

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010019.D
 Acq On : 12 May 2017 11:53
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:29 PM

Quant Time: May 12 14:02:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	62171	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	291232	20.00	ng	-0.03
38) Acenaphthene-d10	14.42	164	196368	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	474482	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	555160	20.00	ng	-0.02
86) Perylene-d12	23.66	264	362817	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	334214	84.13	ng	-0.02
7) Phenol-d6	6.95	99	537141	84.38	ng	-0.02
23) Nitrobenzene-d5	8.93	82	695414	87.26	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	216045	80.39	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1155469	78.69	ng	-0.02
78) Terphenyl-d14	19.80	244	2391491	90.79	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	56726	38.54	ng	# 100
3) Pyridine	3.68	79	219861	40.53	ng	96
4) n-Nitrosodimethylamine	3.60	42	128836	43.36	ng	# 63
6) Aniline	7.10	93	354758	42.92	ng	# 85
8) 2-Chlorophenol	7.33	128	182924	42.41	ng	# 74
9) Benzaldehyde	6.92	77	209086	43.88	ng	# 74
10) Phenol	6.97	94	285810	41.32	ng	93
11) bis(2-Chloroethyl)ether	7.19	93	222382	41.35	ng	84
12) 1,3-Dichlorobenzene	7.65	146	203176	42.20	ng	# 84
13) 1,4-Dichlorobenzene	7.79	146	203521	41.25	ng	# 94
14) 1,2-Dichlorobenzene	8.11	146	202588	42.35	ng	# 93
15) Benzyl Alcohol	8.02	79	246086	45.36	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.27	45	373687	43.78	ng	97
17) 2-Methylphenol	8.22	107	199234	44.12	ng	# 84
18) Hexachloroethane	8.82	117	95203	46.54	ng	93
19) n-Nitroso-di-n-propylamine	8.57	70	260576	45.12	ng	# 87
20) 3+4-Methylphenols	8.55	107	267902	43.58	ng	87
22) Acetophenone	8.59	105	365731	41.08	ng	# 86
24) Nitrobenzene	8.97	77	359841	42.43	ng	# 88
25) Isophorone	9.50	82	589870	43.01	ng	# 86
26) 2-Nitrophenol	9.68	139	113661	44.51	ng	# 43
27) 2,4-Dimethylphenol	9.74	122	195155	40.83	ng	# 76
28) bis(2-Chloroethoxy)methane	9.97	93	342321	41.43	ng	98
29) 2,4-Dichlorophenol	10.22	162	196419	42.23	ng	93
30) 1,2,4-Trichlorobenzene	10.42	180	216621	39.89	ng	97
31) Naphthalene	10.60	128	652185	40.68	ng	99
32) Benzoic acid	9.93	122	131178	41.03	ng	# 61
33) 4-Chloroaniline	10.73	127	282852	41.50	ng	# 75
34) Hexachlorobutadiene	10.86	225	144947	39.23	ng	96
35) Caprolactam	11.55	113	71627	39.42	ng	# 67
36) 4-Chloro-3-methylphenol	11.87	107	265239	42.68	ng	# 77
37) 2-Methylnaphthalene	12.22	142	466349	40.63	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	271090	37.93	ng	# 100
40) Hexachlorocyclopentadiene	12.55	237	49710	42.42	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	178551	40.58	nq	95
43) 2,4,5-Trichlorophenol	12.93	196	189328	39.61	nq	# 84
45) 1,1'-Biphenyl	13.24	154	662120	40.52	nq	96
46) 2-Chloronaphthalene	13.29	162	516328	40.21	nq	# 92
47) 2-Nitroaniline	13.52	65	265962	45.75	nq	# 64
48) Acenaphthylene	14.14	152	820969	40.60	nq	100
49) Dimethylphthalate	13.88	163	712322	41.15	nq	98
50) 2,6-Dinitrotoluene	14.02	165	142464	40.61	nq	# 48
51) Acenaphthene	14.48	154	503741	39.53	nq	99
52) 3-Nitroaniline	14.35	138	154860	41.57	nq	# 41
53) 2,4-Dinitrophenol	14.57	184	62266	35.50	nq	# 73
54) Dibenzofuran	14.82	168	773317	39.61	nq	92
55) 4-Nitrophenol	14.68	139	92524	37.09	nq	# 1
56) 2,4-Dinitrotoluene	14.81	165	205399	39.58	nq	# 57
57) Fluorene	15.47	166	690010	40.08	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.05	232	148988	36.08	nq	# 100
59) Diethylphthalate	15.24	149	770293	42.39	nq	98
60) 4-Chlorophenyl-phenylether	15.46	204	367424	39.09	nq	98
61) 4-Nitroaniline	15.53	138	154743	40.77	nq	# 15
62) Azobenzene	15.75	77	961548	43.61	nq	78
64) 4,6-Dinitro-2-methylphenol	15.58	198	110106	36.93	nq	# 75
65) n-Nitrosodiphenylamine	15.68	169	610467	41.46	nq	99
66) 4-Bromophenyl-phenylether	16.36	248	231470	41.07	nq	# 91
67) Hexachlorobenzene	16.47	284	250854	40.11	nq	# 88
68) Atrazine	16.64	200	229263	42.61	nq	97
69) Pentachlorophenol	16.83	266	103962	37.49	nq	95
70) Phenanthrene	17.22	178	1100047	40.39	nq	99
71) Anthracene	17.30	178	1128194	40.61	nq	98
72) Carbazole	17.59	167	1008377	40.66	nq	99
73) Di-n-butylphthalate	18.12	149	1421439	45.08	nq	# 96
74) Fluoranthene	19.23	202	1374992	39.35	nq	98
76) Benzidine	19.43	184	542537	39.09	nq	99
77) Pyrene	19.60	202	1442316	43.65	nq	99
79) Butylbenzylphthalate	20.49	149	662307	48.14	nq	# 63
80) Benzo(a)anthracene	21.34	228	1363831	40.89	nq	99
81) 3,3'-Dichlorobenzidine	21.28	252	473522	38.53	nq	98
82) Chrysene	21.40	228	1272984	40.69	nq	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	990527	48.22	nq	95
84) Di-n-octyl phthalate	22.14	149	1608771	45.65	nq	# 83
85) Indeno(1,2,3-cd)pyrene	25.99	276	870956	33.03	nq	# 100
87) Benzo(b)fluoranthene	22.96	252	1100238	44.78	nq	# 95
88) Benzo(k)fluoranthene	23.00	252	1067688	45.73	nq	# 97
89) Benzo(a)pyrene	23.56	252	894214	41.28	nq	97
90) Dibenzo(a,h)anthracene	25.99	278	766720	40.11	nq	# 95
91) Benzo(g,h,i)perylene	26.70	276	735052m	41.72	nq	

