

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010808.D
 Acq On : 13 Jul 2017 12:29
 Operator : SJ/JU
 Sample : I3757-05
 Misc : 1PPM LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:13:07 AM

Quant Time: Jul 13 14:11:58 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	227488	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	915071	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	639012	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1663265	20.00	ng	0.00
75) Chrysene-d12	21.07	240	2070603	20.00	ng	0.00
86) Perylene-d12	23.20	264	1779109	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1801975	131.21	ng	0.00
7) Phenol-d6	6.64	99	2478302	130.90	ng	0.00
23) Nitrobenzene-d5	8.59	82	2348478	98.65	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1497731	153.37	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5276270	102.72	ng	0.00
78) Terphenyl-d14	19.52	244	9312730	86.99	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.79	93	20657	0.871	ng	95
8) 2-Chlorophenol	7.02	128	13721	1.009	ng	# 54
9) Benzaldehyde	6.61	77	9129	0.694	ng	86
10) Phenol	6.66	94	18019	0.900	ng	# 67
11) bis(2-Chloroethyl)ether	6.89	93	14065	0.912	ng	89
12) 1,3-Dichlorobenzene	7.33	146	16170	0.962	ng	# 84
13) 1,4-Dichlorobenzene	7.49	146	15000	0.865	ng	# 93
14) 1,2-Dichlorobenzene	7.80	146	15486	0.937	ng	98
15) Benzyl Alcohol	7.69	79	15665	0.874	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.97	45	15322	1.146	ng	83
18) Hexachloroethane	8.50	117	6736	0.926	ng	# 84
24) Nitrobenzene	8.63	77	23258	0.953	ng	# 81
31) Naphthalene	10.26	128	42311	0.909	ng	# 94
34) Hexachlorobutadiene	10.55	225	14133	0.910	ng	# 80
37) 2-Methylnaphthalene	11.88	142	30393	0.909	ng	# 78
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	22368	0.803	ng	# 100
45) 1,1'-Biphenyl	12.92	154	57004	1.024	ng	97
46) 2-Chloronaphthalene	12.96	162	40596	0.995	ng	97
47) 2-Nitroaniline	13.17	65	9619	0.717	ng	# 65
48) Acenaphthylene	13.82	152	49449	0.814	ng	# 93
49) Dimethylphthalate	13.57	163	48636	0.895	ng	# 92
50) 2,6-Dinitrotoluene	13.68	165	8082	0.758	ng	# 91
51) Acenaphthene	14.16	154	32093	0.865	ng	# 84
54) Dibenzofuran	14.50	168	53105	0.885	ng	# 90
57) Fluorene	15.15	166	44722	0.867	ng	89
58) 2,3,4,6-Tetrachlorophenol	14.73	232	10973	0.697	ng	# 100
59) Diethylphthalate	14.95	149	44798	0.834	ng	97
62) Azobenzene	15.45	77	43350	0.795	ng	86
65) n-Nitrosodiphenylamine	15.37	169	39505	0.830	ng	92
66) 4-Bromophenyl-phenylether	16.05	248	19241	0.913	ng	94
67) Hexachlorobenzene	16.16	284	22458	0.932	ng	# 89
68) Atrazine	16.33	200	14543	0.738	ng	87
70) Phenanthrene	16.89	178	77602	0.897	ng	96
71) Anthracene	16.98	178	72713	0.847	ng	96

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010808.D
 Acq On : 13 Jul 2017 12:29
 Operator : SJ/JU
 Sample : I3757-05
 Misc : 1PPM LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:13:07 AM

Quant Time: Jul 13 14:11:58 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	17.26	167	62016	0.820	ng	# 90
73) Di-n-butylphthalate	17.84	149	67491	0.754	ng	# 93
74) Fluoranthene	18.92	202	96168	0.897	ng	91
77) Pyrene	19.29	202	94015	0.783	ng	94
79) Butylbenzylphthalate	20.22	149	30458	0.725	ng	# 81
80) Benzo(a)anthracene	21.05	228	107659m	0.897	ng	
82) Chrysene	21.10	228	99318	0.869	ng	95
83) Bis(2-ethylhexyl)phthalate	21.01	149	49257	0.805	ng	97
84) Di-n-octyl phthalate	21.86	149	69215	0.690	ng	# 94
85) Indeno(1,2,3-cd)pyrene	25.30	276	95194	0.727	ng	# 100
87) Benzo(b)fluoranthene	22.57	252	97850	0.866	ng	# 91
88) Benzo(k)fluoranthene	22.61	252	92046	0.853	ng	# 92
89) Benzo(a)pyrene	23.10	252	85924	0.835	ng	# 96
90) Dibenzo(a,h)anthracene	25.31	278	77154	0.773	ng	97
91) Benzo(g,h,i)perylene	25.94	276	79593	0.811	ng	# 85

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

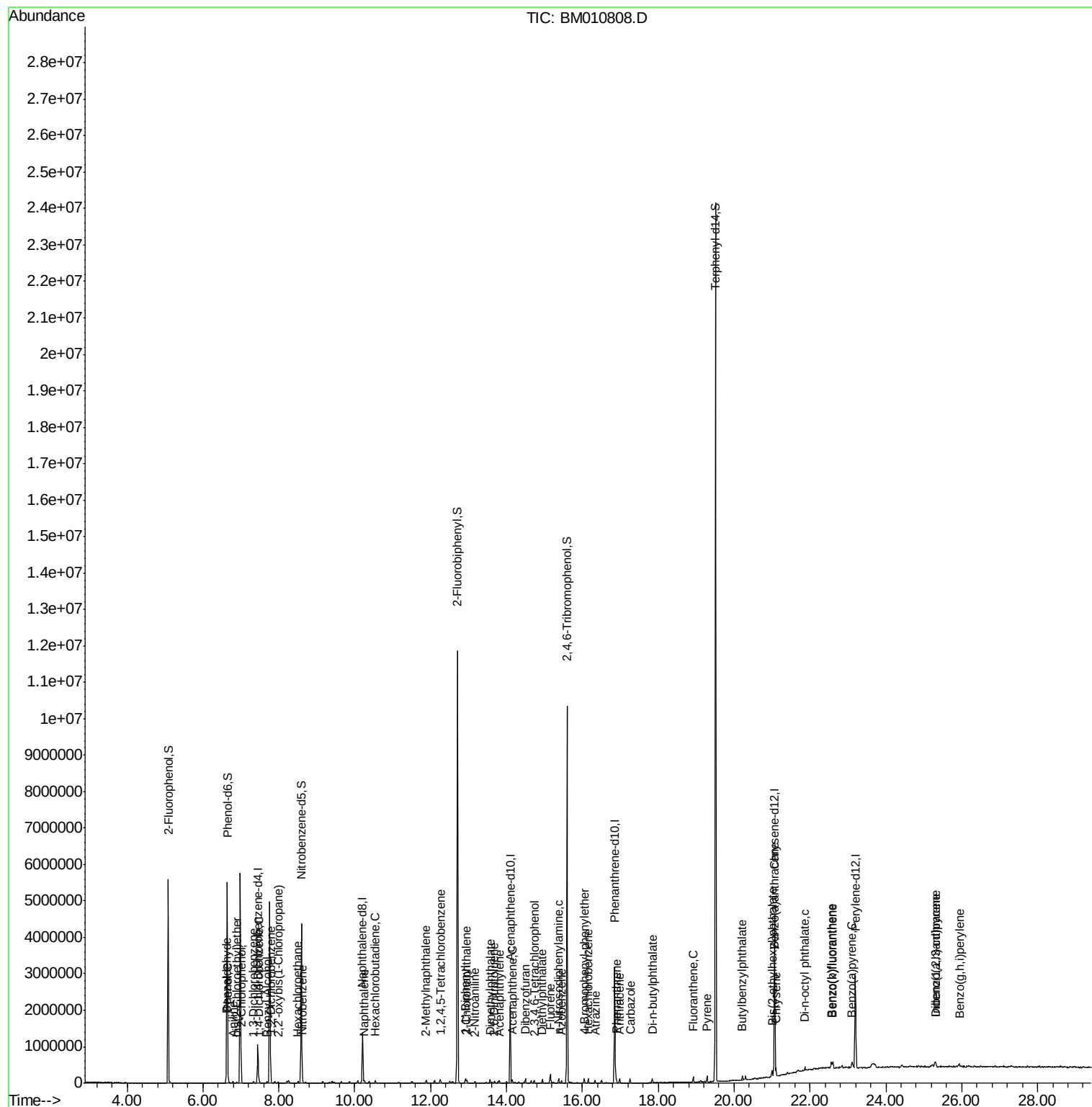
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010808.D
 Acq On : 13 Jul 2017 12:29
 Operator : SJ/JU
 Sample : I3757-05
 Misc : 1PPM LOD
 ALS Vial : 8 Sample Multiplier: 1

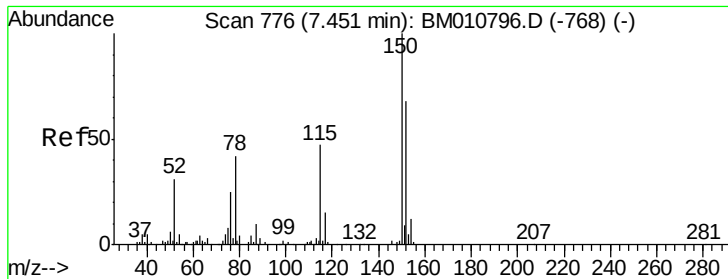
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:13:07 AM

Quant Time: Jul 13 14:11:58 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration





#1

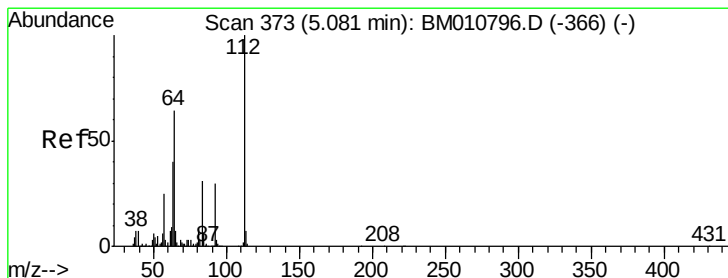
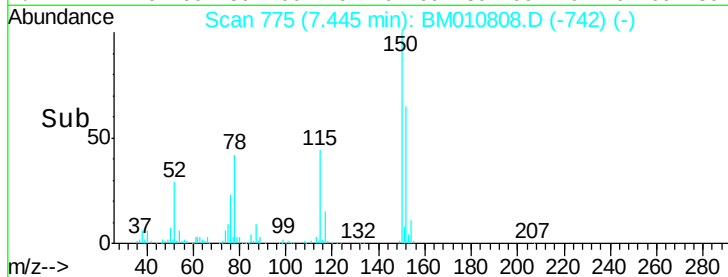
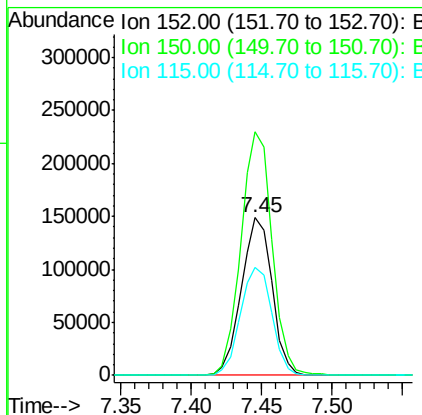
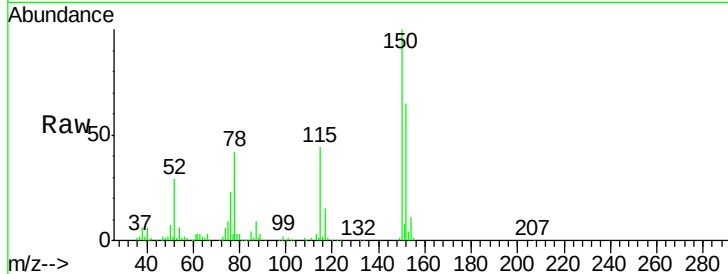
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	119.5	179.3
115	68.7	43.0	64.4

Manual Integrations
APPROVED

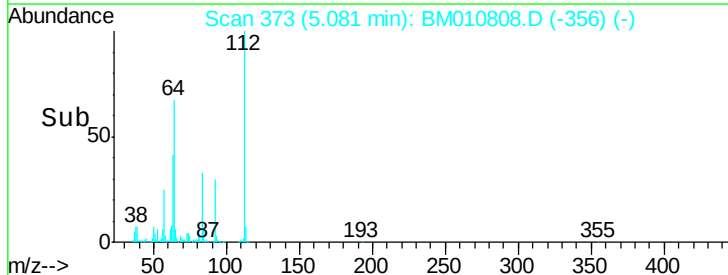
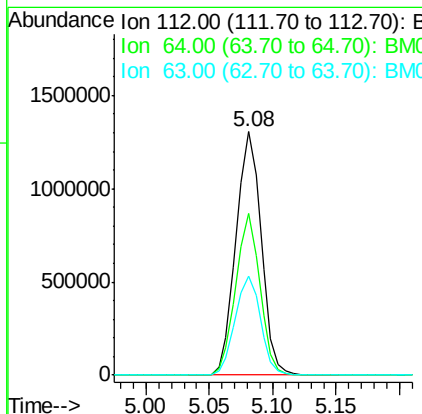
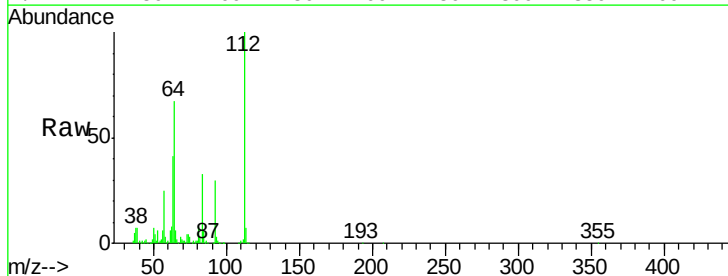
mohammad
7/17/2017 8:13:07 AM

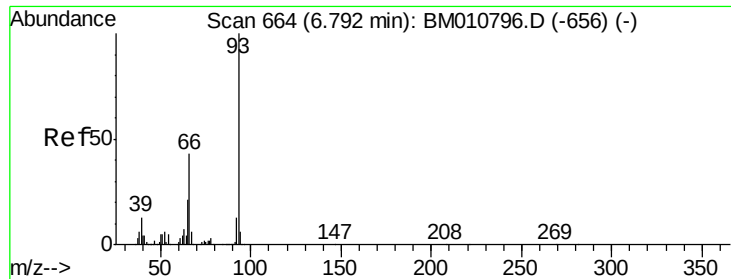


#5

2-Fluorophenol
Concen: 131.214 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	38.6	57.8
63	40.8	19.3	28.9





#6

Aniline

Concen: 0.871 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

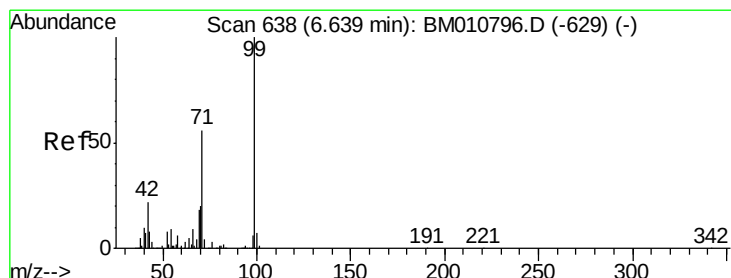
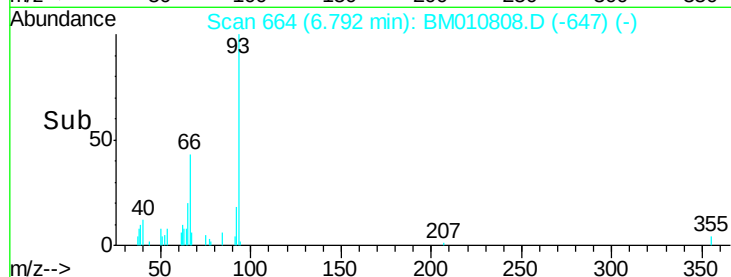
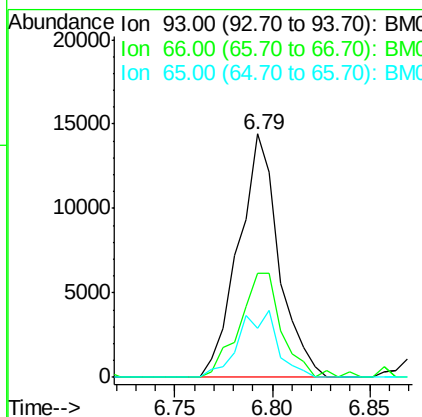
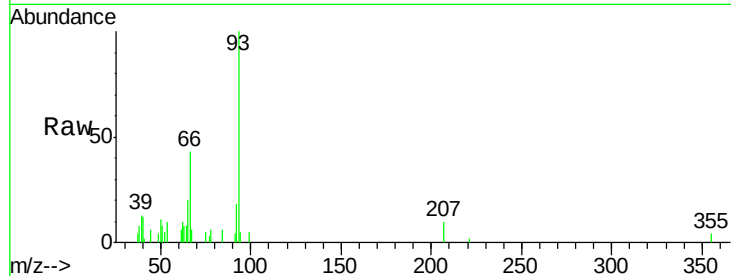
ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	20657		
66	42.9		30.8	46.2
65	20.0		16.0	24.0

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



#7

Phenol-d6

Concen: 130.903 ng

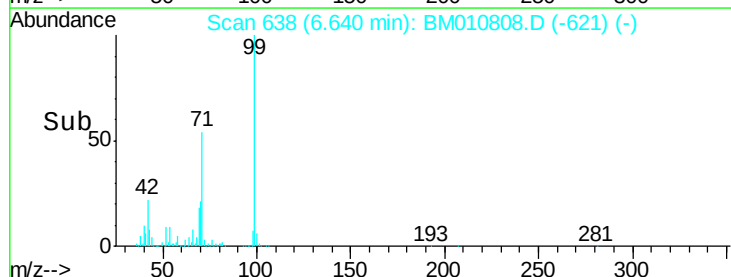
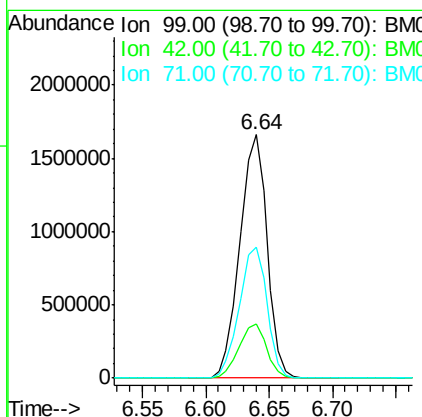
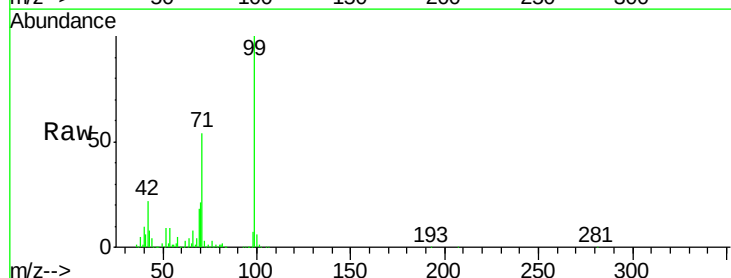
RT: 6.64 min Scan# 638

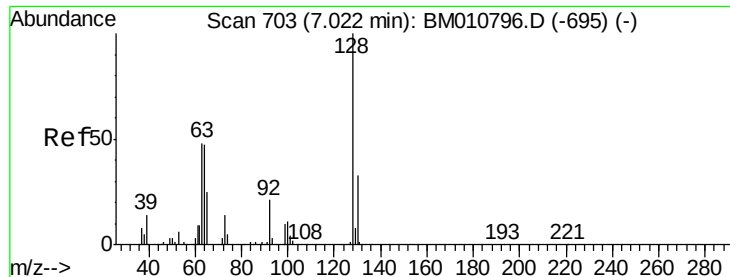
Delta R.T. 0.00 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	2478302		
42	22.3		11.0	16.4#
71	54.0		23.4	35.2#





#8

2-Chlorophenol

Concen: 1.009 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

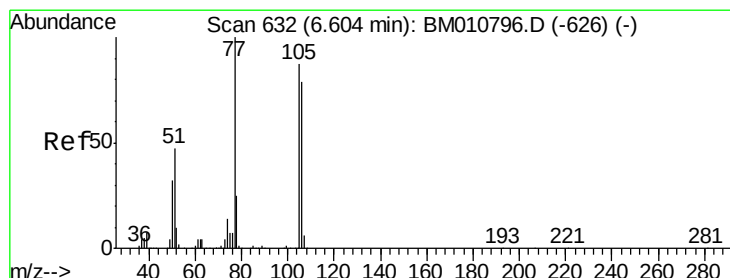
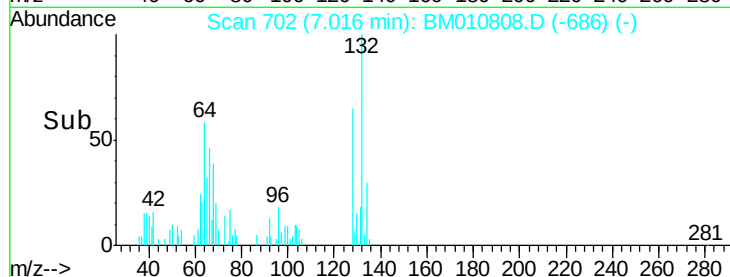
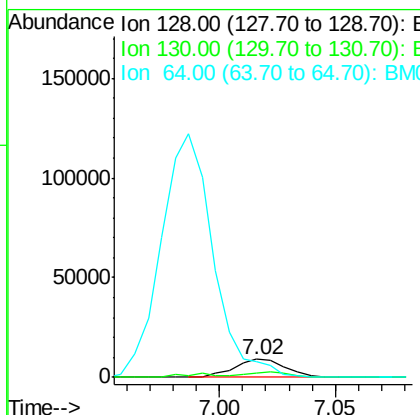
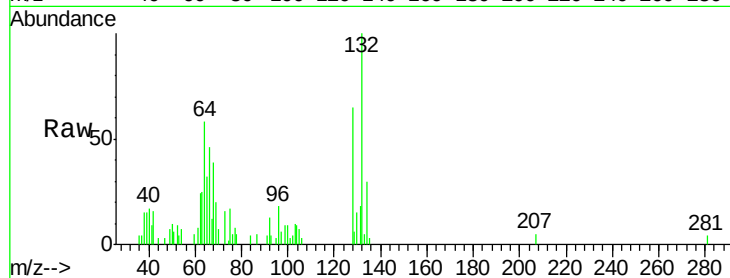
ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion:	128	Resp:	13721
Ion Ratio	Lower	Upper	
128	100		
130	22.6	12.0	52.0
64	88.2	24.9	64.9#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



