

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002153.D
 Acq On : 26 Jul 2018 01:23
 Operator : JU/SJ
 Sample : J3762-07
 Misc : LOD 1 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:35:47 AM

Quant Time: Jul 26 07:15:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	213908	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	882552	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	518501	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1097109	20.00	ng	0.00
75) Chrysene-d12	21.27	240	943869	20.00	ng	0.00
86) Perylene-d12	23.49	264	892831	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1584243	119.23	ng	0.00
7) Phenol-d6	6.88	99	2138846	114.71	ng	0.00
23) Nitrobenzene-d5	8.84	82	1507518	87.60	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	848942	126.09	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3413973	85.76	ng	0.00
78) Terphenyl-d14	19.71	244	4879501	107.82	ng	0.00

Target Compounds					Qvalue	
6) Aniline	7.03	93	12631	0.555	ng	98
8) 2-Chlorophenol	7.26	128	13798	0.895	ng	91
9) Benzaldehyde	6.85	77	15027	1.309	ng	95
10) Phenol	6.90	94	18020	0.943	ng	# 78
11) bis(2-Chloroethyl)ether	7.13	93	12215	0.785	ng	95
12) 1,3-Dichlorobenzene	7.58	146	14890	0.848	ng	92
13) 1,4-Dichlorobenzene	7.72	146	15187	0.845	ng	90
14) 1,2-Dichlorobenzene	8.04	146	14963	0.863	ng	97
15) Benzyl Alcohol	7.94	79	7059	0.502	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.22	45	21859	0.870	ng	89
18) Hexachloroethane	8.75	117	5308	0.807	ng	# 83
24) Nitrobenzene	8.88	77	16520	0.926	ng	98
31) Naphthalene	10.52	128	44746	1.005	ng	99
34) Hexachlorobutadiene	10.80	225	8445	0.872	ng	92
37) 2-Methylnaphthalene	12.13	142	31554	1.004	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	15772	0.905	ng	98
45) 1,1'-Biphenyl	13.15	154	46202	1.013	ng	99
46) 2-Chloronaphthalene	13.19	162	32199	0.914	ng	98
48) Acenaphthylene	14.04	152	46818	0.876	ng	97
49) Dimethylphthalate	13.78	163	38173	0.886	ng	# 96
50) 2,6-Dinitrotoluene	13.90	165	6727	0.703	ng	91
51) Acenaphthene	14.39	154	31204	0.969	ng	92
54) Dibenzofuran	14.72	168	48894	0.937	ng	94
57) Fluorene	15.37	166	37377	0.950	ng	92
58) 2,3,4,6-Tetrachlorophenol	14.96	232	7302	0.685	ng	# 94
59) Diethylphthalate	15.15	149	35215	0.803	ng	97
62) Azobenzene	15.66	77	33058	0.786	ng	97
65) n-Nitrosodiphenylamine	15.59	169	28820	0.792	ng	97
66) 4-Bromophenyl-phenylether	16.27	248	11482	0.894	ng	92
67) Hexachlorobenzene	16.38	284	12533	0.882	ng	# 81
68) Atrazine	16.54	200	8296	0.677	ng	95
70) Phenanthrene	17.11	178	60803	1.015	ng	98
71) Anthracene	17.20	178	54043	0.912	ng	95
72) Carbazole	17.48	167	42752	0.719	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Di-n-butylphthalate	18.05	149	44839	0.646	nq	98
74) Fluoranthene	19.13	202	54351	0.836	nq	98
77) Pyrene	19.50	202	57247	0.879	nq	99
79) Butylbenzylphthalate	20.41	149	16852	0.595	nq	90
80) Benzo(a)anthracene	21.25	228	55187	0.959	nq	95
82) Chrysene	21.30	228	53905	0.984	nq	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	24477	0.619	nq #	98
84) Di-n-octyl phthalate	22.07	149	38077	0.608	nq	100
85) Indeno(1,2,3-cd)pyrene	25.72	276	51815	0.970	nq #	80
87) Benzo(b)fluoranthene	22.83	252	48917	0.928	nq	98
88) Benzo(k)fluoranthene	22.87	252	49170m	0.948	nq	
89) Benzo(a)pyrene	23.40	252	46235	0.940	nq #	96
90) Dibenzo(a,h)anthracene	25.73	278	43779	0.948	nq #	94
91) Benzo(q,h,i)perylene	26.40	276	41651	0.933	nq	94

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

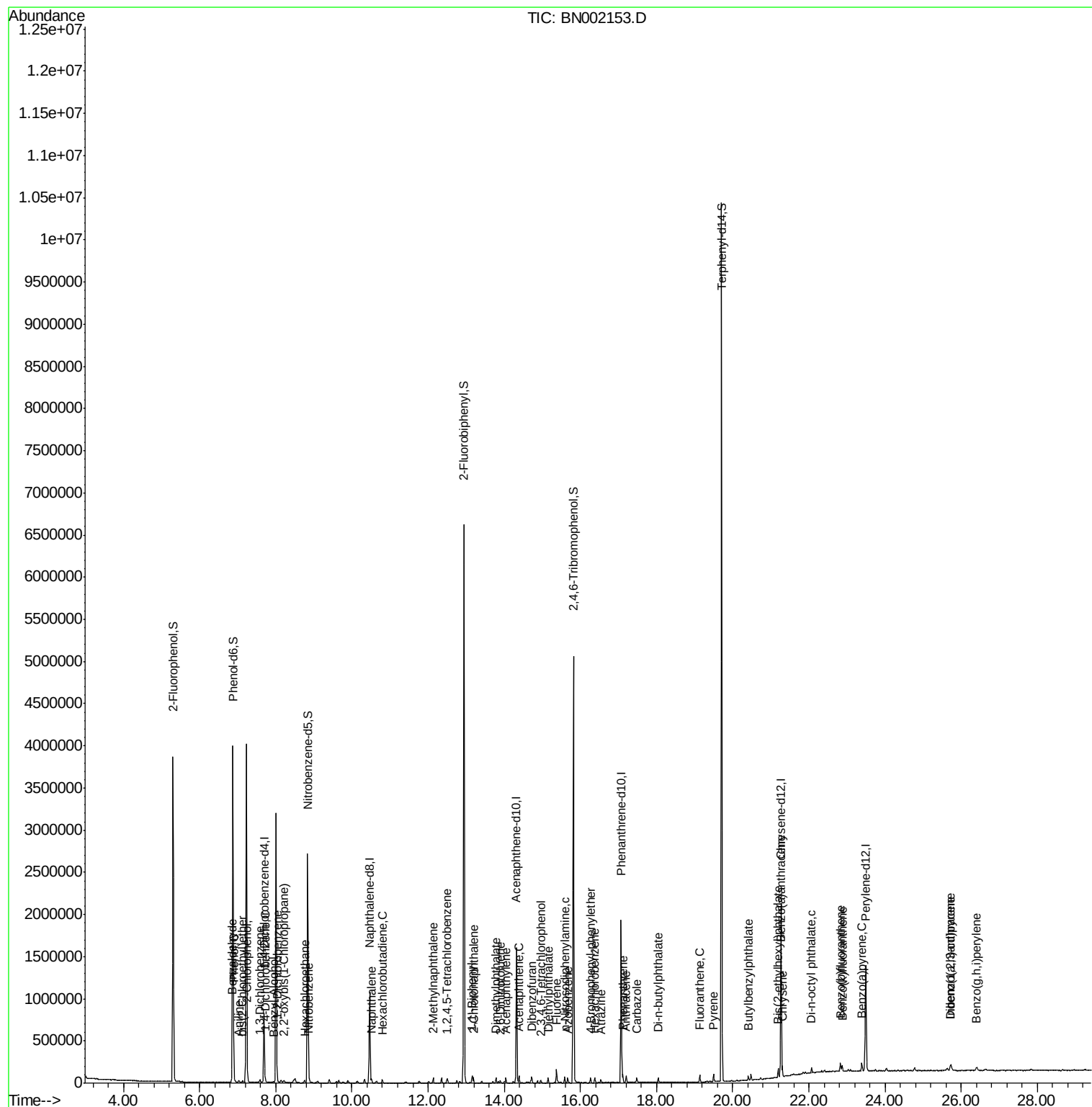
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
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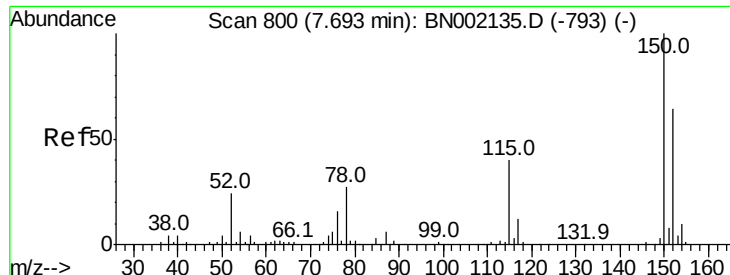
Instrument :
BNA_N
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LOD-MDL-WATER-01-QT3-2018

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#1

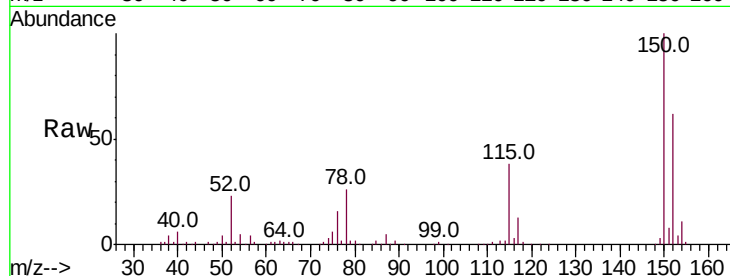
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.6	189.8
115	60.8	53.0	79.4

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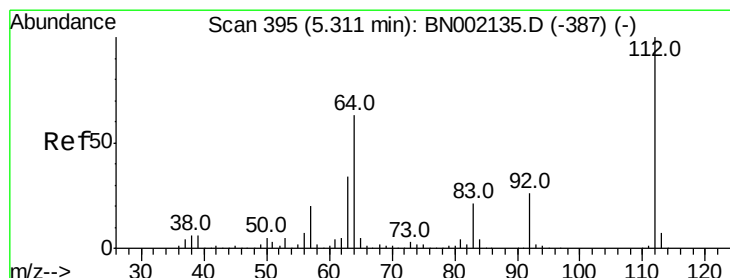
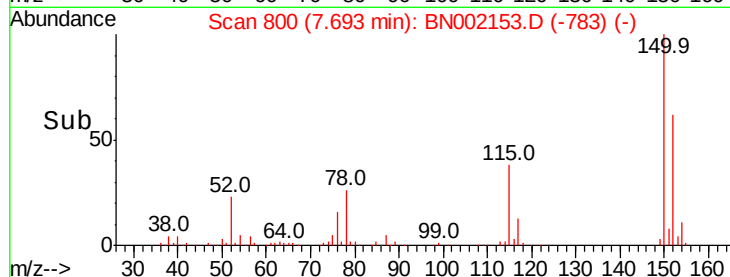
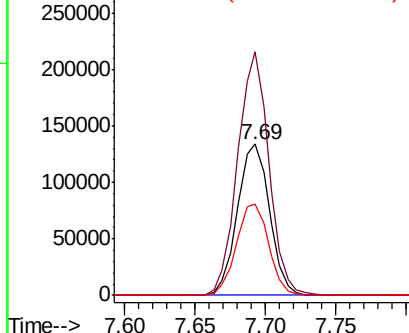


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

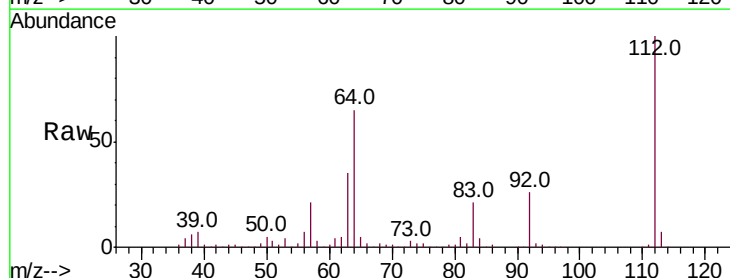
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.234 ng
RT: 5.30 min Scan# 394
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	34.6	30.1	45.1

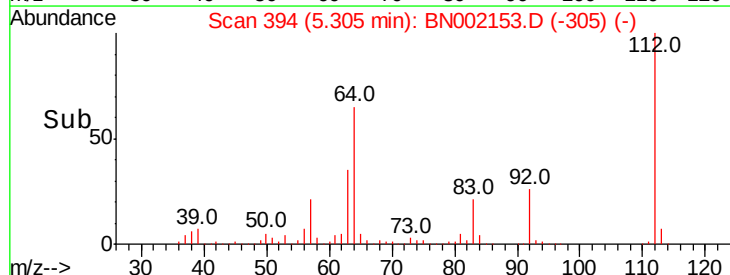
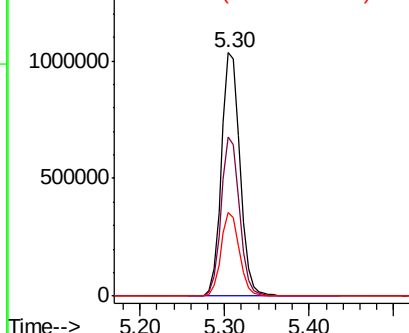


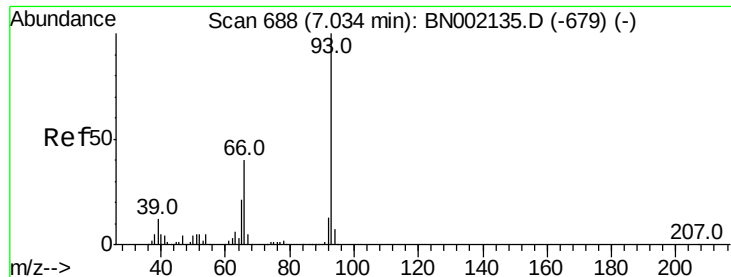
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#6

Aniline

Concen: 0.555 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

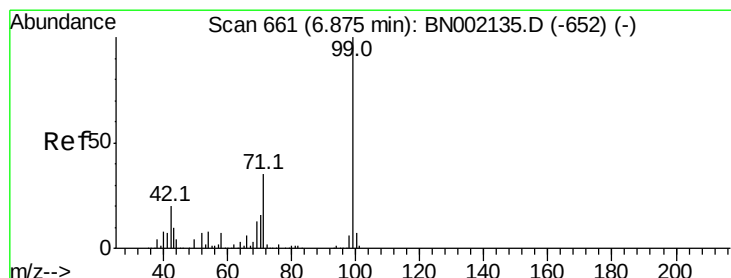
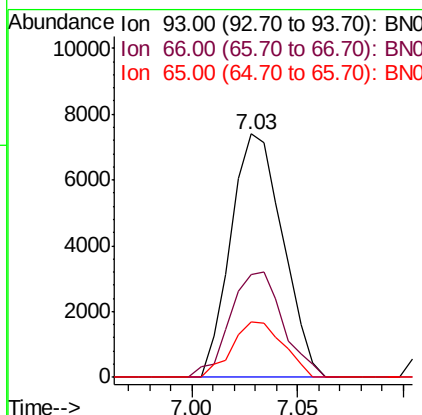
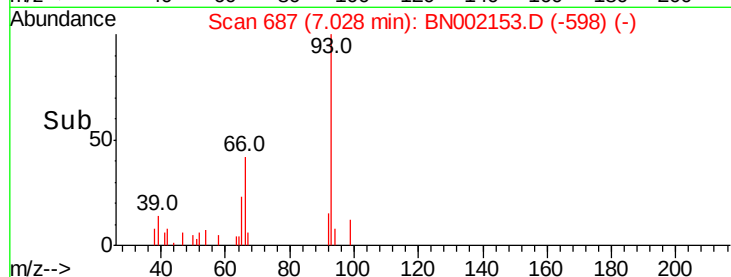
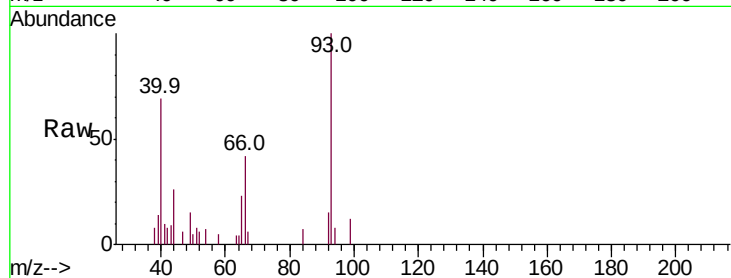
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	93	Resp:	12631
Ion Ratio	Lower	Upper	
93	100		
66	42.5	33.7	50.5
65	22.9	16.1	24.1

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#7

Phenol-d6

Concen: 114.710 ng

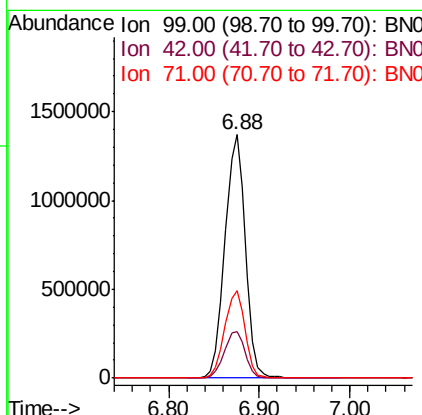
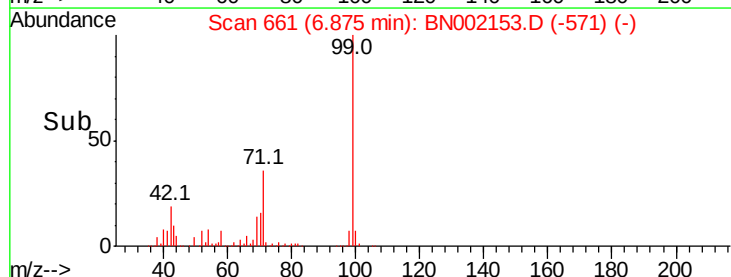
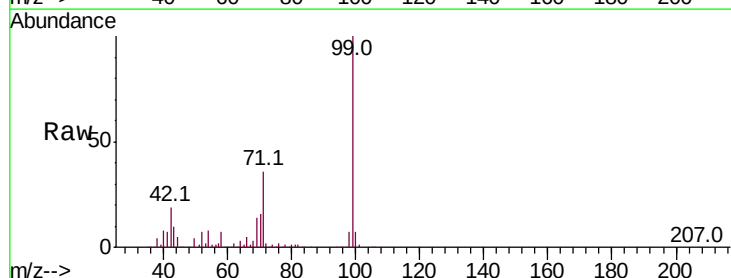
RT: 6.88 min Scan# 661

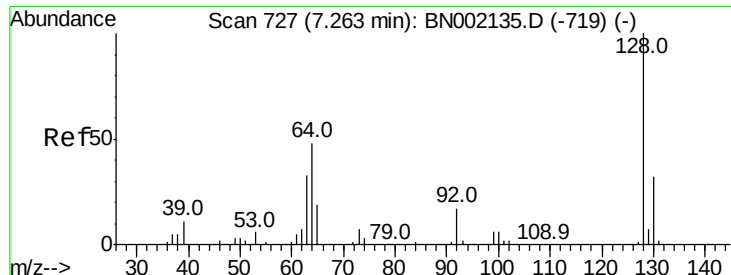
Delta R.T. 0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion:	99	Resp:	2138846
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.1	21.1
71	35.7	26.1	39.1





#8

2-Chlorophenol

Concen: 0.895 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

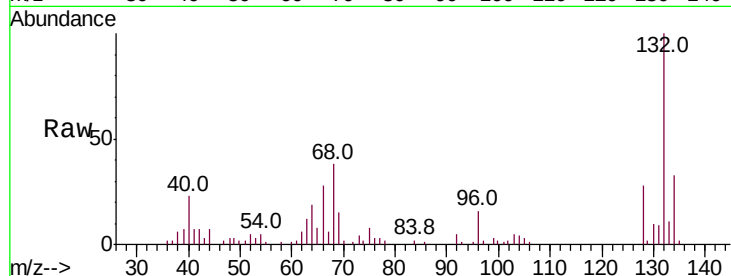
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

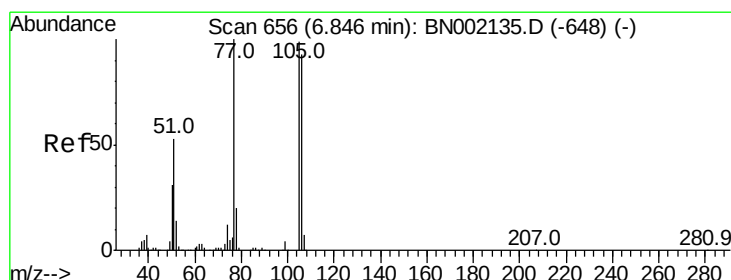
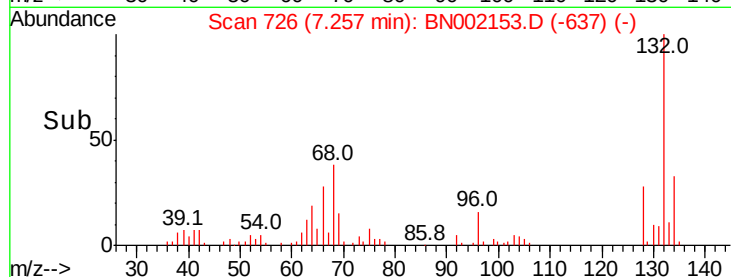
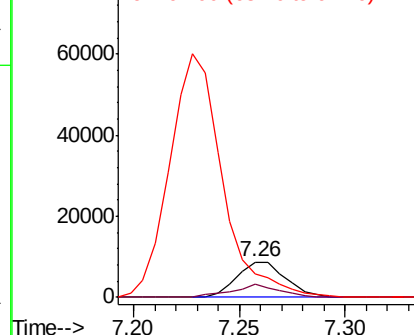
Tot Ion:	128	Resp:	13798
Ion Ratio	Lower	Upper	
128	100		
130	35.9	14.0	54.0
64	67.1	37.7	77.7