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

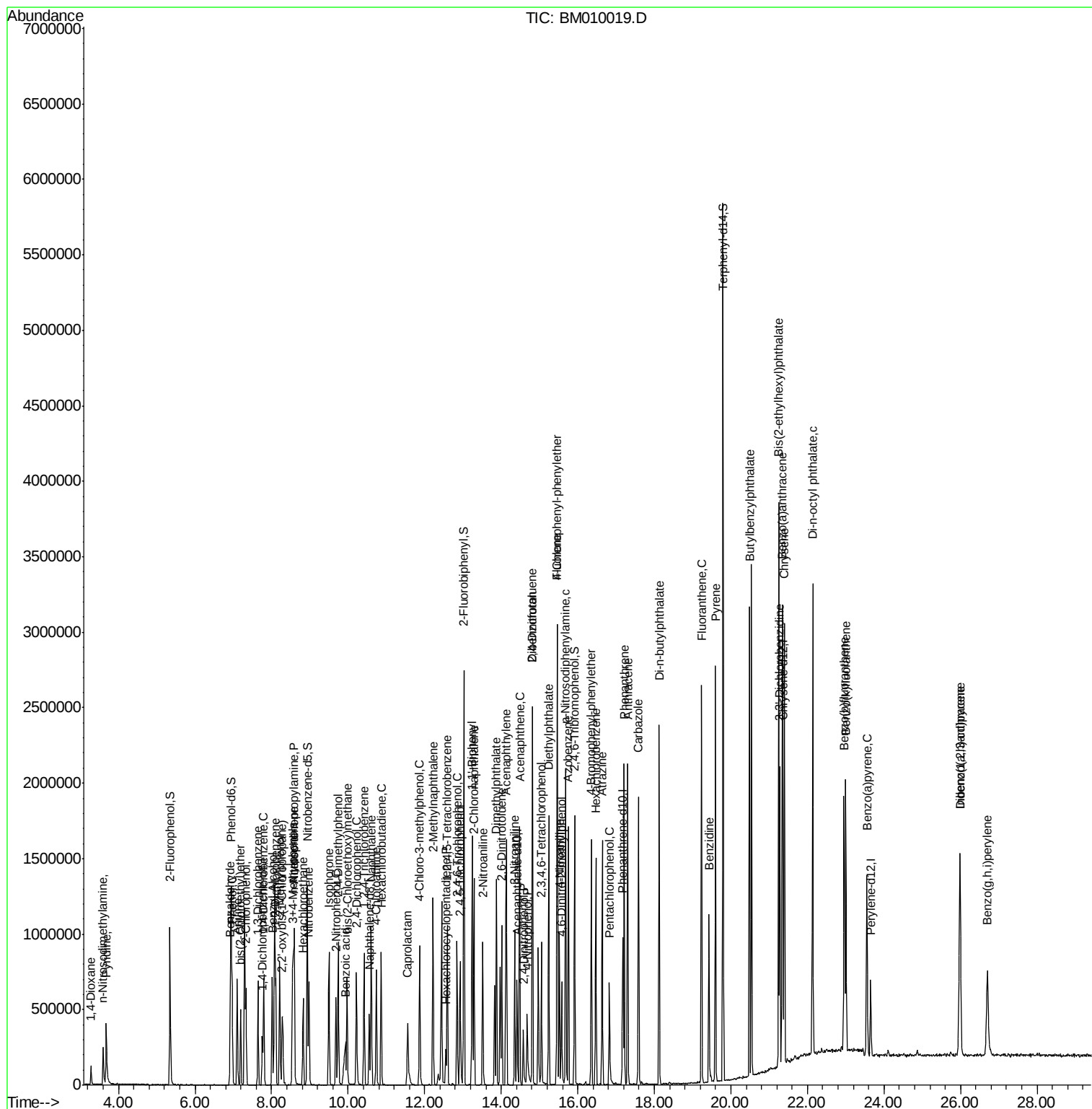
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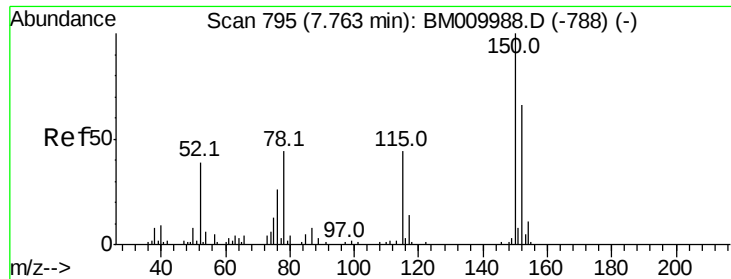
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

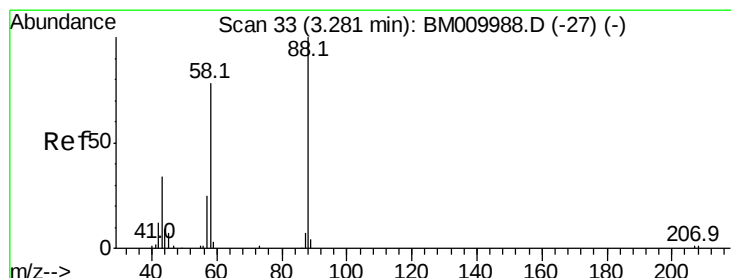