#9

Benzaldehyde

Concen: 0.694 ng

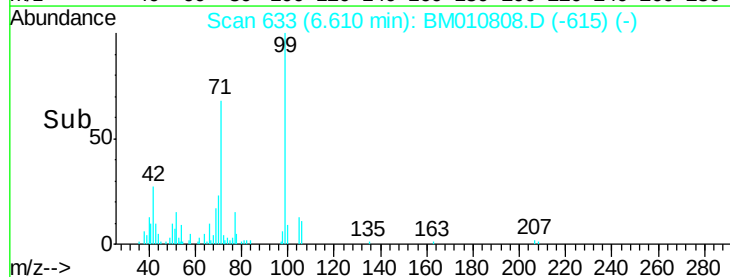
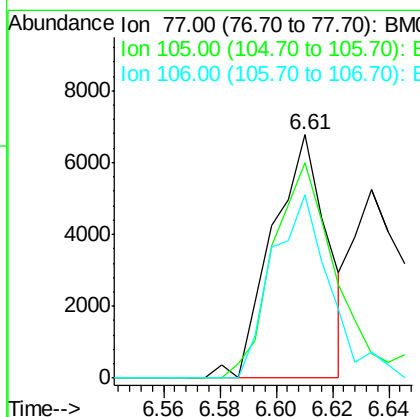
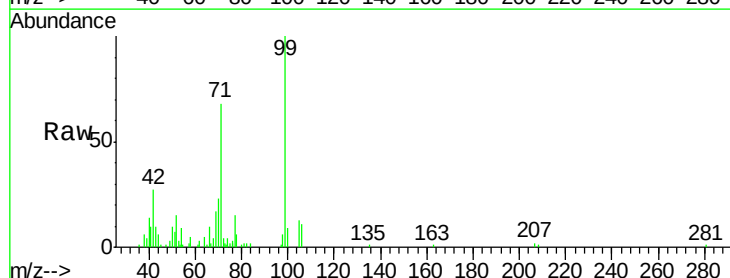
RT: 6.61 min Scan# 633

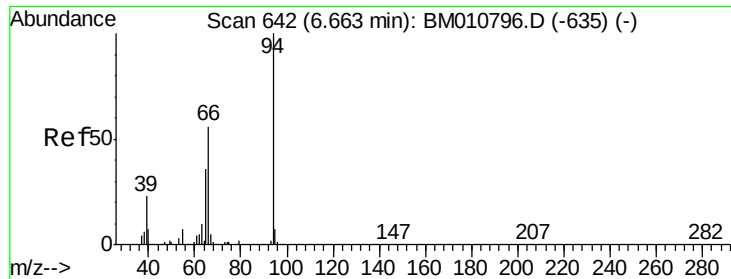
Delta R.T. 0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Tgt Ion:	77	Resp:	9129
Ion Ratio	Lower	Upper	
77	100		
105	88.8	78.8	118.8
106	75.3	73.7	113.7





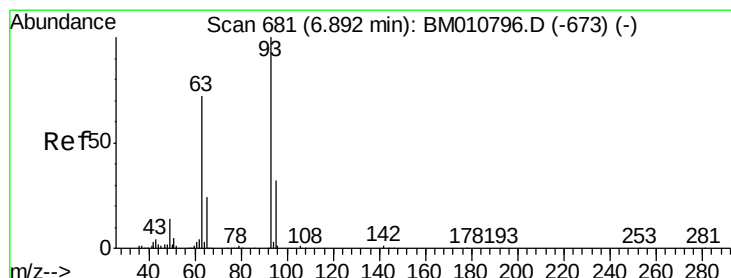
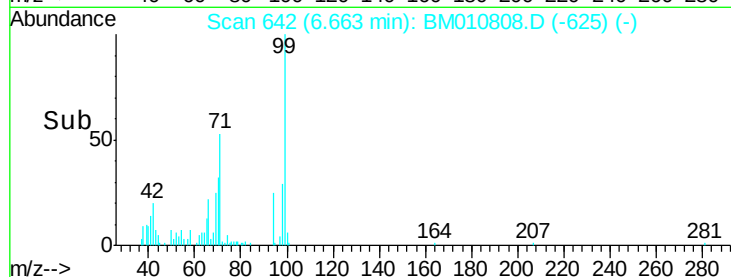
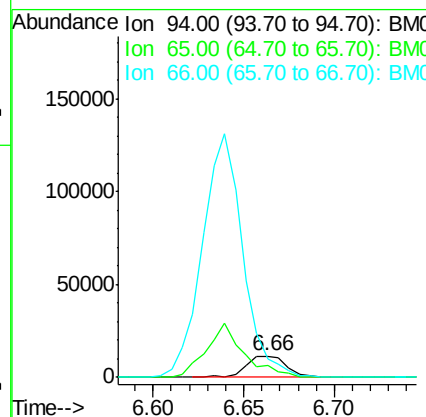
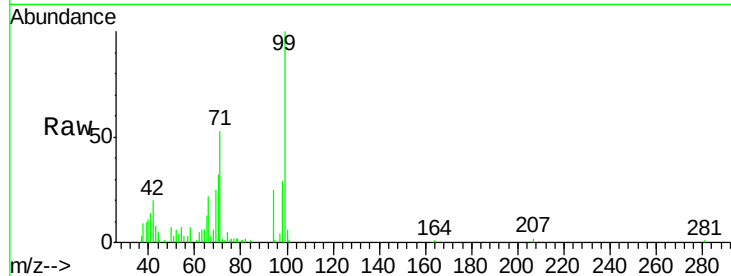
#10
Phenol
Concen: 0.900 ng
RT: 6.66 min Scan# 642
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	18019		
65	53.5	18.8	58.8	
66	89.2	39.9	79.9	

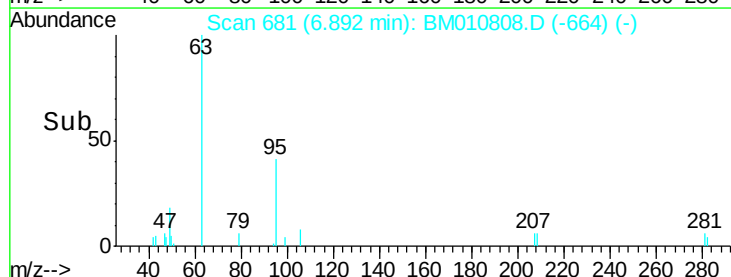
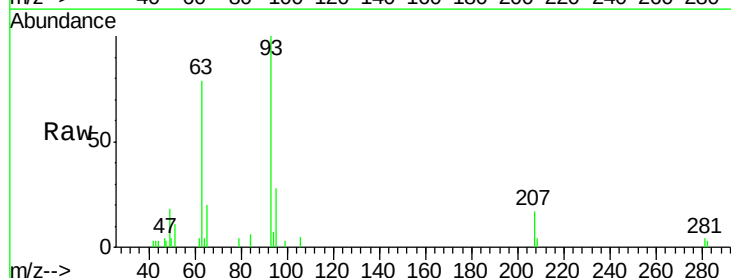
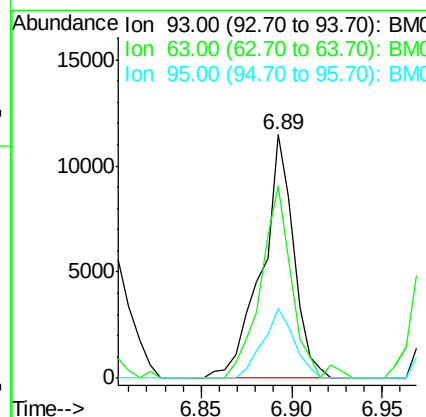
Manual Integrations
APPROVED

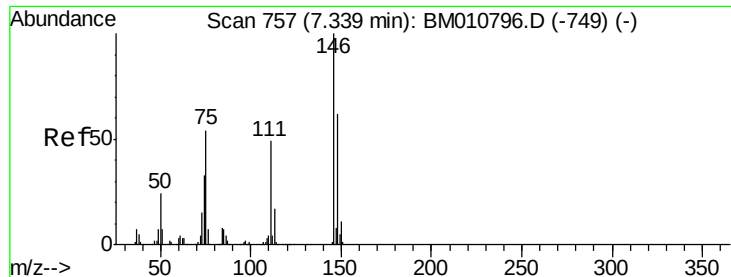
mohammad
7/17/2017 8:13:07 AM



#11
bis(2-Chloroethyl)ether
Concen: 0.912 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	14065		
63	78.9	49.5	89.5	
95	28.4	13.5	53.5	





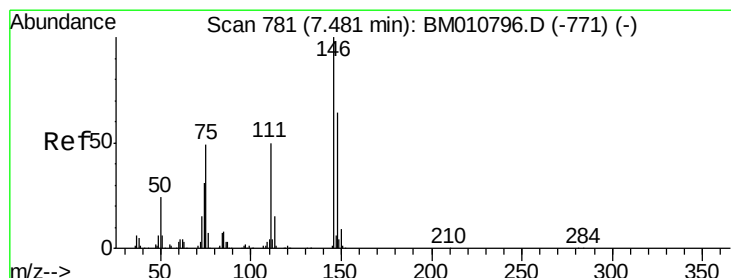
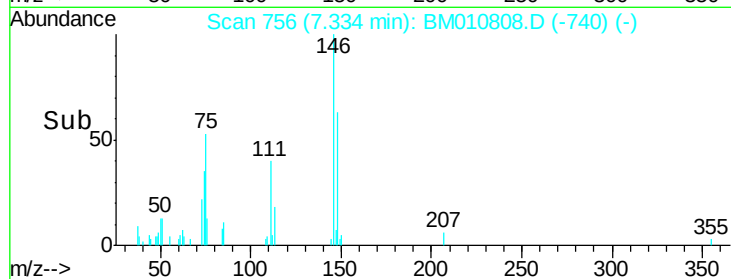
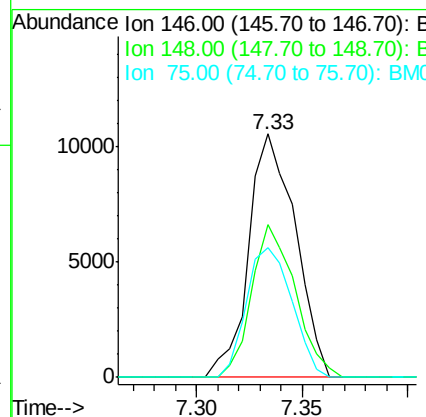
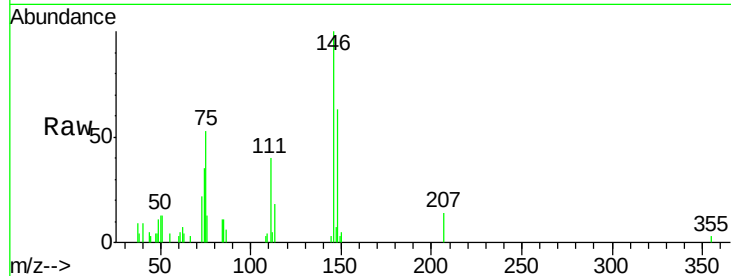
#12
1,3-Dichlorobenzene
Concen: 0.962 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	16170		
148	62.9	50.9	76.3	
75	53.2	21.4	32.2	

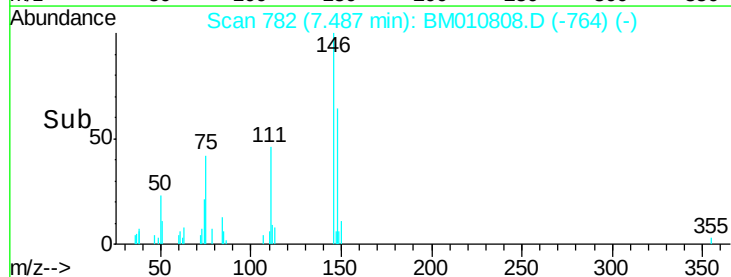
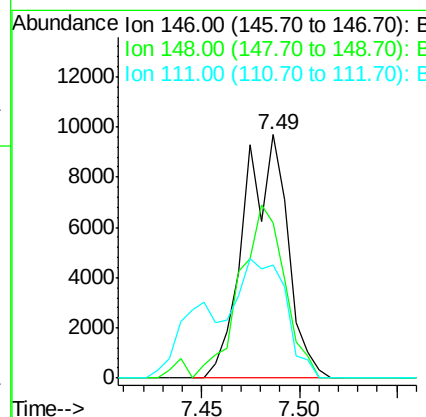
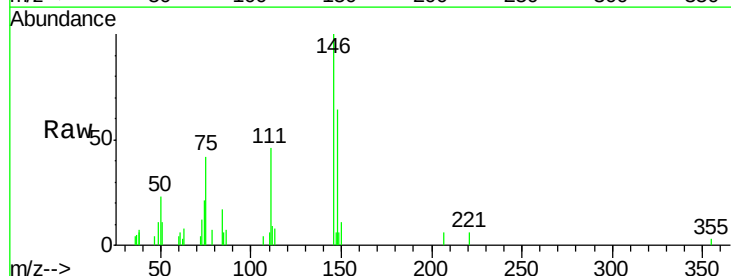
Manual Integrations
APPROVED

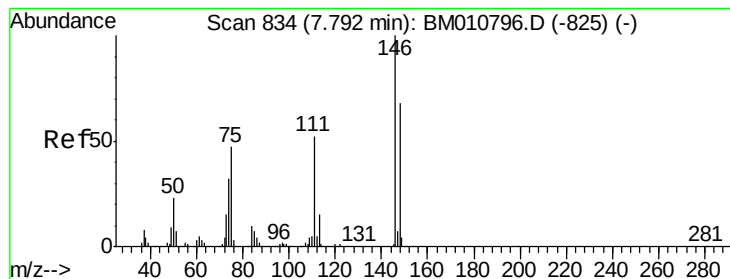
mohammad
7/17/2017 8:13:07 AM



#13
1,4-Dichlorobenzene
Concen: 0.865 ng
RT: 7.49 min Scan# 782
Delta R.T. 0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	15000		
148	63.6	51.9	77.9	
111	46.3	29.2	43.8	





#14

1,2-Dichlorobenzene

Concen: 0.937 ng

RT: 7.80 min Scan# 835

Delta R.T. 0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

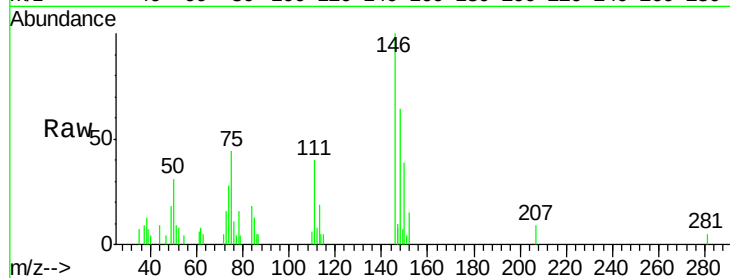
ClientSampleId :

LOD-WATER-05-QT3-2017

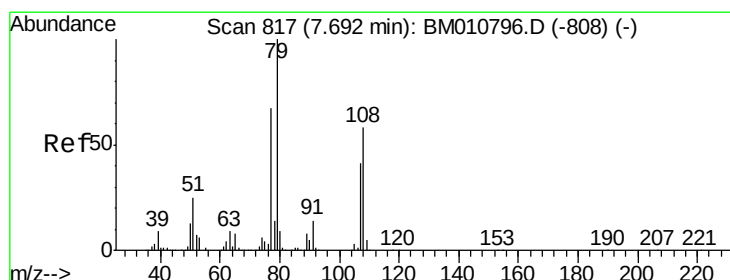
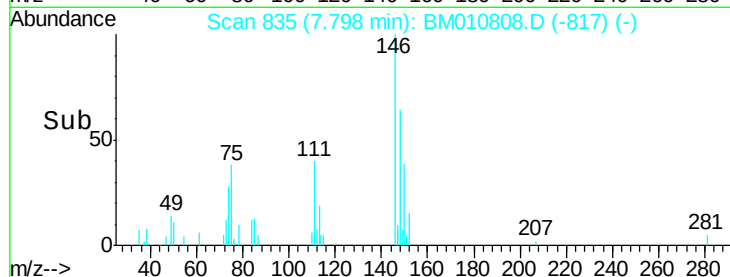
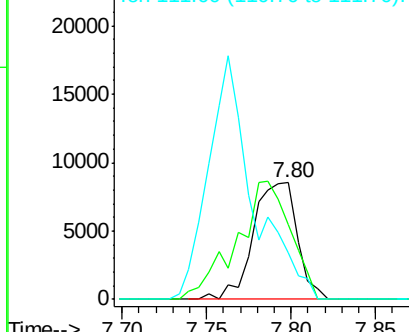
Tgt Ion:	146	Resp:	15486
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.3	78.5
111	39.7	30.6	45.8

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



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: 0.874 ng

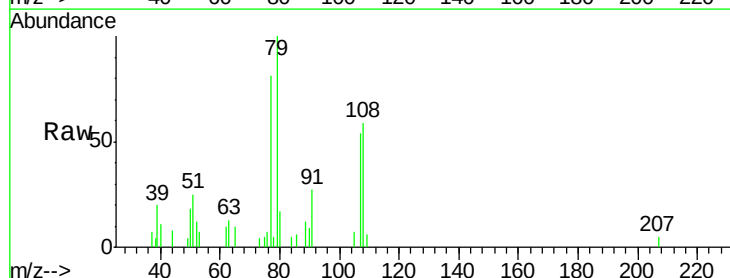
RT: 7.69 min Scan# 817

Delta R.T. 0.00 min

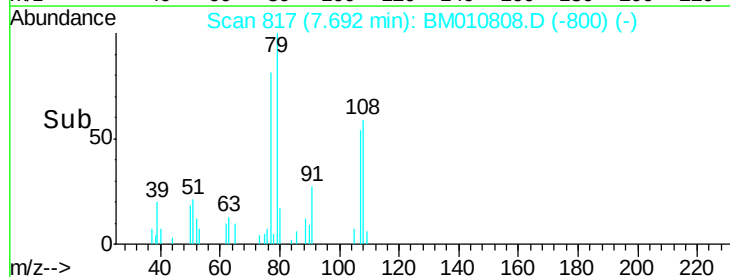
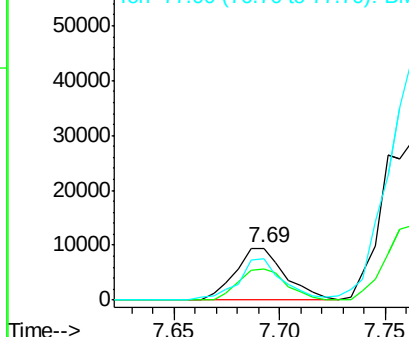
Lab File: BM010808.D

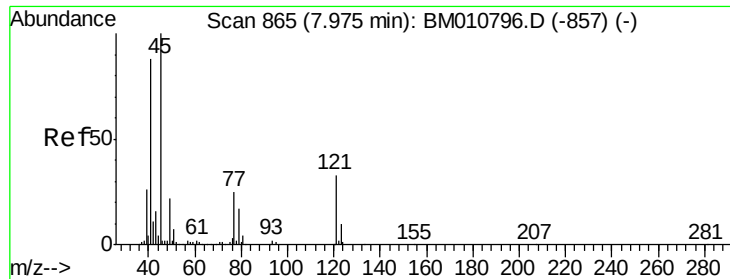
Acq: 13 Jul 2017 12:29

Tgt Ion:	79	Resp:	15665
Ion Ratio	Lower	Upper	
79	100		
108	59.3	65.0	97.4#
77	80.6	53.0	79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0





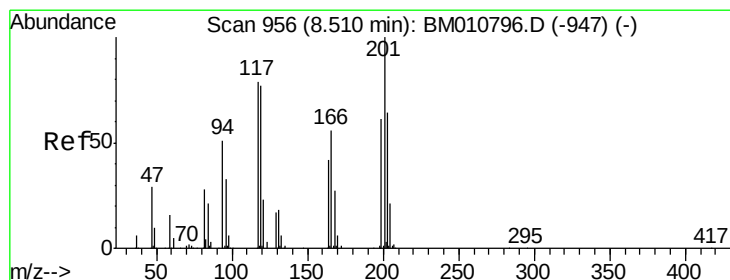
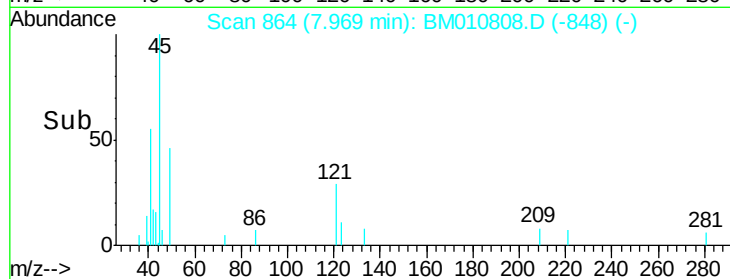
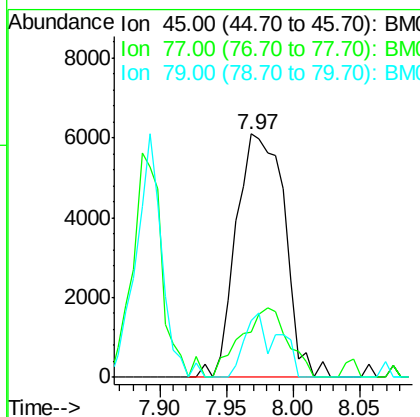
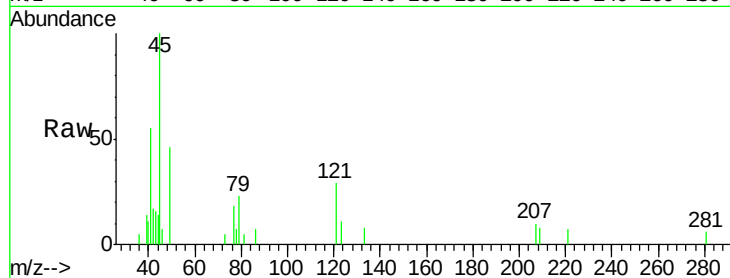
#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.146 ng
RT: 7.97 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	35.2
79	23.3	0.0	32.0