Manual Integrations
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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): BNC



#9

Benzaldehyde

Concen: 1.309 ng

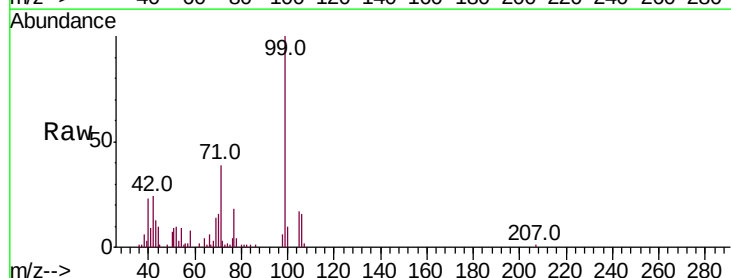
RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

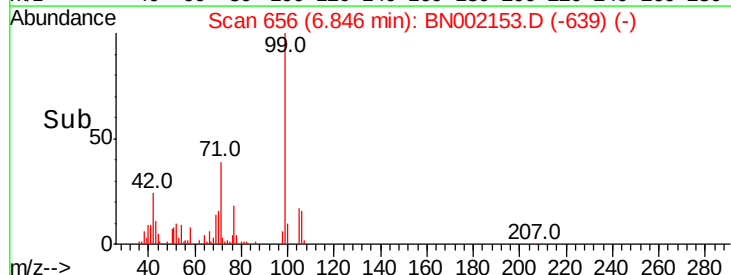
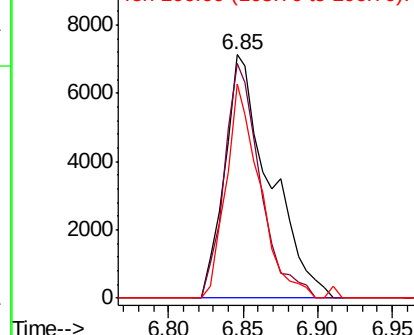
Lab File: BN002153.D

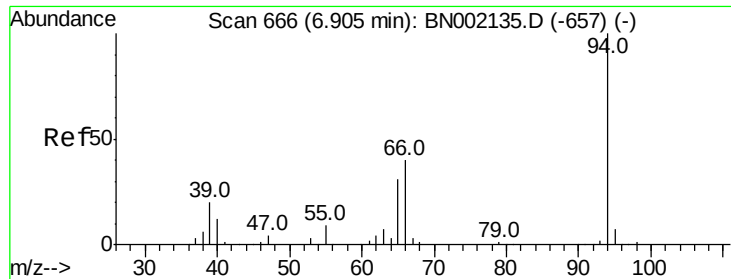
Acq: 26 Jul 2018 01:23

Tgt Ion:	77	Resp:	15027
Ion Ratio	Lower	Upper	
77	100		
105	96.3	71.3	111.3
106	88.1	64.2	104.2



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.943 ng

RT: 6.90 min Scan# 665

Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion: 94 Resp: 18020

Ion Ratio Lower Upper

94 100

65 34.7 11.9 51.9

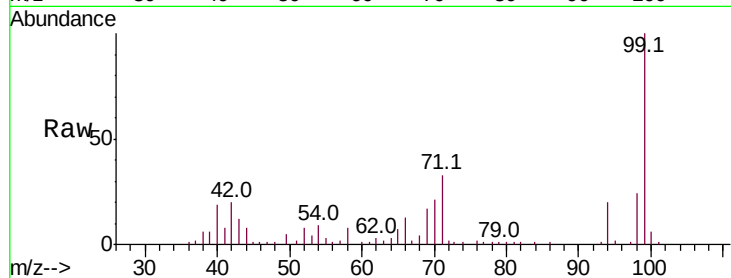
66 64.7 22.2 62.2#

Manual Integrations

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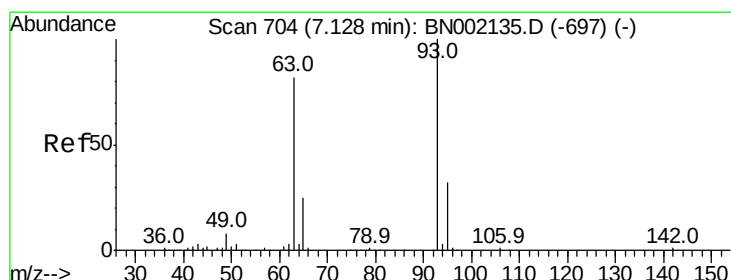
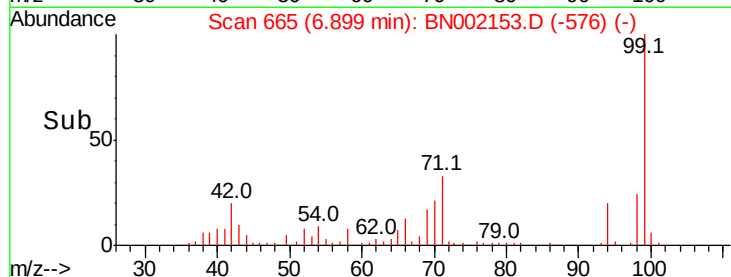
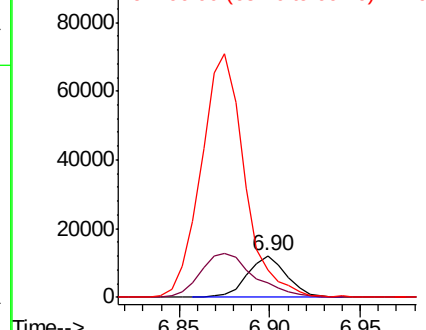
7/27/2018 11:35:47 AM



Abundance Ion 94.00 (93.70 to 94.70): BN002135.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BN002135.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BN002135.D (-657) (-)



#11

bis(2-Chloroethyl)ether

Concen: 0.785 ng

RT: 7.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

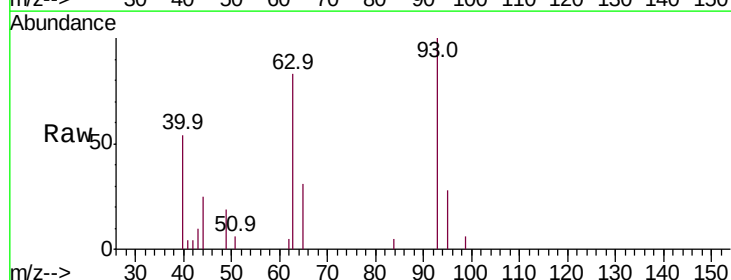
Tgt Ion: 93 Resp: 12215

Ion Ratio Lower Upper

93 100

63 83.1 67.1 107.1

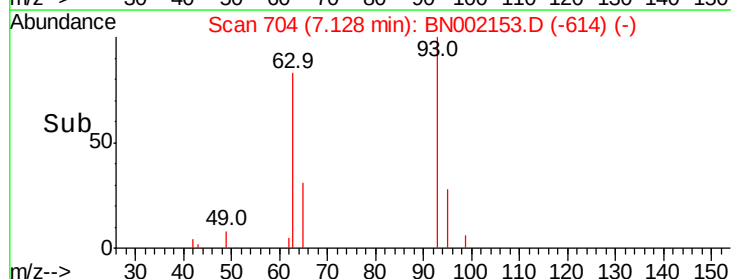
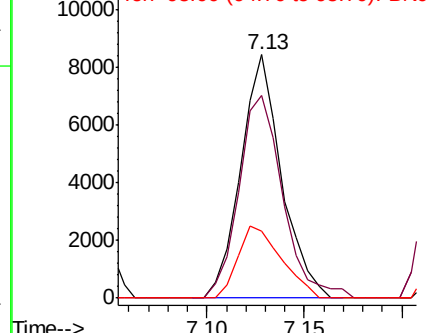
95 27.7 11.5 51.5

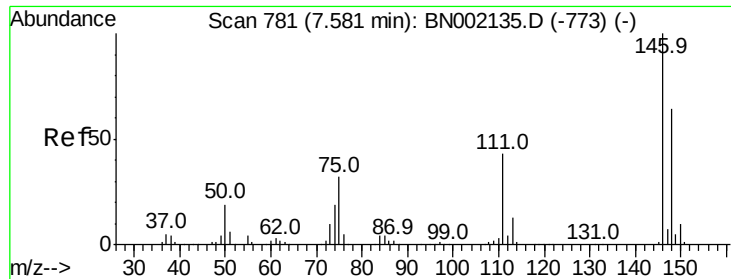


Abundance Ion 93.00 (92.70 to 93.70): BN002135.D (-697) (-)

Ion 63.00 (62.70 to 63.70): BN002135.D (-697) (-)

Ion 95.00 (94.70 to 95.70): BN002135.D (-697) (-)





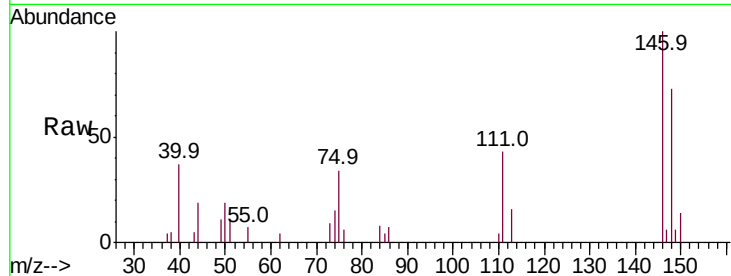
#12
 1,3-Dichlorobenzene
 Concen: 0.848 ng
 RT: 7.58 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BN002153.D
 Acq: 26 Jul 2018 01:23

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	73.1	51.4	77.2
75	33.5	26.6	39.8

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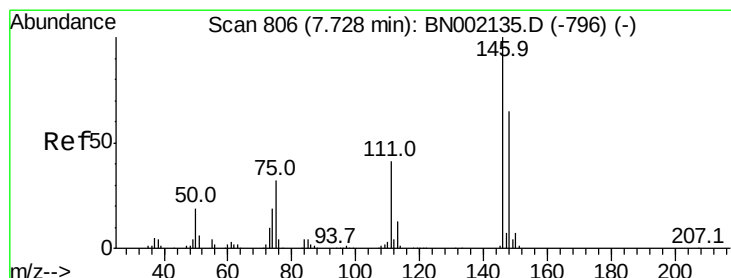
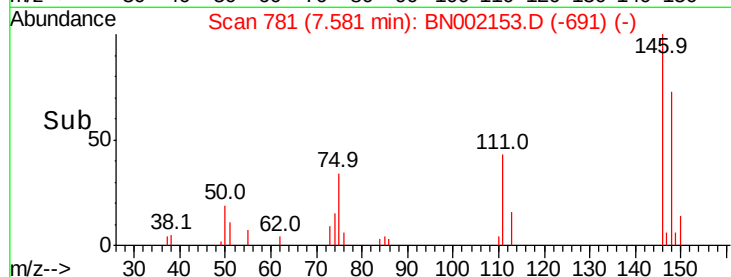
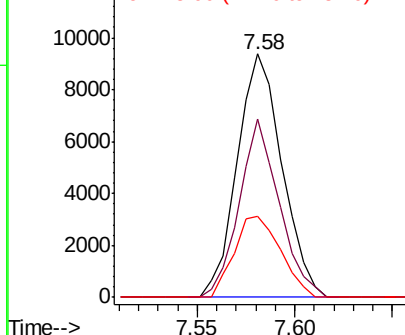


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BNC



#13
 1,4-Dichlorobenzene
 Concen: 0.845 ng
 RT: 7.72 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BN002153.D
 Acq: 26 Jul 2018 01:23

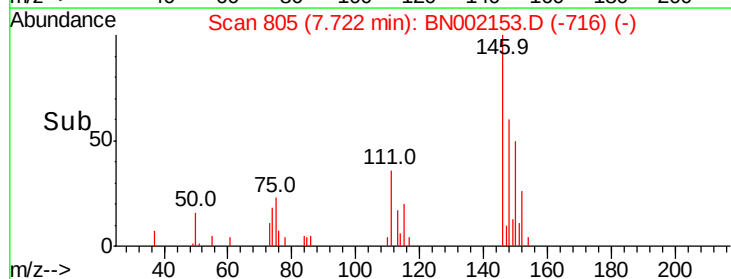
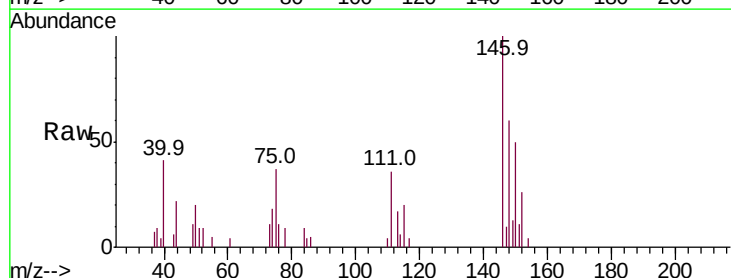
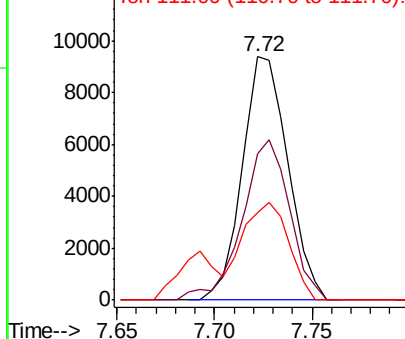
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	53.7	80.5
111	36.0	35.2	52.8

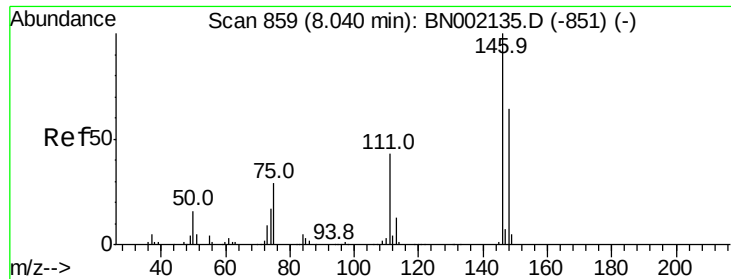
Abundance

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





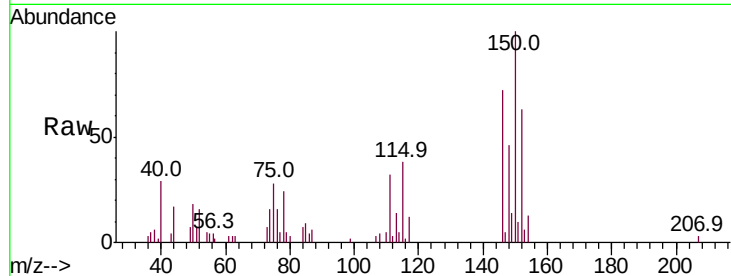
#14
1,2-Dichlorobenzene
Concen: 0.863 ng
RT: 8.04 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.3	73.9
111	43.7	34.3	51.5

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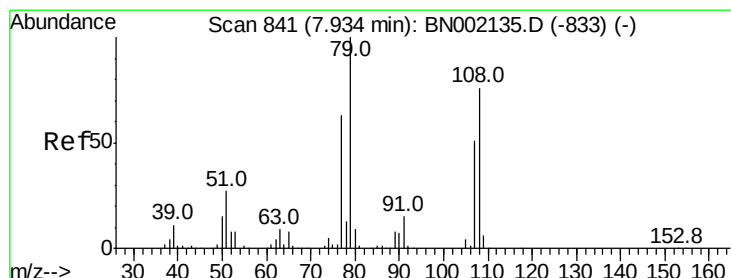
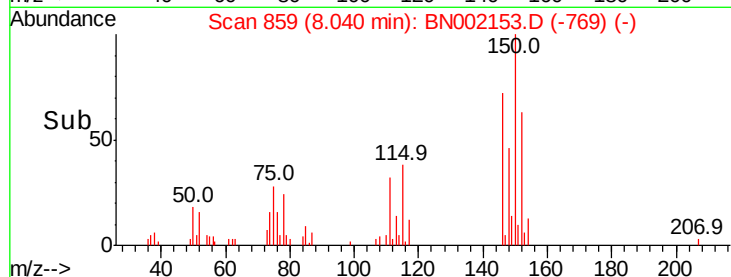
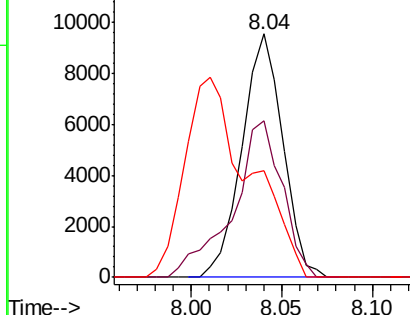


Abundance

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: 0.502 ng
RT: 7.94 min Scan# 842
Delta R.T. 0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

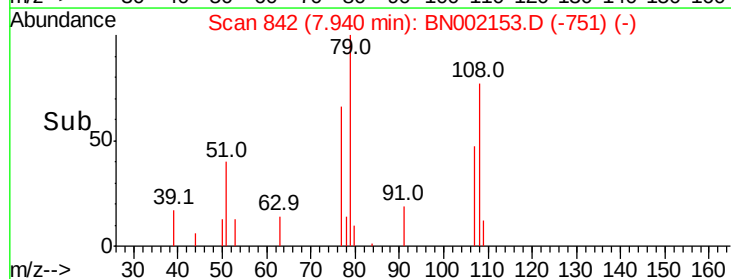
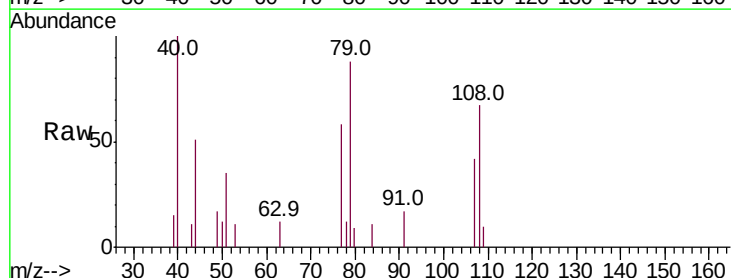
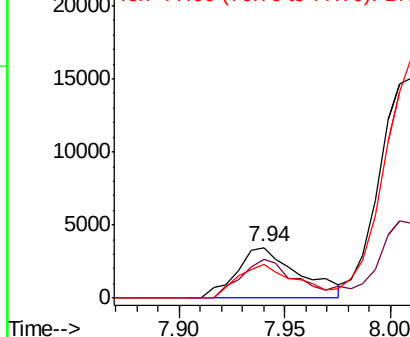
Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.8	57.2	85.8
77	66.3	46.1	69.1

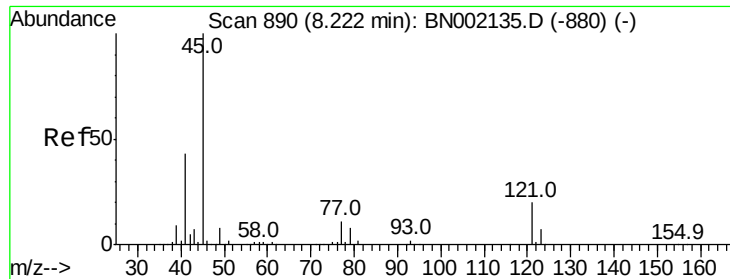
Abundance

Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC





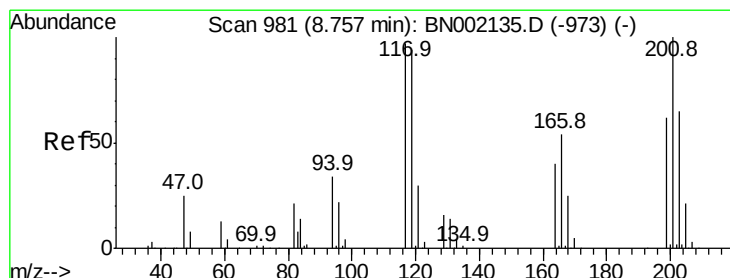
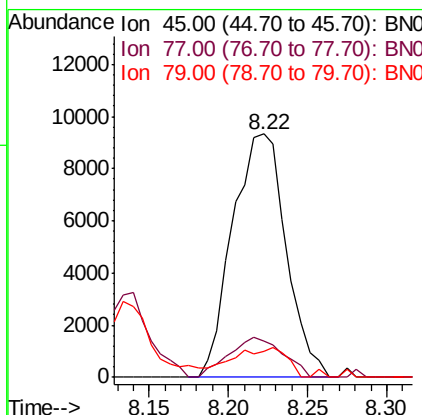
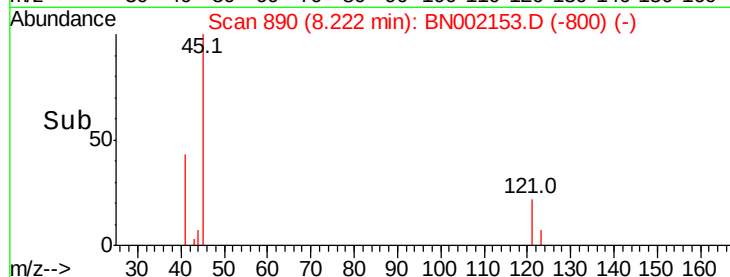
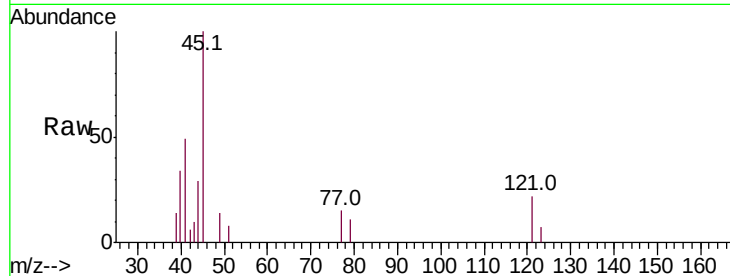
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.870 ng
RT: 8.22 min Scan# 890
Delta R.T. -0.00 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	30.2
79	10.7	0.0	27.9