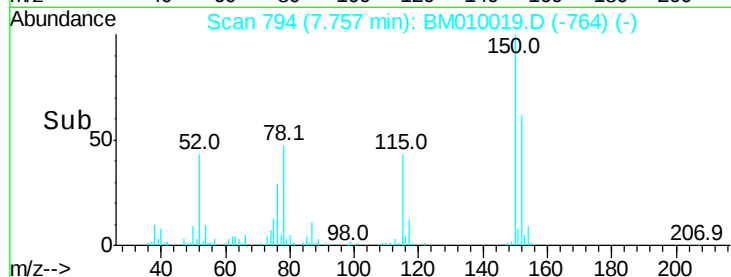
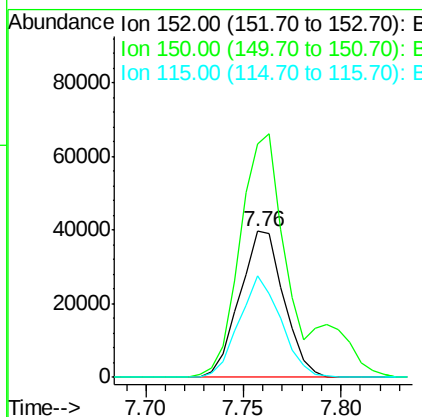
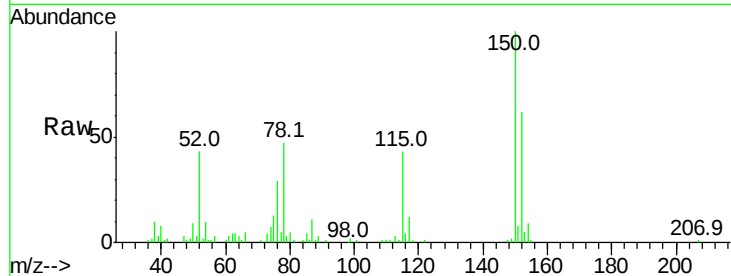
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	62171
Ion Ratio	Lower	Upper	
152	100		
150	160.0	119.5	179.3
115	69.6	43.0	64.4#