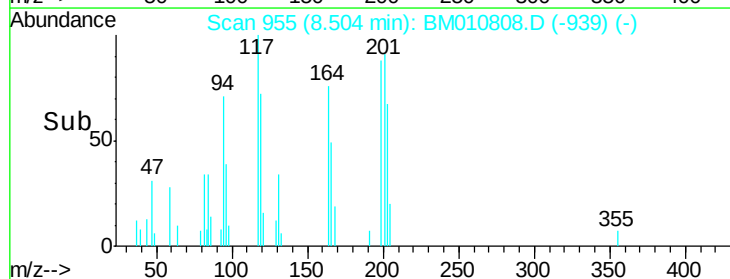
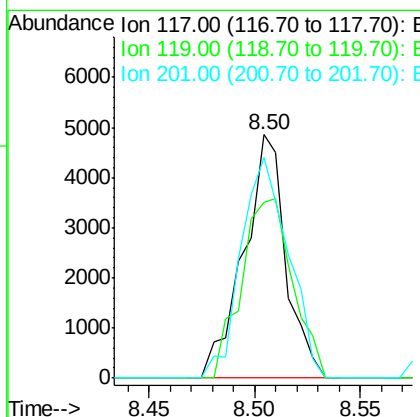
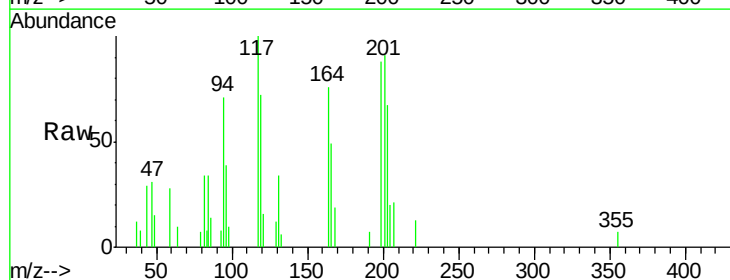
Manual Integrations
APPROVED

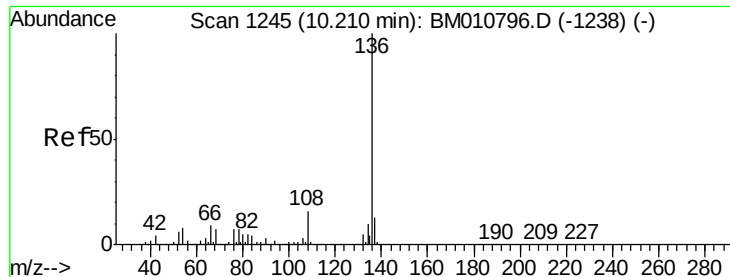
mohammad
7/17/2017 8:13:07 AM



#18
Hexachloroethane
Concen: 0.926 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	72.1	79.2	118.8#
201	90.8	69.8	104.6





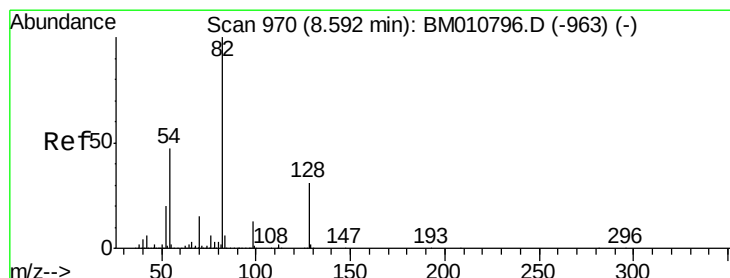
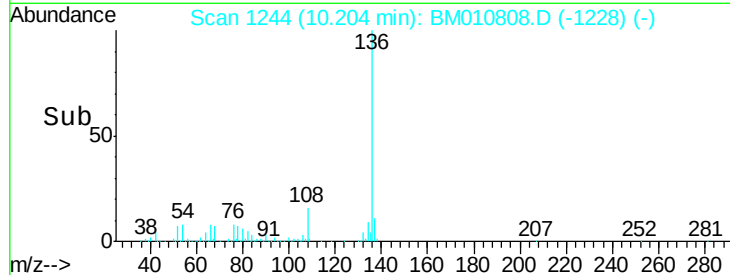
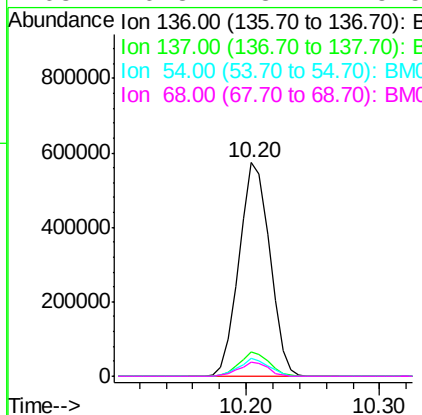
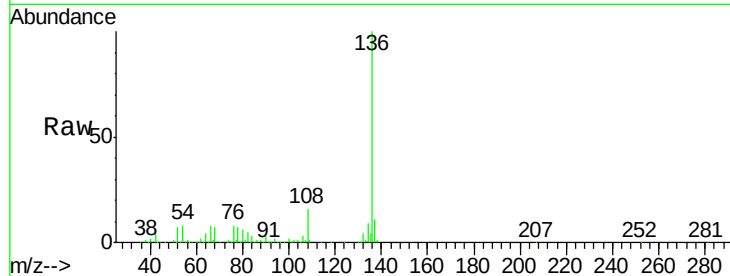
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	915071		
137	11.1	8.7	13.1	
54	8.5	4.6	6.8#	
68	6.8	3.7	5.5#	

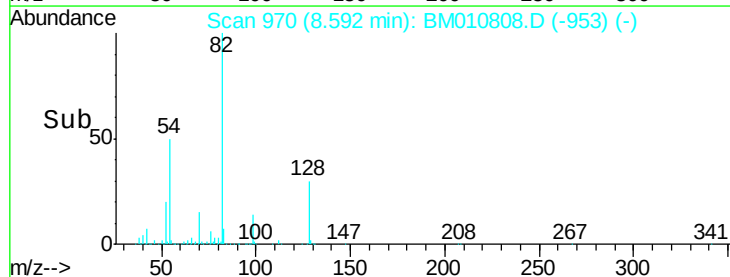
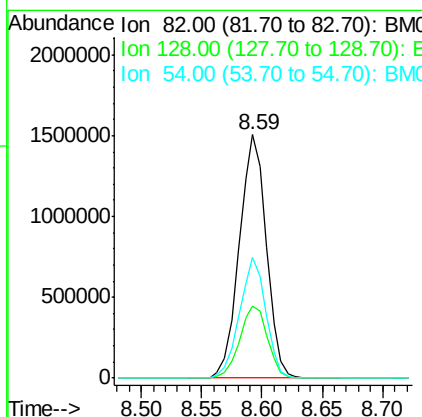
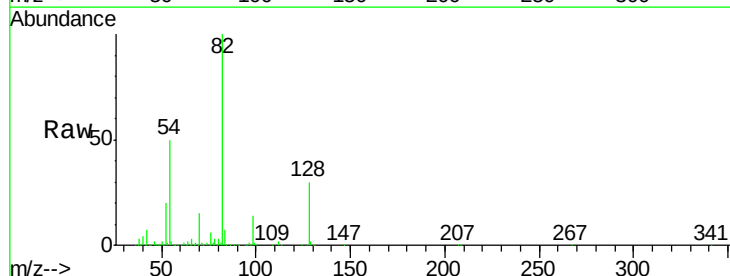
Manual Integrations
APPROVED

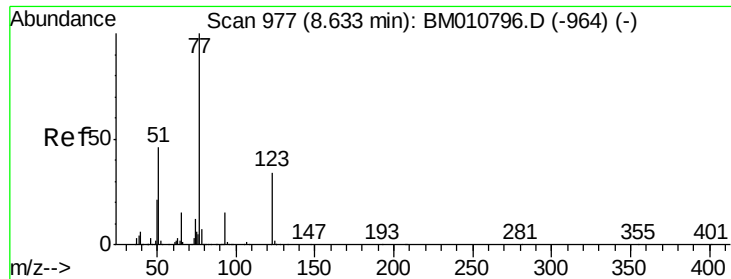
mohammad
7/17/2017 8:13:07 AM



#23
Nitrobenzene-d5
Concen: 98.648 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	2348478		
128	29.6	32.8	49.2#	
54	49.5	40.6	60.8	





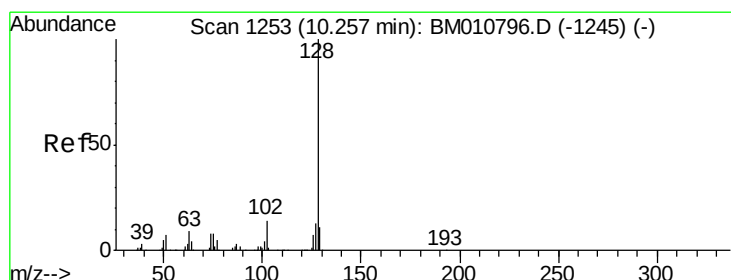
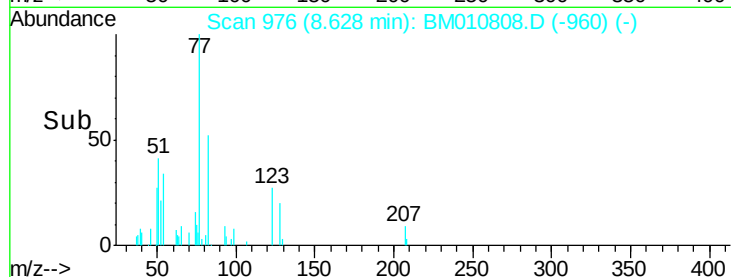
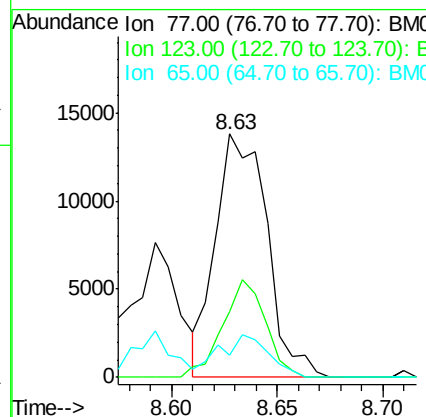
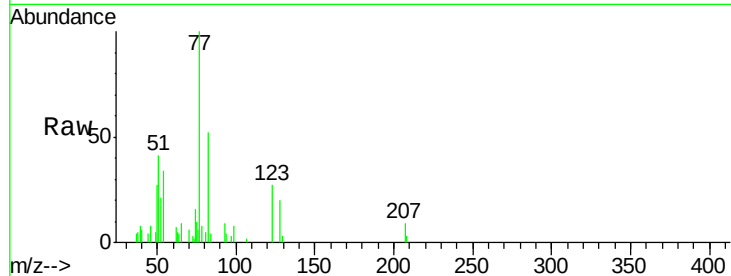
#24
 Nitrobenzene
 Concen: 0.953 ng
 RT: 8.63 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
77	100		
123	27.0	32.6	49.0#
65	9.3	10.9	16.3#

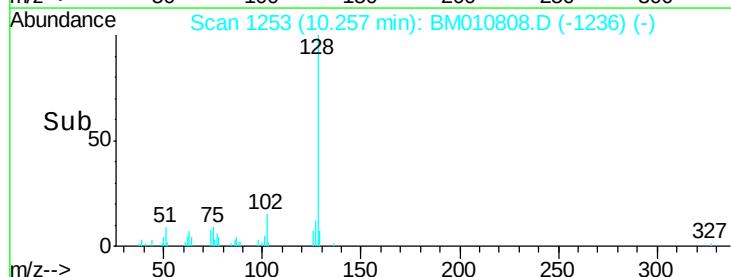
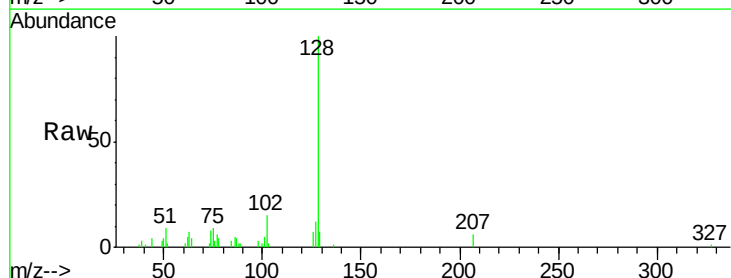
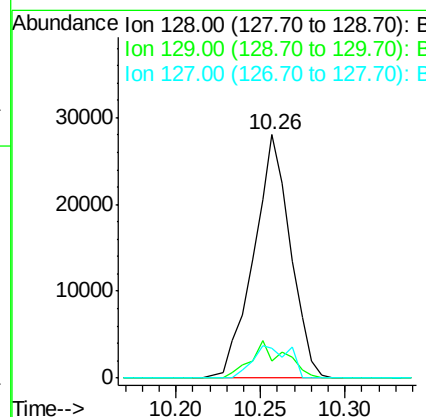
Manual Integrations
 APPROVED

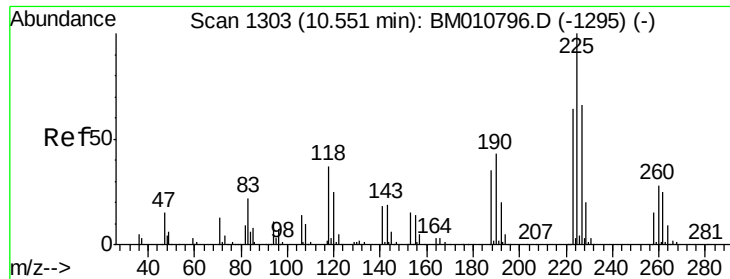
mohammad
 7/17/2017 8:13:07 AM



#31
 Naphthalene
 Concen: 0.909 ng
 RT: 10.26 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	7.0	8.9	13.3#
127	12.5	10.4	15.6





#34

Hexachlorobutadiene

Concen: 0.910 ng

RT: 10.55 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

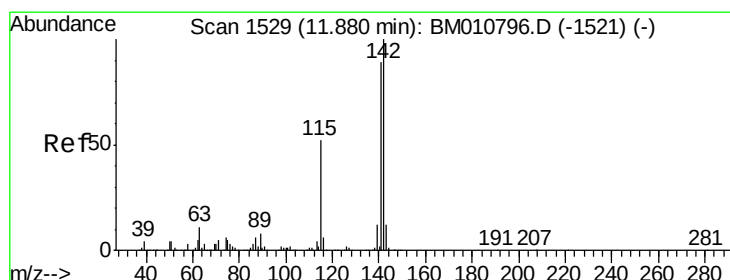
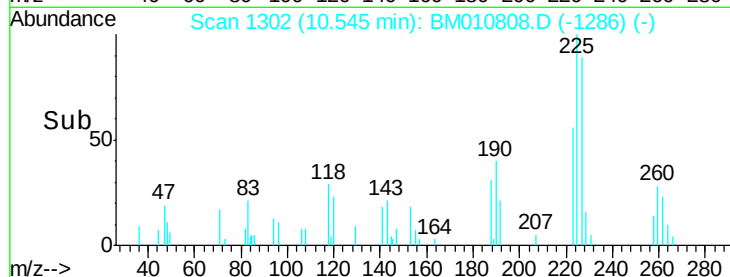
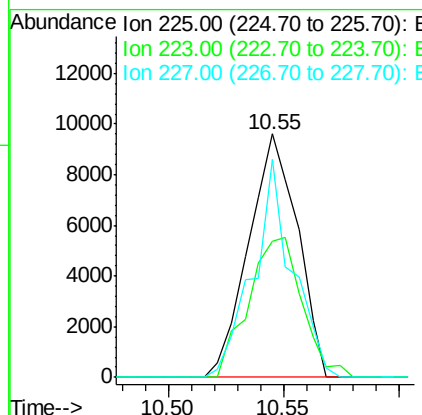
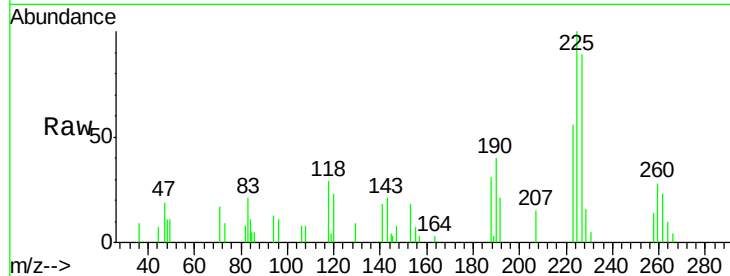
ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion:	225	Resp:	14133
Ion Ratio		Lower	Upper
225	100		
223	55.9	47.9	71.9
227	89.3	50.1	75.1#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



#37

2-Methylnaphthalene

Concen: 0.909 ng

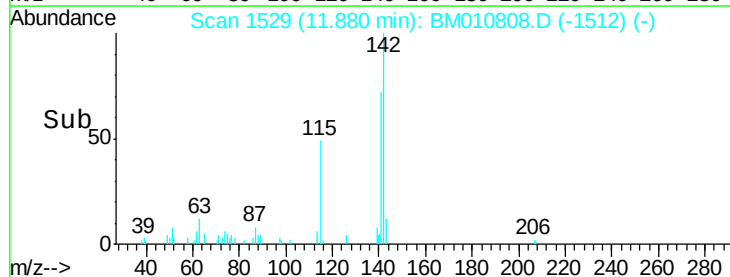
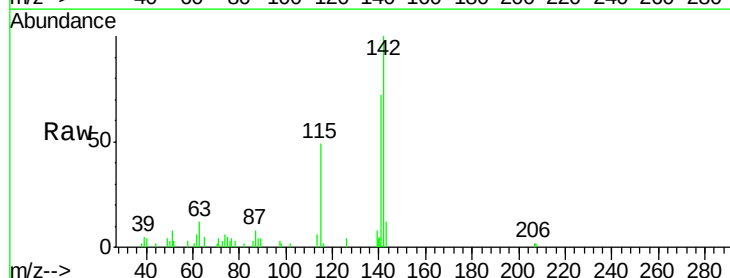
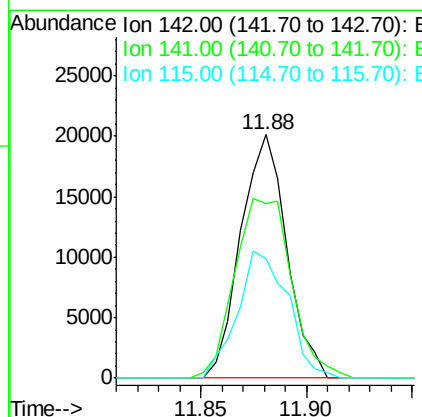
RT: 11.88 min Scan# 1529

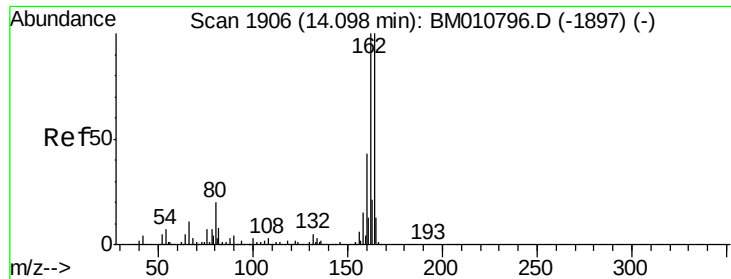
Delta R.T. 0.00 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Tgt Ion:	142	Resp:	30393
Ion Ratio		Lower	Upper
142	100		
141	71.8	71.9	107.9#
115	49.3	25.4	38.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.10 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM010808.D

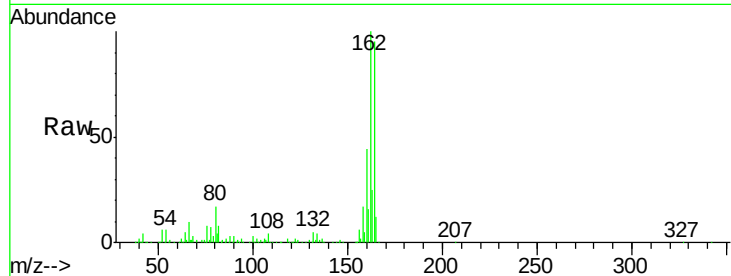
Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

ClientSampleId :