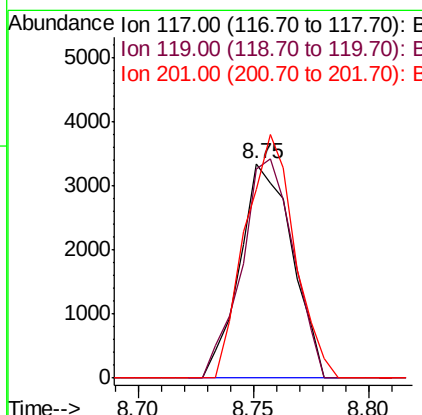
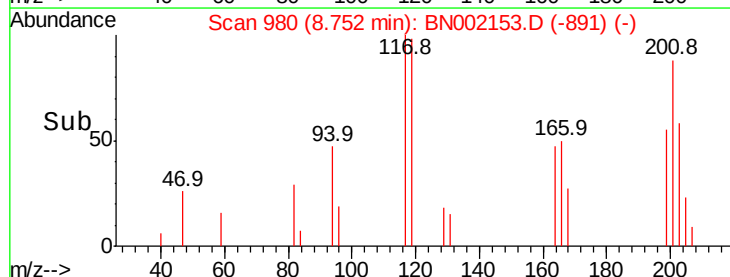
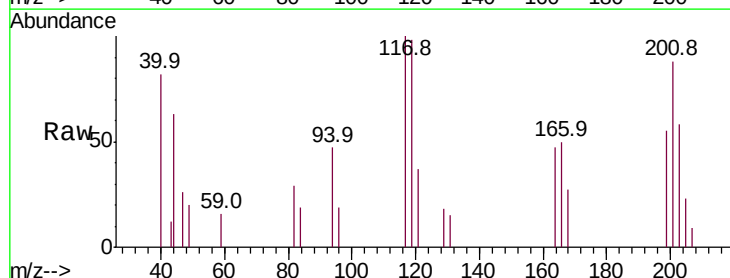
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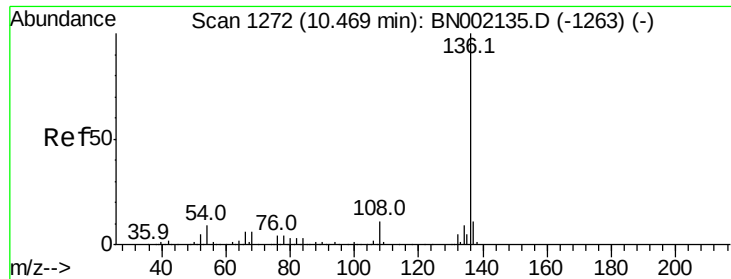
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#18
Hexachloroethane
Concen: 0.807 ng
RT: 8.75 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.7	115.1
201	87.7	95.7	143.5#





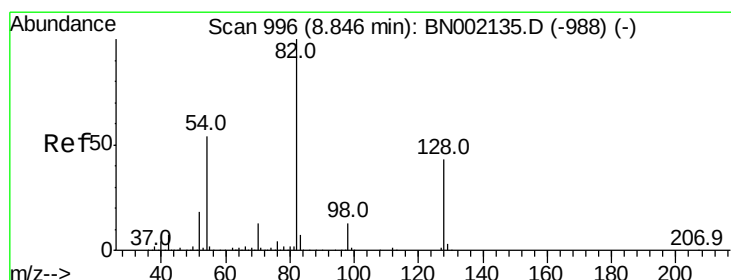
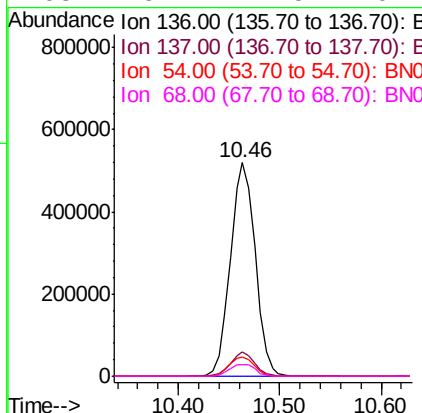
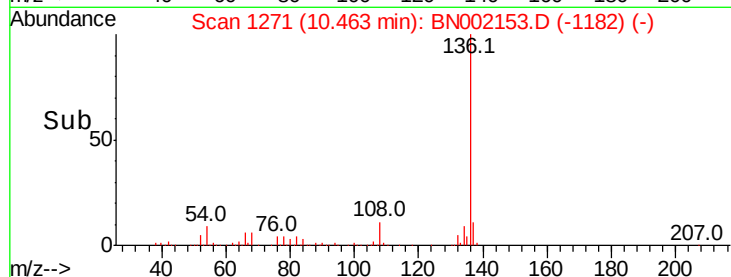
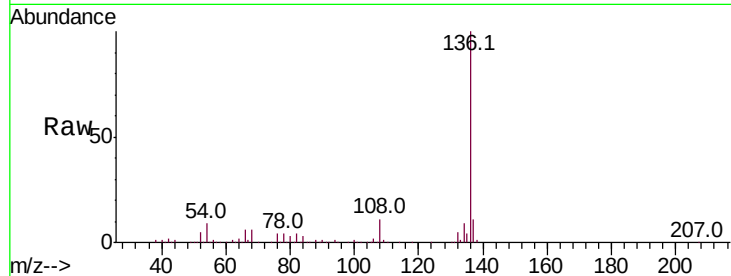
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	9.0	10.3	15.5	
68	5.7	4.5	6.7	

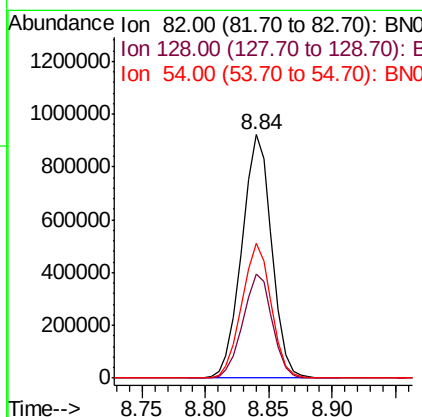
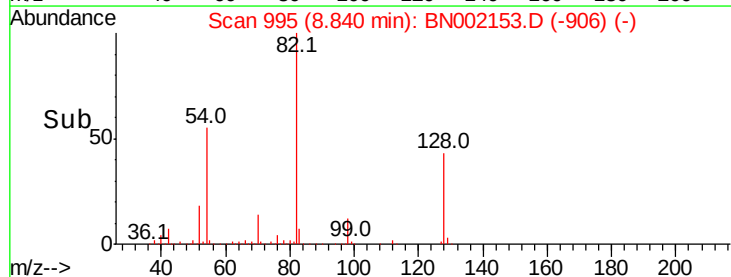
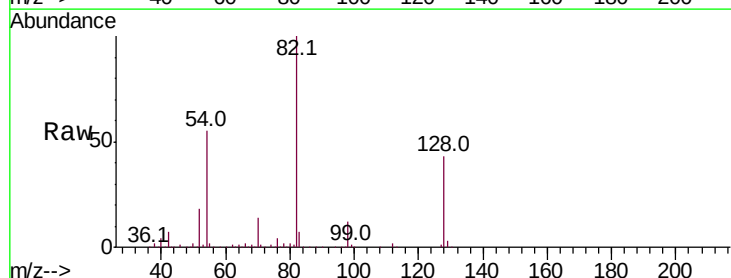
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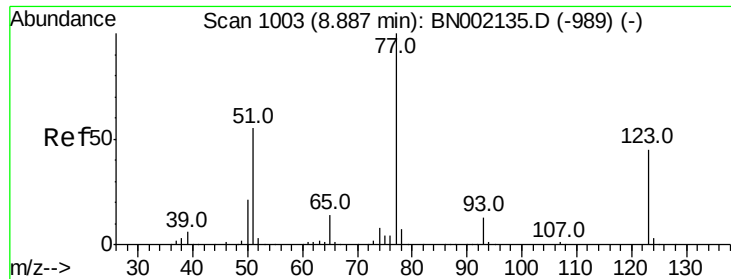
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#23
Nitrobenzene-d5
Concen: 87.599 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	29.7	44.5	
54	55.1	43.1	64.7	





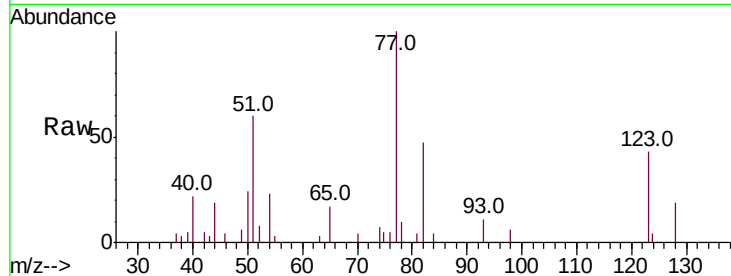
#24
Nitrobenzene
Concen: 0.926 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

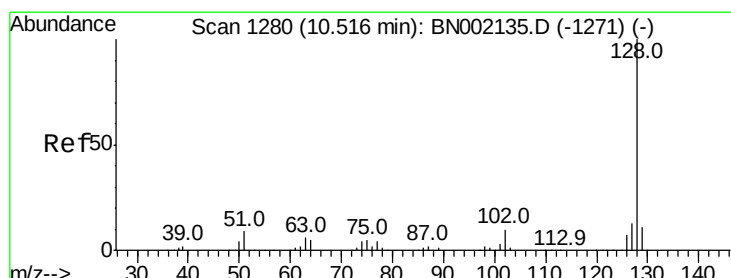
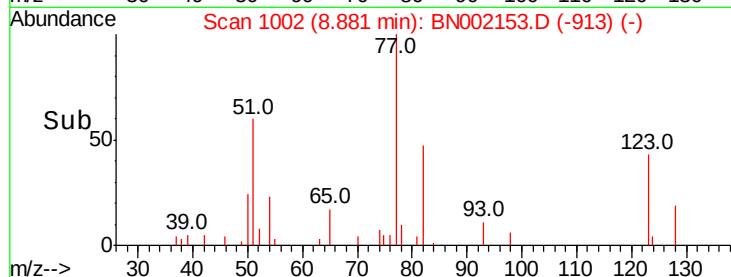
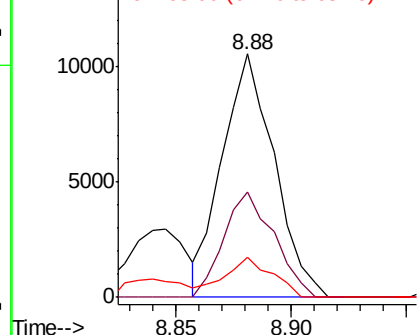
Tot Ion	Ratio	Lower	Upper
77	100		
123	43.3	33.0	49.6
65	16.5	13.0	19.6

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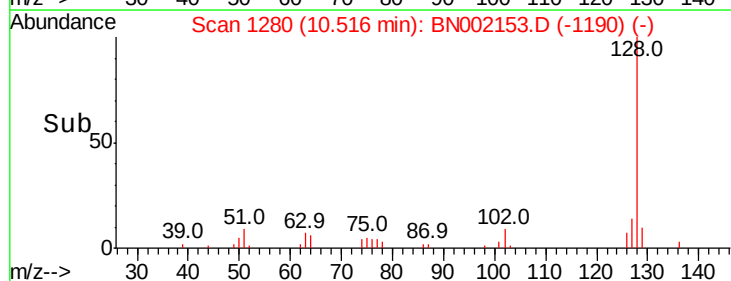
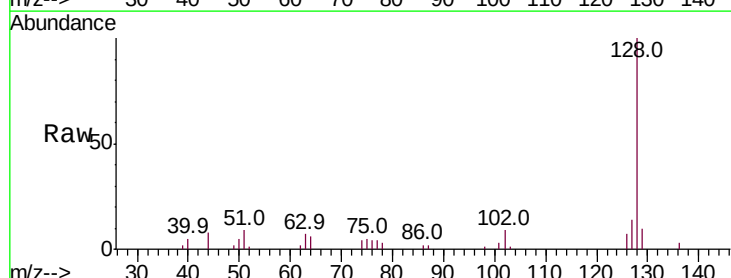
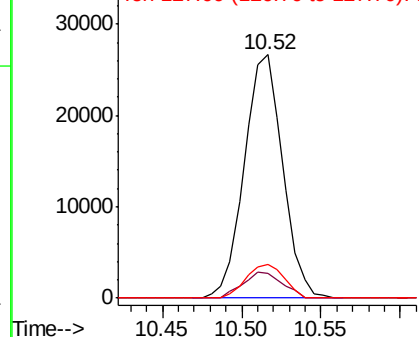
Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BN0

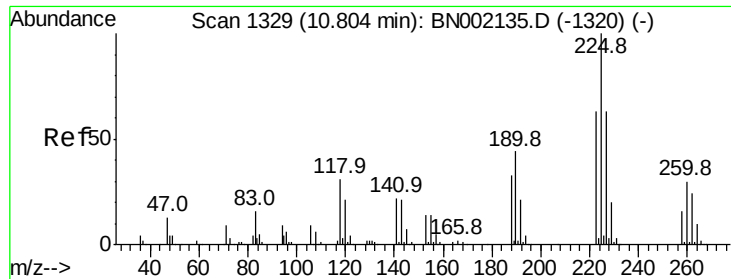


#31
Naphthalene
Concen: 1.005 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	14.0	11.6	17.4

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#34

Hexachlorobutadiene

Concen: 0.872 ng

RT: 10.80 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:225 Resp: 8445

Ion Ratio Lower Upper

225 100

223 57.8 49.7 74.5

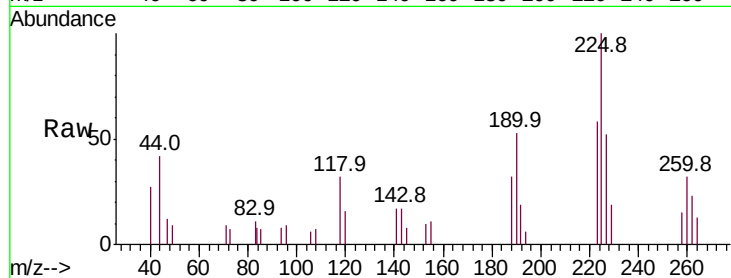
227 51.5 48.1 72.1

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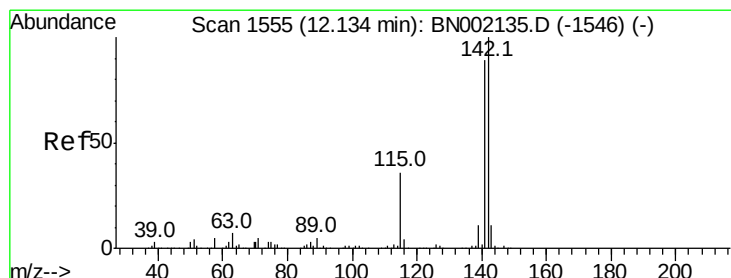
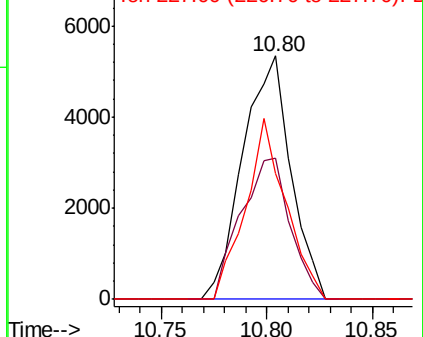
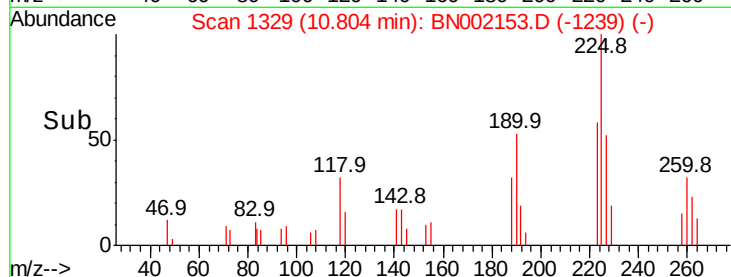
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37

2-Methylnaphthalene

Concen: 1.004 ng

RT: 12.13 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

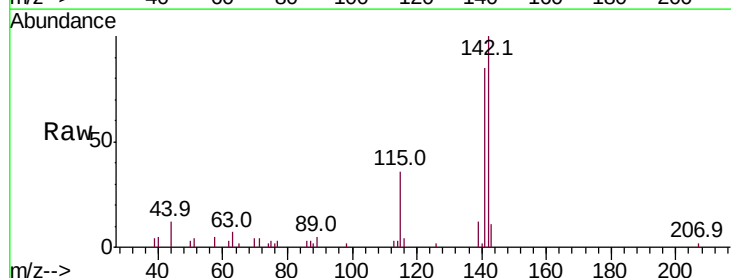
Tgt Ion:142 Resp: 31554

Ion Ratio Lower Upper

142 100

141 84.6 67.1 100.7

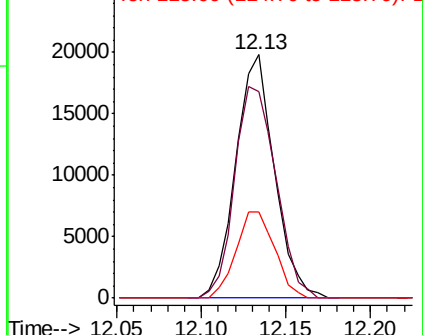
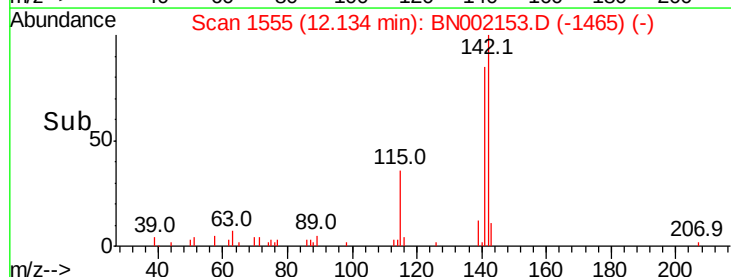
115 35.6 30.7 46.1