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#2

1,4-Dioxane

Concen: 38.54 ng

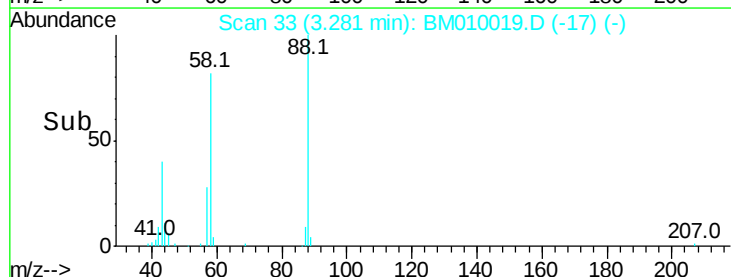
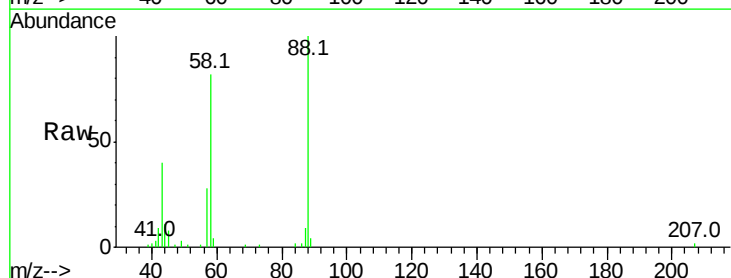
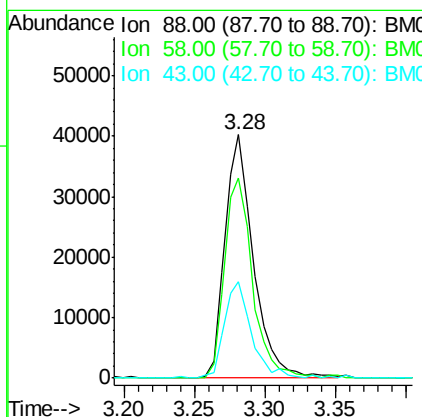
RT: 3.28 min Scan# 33

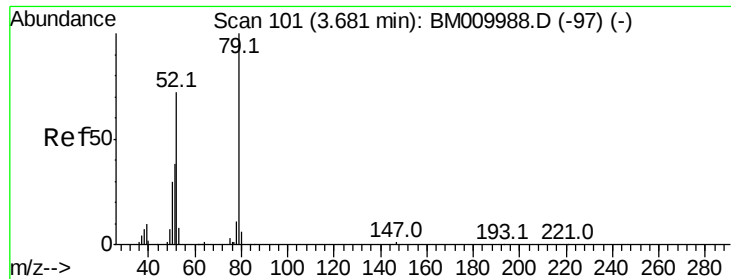
Delta R.T. -0.01 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	88	Resp:	56726
Ion Ratio	Lower	Upper	
88	100		
58	80.5	0.0	0.0#
43	37.3	0.0	0.0#