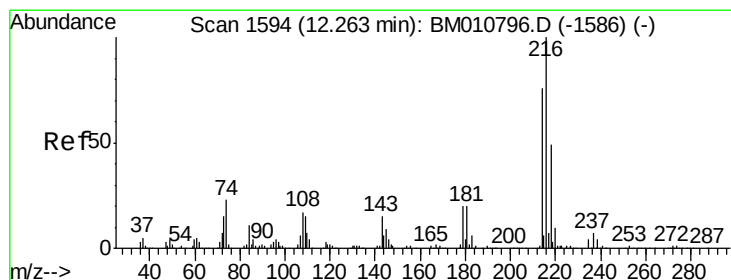
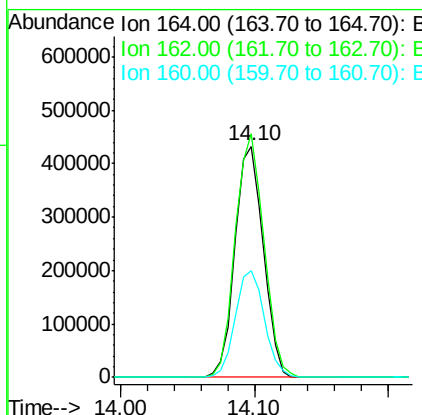
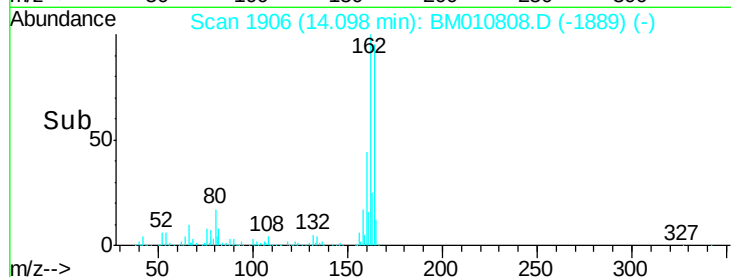
LOD-WATER-05-QT3-2017



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	82.4	123.6	
160	46.0	35.8	53.6	

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.803 ng

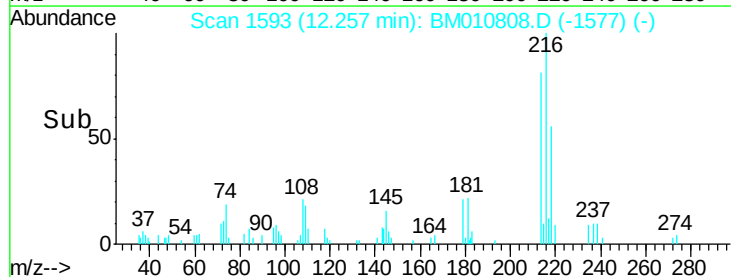
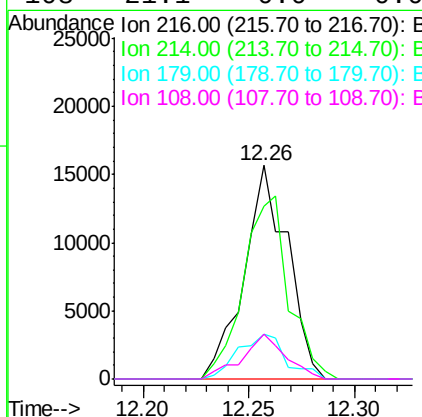
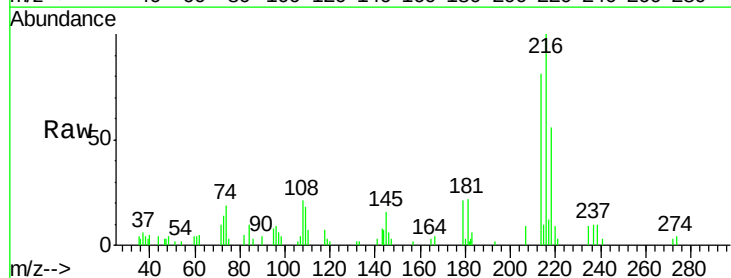
RT: 12.26 min Scan# 1593

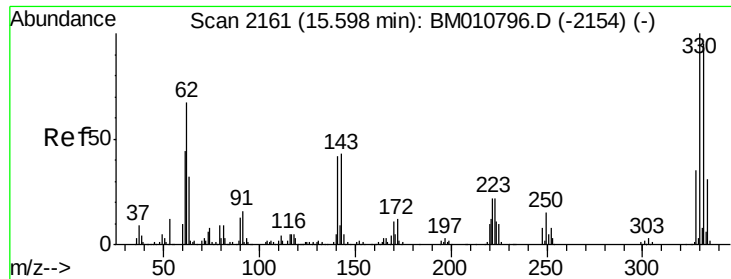
Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	89.3	0.0	0.0#	
179	23.3	0.0	0.0#	
108	21.1	0.0	0.0#	





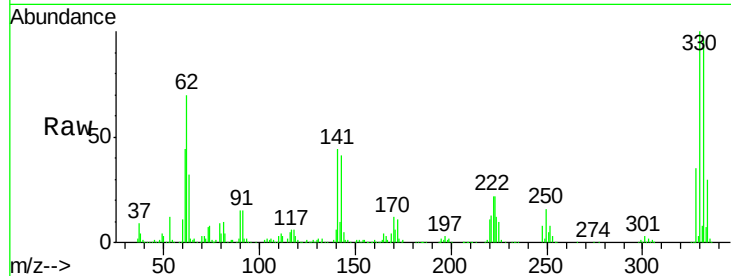
#41
 2,4,6-Tribromophenol
 Concen: 153.373 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

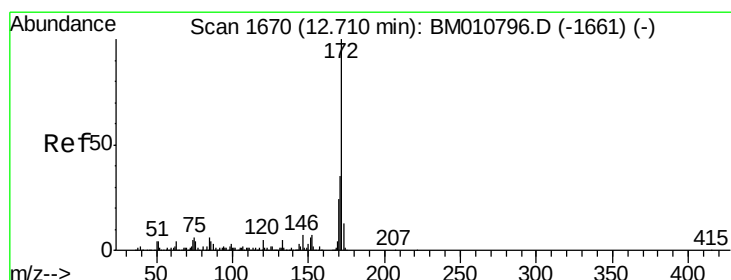
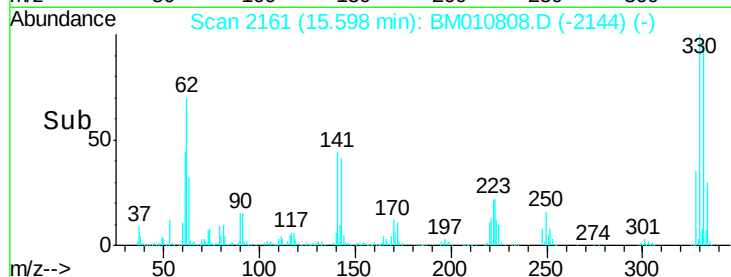
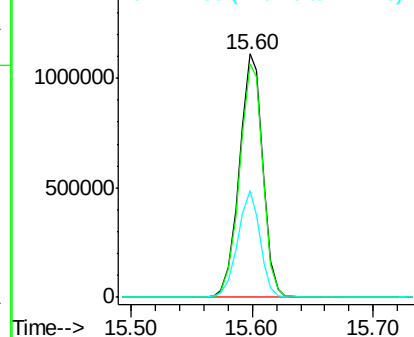
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	42.0	0.0	0.0#

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:13:07 AM



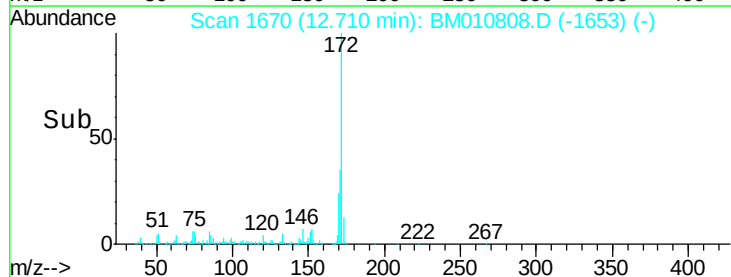
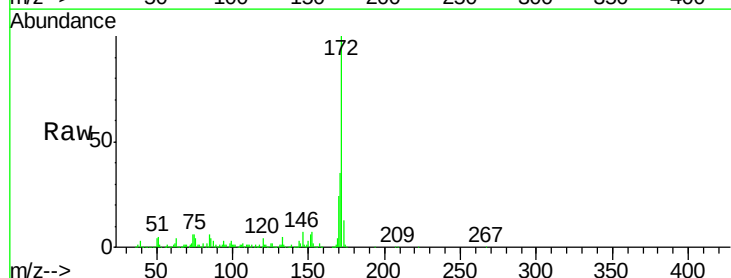
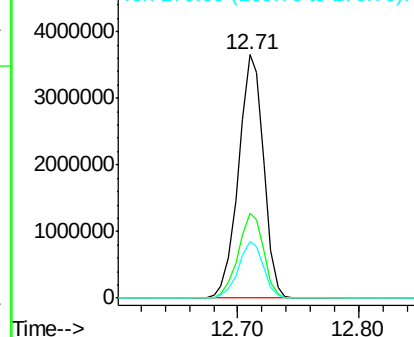
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

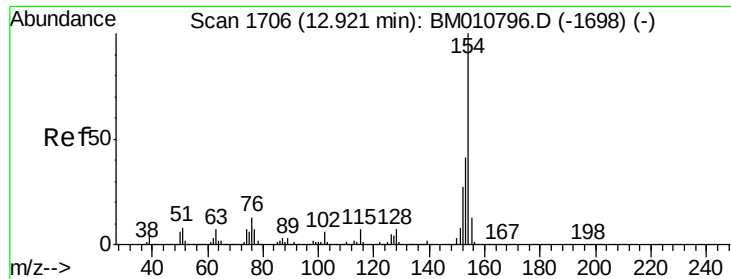


#44
 2-Fluorobiphenyl
 Concen: 102.718 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.5	18.8	28.2

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





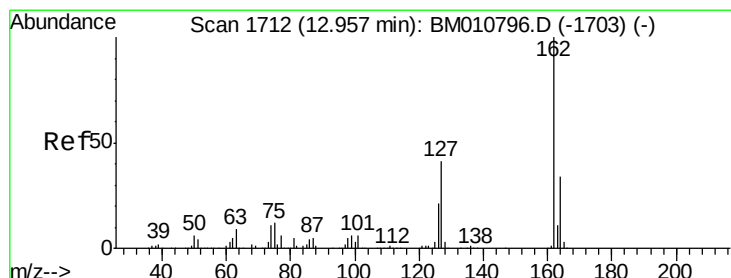
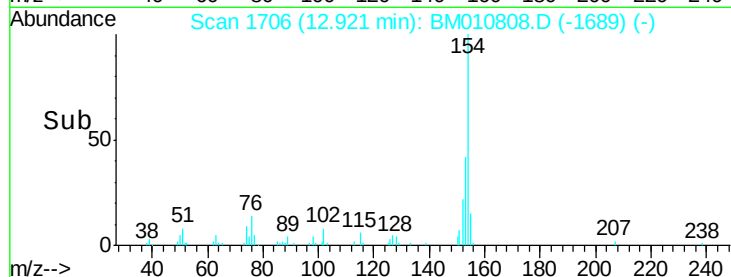
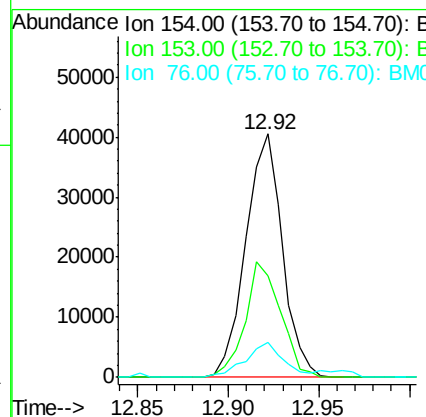
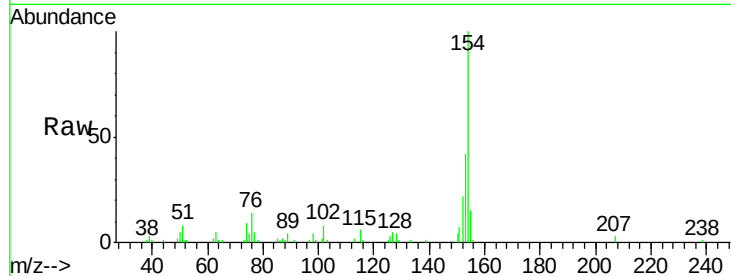
#45
 1,1'-Biphenyl
 Concen: 1.024 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	14.2	0.0	30.9

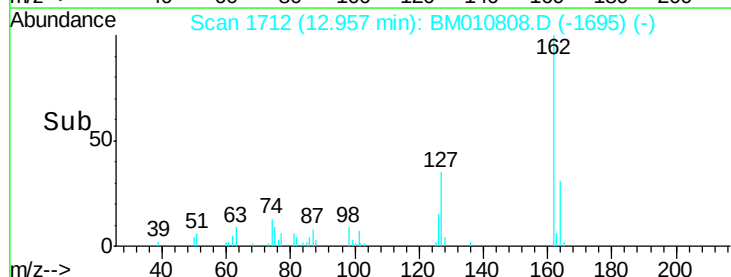
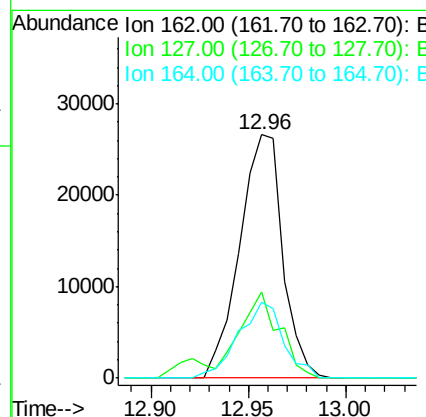
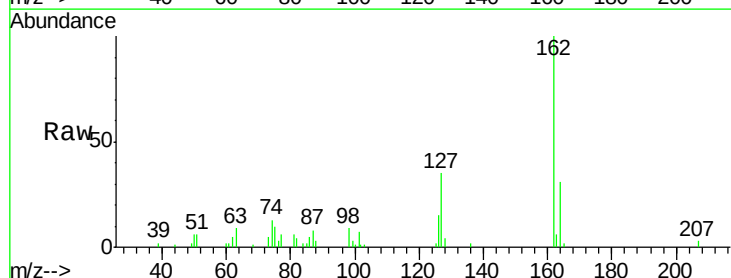
Manual Integrations
 APPROVED

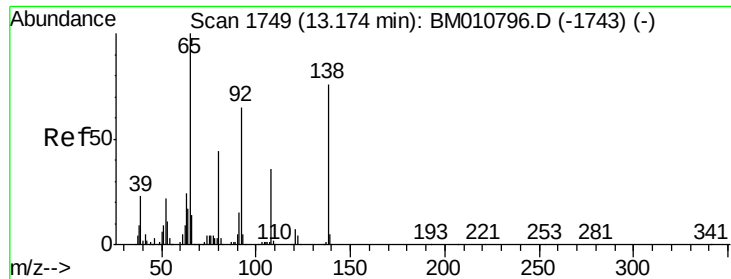
mohammad
 7/17/2017 8:13:07 AM



#46
 2-Chloronaphthalene
 Concen: 0.995 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.4	26.9	40.3
164	31.3	26.8	40.2





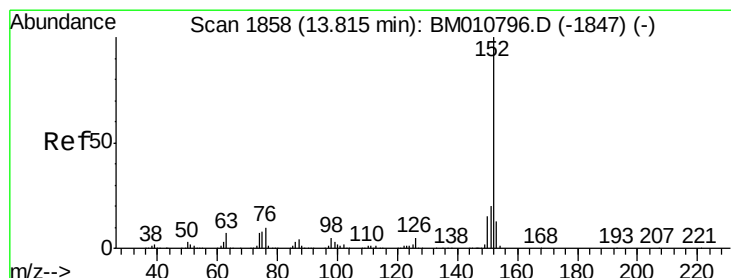
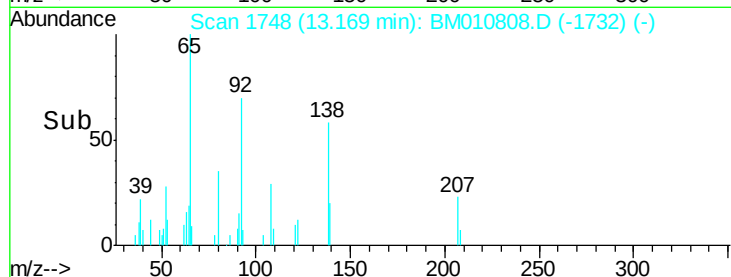
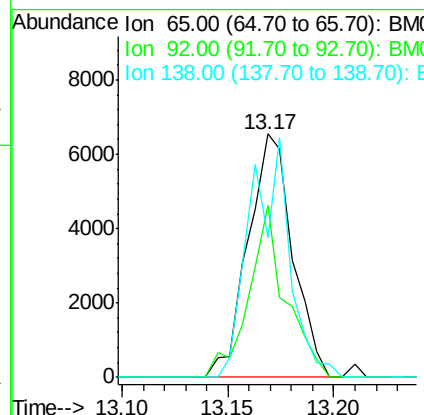
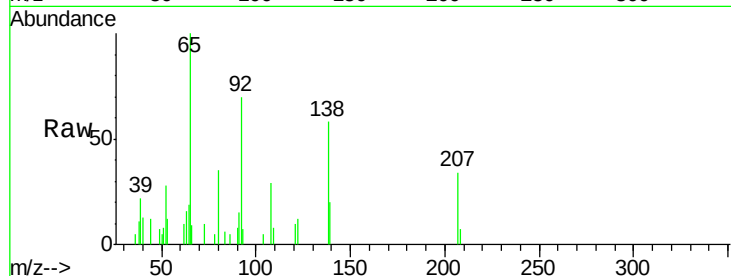
#47
2-Nitroaniline
Concen: 0.717 ng
RT: 13.17 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	59.1	88.7
138	57.6	93.9	140.9#

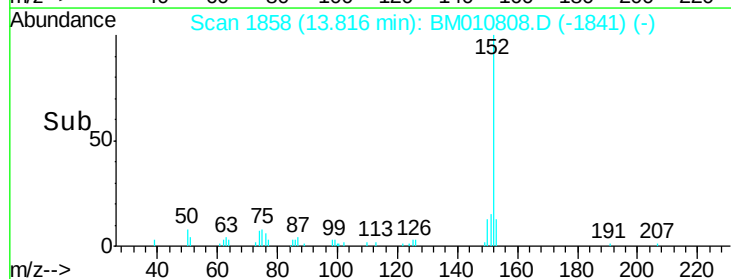
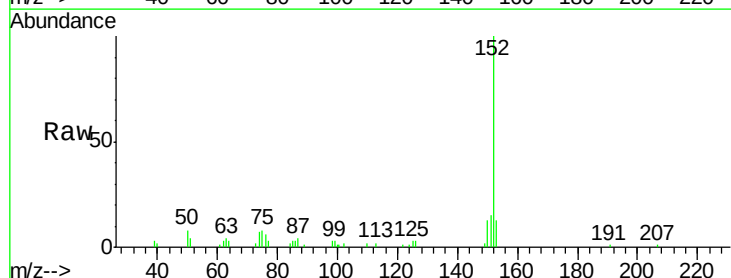
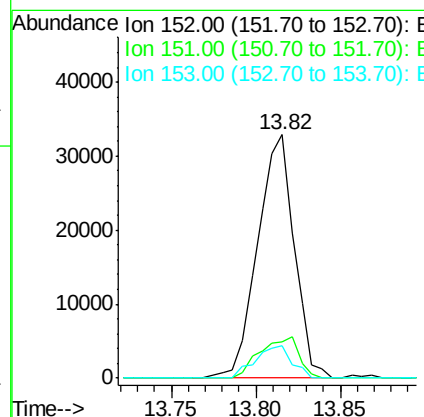
Manual Integrations
APPROVED

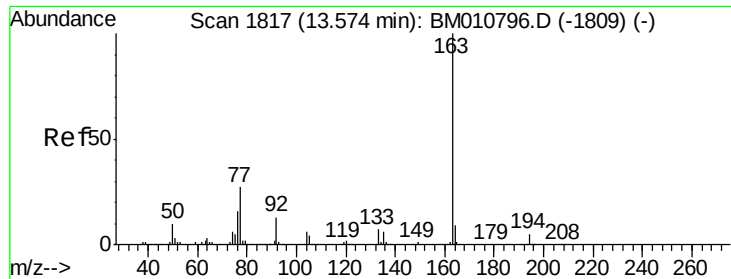
mohammad
7/17/2017 8:13:07 AM



#48
Acenaphthylene
Concen: 0.814 ng
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	14.8	15.9	23.9#
153	13.1	10.6	16.0





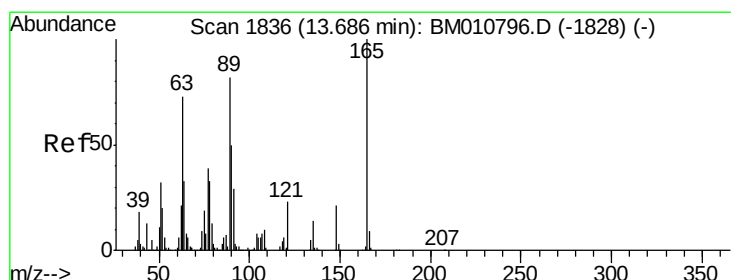
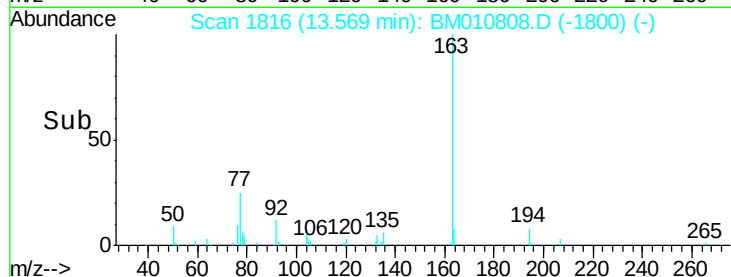
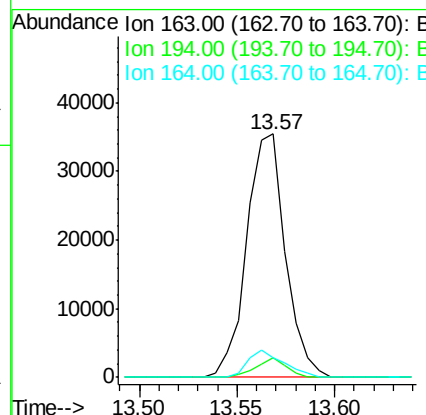
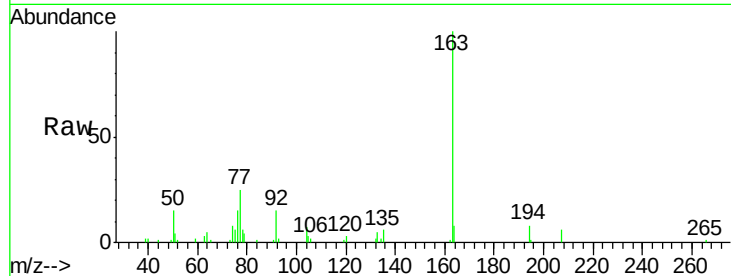
#49
Dimethylphthalate
Concen: 0.895 ng
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	48636		
194	7.8	2.7	4.1#	
164	8.1	8.2	12.2#	

