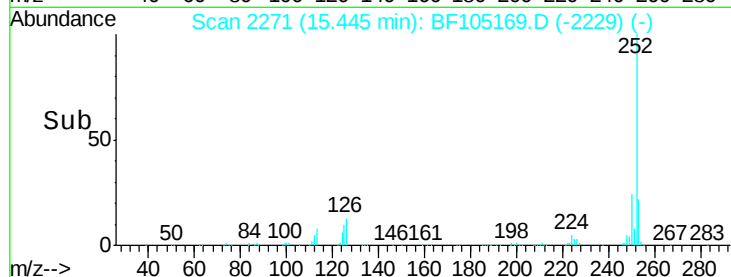
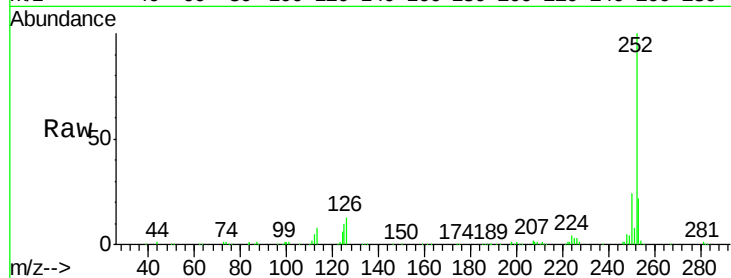
#89
Benzo(a)pyrene
Concen: 7.988 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.05 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.1	9.8	14.6

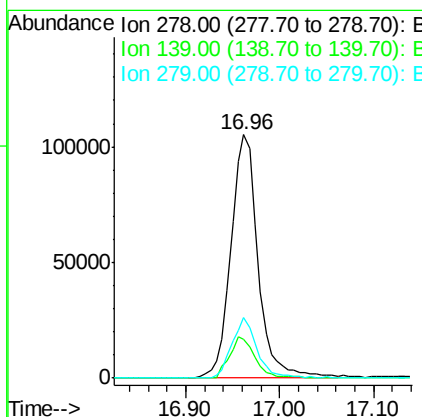
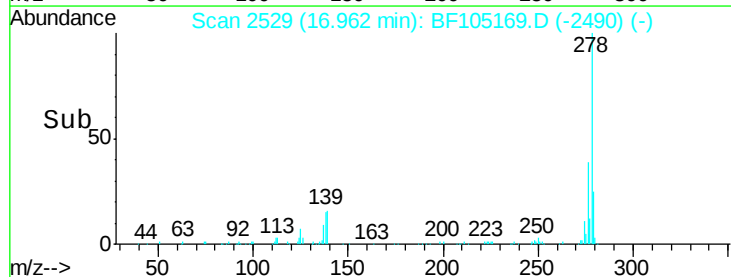
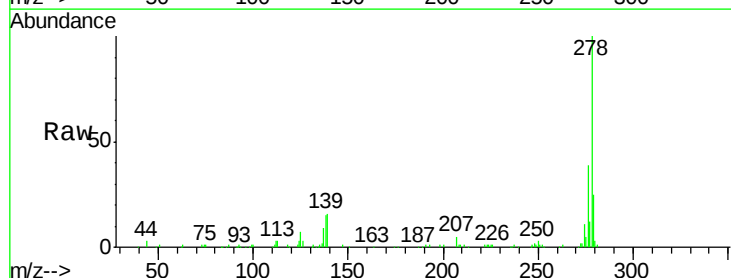
Manual Integrations
APPROVED

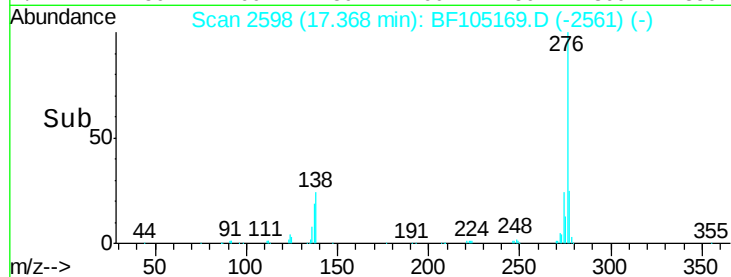
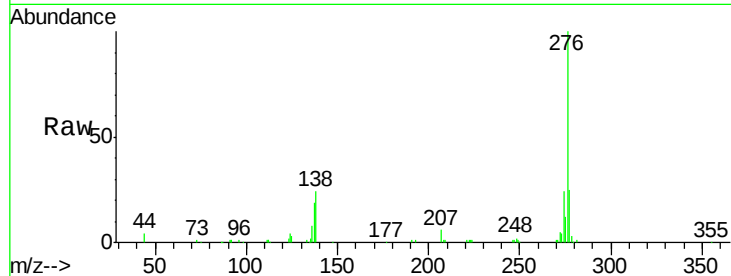
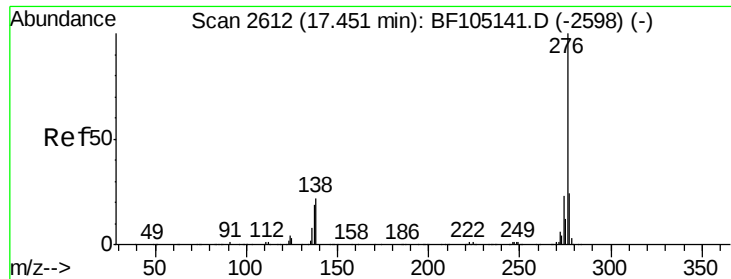
Sohil
5/9/2018 6:51:16 PM



#90
Dibenzo(a,h)anthracene
Concen: 7.997 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.07 min
Lab File: BF105169.D
Acq: 9 May 2018 2:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.9	23.9
279	25.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 7.911 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.08 min

Lab File: BF105169.D

Acq: 9 May 2018 2:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	276	Resp:	204959
Ion Ratio	Lower	Upper	
276	100		
277	24.9	17.9	26.9
138	23.5	21.8	32.8

Manual Integrations
APPROVED

Sohil
5/9/2018 6:51:16 PM