#3

Pvridine

Concen: 40.53 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

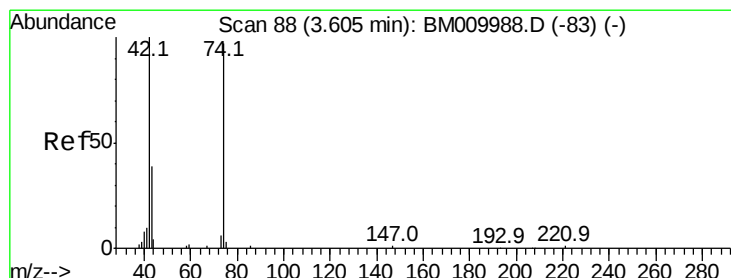
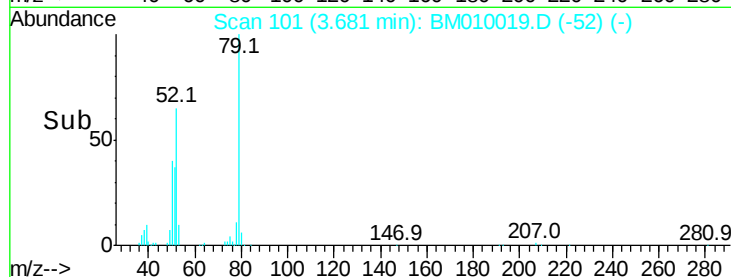
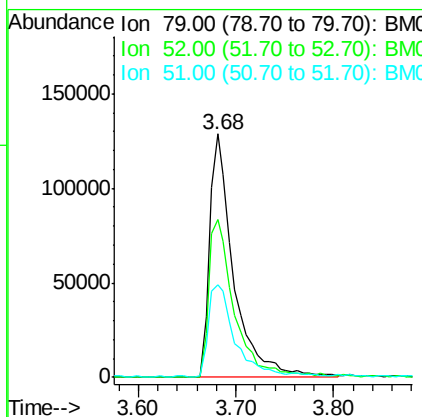
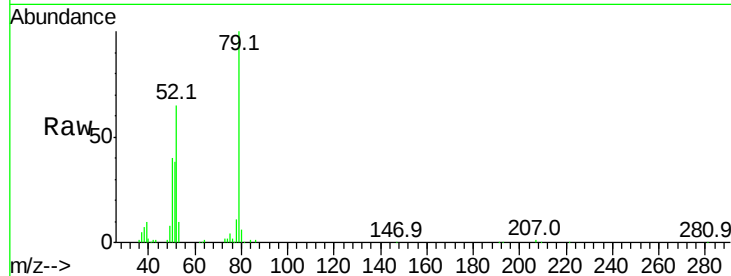
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	219861
Ion Ratio	Lower	Upper	
79	100		
52	65.1	51.1	76.7
51	38.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 43.36 ng

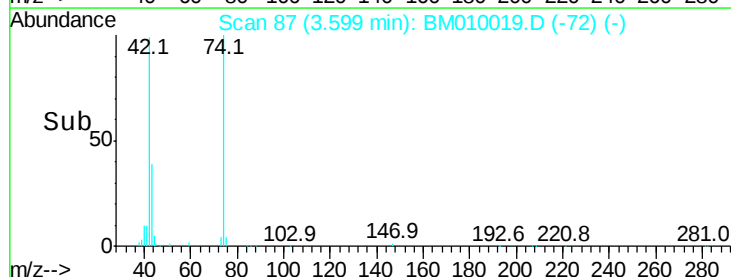
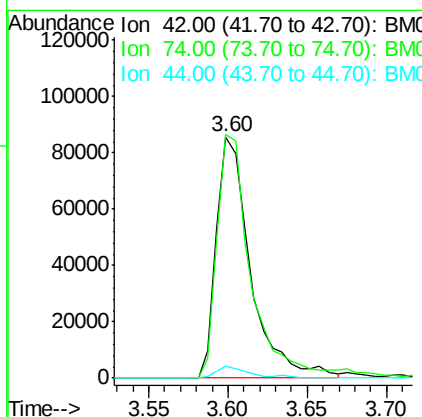
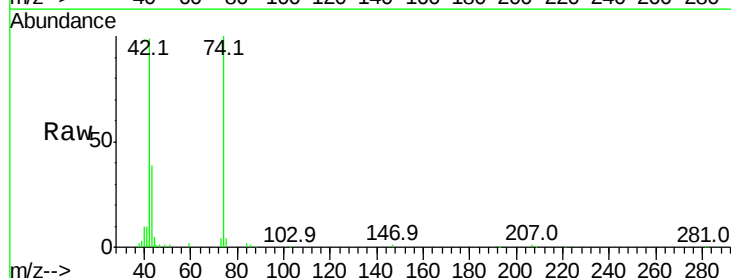
RT: 3.60 min Scan# 87