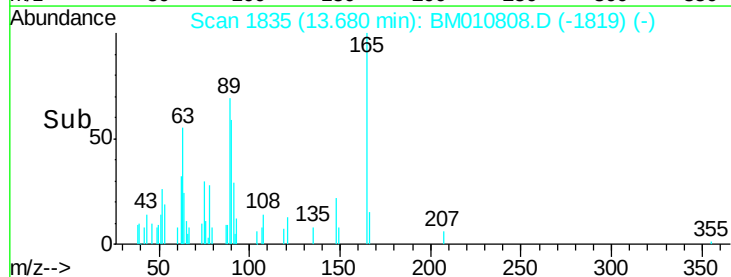
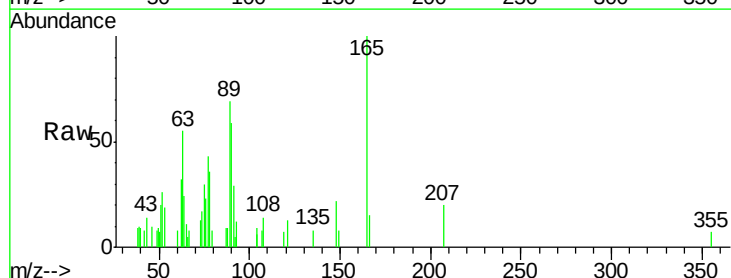
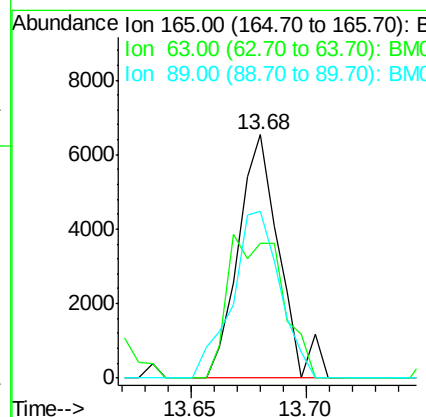
Manual Integrations
APPROVED

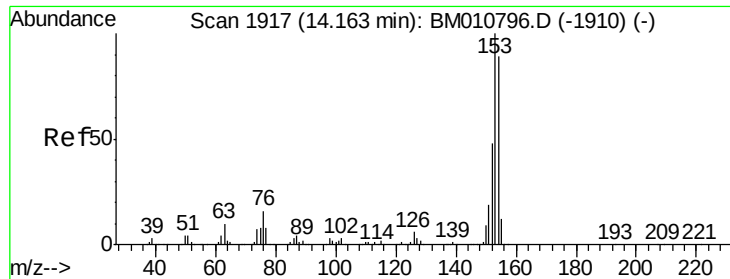
mohammad
7/17/2017 8:13:07 AM



#50
2,6-Dinitrotoluene
Concen: 0.758 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	8082		
63	55.3	44.1	66.1	
89	68.5	44.3	66.5#	





#51

Acenaphthene

Concen: 0.865 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

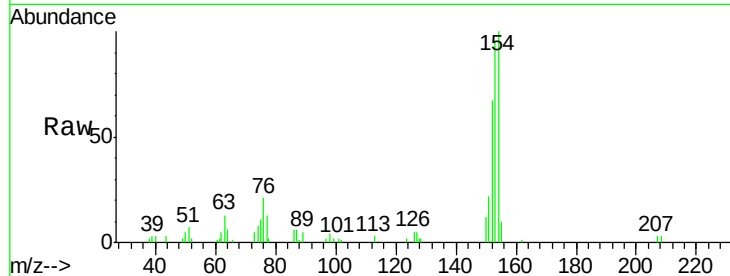
ClientSampleId :

LOD-WATER-05-QT3-2017

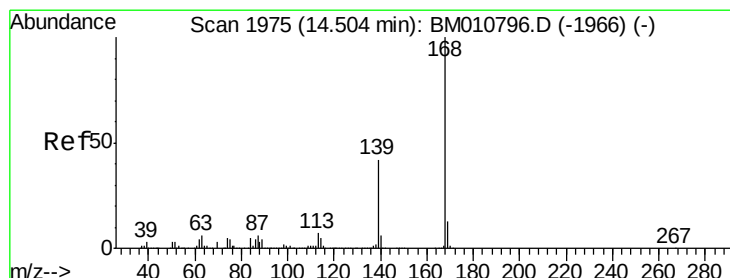
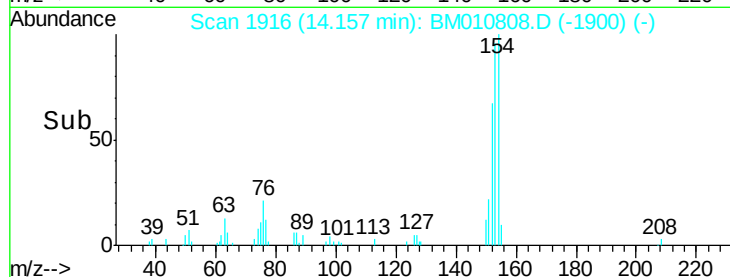
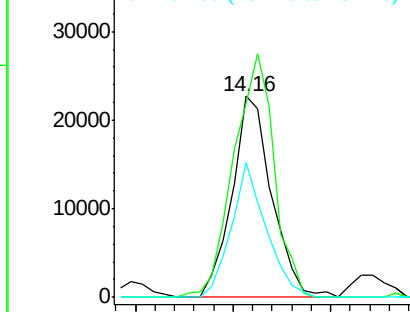
Tgt Ion:	154	Resp:	32093
Ion Ratio	Lower	Upper	
154	100		
153	96.4	90.0	135.0
152	66.9	42.6	63.8#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



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



#54

Dibenzofuran

Concen: 0.885 ng

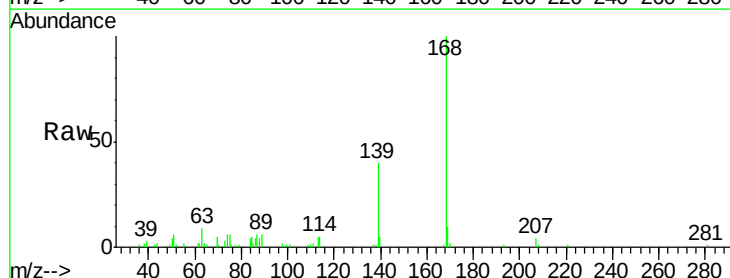
RT: 14.50 min Scan# 1974

Delta R.T. -0.01 min

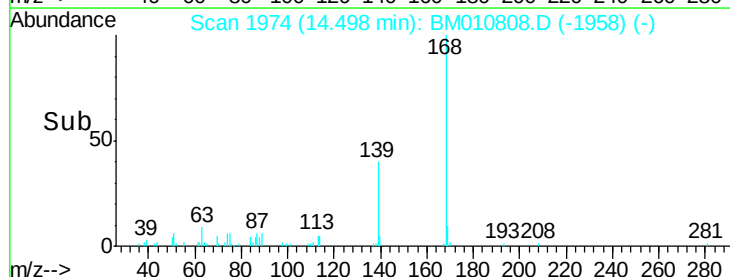
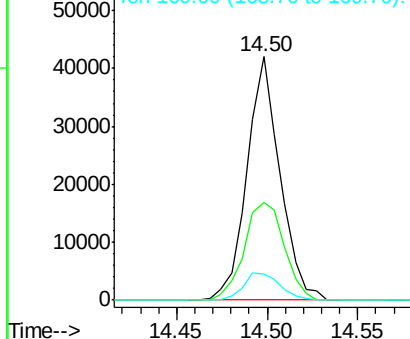
Lab File: BM010808.D

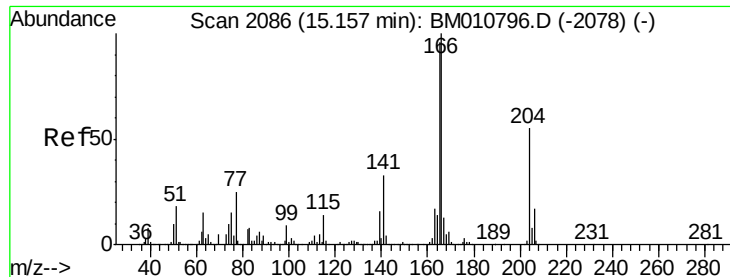
Acq: 13 Jul 2017 12:29

Tgt Ion:	168	Resp:	53105
Ion Ratio	Lower	Upper	
168	100		
139	40.4	27.3	40.9
169	10.5	10.6	16.0#



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





#57

Fluorene

Concen: 0.867 ng

RT: 15.15 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

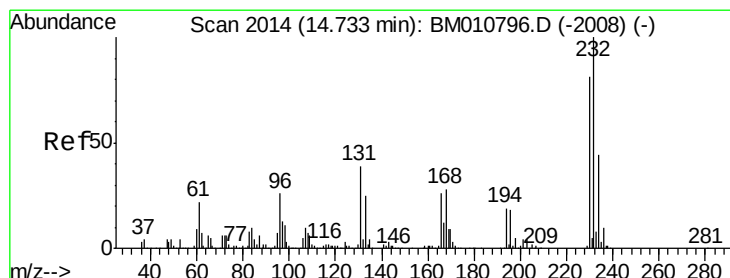
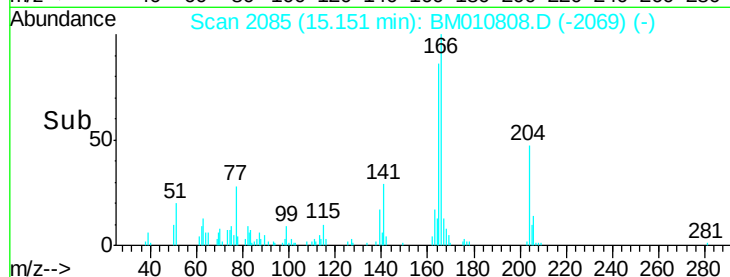
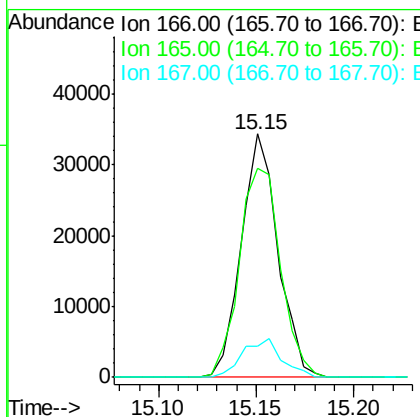
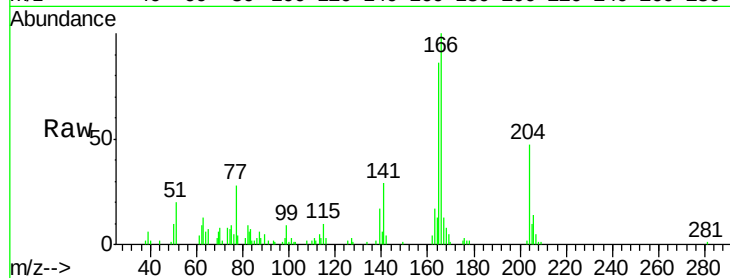
ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion:	166	Resp:	44722
Ion Ratio	Lower	Upper	
166	100		
165	85.9	79.0	118.4
167	12.8	10.3	15.5

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.697 ng

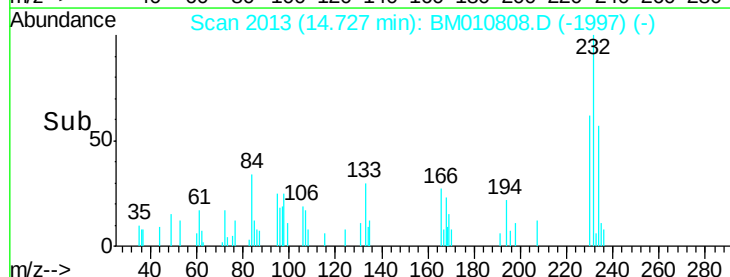
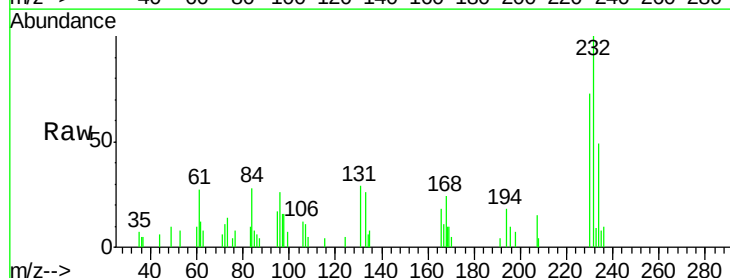
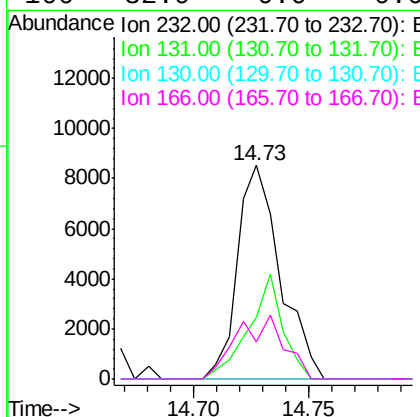
RT: 14.73 min Scan# 2013

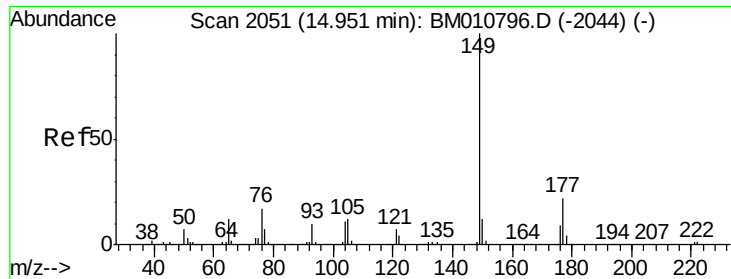
Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Tgt Ion:	232	Resp:	10973
Ion Ratio	Lower	Upper	
232	100		
131	38.9	0.0	0.0#
130	0.0	0.0	0.0
166	32.9	0.0	0.0#





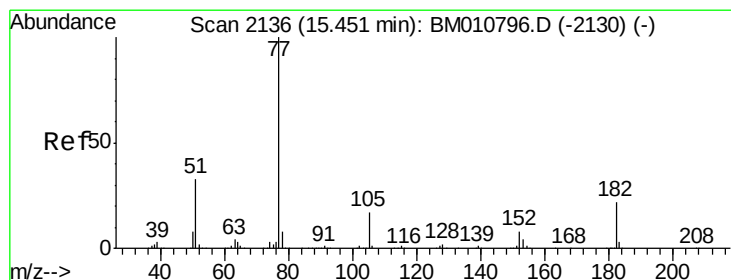
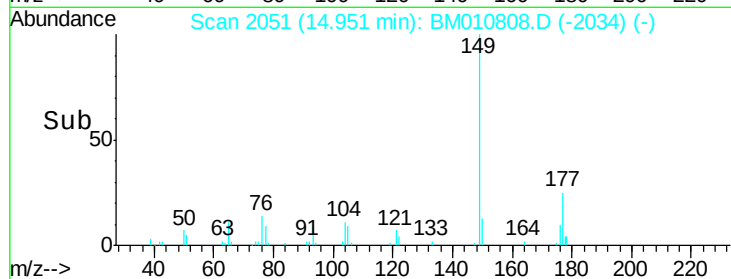
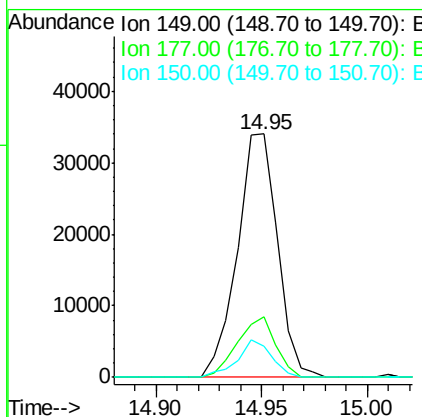
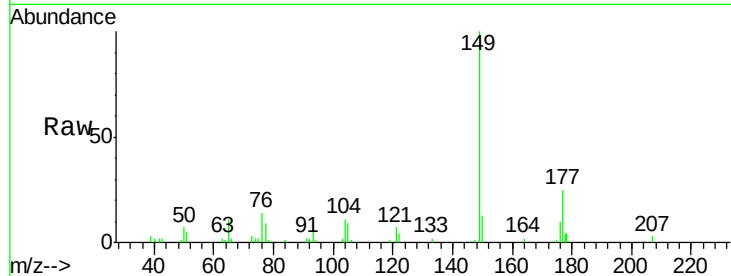
#59
Diethylphthalate
Concen: 0.834 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	44798		
177	24.8	18.3	27.5	
150	12.8	9.8	14.8	

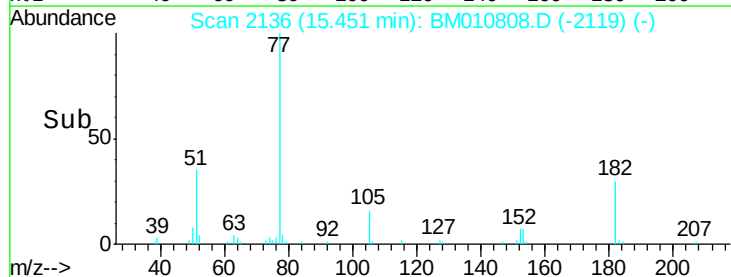
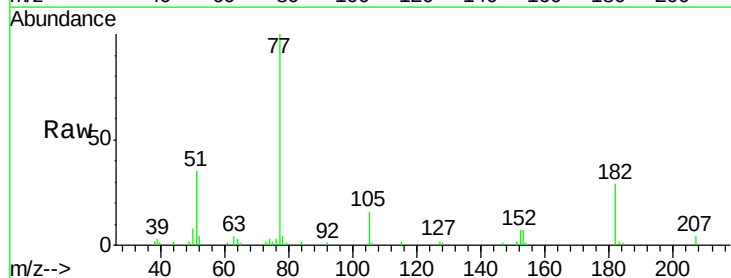
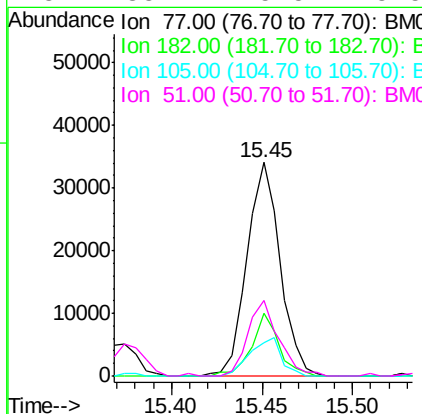
Manual Integrations
APPROVED

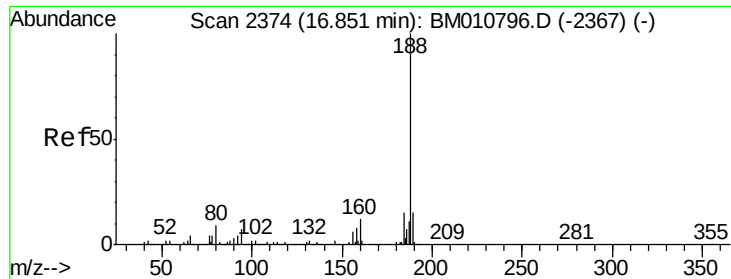
mohammad
7/17/2017 8:13:07 AM



#62
Azobenzene
Concen: 0.795 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	43350		
182	29.1	6.5	46.5	
105	15.6	3.8	43.8	
51	35.4	5.5	45.5	