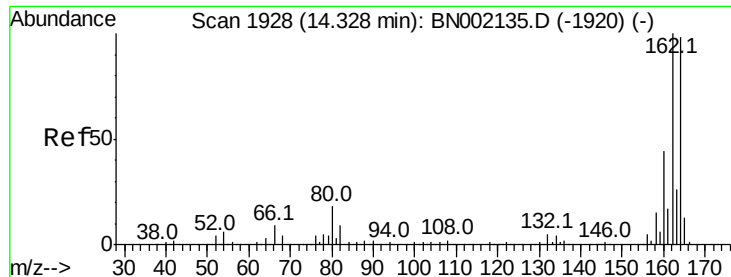


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

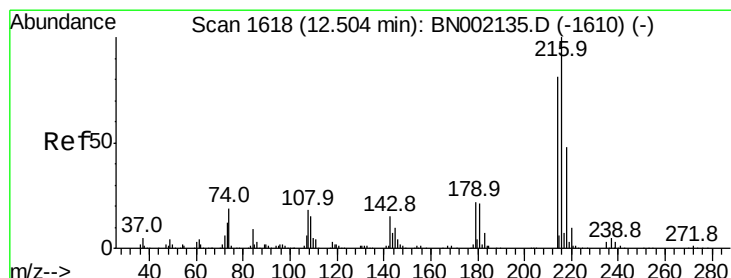
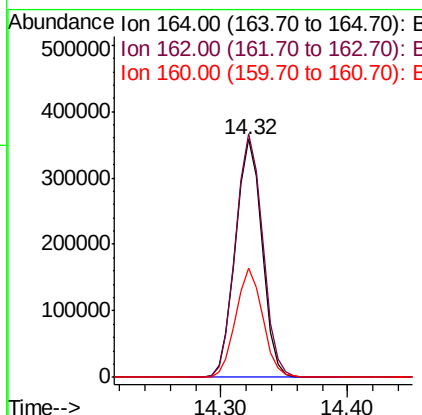
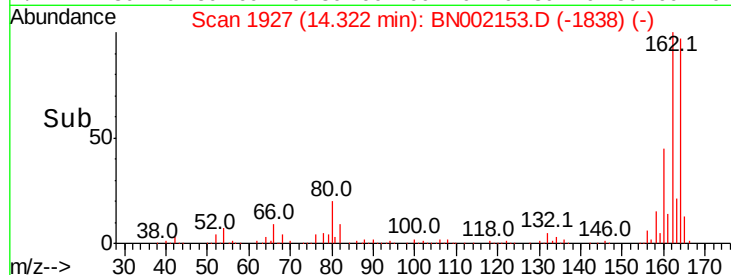
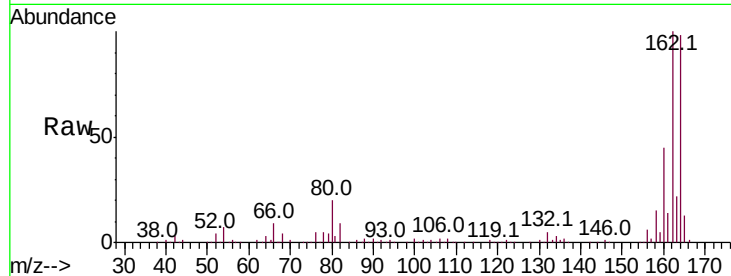
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	164	Resp:	518501
Ion Ratio	Lower	Upper	
164	100		
162	102.3	78.8	118.2
160	45.9	35.4	53.0

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.905 ng

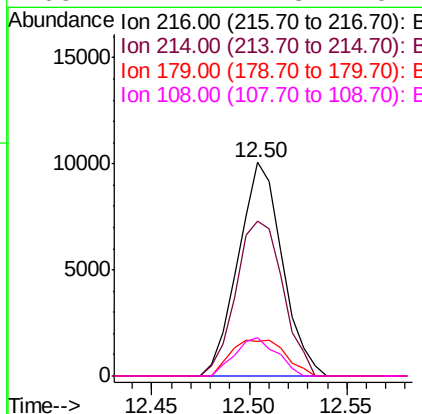
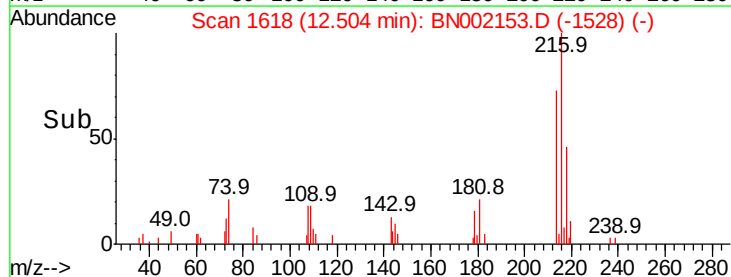
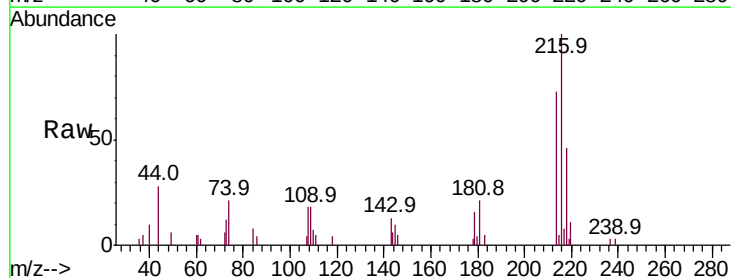
RT: 12.50 min Scan# 1618

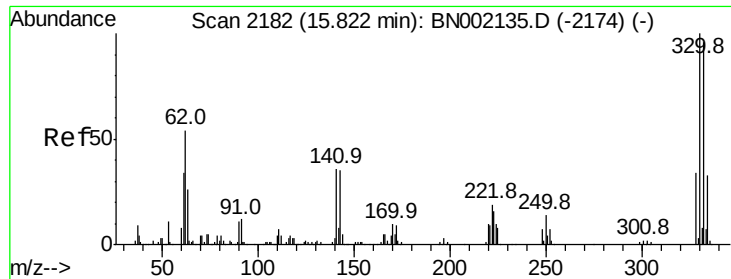
Delta R.T. -0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion:	216	Resp:	15772
Ion Ratio	Lower	Upper	
216	100		
214	77.1	63.0	94.4
179	20.7	17.0	25.6
108	17.1	12.8	19.2





#41

2,4,6-Tribromophenol

Concen: 126.088 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

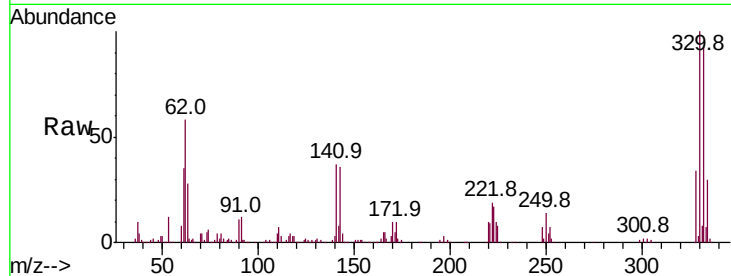
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

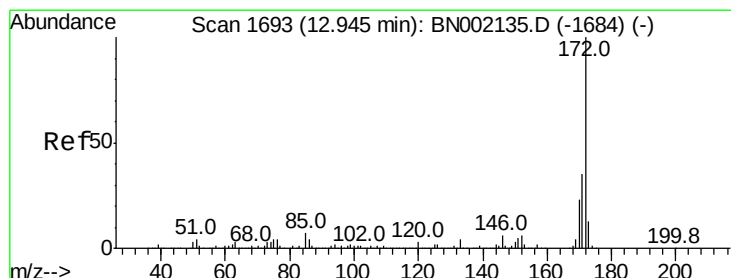
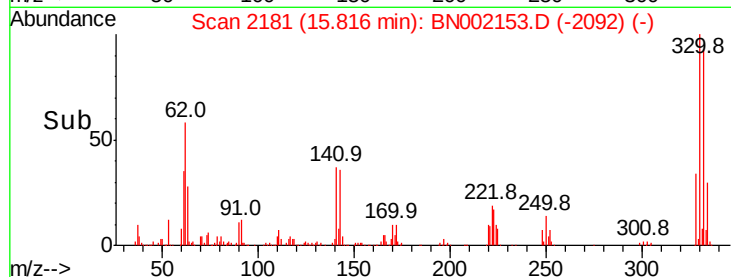
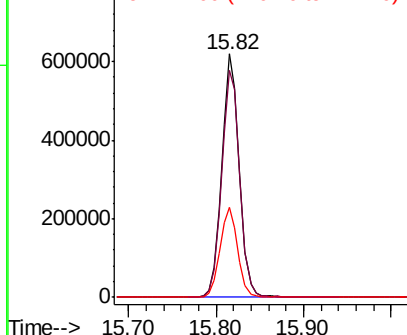
Tot Ion:	330	Resp:	848942
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	37.4	25.2	37.8

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



#44

2-Fluorobiphenyl

Concen: 85.761 ng

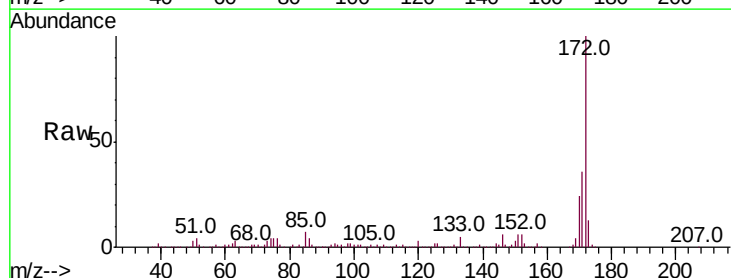
RT: 12.94 min Scan# 1692

Delta R.T. -0.01 min

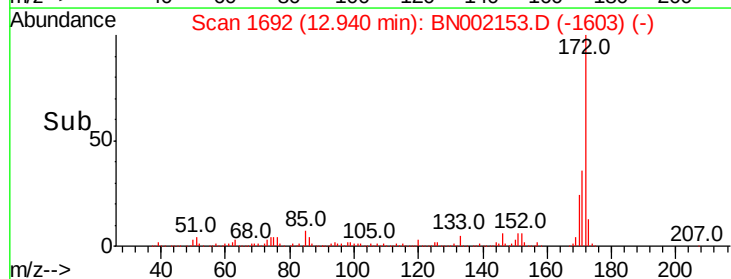
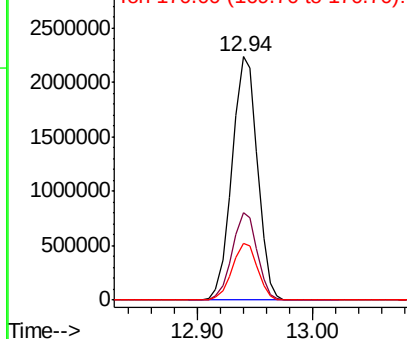
Lab File: BN002153.D

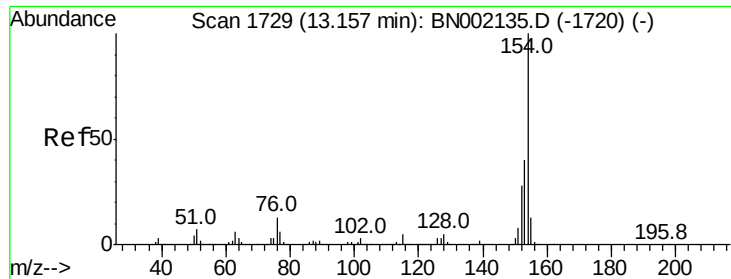
Acq: 26 Jul 2018 01:23

Tgt Ion:	172	Resp:	3413973
Ion Ratio	Lower	Upper	
172	100		
171	35.8	30.0	45.0
170	23.5	19.5	29.3



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: 1.013 ng

RT: 13.15 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

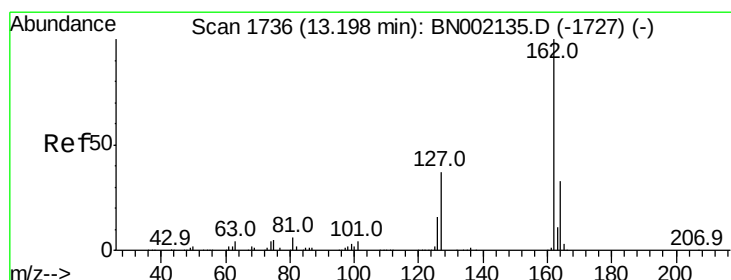
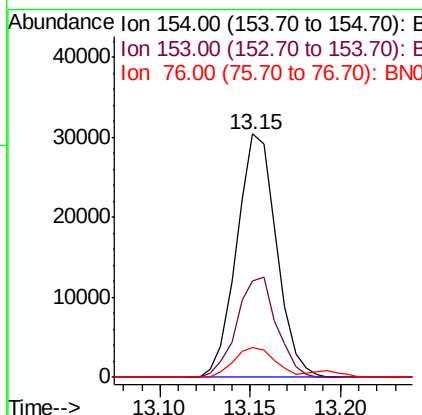
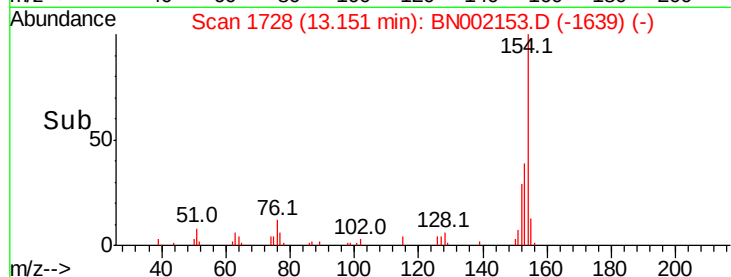
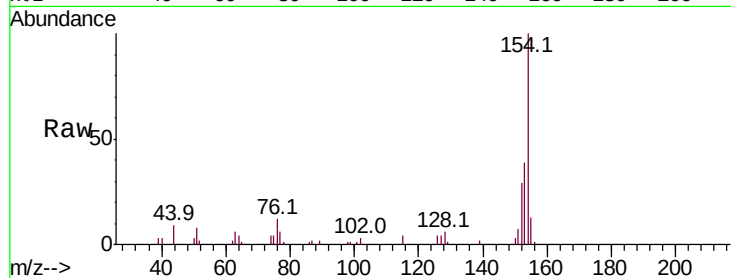
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	154	Resp:	46202
Ion Ratio	Lower	Upper	
154	100		
153	39.3	19.8	59.8
76	12.4	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 0.914 ng

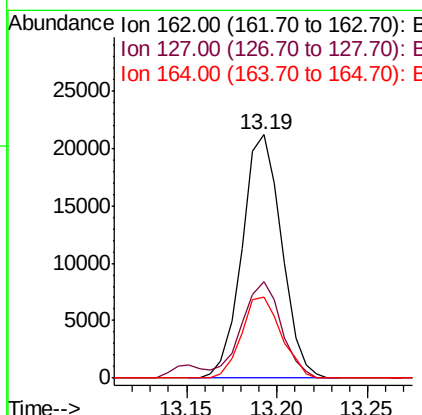
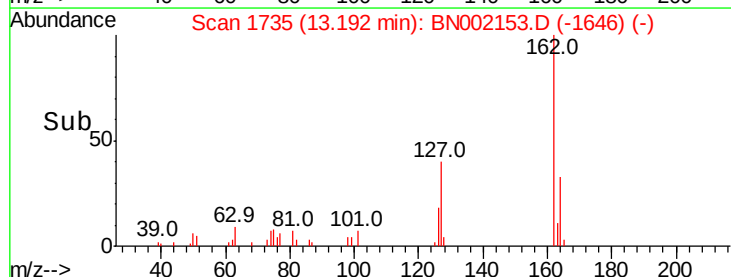
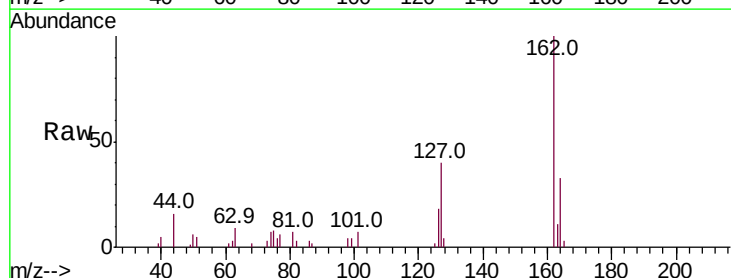
RT: 13.19 min Scan# 1735

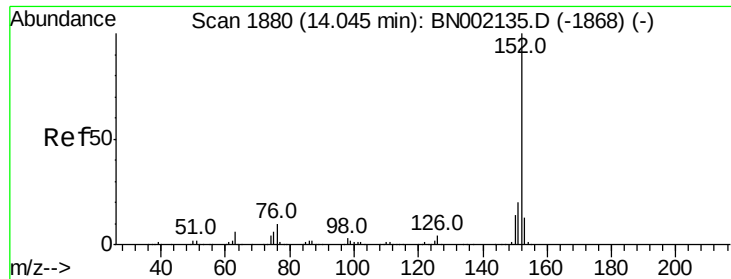
Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion:	162	Resp:	32199
Ion Ratio	Lower	Upper	
162	100		
127	39.7	30.7	46.1
164	33.2	26.0	39.0





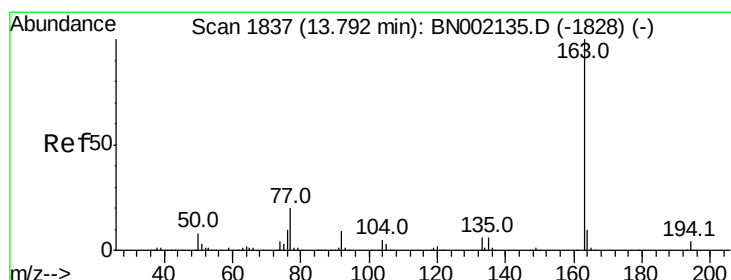
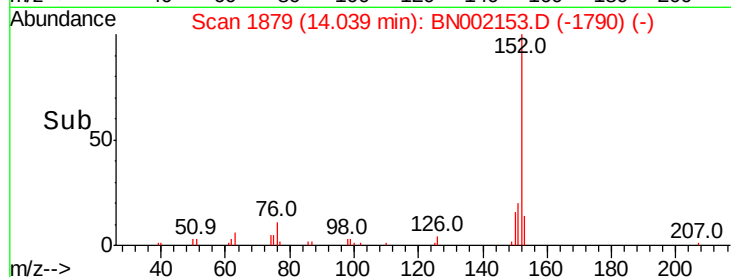
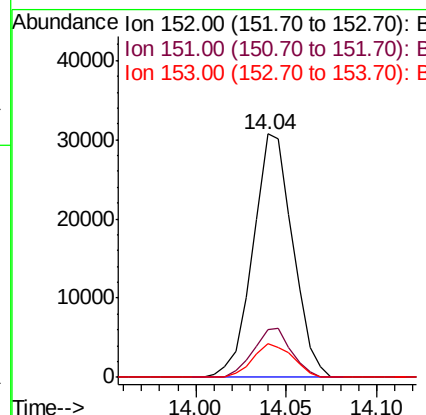
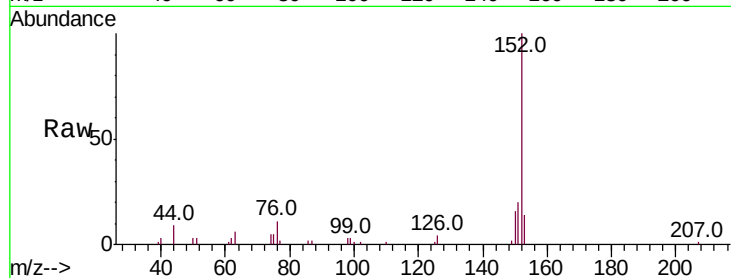
#48
Acenaphthylene
Concen: 0.876 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.2	25.8
153	13.9	10.2	15.4

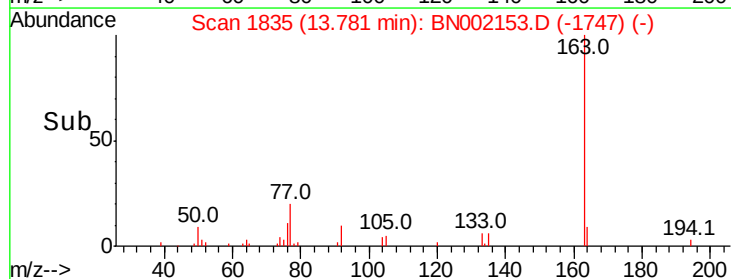
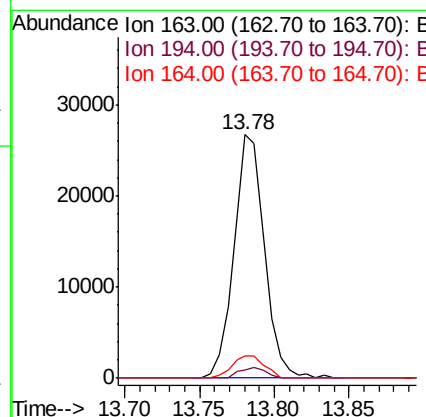
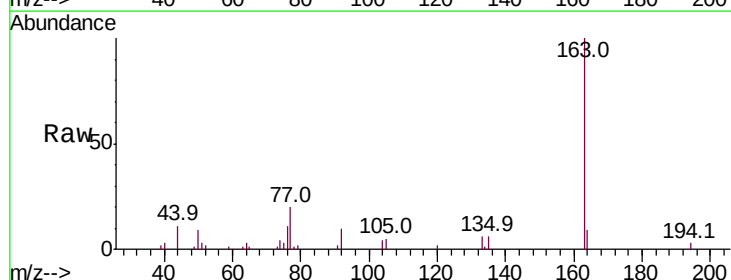
Manual Integrations
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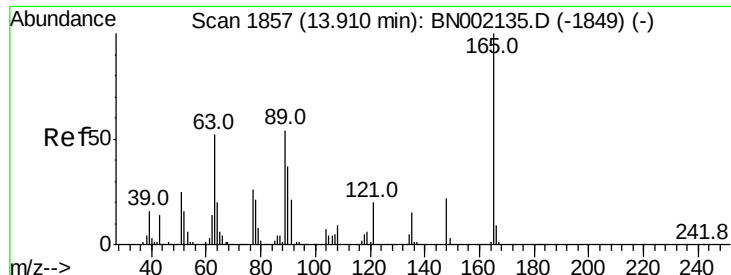
Sohil
7/27/2018 11:35:47 AM



#49
Dimethylphthalate
Concen: 0.886 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	8.9	8.2	12.4