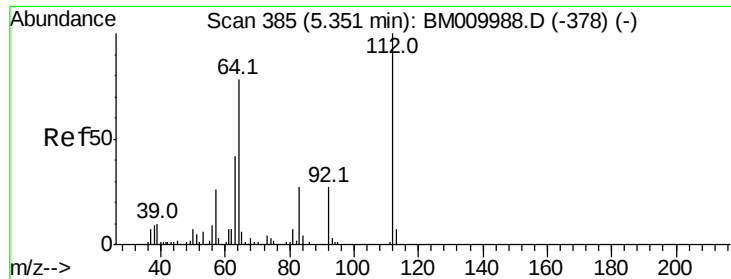
Delta R.T. -0.01 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	42	Resp:	128836
Ion Ratio	Lower	Upper	
42	100		
74	100.8	119.3	178.9#
44	5.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 84.13 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

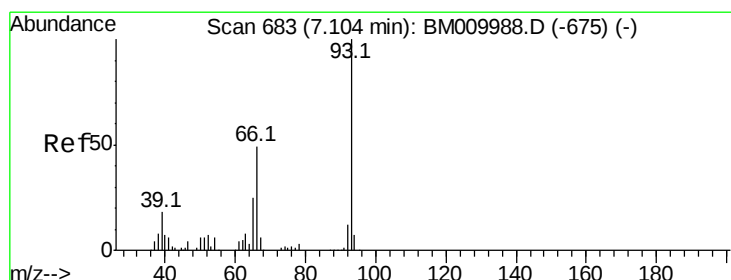
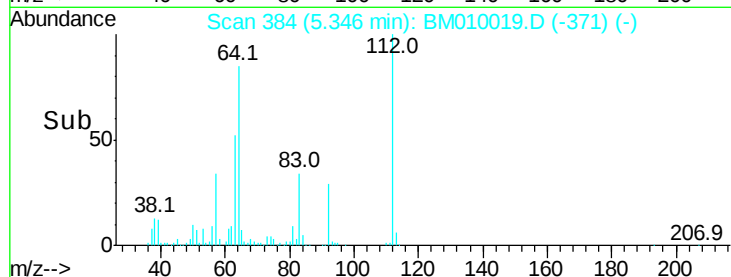
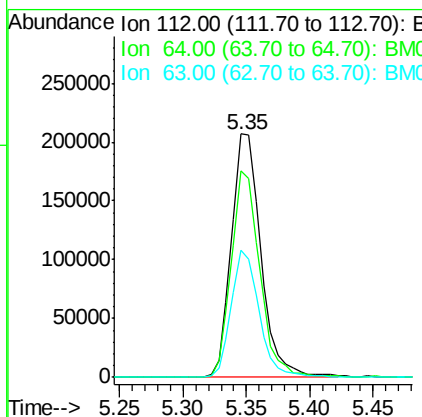
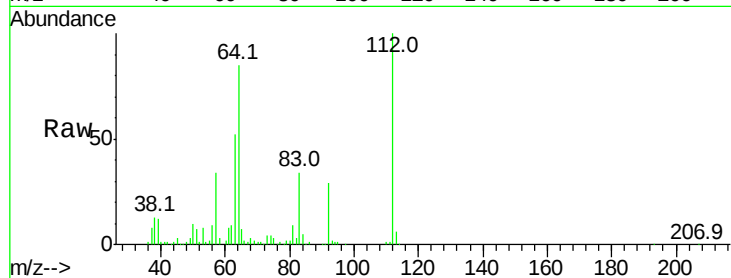
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	334214
Ion Ratio	Lower	Upper	
112	100		
64	85.1	38.6	57.8#
63	52.3	19.3	28.9#

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#6

Aniline

Concen: 42.92 ng

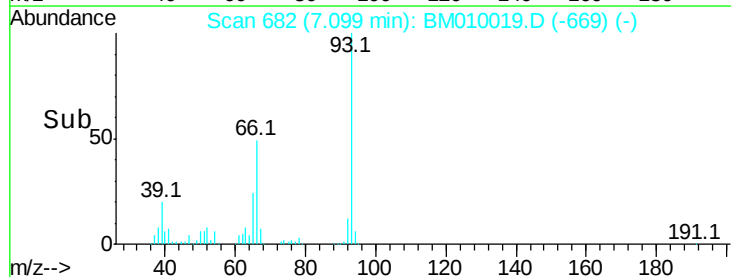
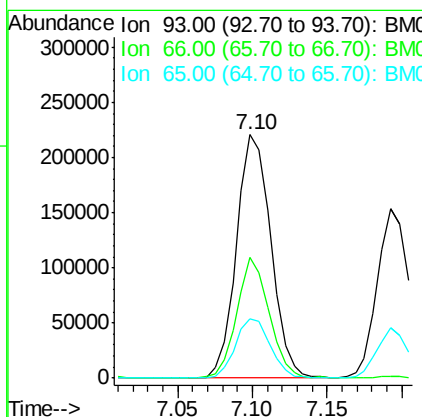
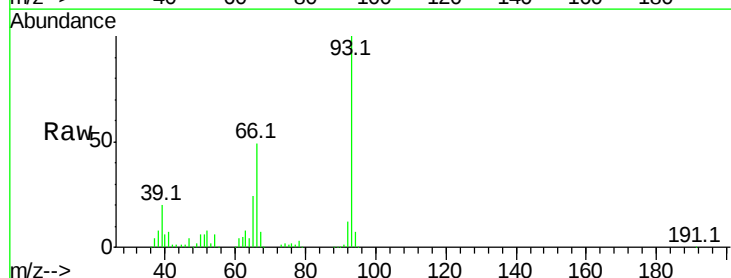
RT: 7.10 min Scan# 682