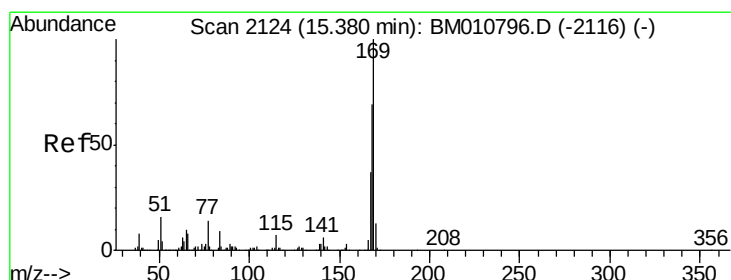
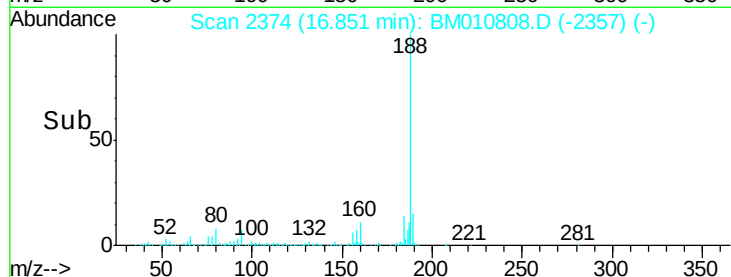
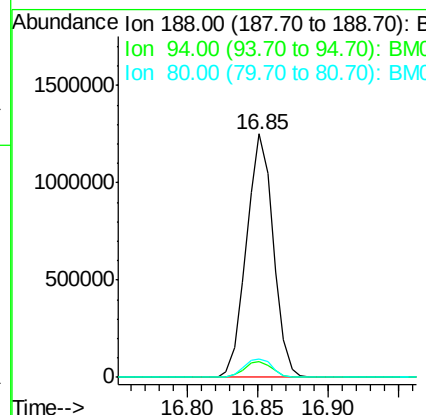
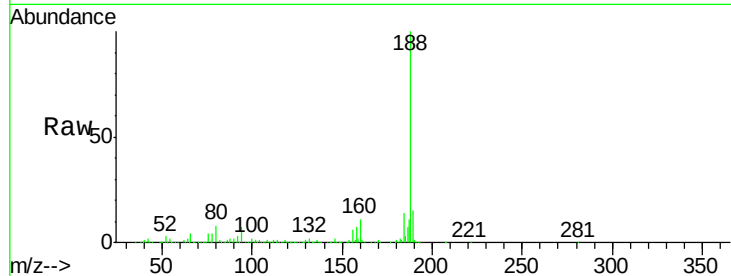
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1663265		
94	6.7	8.7	13.1#	
80	7.7	9.3	13.9#	

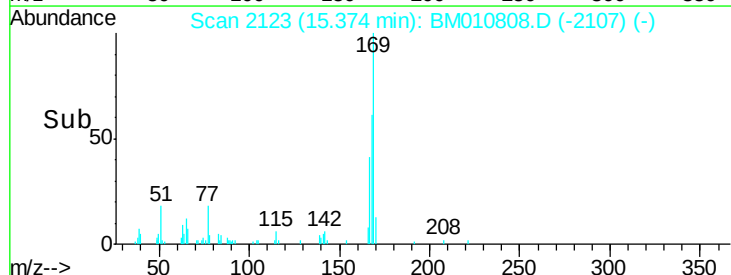
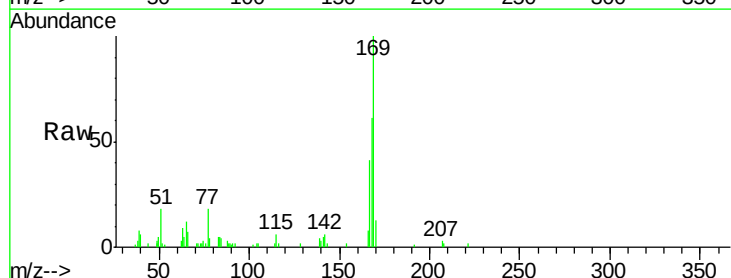
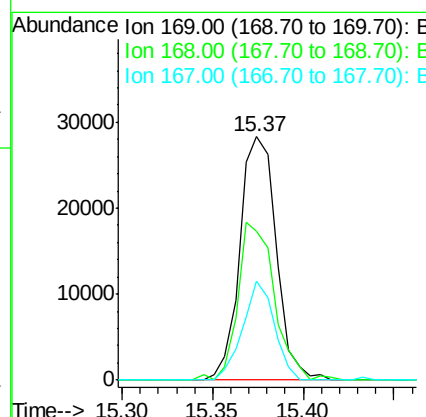
Manual Integrations
APPROVED

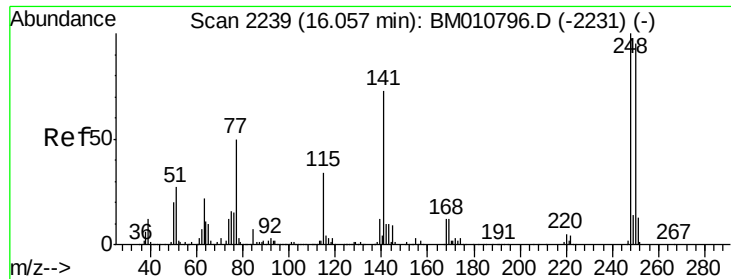
mohammad
7/17/2017 8:13:07 AM



#65
n-Nitrosodiphenylamine
Concen: 0.830 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	39505		
168	60.9	53.9	80.9	
167	40.6	28.9	43.3	





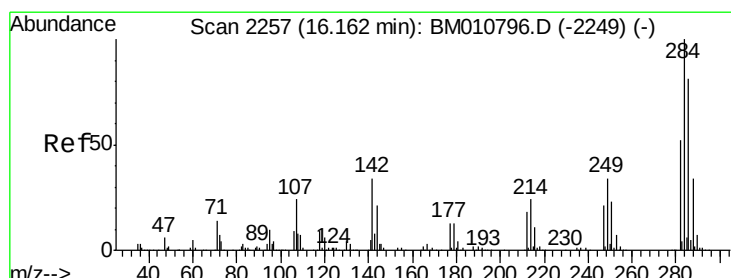
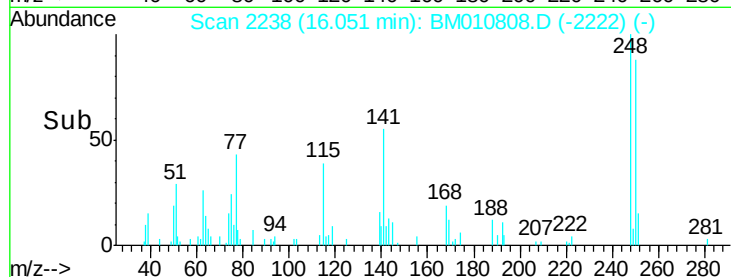
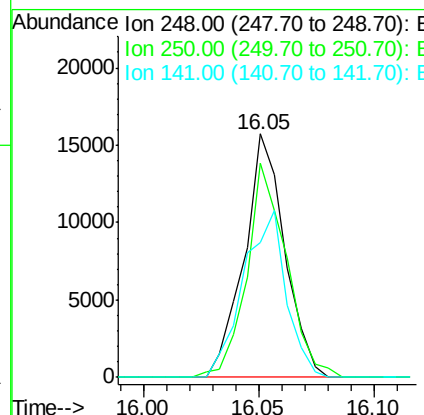
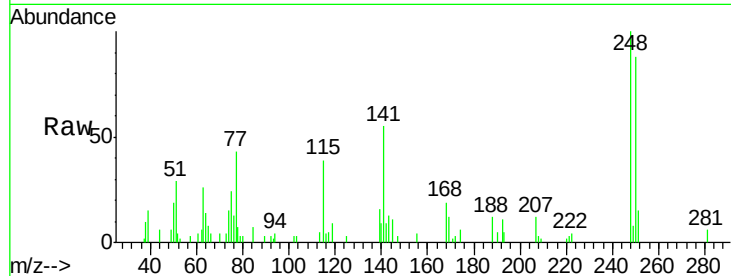
#66
 4-Bromophenyl-phenylether
 Concen: 0.913 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
248	100		
250	87.8	77.4	116.0
141	55.4	45.2	67.8

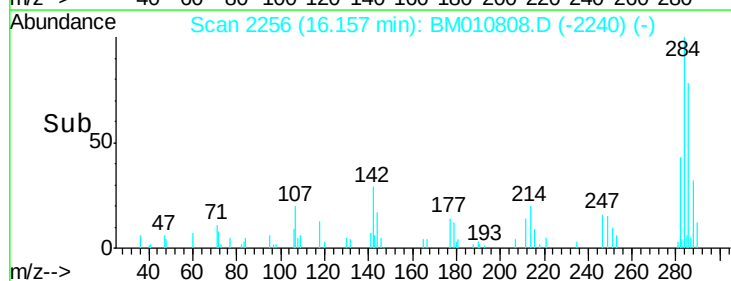
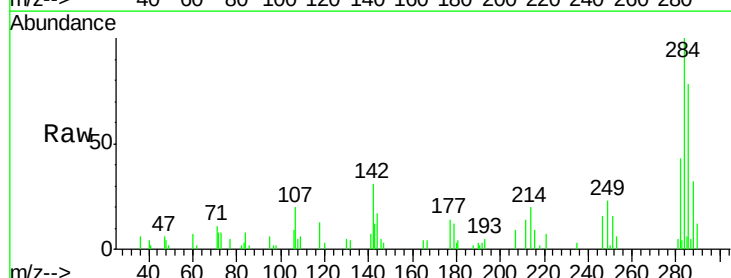
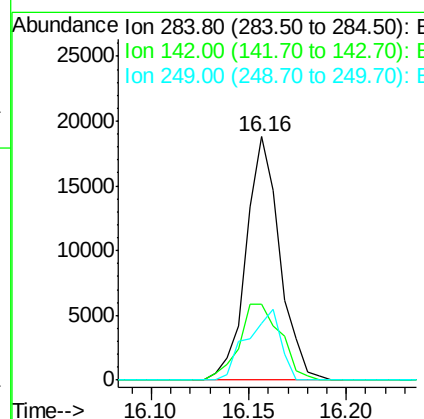
Manual Integrations
 APPROVED

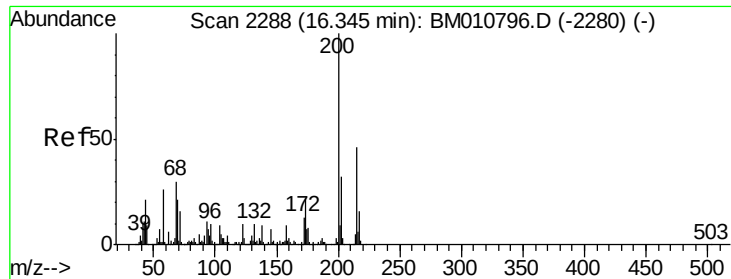
mohammad
 7/17/2017 8:13:07 AM



#67
 Hexachlorobenzene
 Concen: 0.932 ng
 RT: 16.16 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	20.4	30.6#
249	23.4	23.8	35.6#





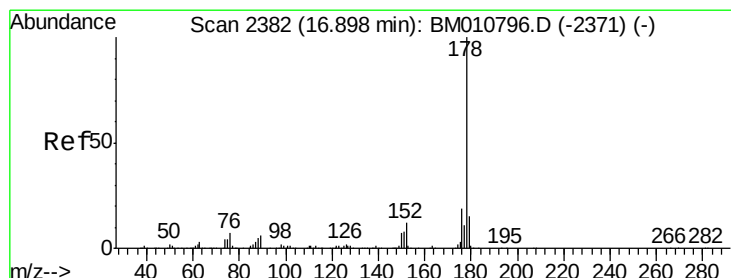
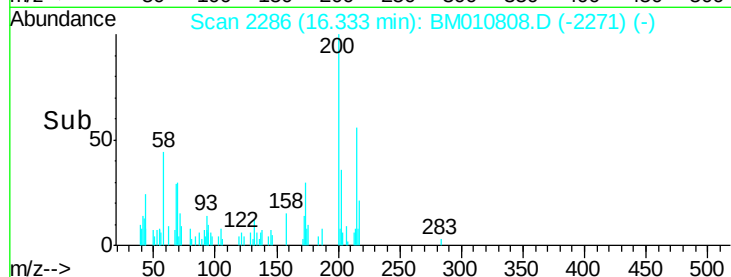
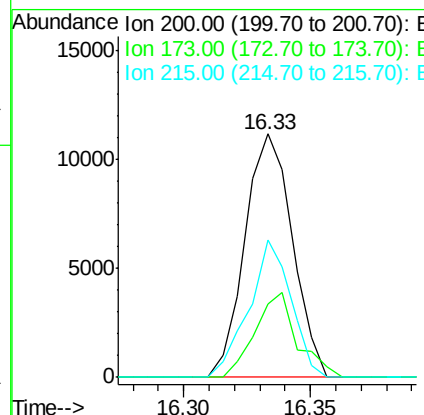
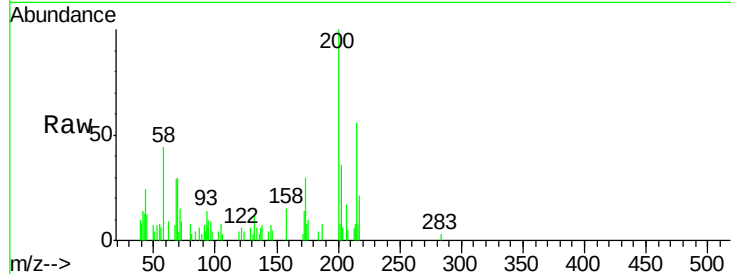
#68
Atrazine
Concen: 0.738 ng
RT: 16.33 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.2	4.8	44.8
215	56.4	26.9	66.9

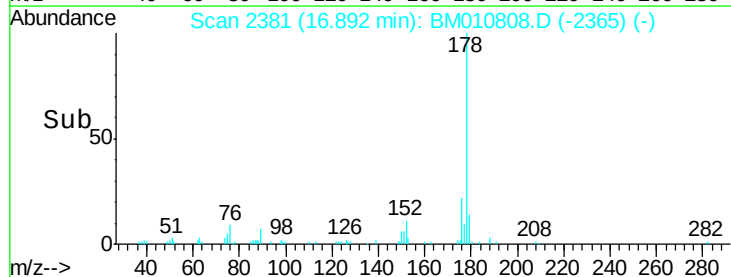
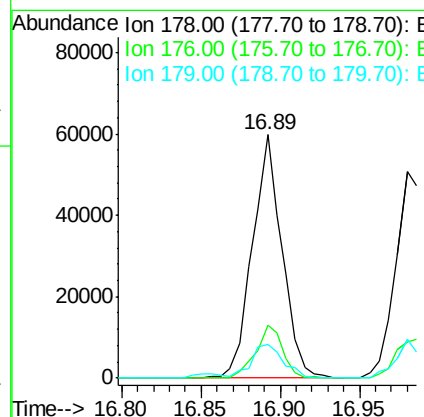
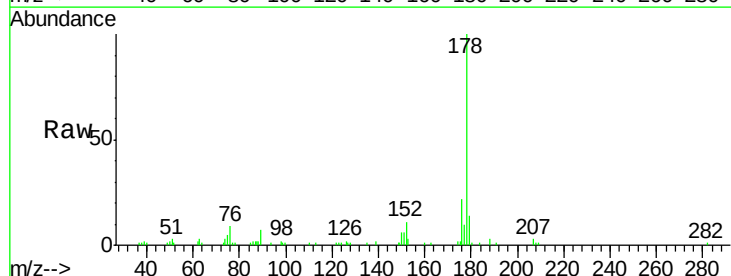
Manual Integrations
APPROVED

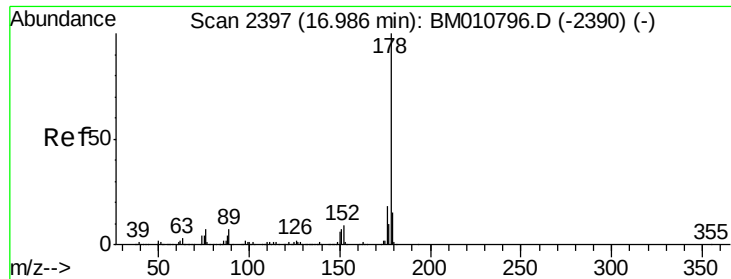
mohammad
7/17/2017 8:13:07 AM



#70
Phenanthrene
Concen: 0.897 ng
RT: 16.89 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.2	22.8
179	13.9	12.1	18.1





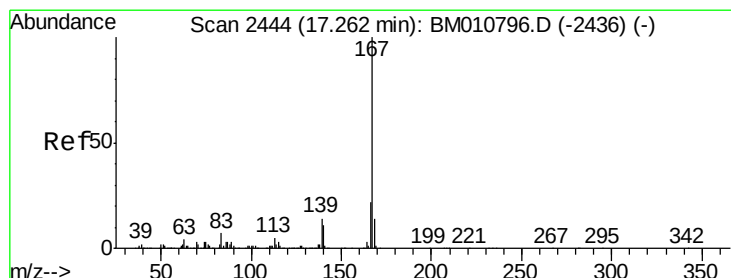
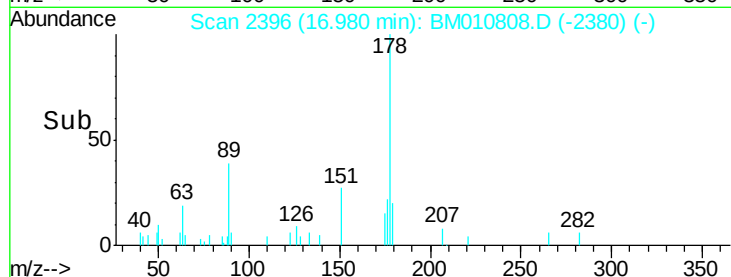
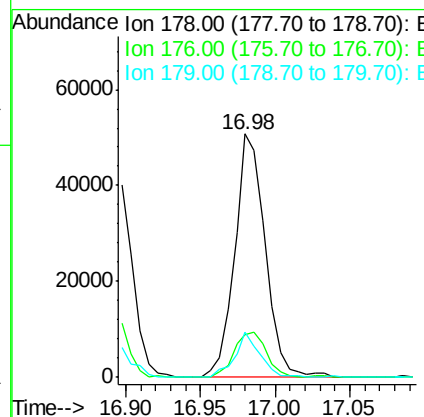
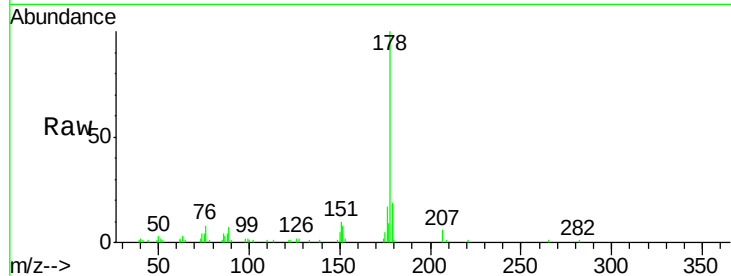
#71
 Anthracene
 Concen: 0.847 ng
 RT: 16.98 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.6	22.0
179	18.5	12.6	19.0

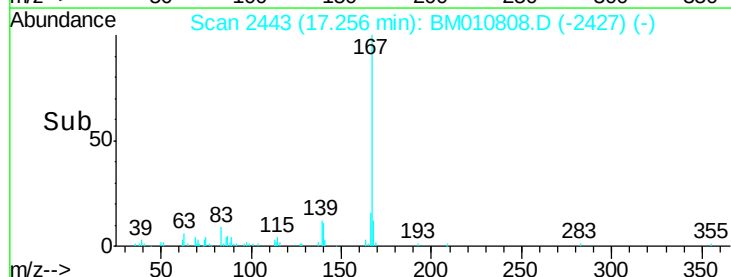
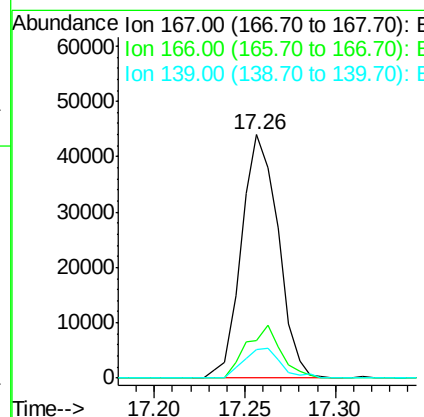
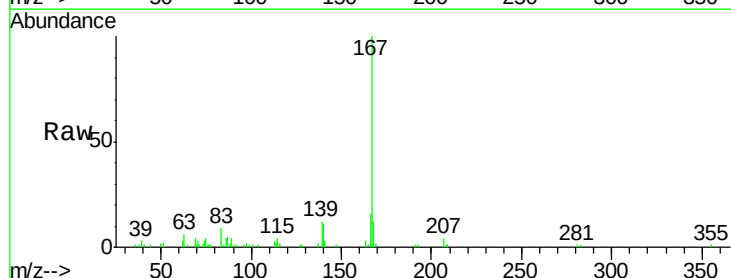
Manual Integrations
 APPROVED

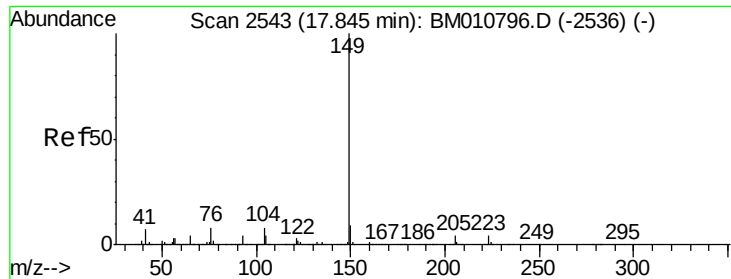
mohammad
 7/17/2017 8:13:07 AM



#72
 Carbazole
 Concen: 0.820 ng
 RT: 17.26 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	15.5	17.2	25.8#
139	11.6	10.8	16.2