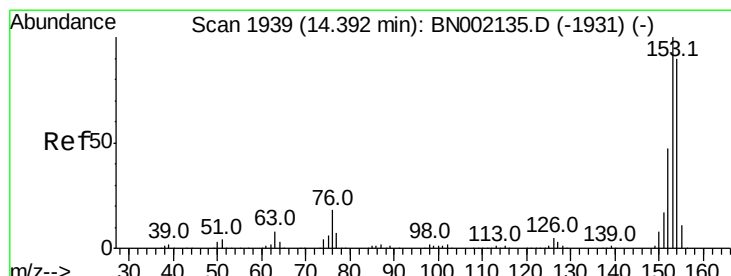
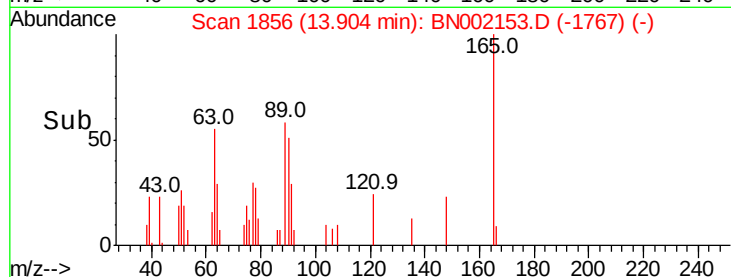
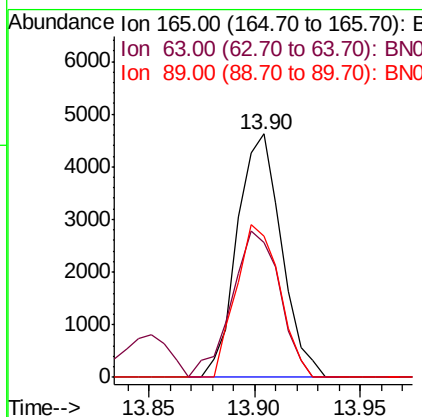
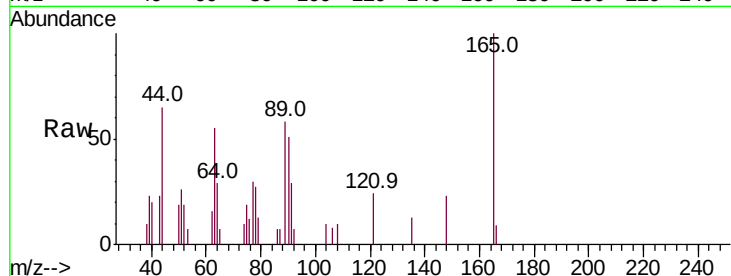
#50
2,6-Dinitrotoluene
Concen: 0.703 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	52.7	79.1
89	57.9	49.2	73.8

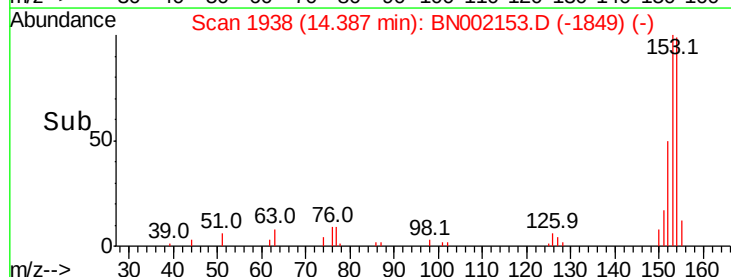
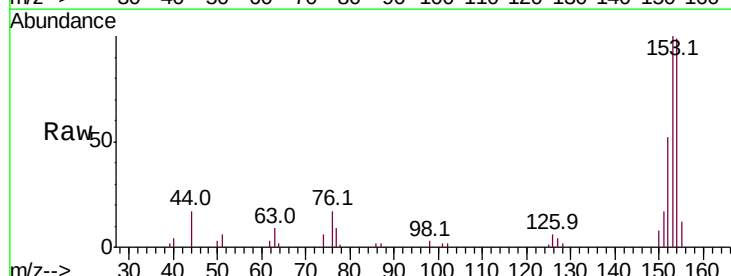
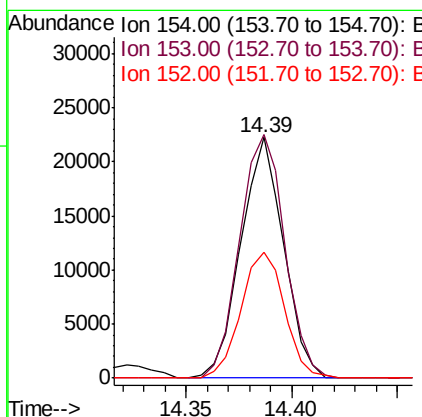
Manual Integrations
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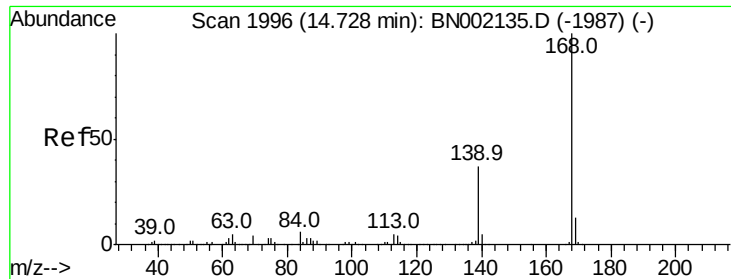
Sohil
7/27/2018 11:35:47 AM



#51
Acenaphthene
Concen: 0.969 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	101.2	90.4	135.6
152	52.3	41.6	62.4





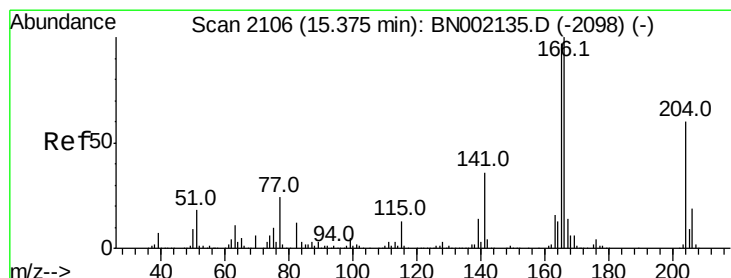
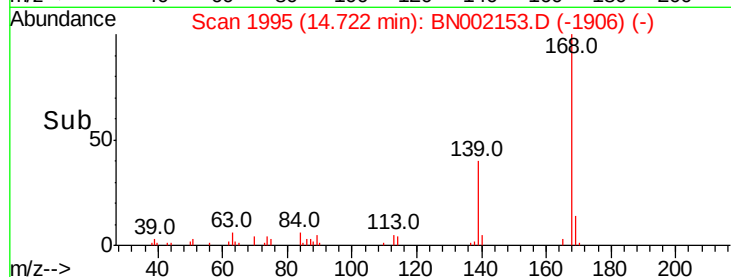
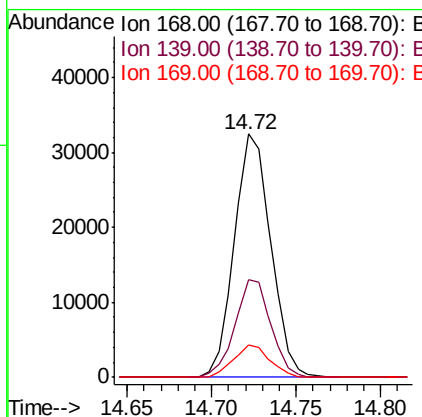
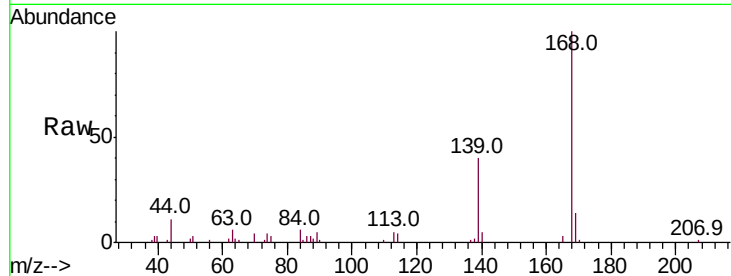
#54
Dibenzenofuran
Concen: 0.937 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	28.6	43.0
169	13.6	11.2	16.8

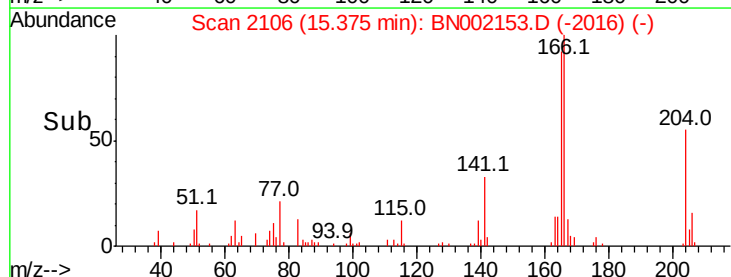
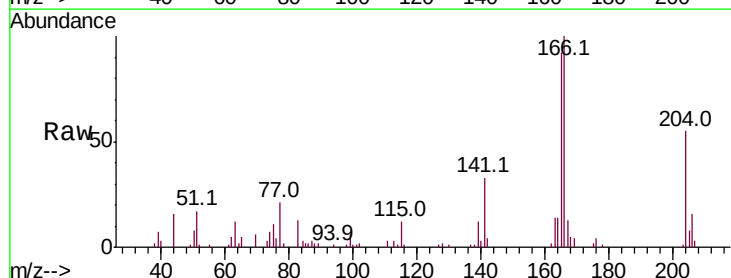
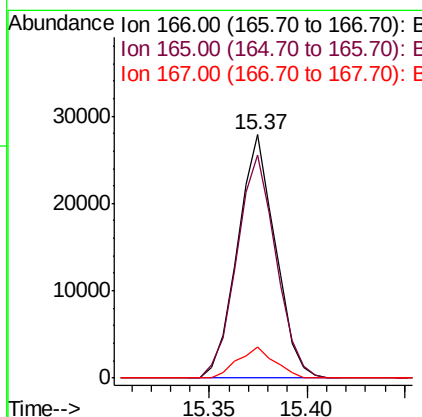
Manual Integrations
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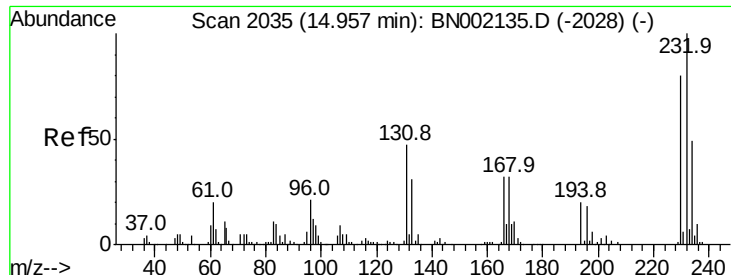
Sohil
7/27/2018 11:35:47 AM



#57
Fluorene
Concen: 0.950 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.8	80.6	121.0
167	12.8	10.4	15.6





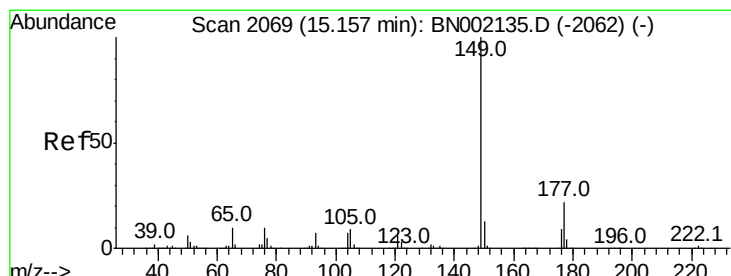
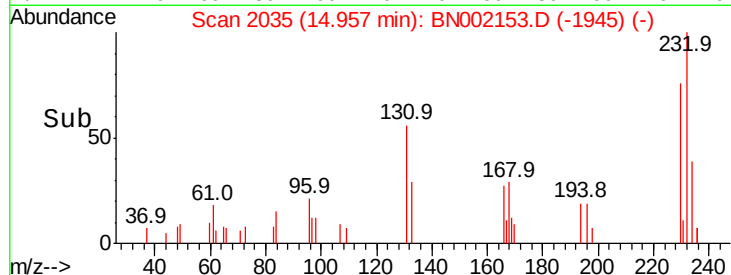
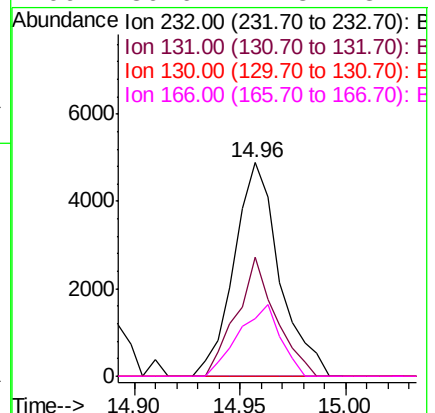
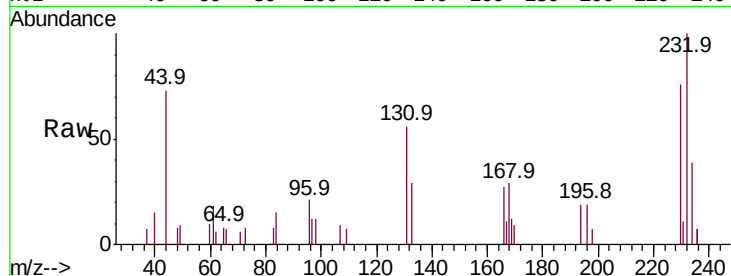
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.685 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BN002153.D
 Acq: 26 Jul 2018 01:23

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	33.5	50.3
130	0.0	2.2	3.2
166	30.6	24.8	37.2

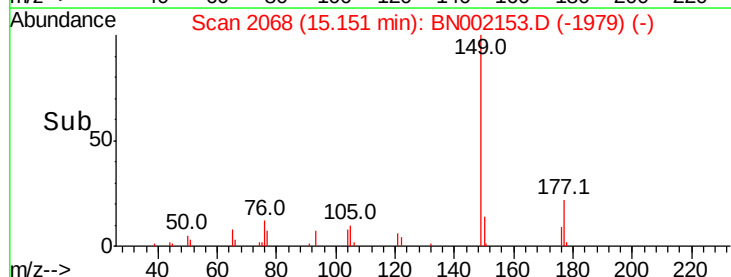
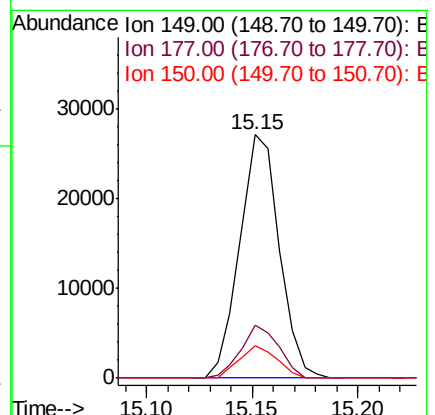
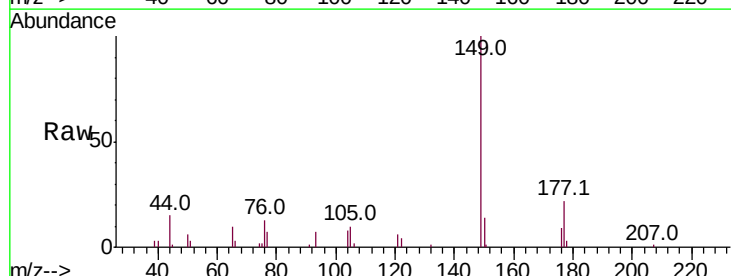
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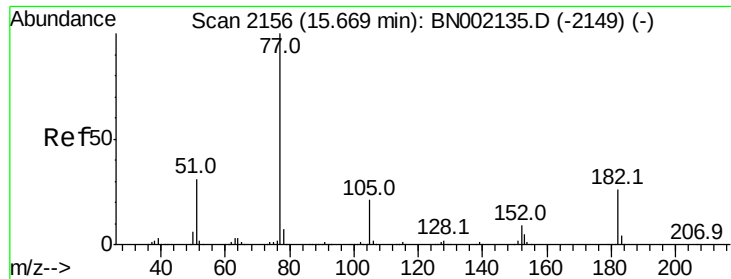
Sohil
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#59
 Diethylphthalate
 Concen: 0.803 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BN002153.D
 Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.5	27.7
150	13.6	10.2	15.2





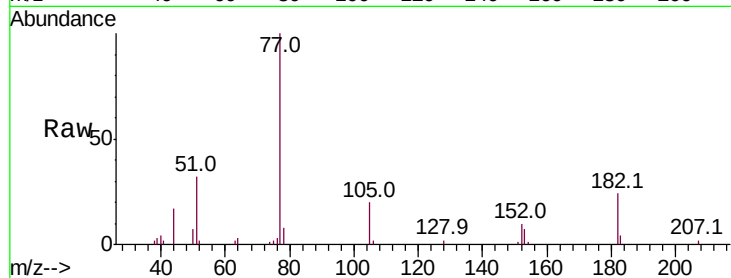
#62
Azobenzene
Concen: 0.786 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

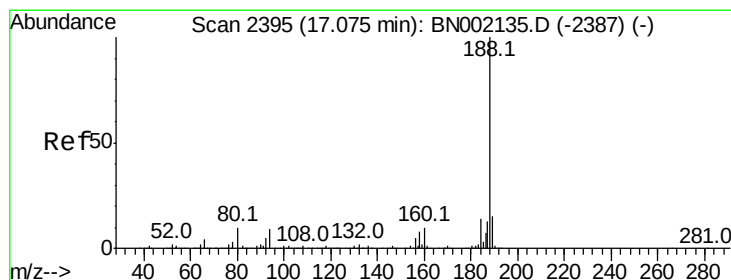
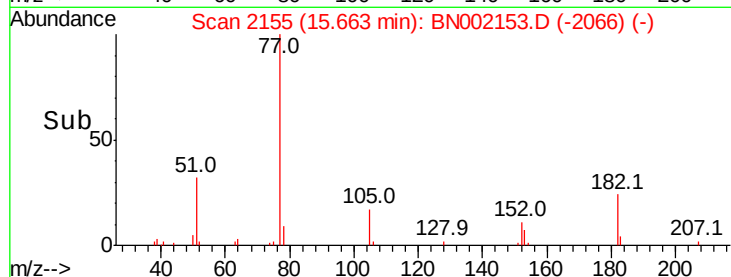
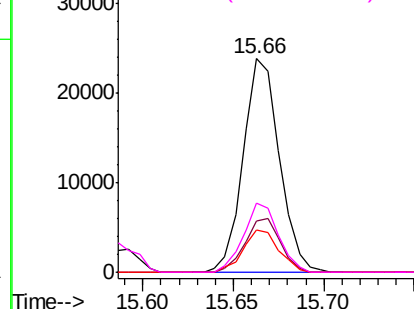
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.1	7.4	47.4
105	19.8	0.3	40.3
51	32.4	11.6	51.6

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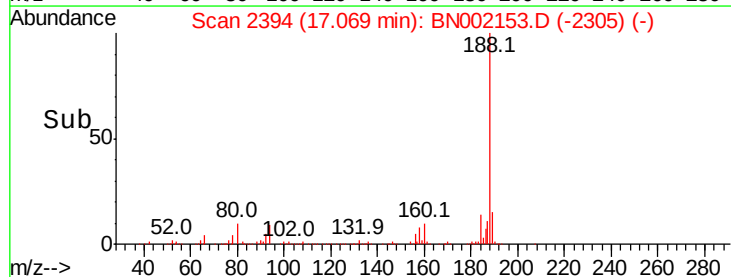
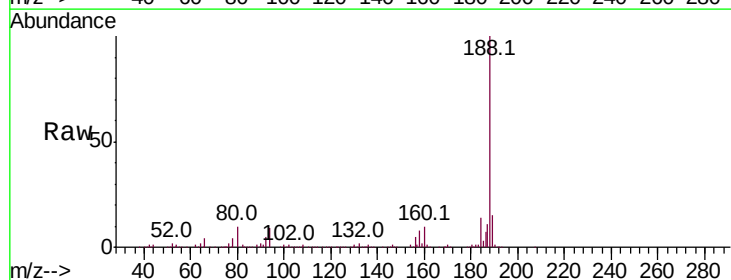
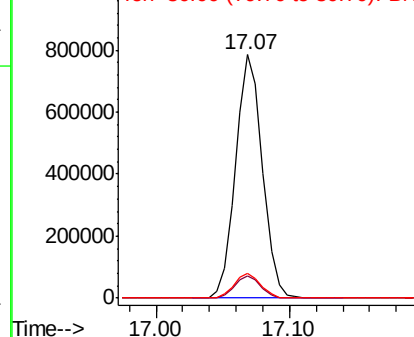
Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 51.00 (50.70 to 51.70): BNC

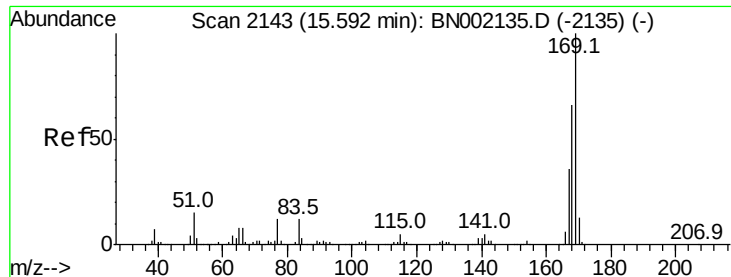


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.3	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BNC
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC