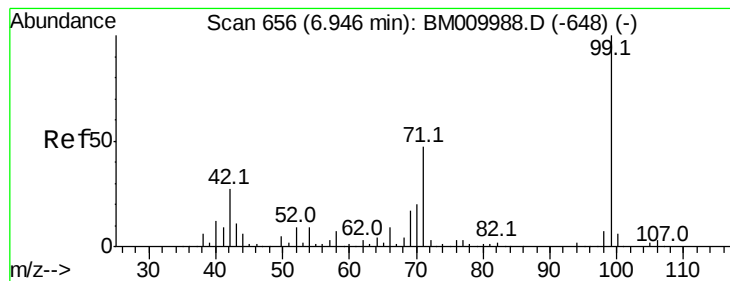
Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	93	Resp:	354758
Ion Ratio	Lower	Upper	
93	100		
66	49.4	30.8	46.2#
65	24.5	16.0	24.0#





#7

Phenol-d6

Concen: 84.38 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

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ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 537141

Ion Ratio Lower Upper

99 100

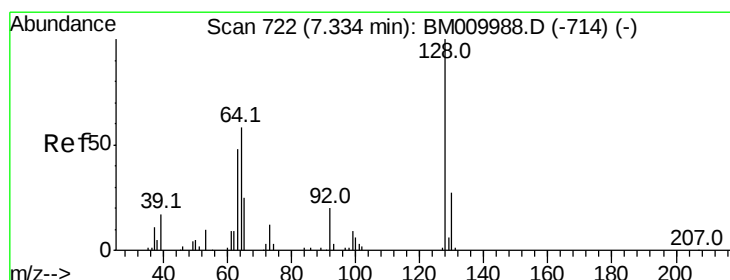
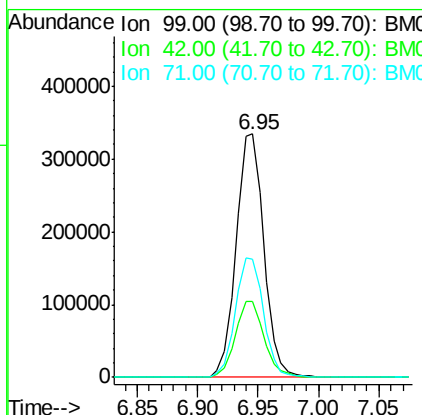
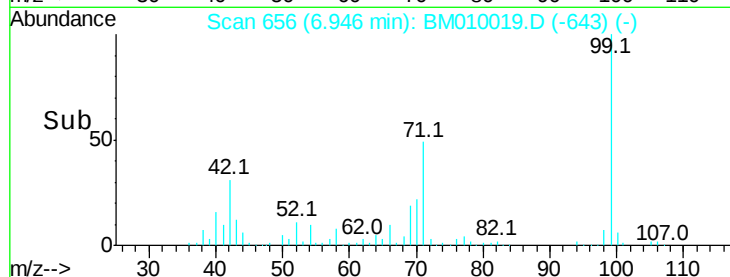
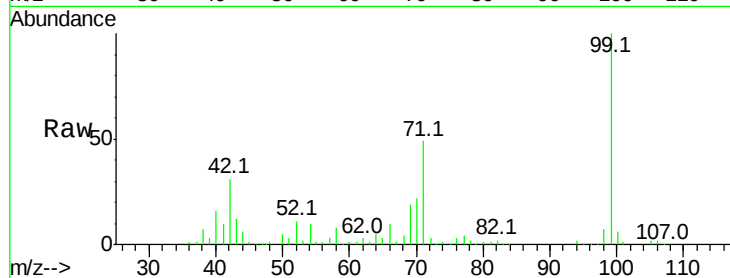
42 31.0 11.0 16.4#