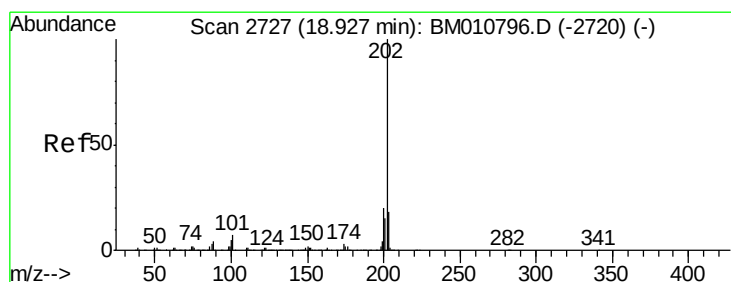
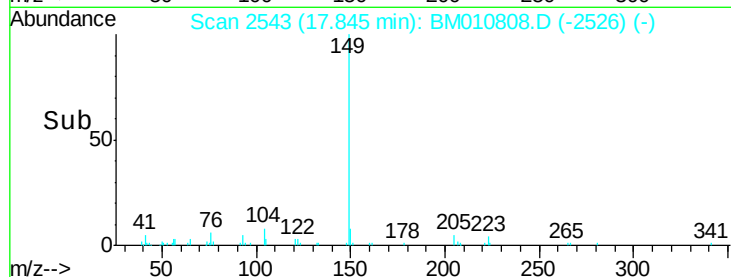
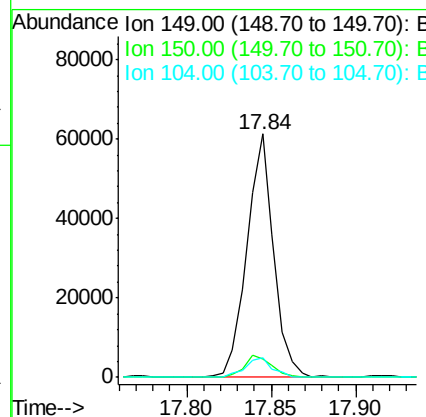
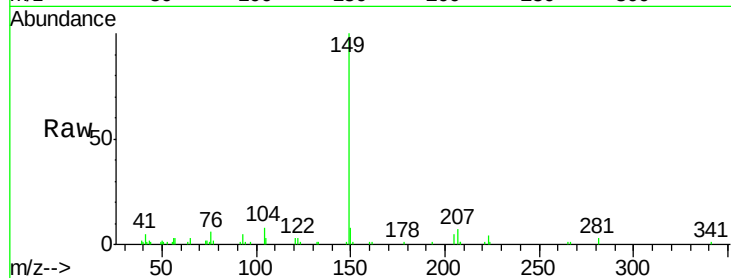
#73
Di-n-butylphthalate
Concen: 0.754 ng
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	67491		
150	7.7		7.5	11.3
104	8.2		3.7	5.5

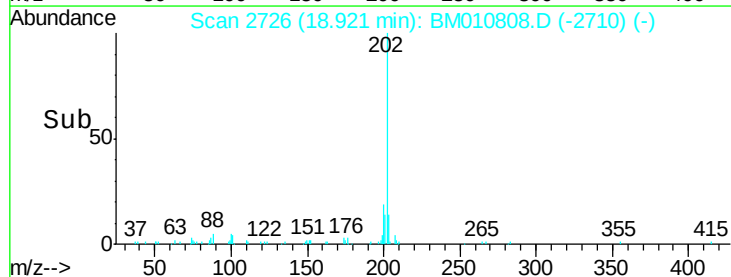
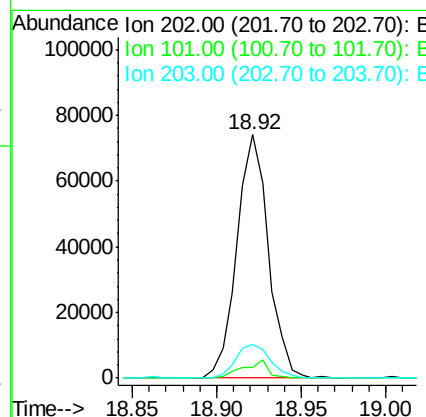
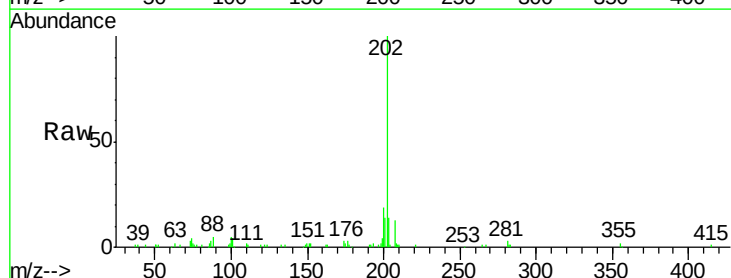
Manual Integrations
APPROVED

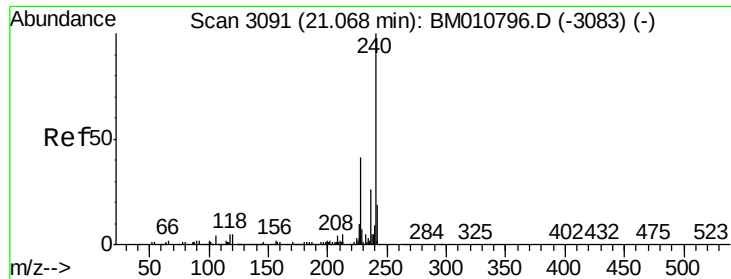
mohammad
7/17/2017 8:13:07 AM



#74
Fluoranthene
Concen: 0.897 ng
RT: 18.92 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	96168		
101	4.2		0.0	28.7
203	13.8		0.0	37.2





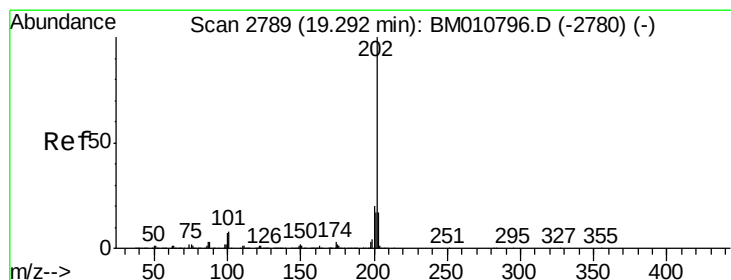
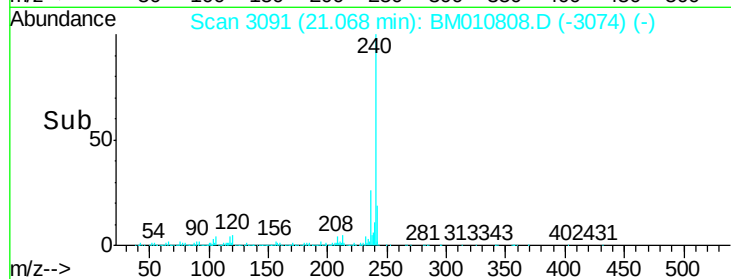
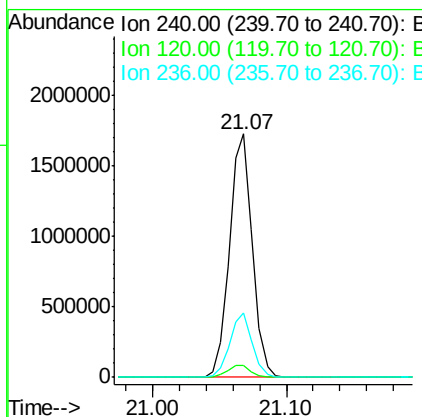
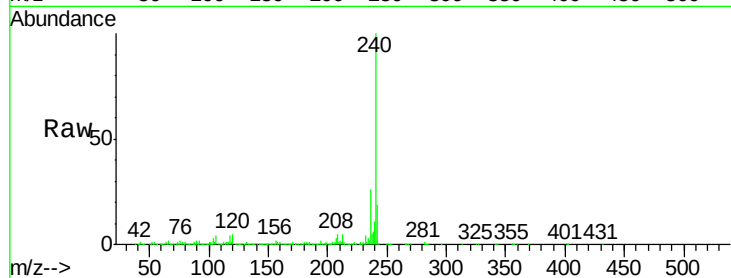
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion: 240 Resp: 2070603
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 26.3 20.0 30.0

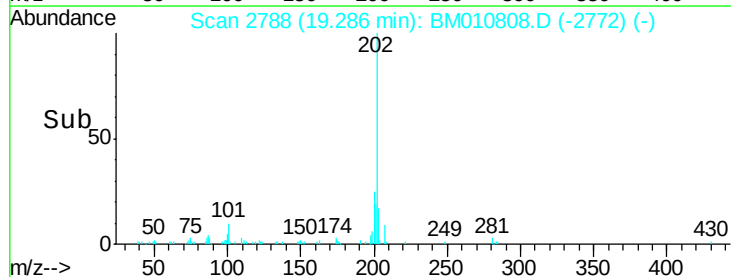
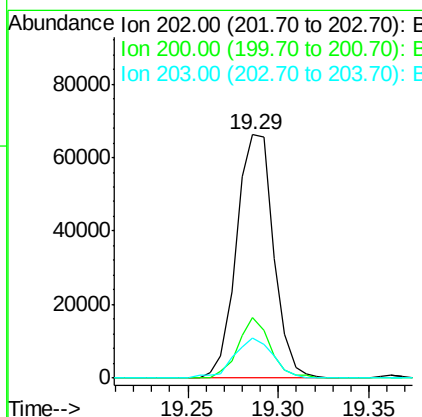
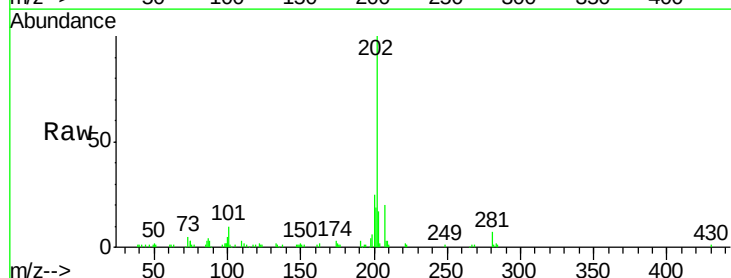
Manual Integrations
APPROVED

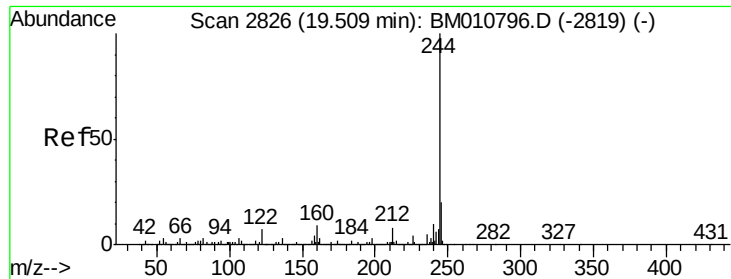
mohammad
7/17/2017 8:13:07 AM



#77
Pyrene
Concen: 0.783 ng
RT: 19.29 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion: 202 Resp: 94015
Ion Ratio Lower Upper
202 100
200 25.0 16.9 25.3
203 16.7 14.1 21.1





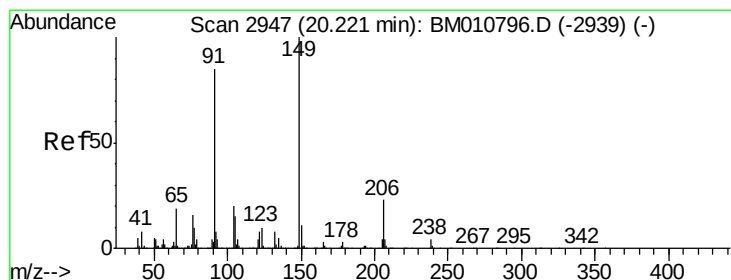
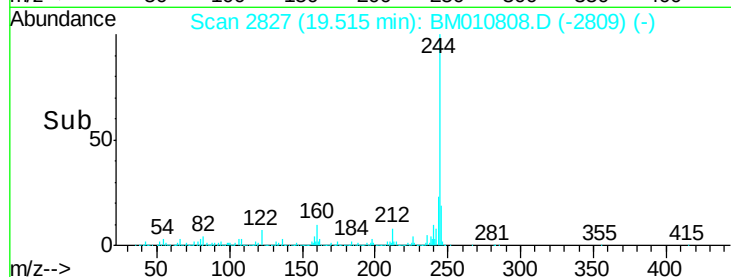
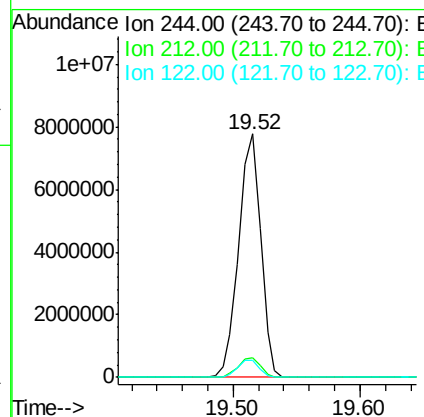
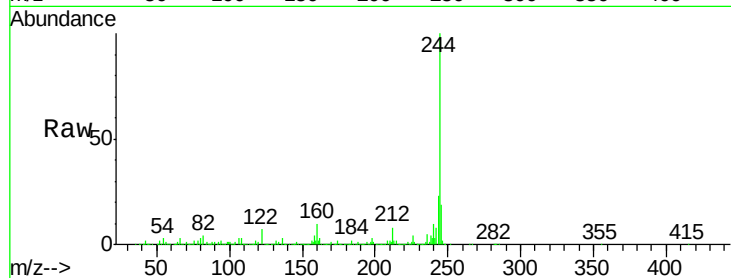
#78
 Terphenyl-d14
 Concen: 86.988 ng
 RT: 19.52 min Scan# 2827
 Delta R.T. 0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion:244 Resp: 9312730
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 7.2 6.2 9.4

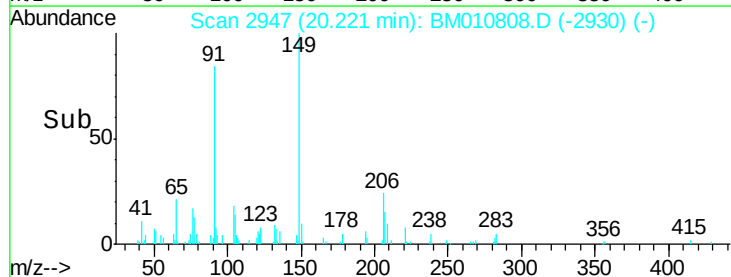
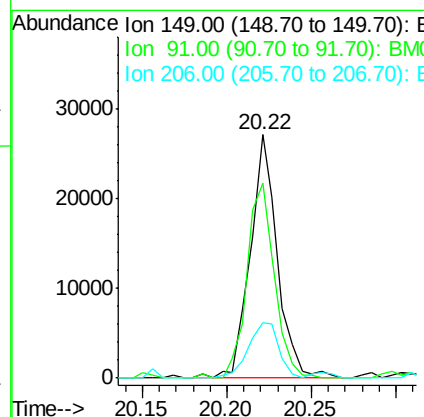
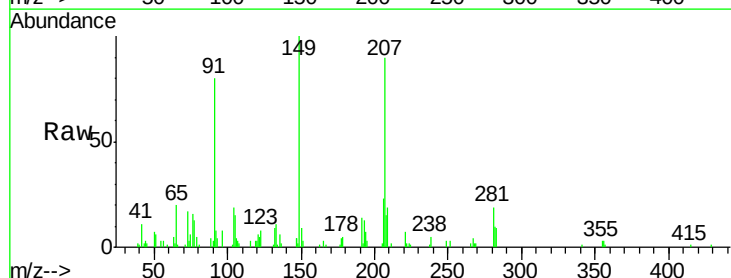
Manual Integrations
 APPROVED

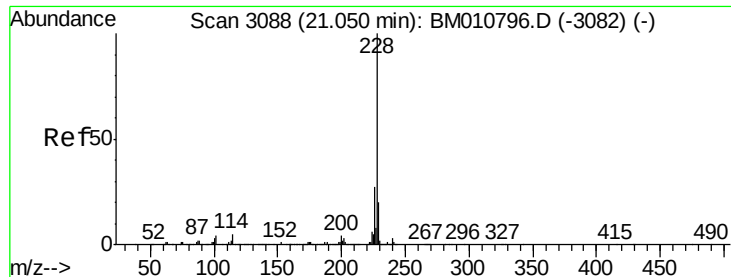
mohammad
 7/17/2017 8:13:07 AM



#79
 Butylbenzylphthalate
 Concen: 0.725 ng
 RT: 20.22 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Tgt Ion:149 Resp: 30458
 Ion Ratio Lower Upper
 149 100
 91 80.2 50.1 75.1#
 206 22.7 16.2 24.2





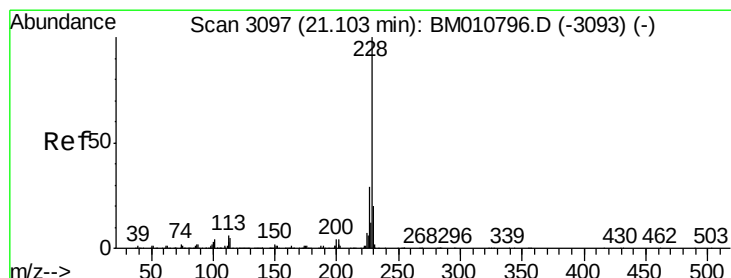
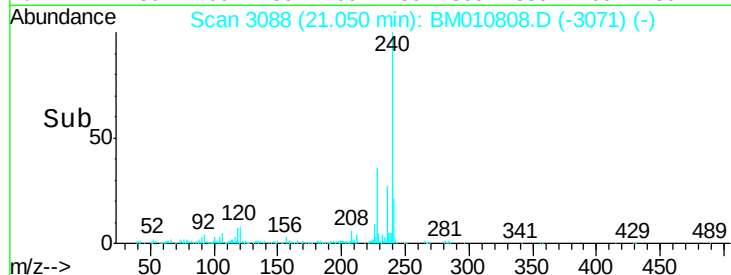
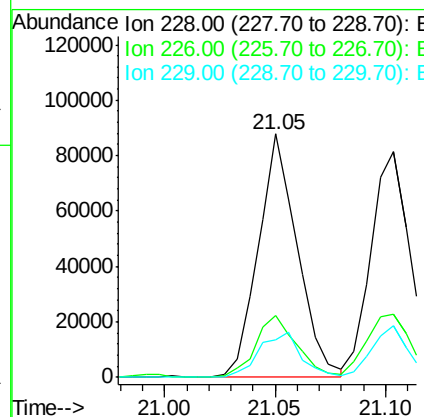
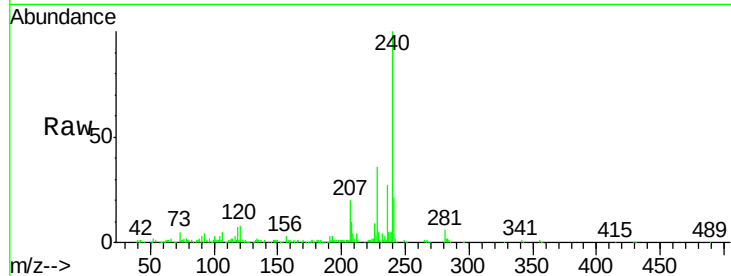
#80
Benzo(a)anthracene
Concen: 0.897 ng m
RT: 21.05 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.3	21.7	32.5
229	15.4	16.0	24.0

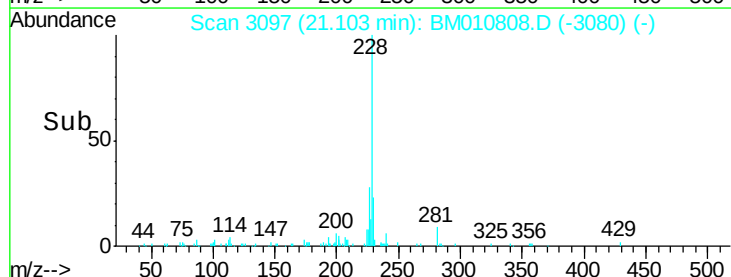
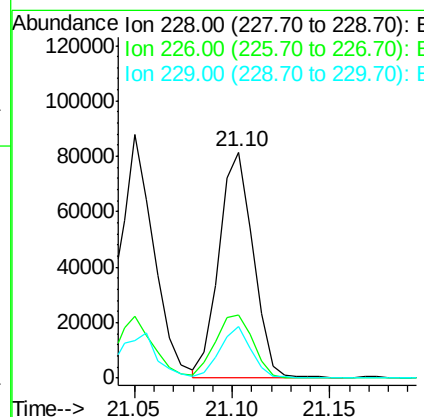
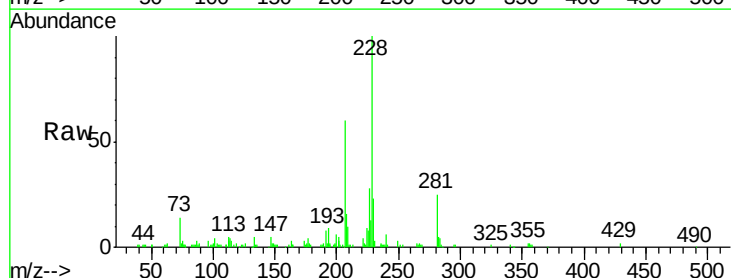
Manual Integrations
APPROVED

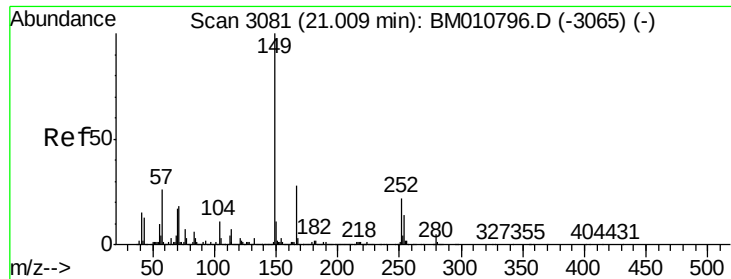
mohammad
7/17/2017 8:13:07 AM



#82
Chrysene
Concen: 0.869 ng
RT: 21.10 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM010808.D
Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.1	36.1
229	22.9	15.5	23.3