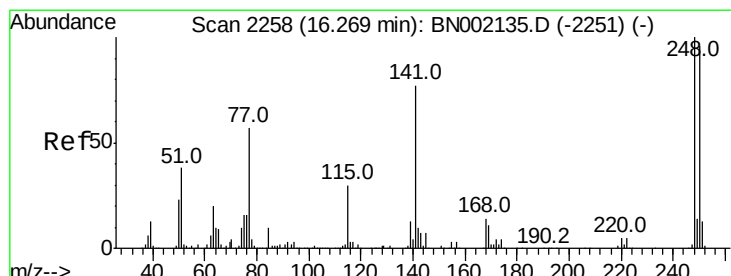
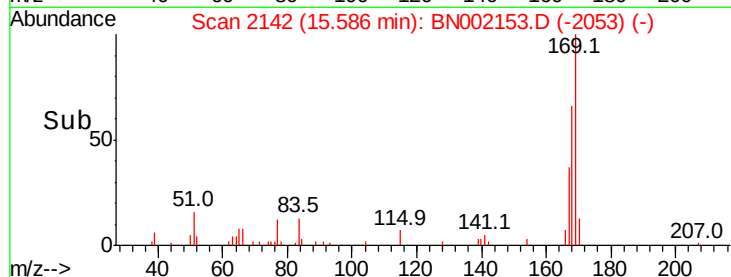
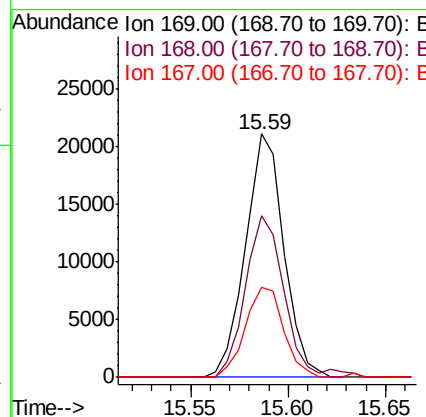
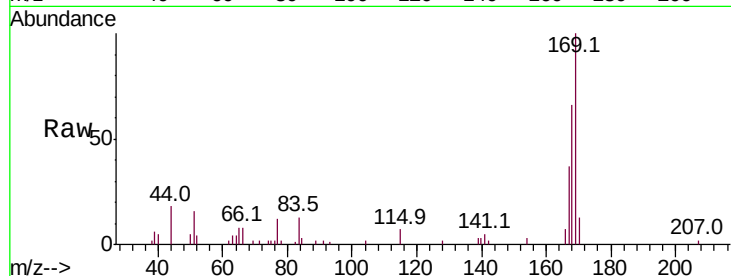
#65
 n-Nitrosodiphenylamine
 Concen: 0.792 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN002153.D
 Acq: 26 Jul 2018 01:23

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.4	55.7	83.5
167	37.1	30.1	45.1

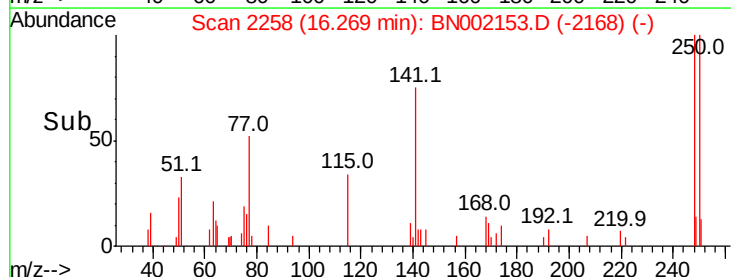
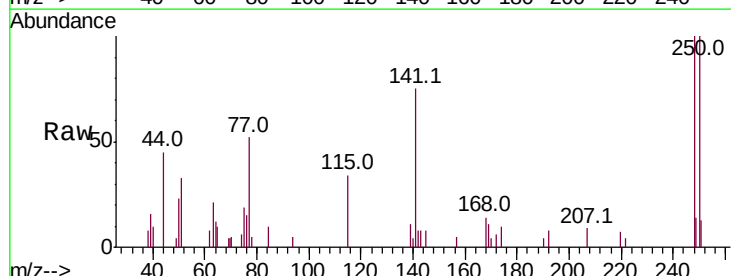
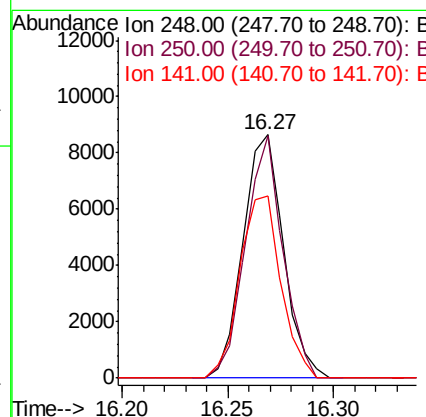
Manual Integrations
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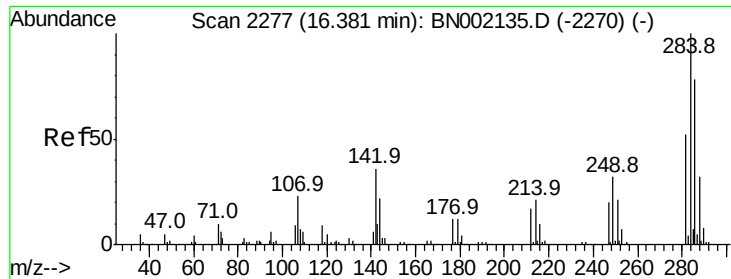
Sohil
 7/27/2018 11:35:47 AM



#66
 4-Bromophenyl-phenylether
 Concen: 0.894 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BN002153.D
 Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.1	115.7
141	75.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 0.882 ng

RT: 16.38 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

ClientSampleId :

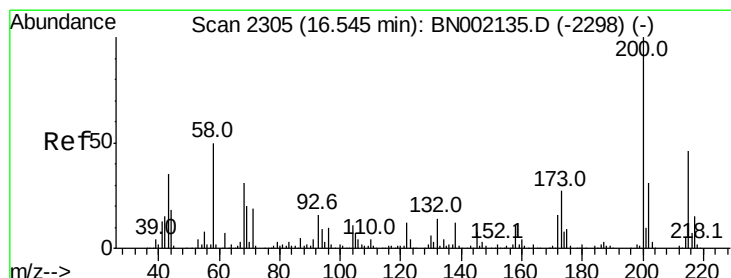
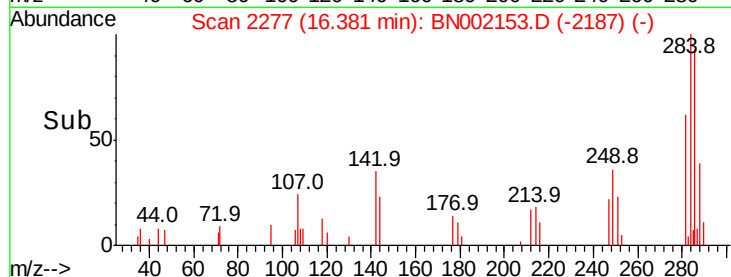
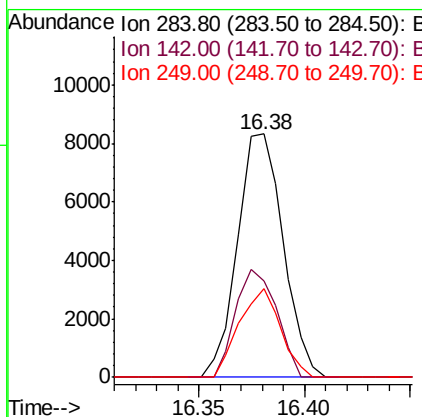
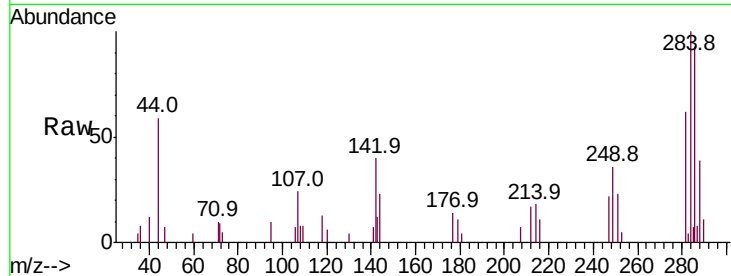
LOD-MDL-WATER-01-QT3-2018

Tot Ion:	284	Resp:	12533
Ion Ratio	Lower	Upper	
284	100		
142	51.9	26.8	40.2#
249	36.2	26.3	39.5

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#68

Atrazine

Concen: 0.677 ng

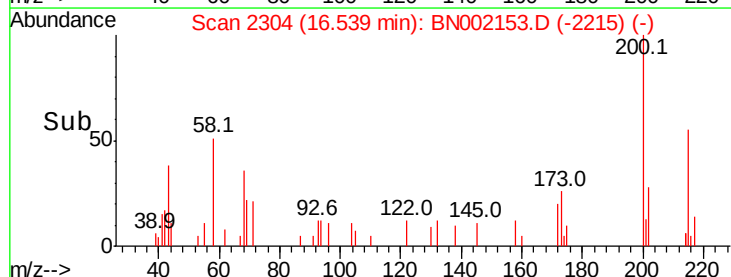
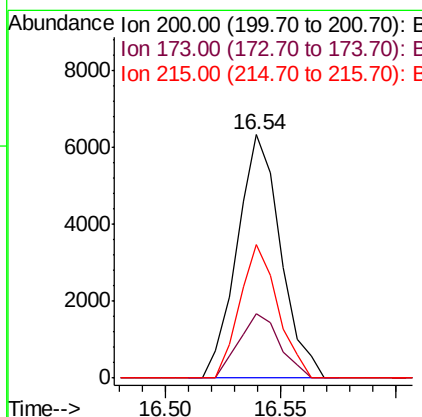
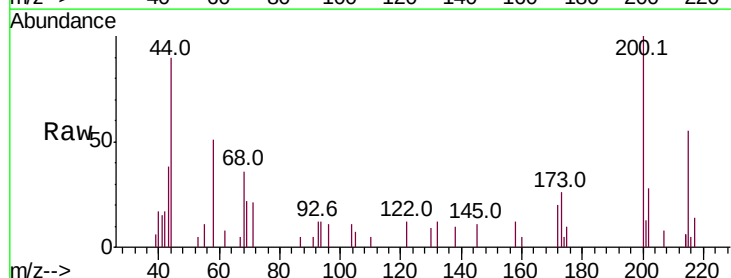
RT: 16.54 min Scan# 2304

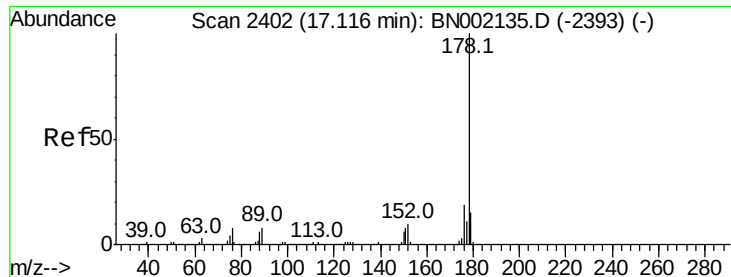
Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion:	200	Resp:	8296
Ion Ratio	Lower	Upper	
200	100		
173	26.4	5.2	45.2
215	55.0	30.4	70.4





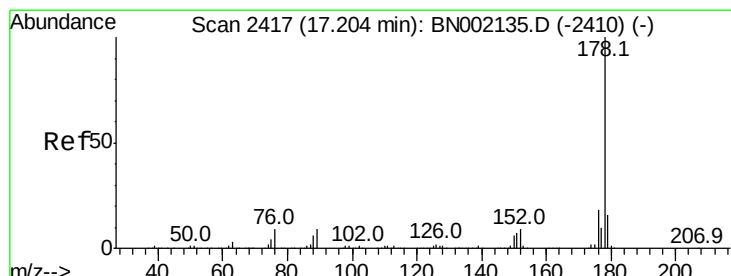
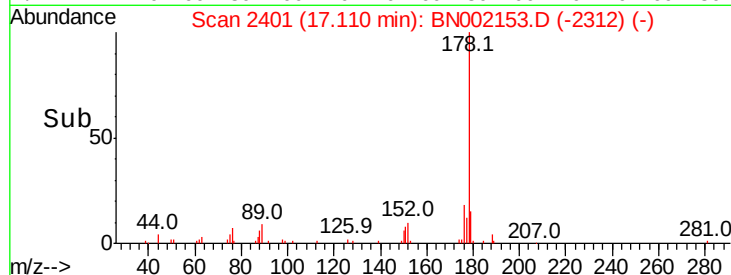
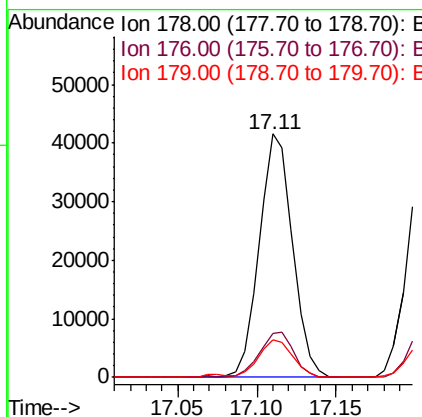
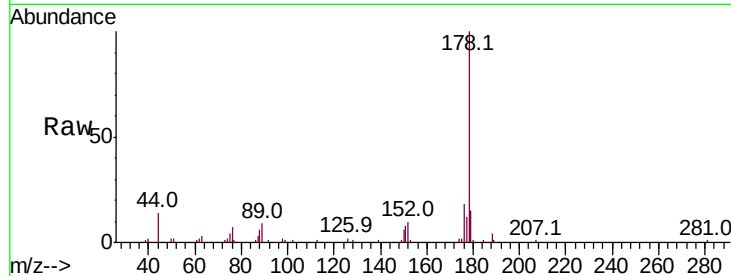
#70
Phenanthrene
Concen: 1.015 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	15.2	12.5	18.7

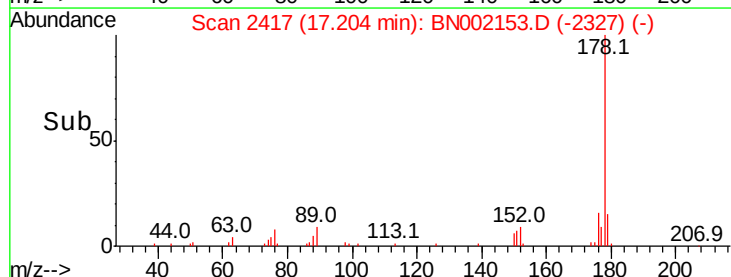
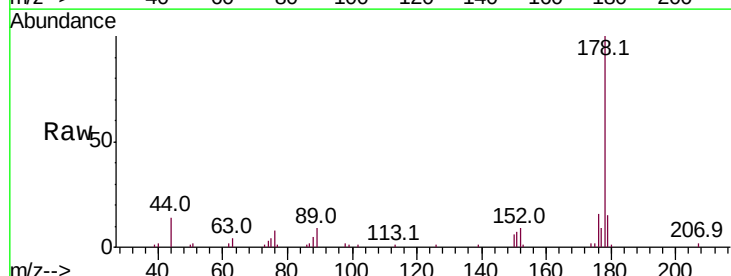
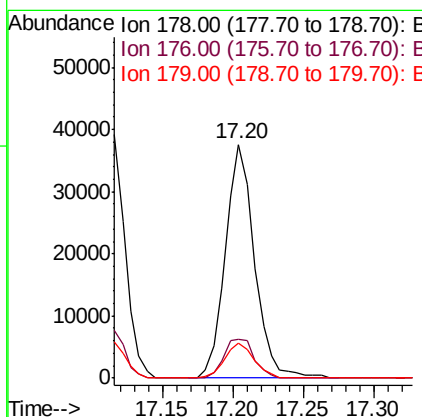
Manual Integrations
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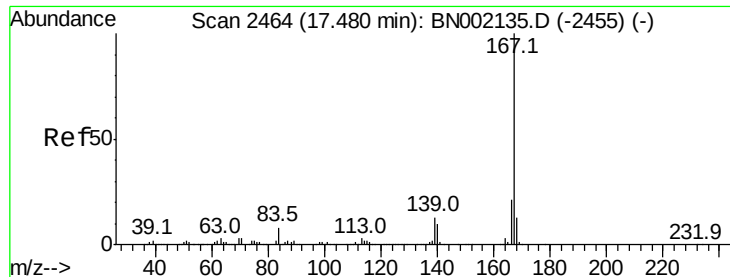
Sohil
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#71
Anthracene
Concen: 0.912 ng
RT: 17.20 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.5	16.0	24.0
179	14.9	12.5	18.7





#72

Carbazole

Concen: 0.719 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

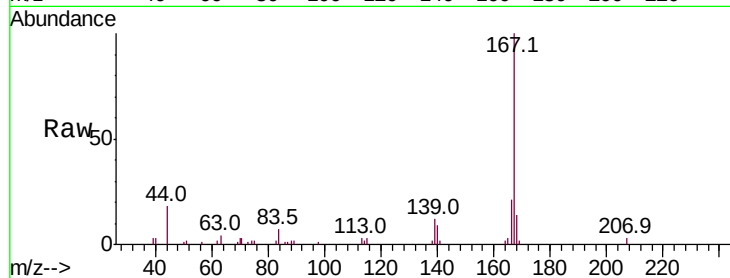
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

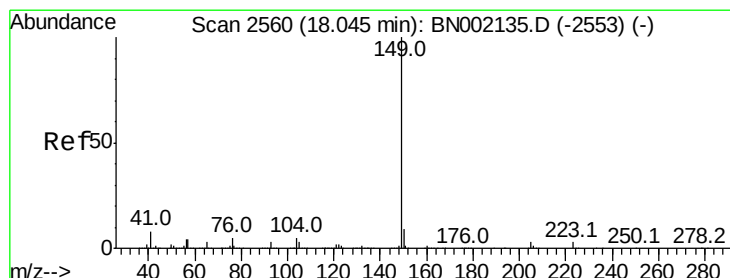
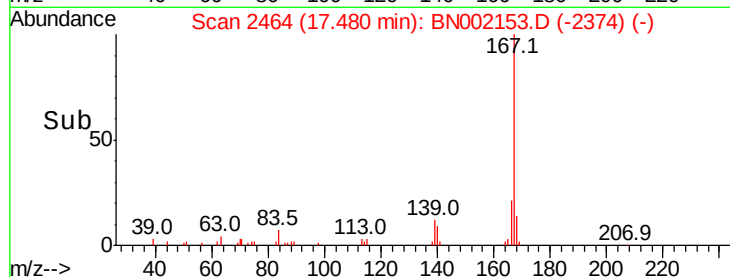
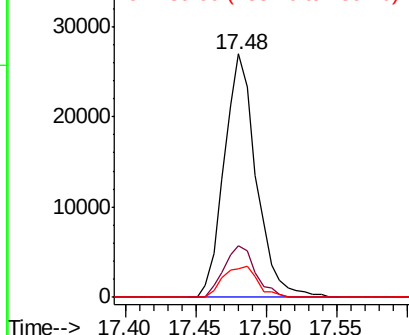
Tot Ion:167	Resp:	42752
Ion Ratio	Lower	Upper
167 100		
166 21.3	18.2	27.4
139 11.9	9.4	14.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.646 ng

RT: 18.05 min Scan# 2560

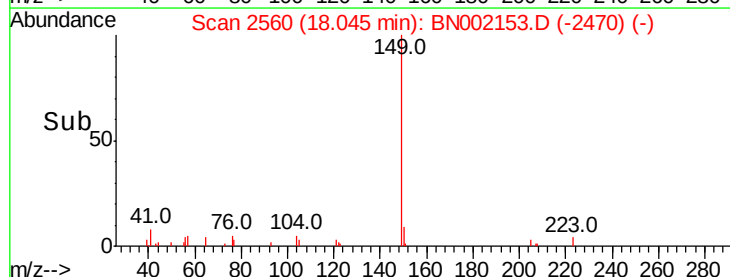
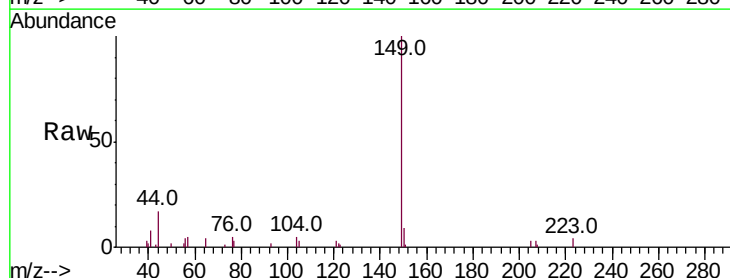
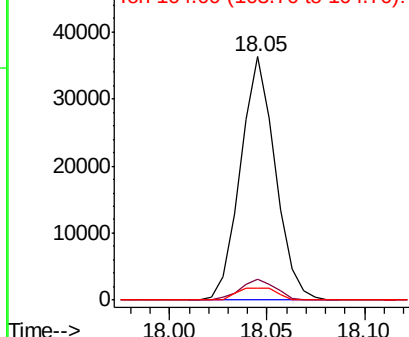
Delta R.T. -0.00 min

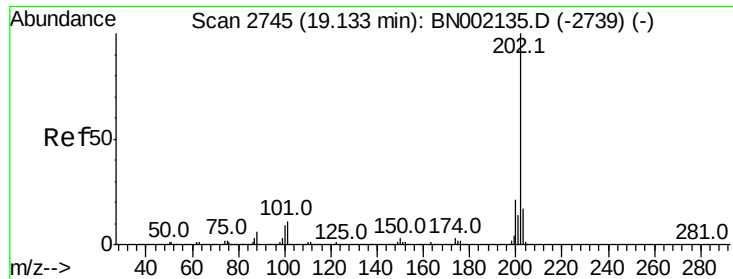
Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion:149	Resp:	44839
Ion Ratio	Lower	Upper
149 100		
150 8.8	7.8	11.6
104 5.0	3.9	5.9

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.836 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

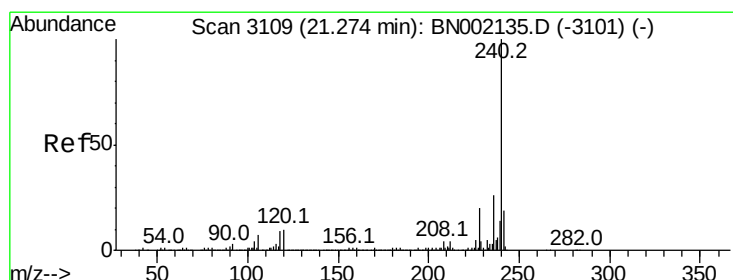
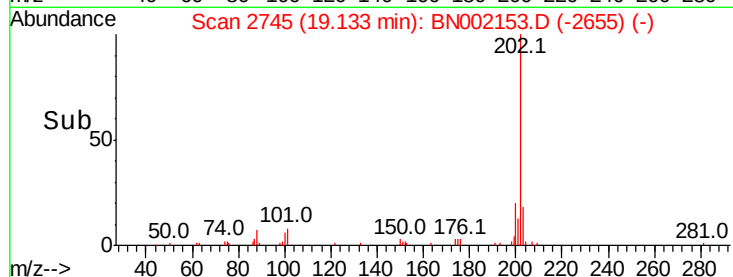
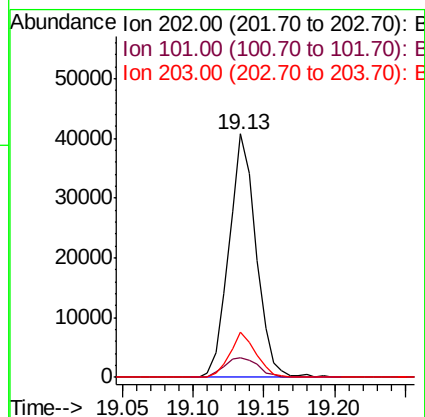
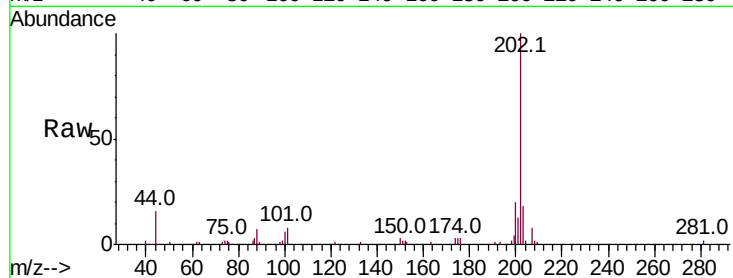
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.9	0.0	28.9	
203	18.4	0.0	37.5	

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#75

Chrysene-d12

Concen: 20.000 ng

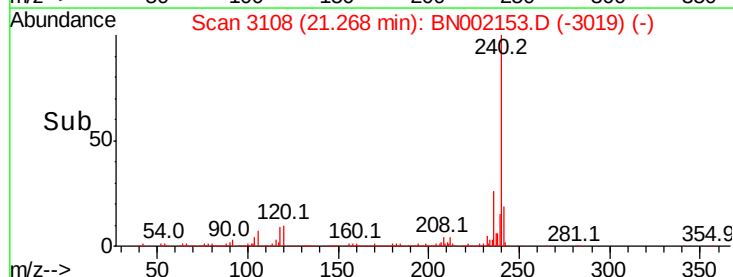
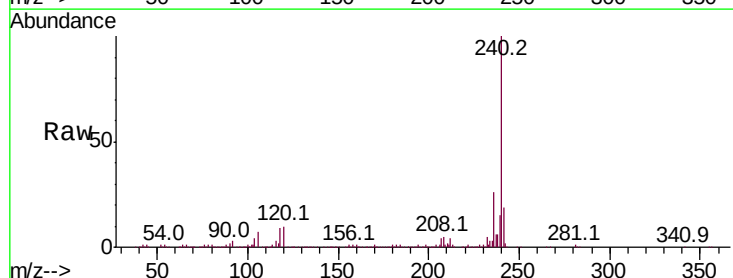
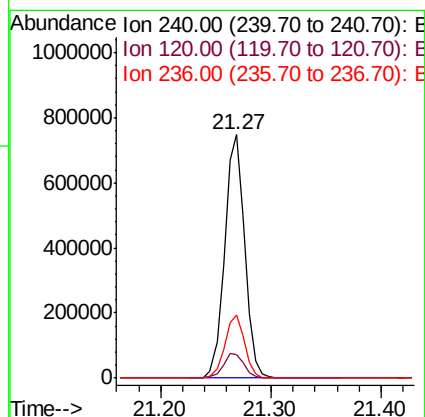
RT: 21.27 min Scan# 3108

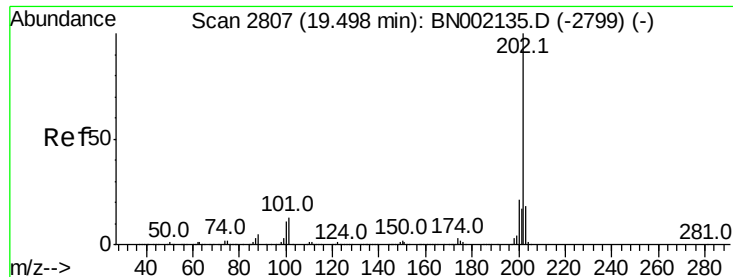
Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.6	6.8	10.2	
236	26.0	20.9	31.3	





#77

Pvrene

Concen: 0.879 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

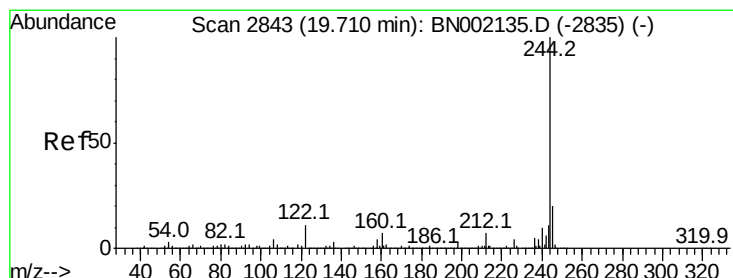
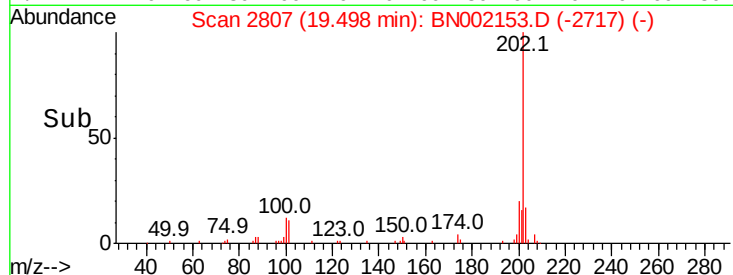
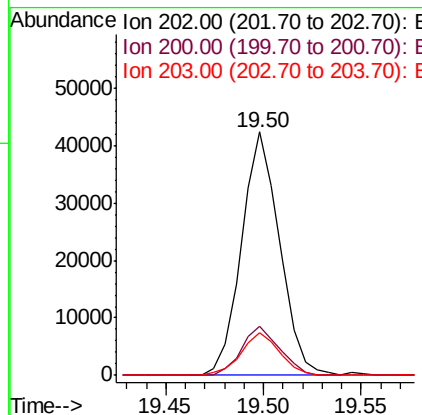
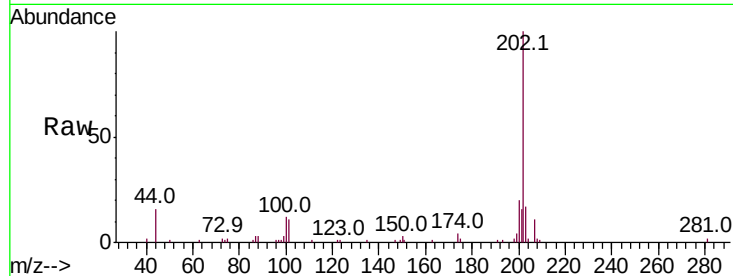
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	202	Resp:	57247
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.9	25.3
203	17.3	13.9	20.9

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#78

Terphenyl-d14

Concen: 107.821 ng

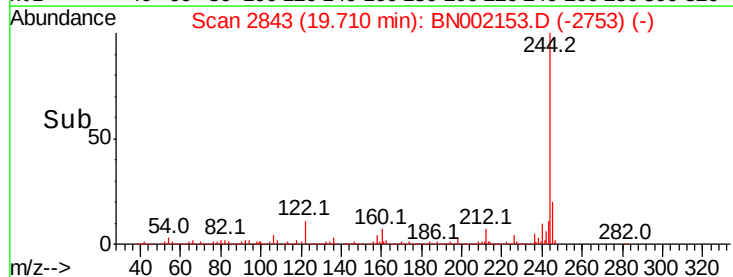
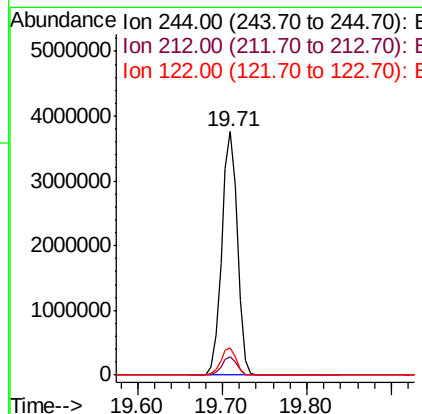
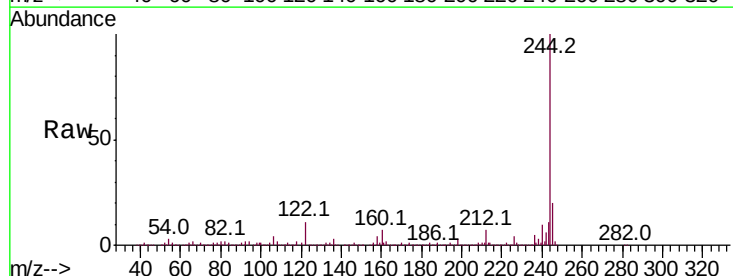
RT: 19.71 min Scan# 2843

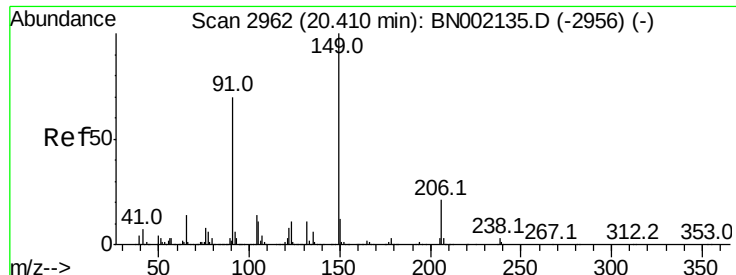
Delta R.T. 0.00 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion:	244	Resp:	4879501
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.8
122	11.2	7.0	10.4#





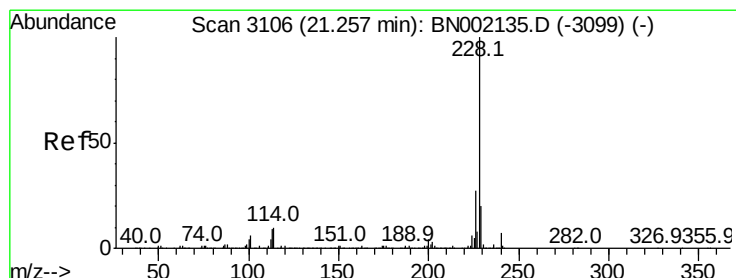
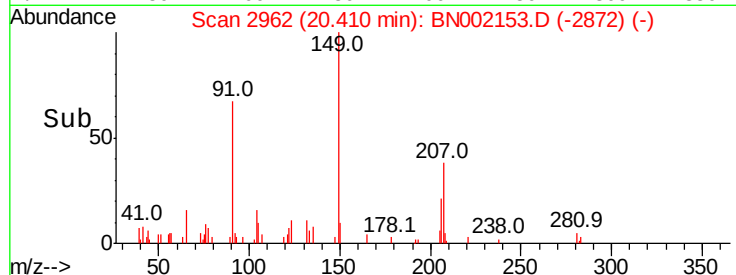
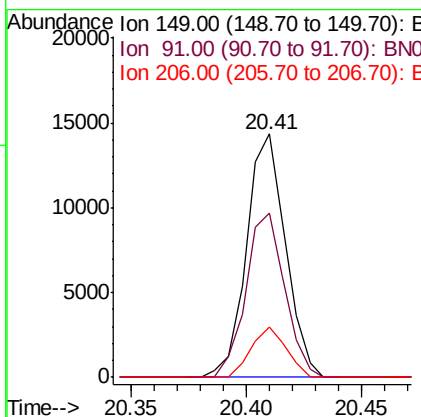
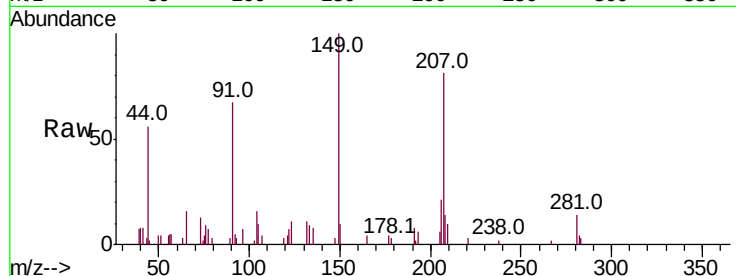
#79
Butylbenzylphthalate
Concen: 0.595 ng
RT: 20.41 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion:	149	Resp:	16852
Ion Ratio	Lower	Upper	
149	100		
91	67.4	62.2	93.2
206	20.6	18.6	27.8

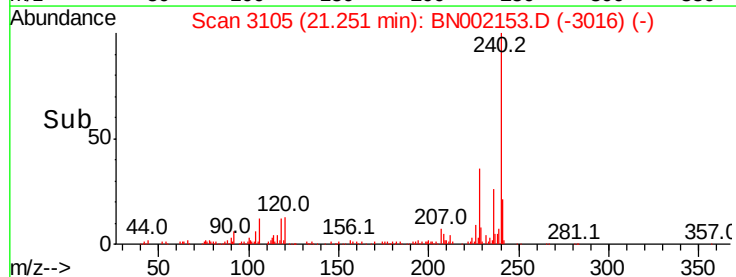
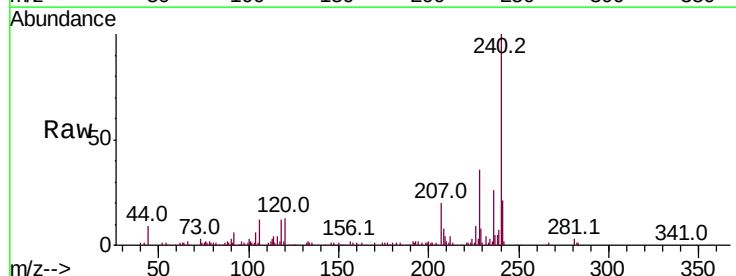
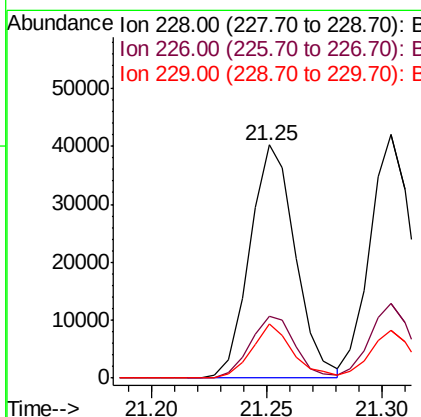
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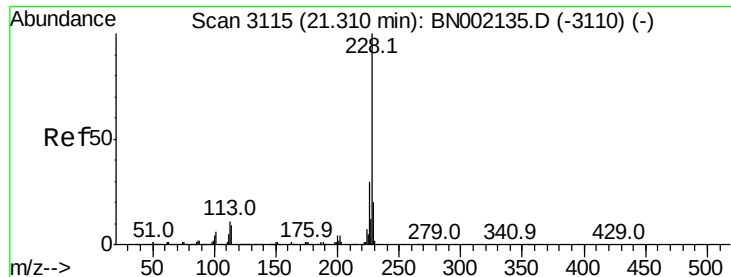
Sohil
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#80
Benzo(a)anthracene
Concen: 0.959 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion:	228	Resp:	55187
Ion Ratio	Lower	Upper	
228	100		
226	26.3	22.7	34.1
229	23.1	16.2	24.2





#82

Chrysene

Concen: 0.984 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

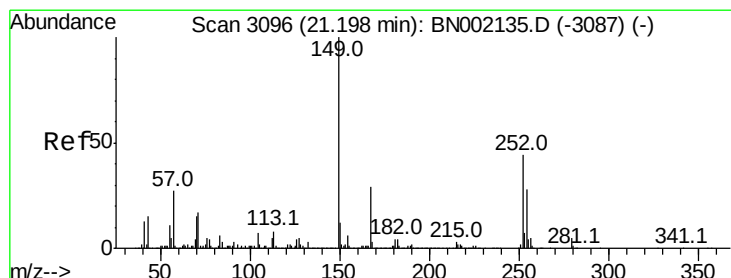
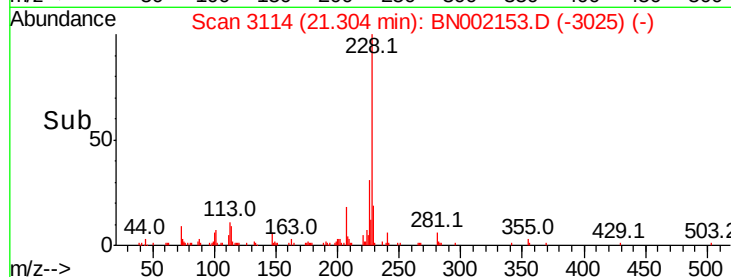
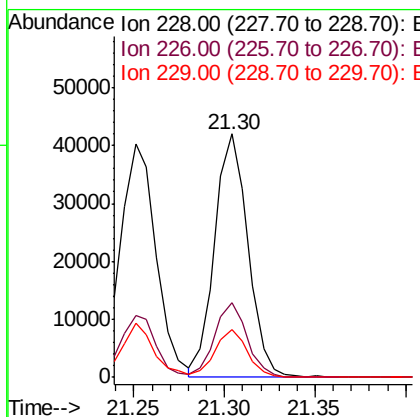
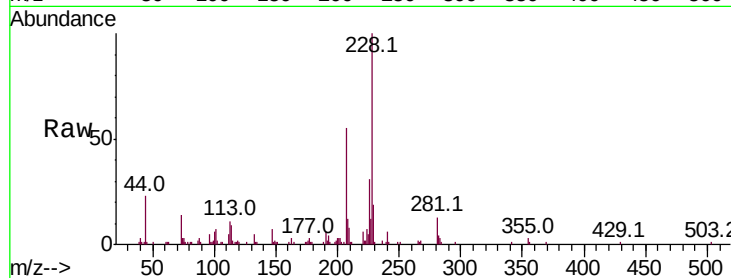
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	228	Resp:	53905
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	19.4	15.0	22.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 0.619 ng