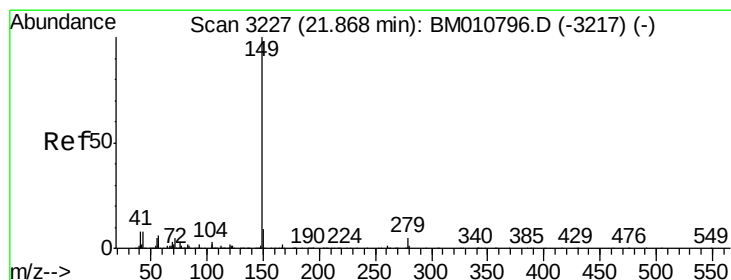
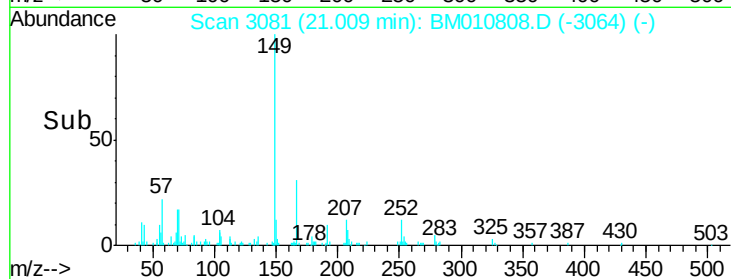
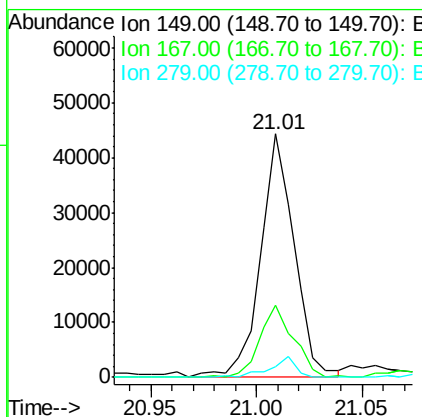
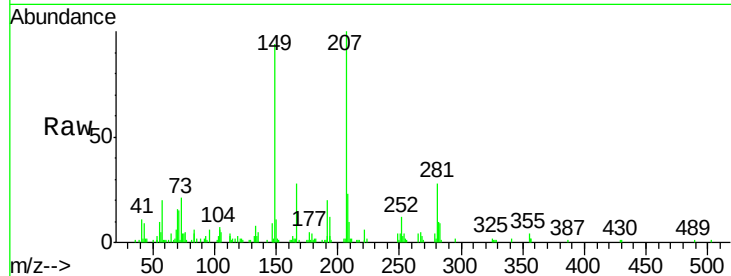
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.805 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.4	33.6
279	4.5	3.4	5.0

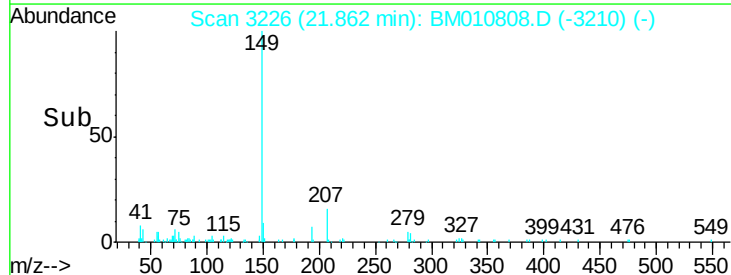
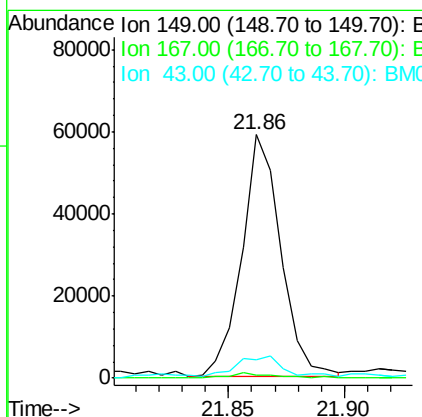
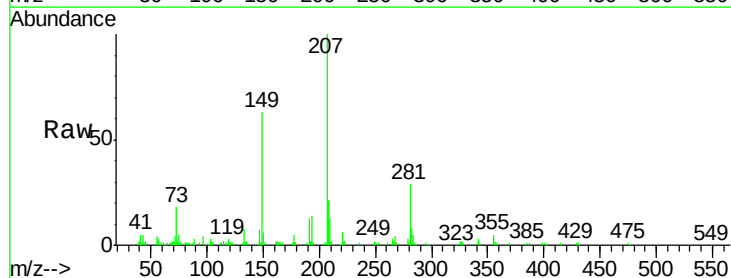
Manual Integrations
 APPROVED

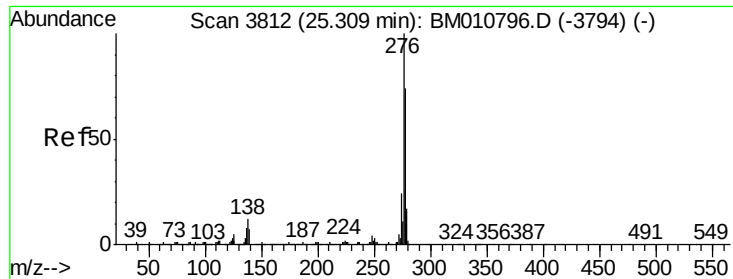
mohammad
 7/17/2017 8:13:07 AM



#84
 Di-n-octyl phthalate
 Concen: 0.690 ng
 RT: 21.86 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.5	1.2	1.8#
43	11.6	7.3	10.9#





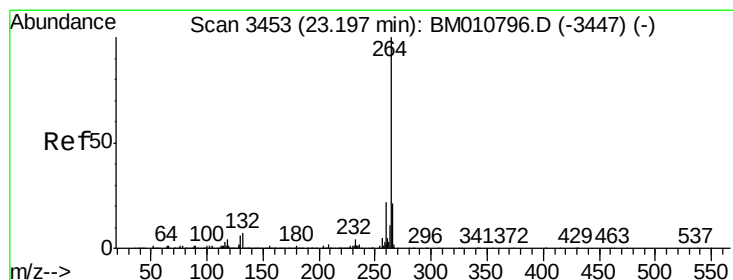
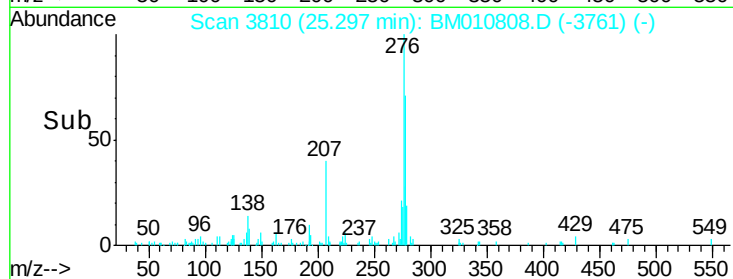
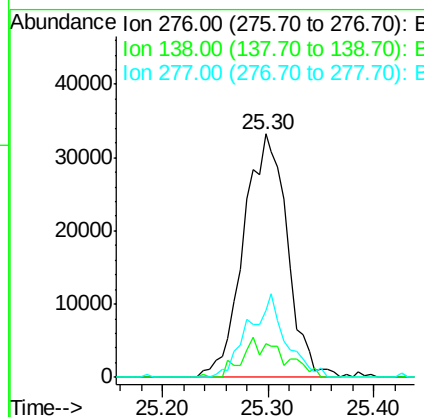
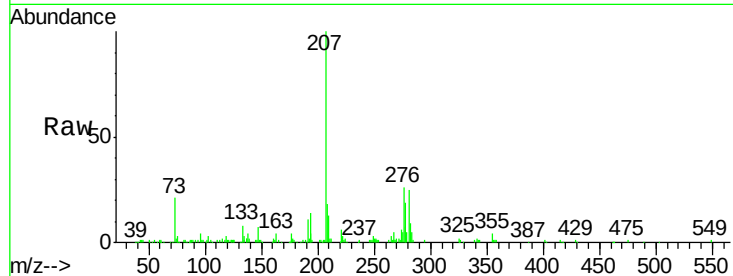
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.727 ng
 RT: 25.30 min Scan# 3810
 Delta R.T. -0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	6.6	0.0	0.0#
277	29.5	0.0	0.0#

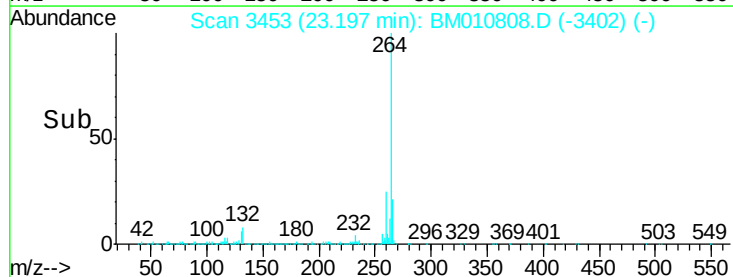
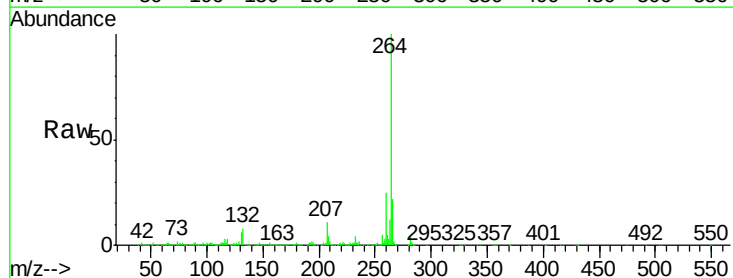
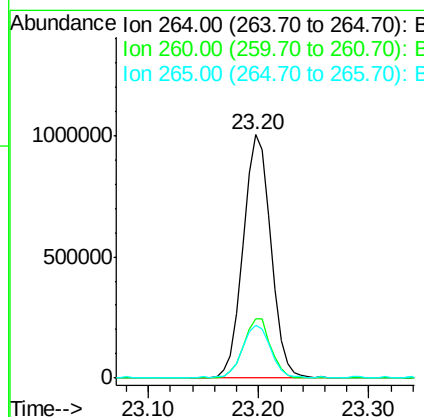
Manual Integrations
 APPROVED

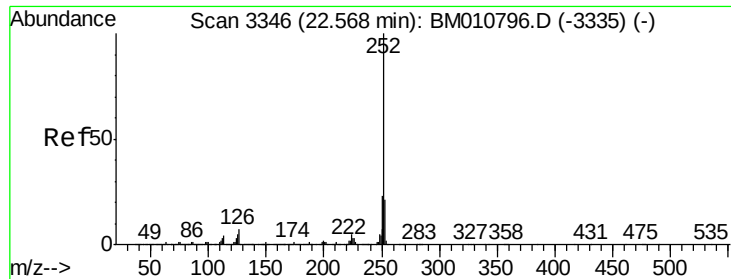
mohammad
 7/17/2017 8:13:07 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.20 min Scan# 3453
 Delta R.T. 0.00 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.6	18.6	27.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 0.866 ng

RT: 22.57 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

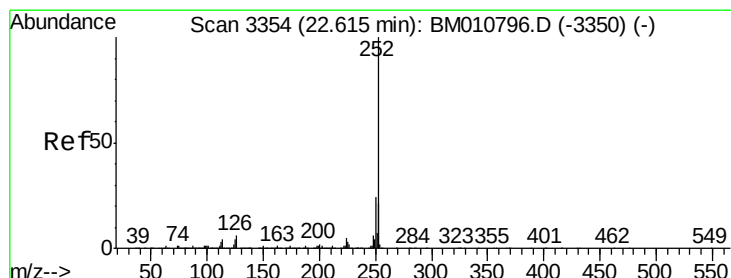
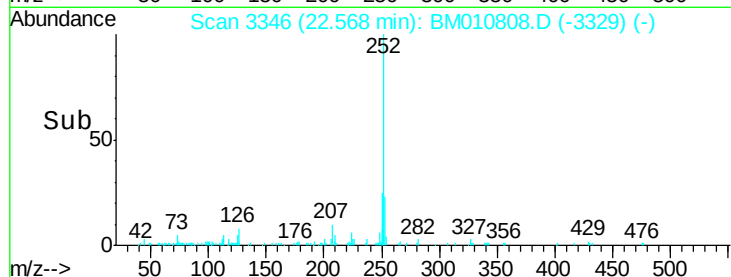
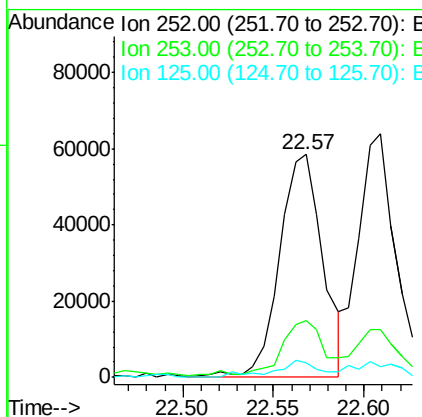
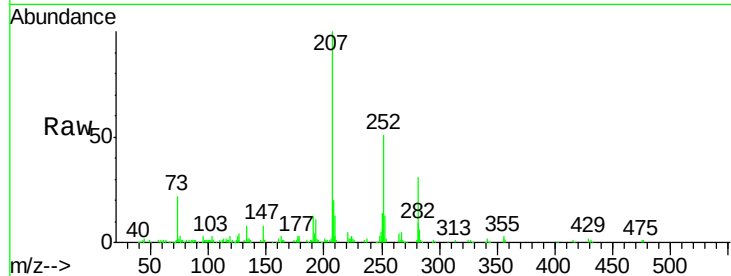
ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion:	252	Resp:	97850
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.0	27.0
125	6.4	9.9	14.9#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



#88

Benzo(k)fluoranthene

Concen: 0.853 ng

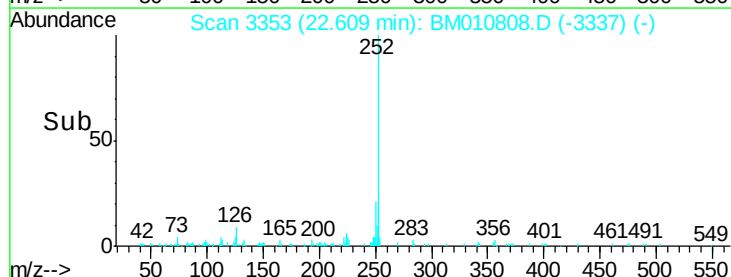
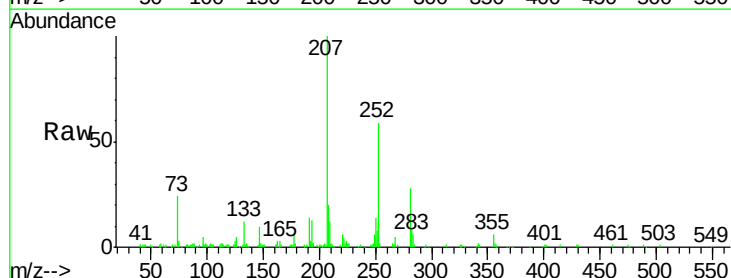
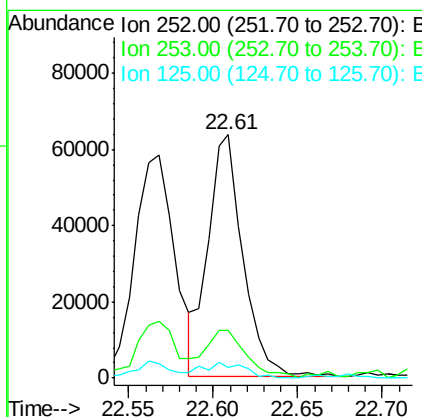
RT: 22.61 min Scan# 3353

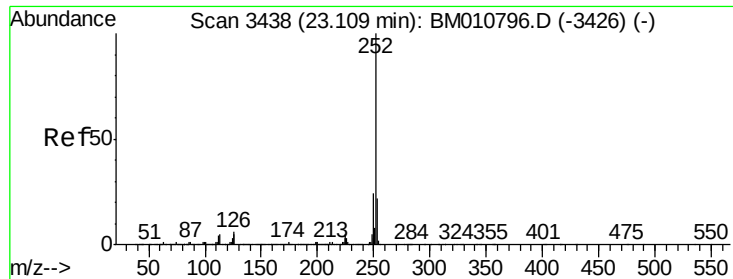
Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Tgt Ion:	252	Resp:	92046
Ion Ratio	Lower	Upper	
252	100		
253	19.4	17.2	25.8
125	4.4	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 0.835 ng

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Instrument :

BNA_M

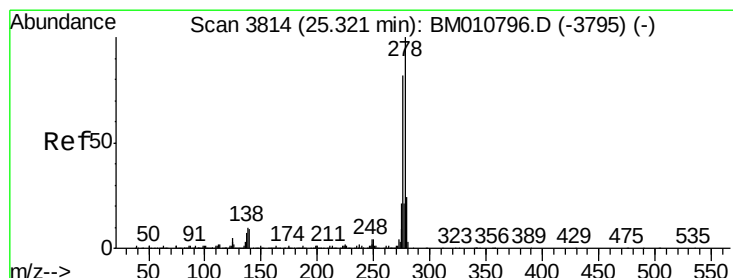
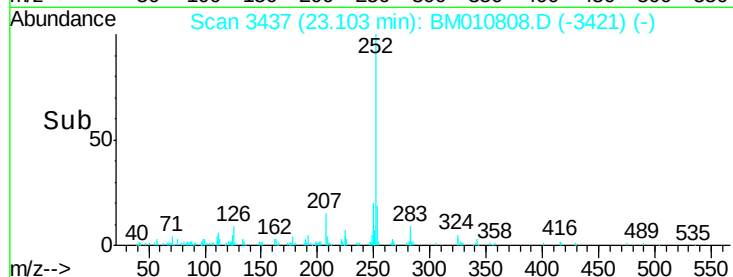
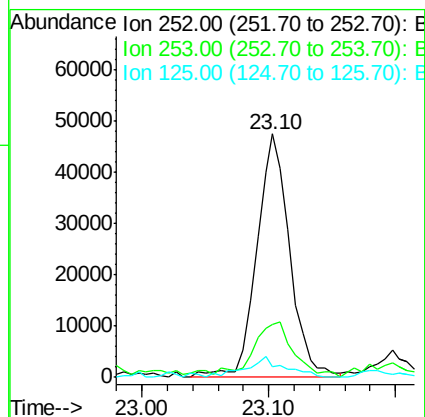
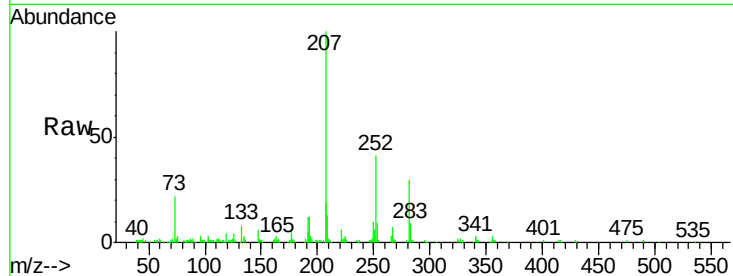
ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion:	252	Resp:	85924
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	4.4	7.4	11.2

Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:07 AM



#90

Dibenzo(a,h)anthracene

Concen: 0.773 ng

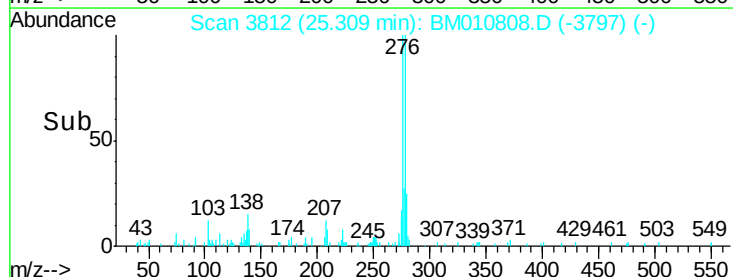
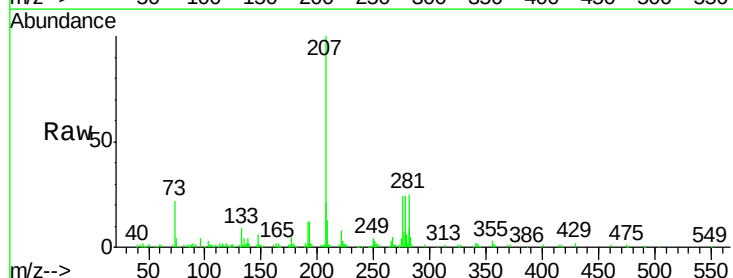
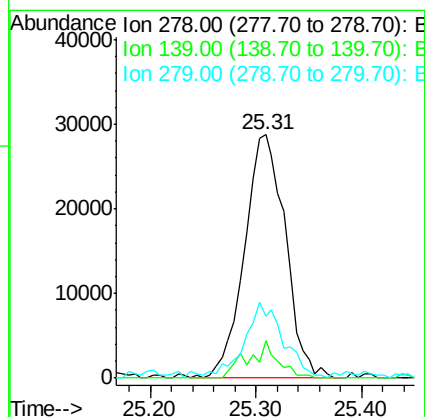
RT: 25.31 min Scan# 3812

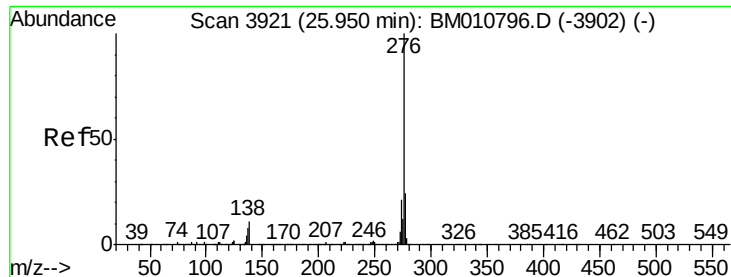
Delta R.T. -0.01 min

Lab File: BM010808.D

Acq: 13 Jul 2017 12:29

Tgt Ion:	278	Resp:	77154
Ion Ratio	Lower	Upper	
278	100		
139	15.6	13.4	20.0
279	25.4	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 0.811 ng
 RT: 25.94 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BM010808.D
 Acq: 13 Jul 2017 12:29

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt	Ion	276	Resp:	79593
	Ratio	100	Lower	Upper
	276	100		
	277	18.0	18.5	27.7#
	138	14.2	19.0	28.6#

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:13:07 AM