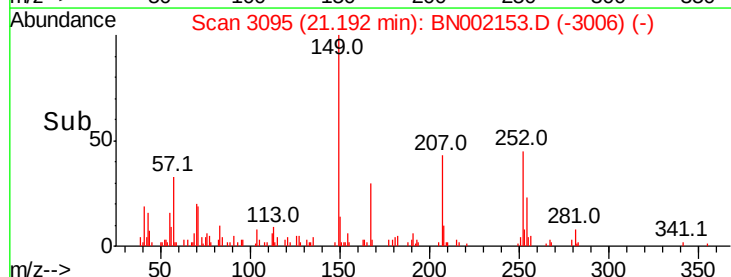
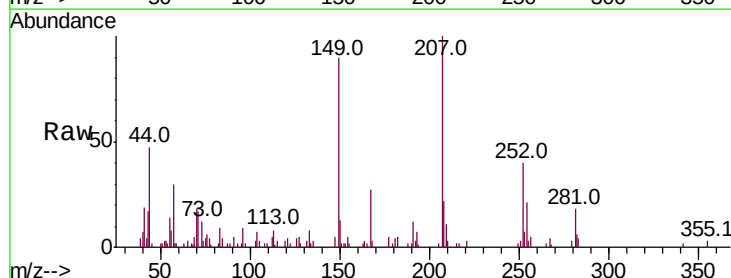
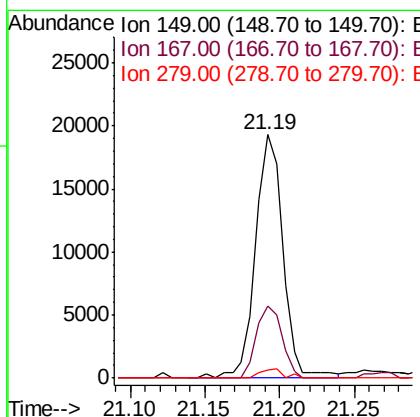
RT: 21.19 min Scan# 3095

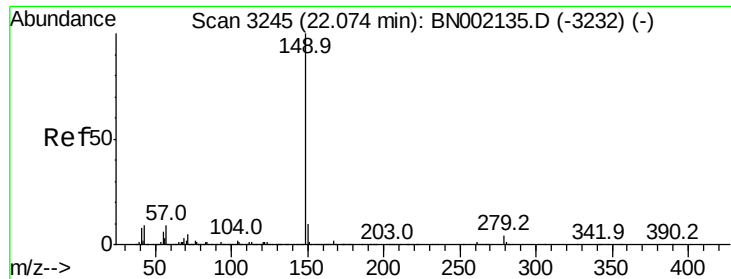
Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion:	149	Resp:	24477
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.3	36.5
279	3.2	4.0	6.0#





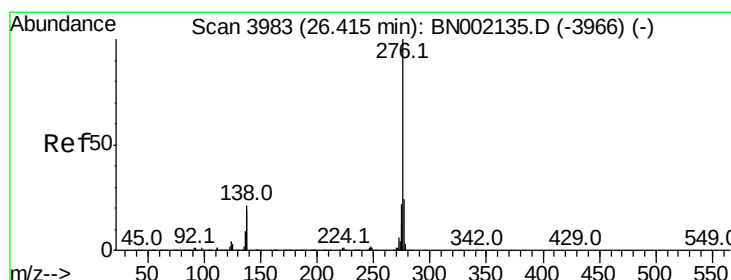
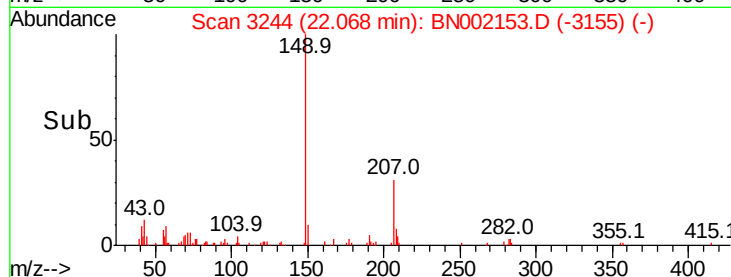
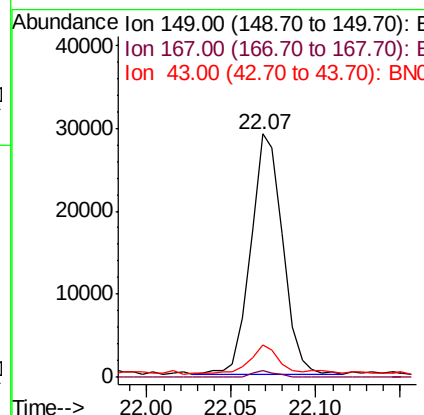
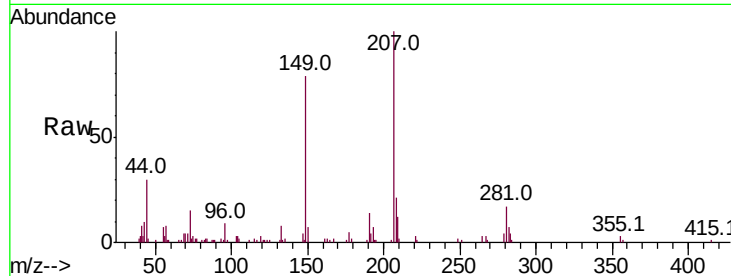
#84
Di-n-octyl phthalate
Concen: 0.608 ng
RT: 22.07 min Scan# 3244
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	2.0	1.4	2.0	
43	11.0	8.9	13.3	

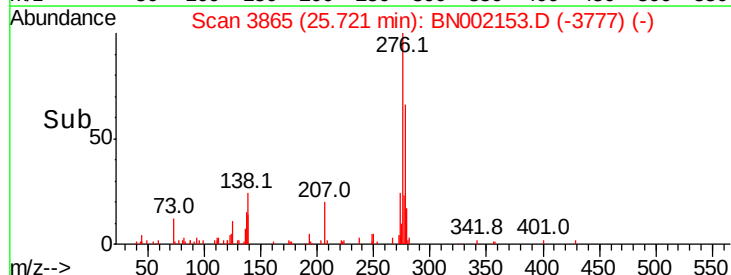
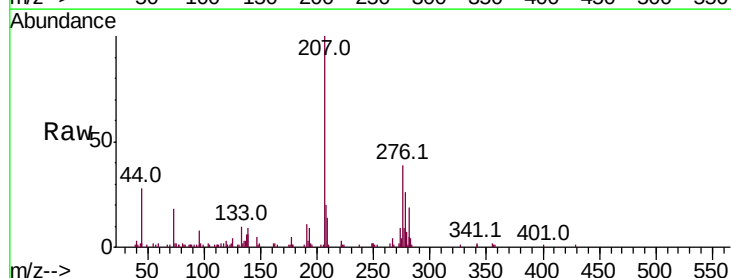
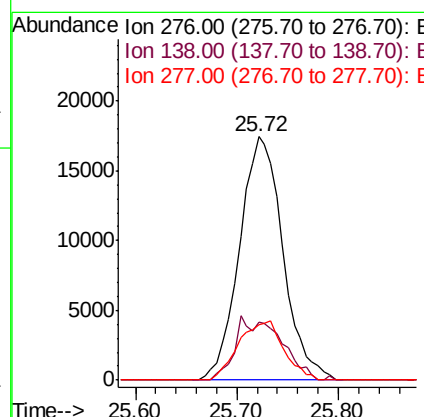
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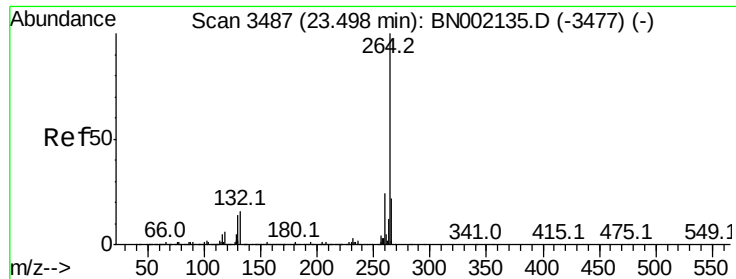
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 0.970 ng
RT: 25.72 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	0.0	16.0	24.0#	
277	25.2	20.0	30.0	





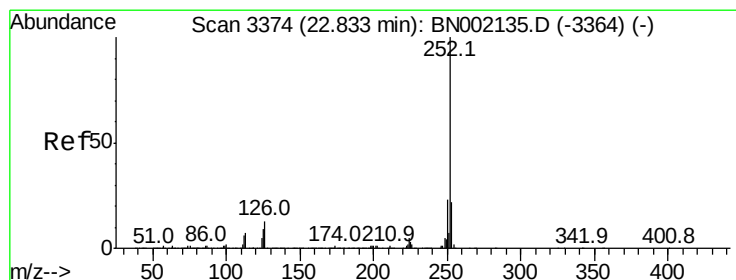
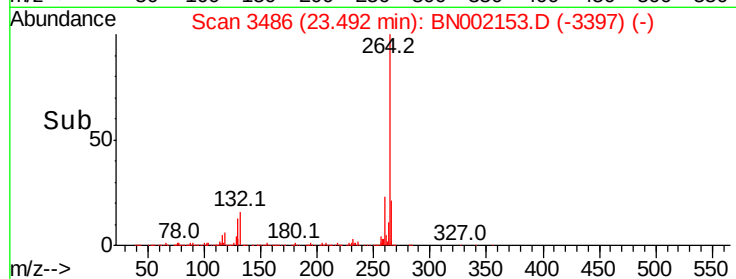
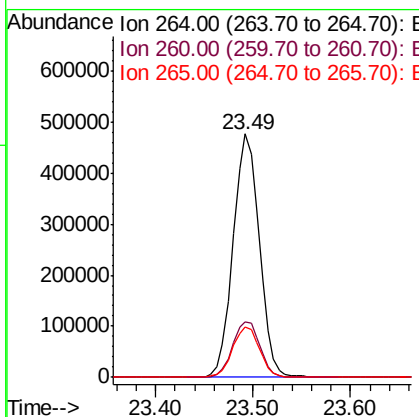
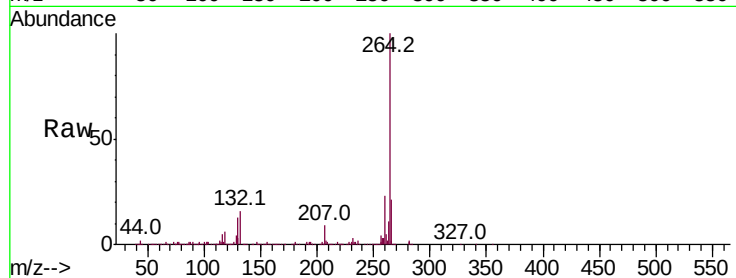
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.7	17.7	26.5

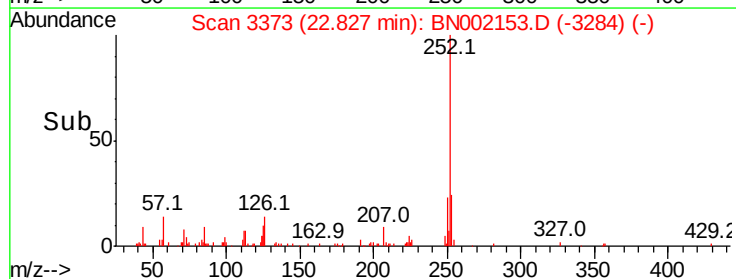
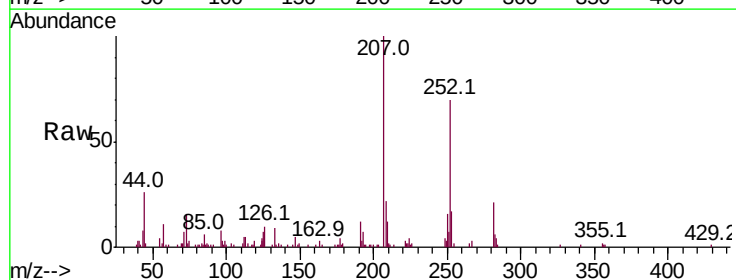
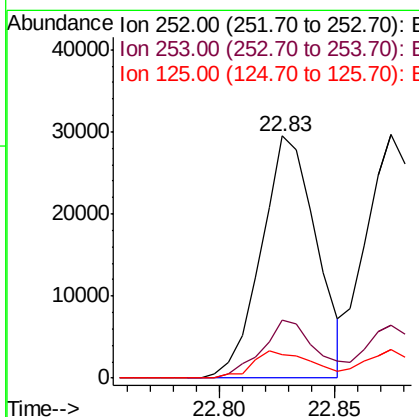
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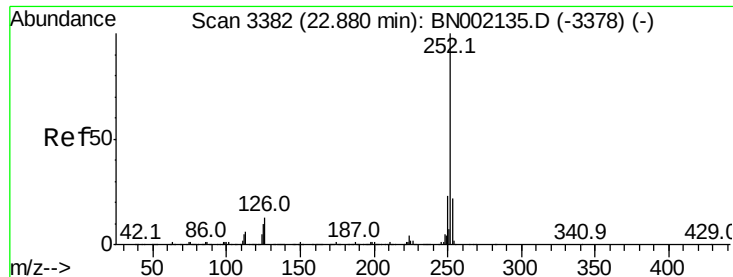
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#87
Benzo(b)fluoranthene
Concen: 0.928 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	9.6	7.2	10.8





#88

Benzo(k)fluoranthene

Concen: 0.948 ng/mL

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Instrument :

BNA_N

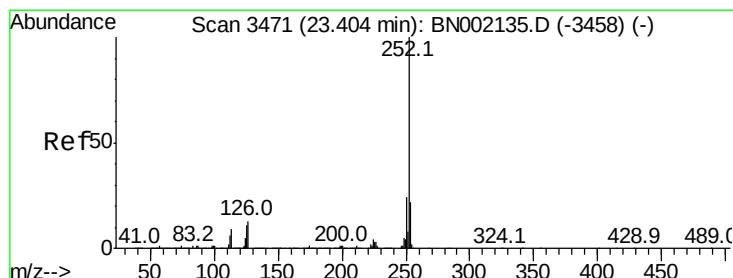
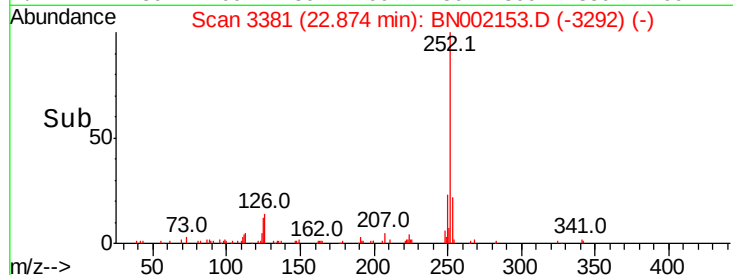
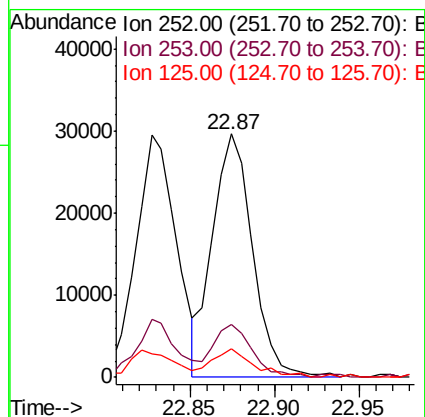
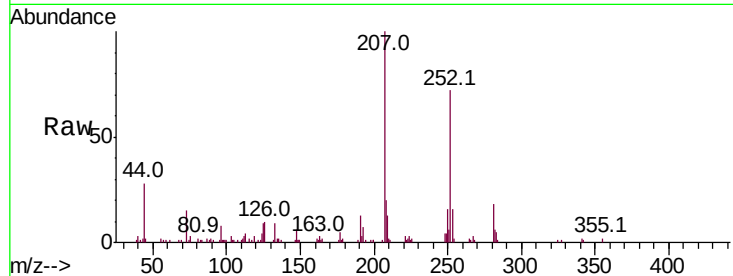
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	252	Resp:	49170
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	11.9	6.6	9.8#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 0.940 ng/mL

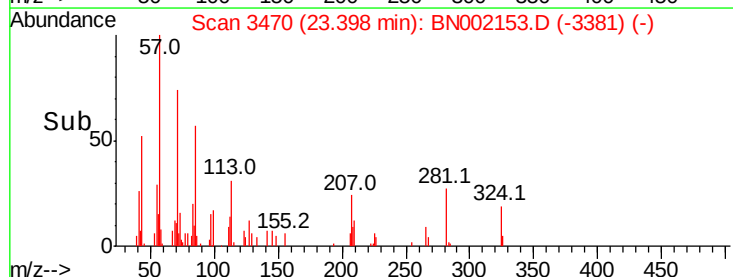
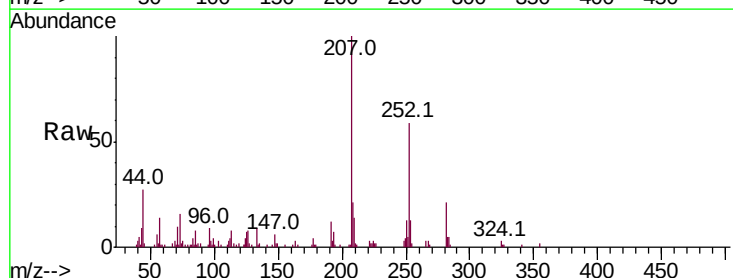
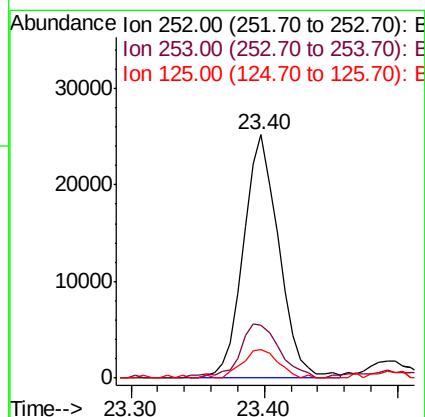
RT: 23.40 min Scan# 3470

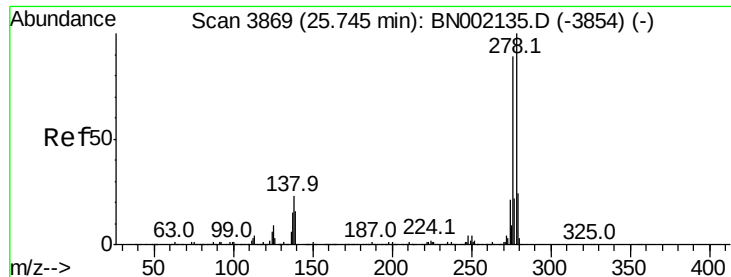
Delta R.T. -0.01 min

Lab File: BN002153.D

Acq: 26 Jul 2018 01:23

Tgt Ion:	252	Resp:	46235
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.3	27.5
125	12.0	7.3	10.9#





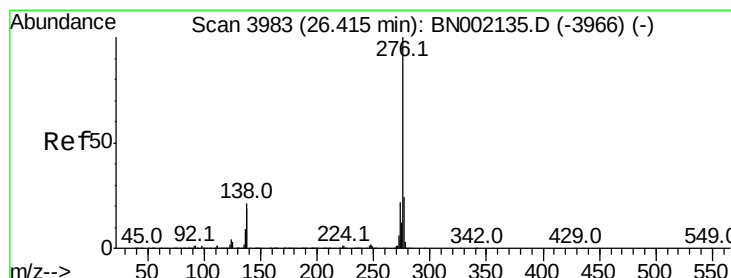
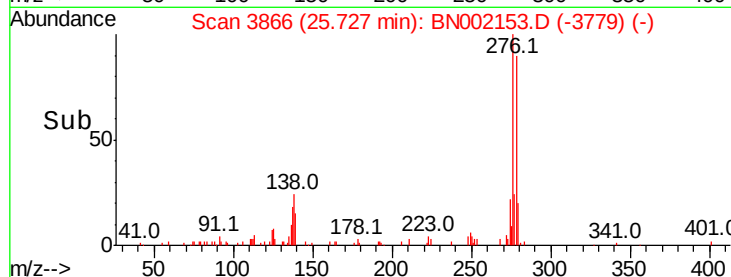
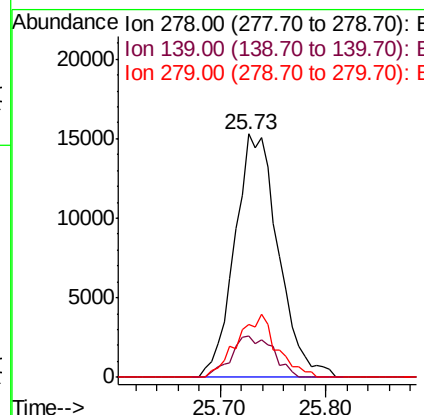
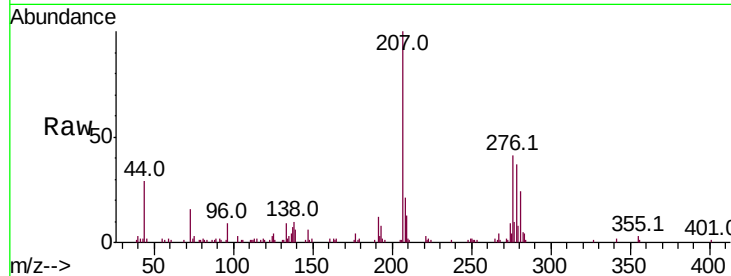
#90
Dibenzo(a,h)anthracene
Concen: 0.948 ng
RT: 25.73 min Scan# 3866
Delta R.T. -0.02 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.8	14.6#
279	21.6	18.4	27.6

Manual Integrations
APPROVED

Sohil
7/27/2018 11:35:47 AM



#91
Benzo(g,h,i)perylene
Concen: 0.933 ng
RT: 26.40 min Scan# 3980
Delta R.T. -0.02 min
Lab File: BN002153.D
Acq: 26 Jul 2018 01:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.3	18.3	27.5
138	20.1	13.9	20.9