71 48.6 23.4 35.2#

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#8

2-Chlorophenol

Concen: 42.41 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

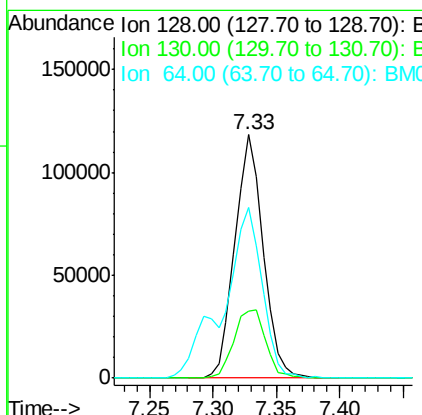
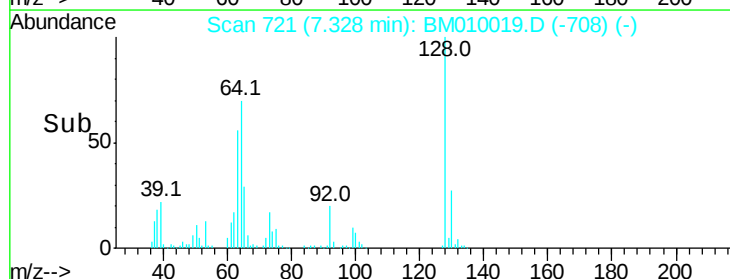
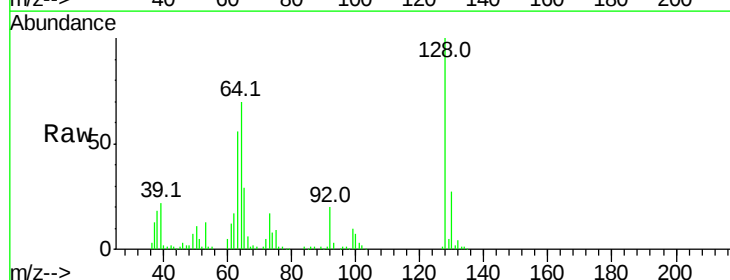
Tgt Ion: 128 Resp: 182924

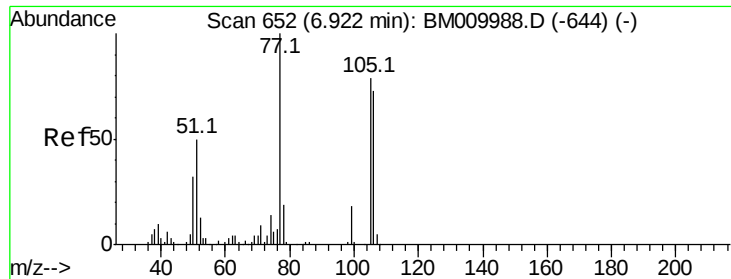
Ion Ratio Lower Upper

128 100

130 27.5 12.0 52.0

64 69.9 24.9 64.9#





#9

Benzaldehyde

Concen: 43.88 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

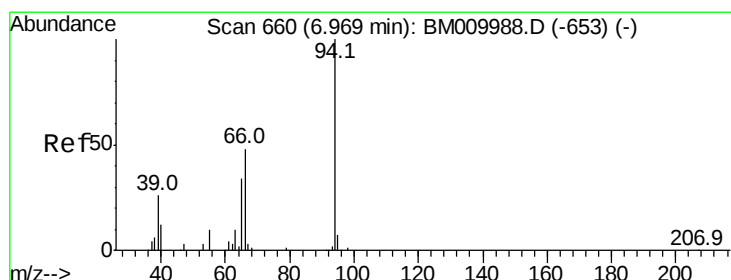
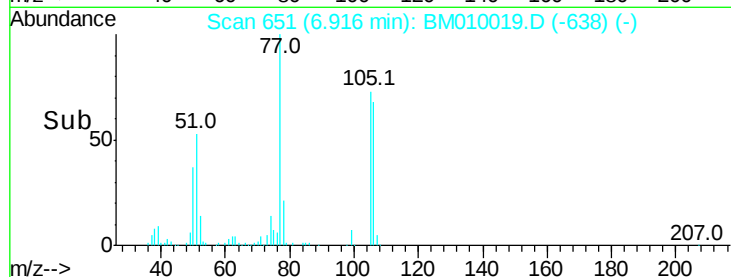
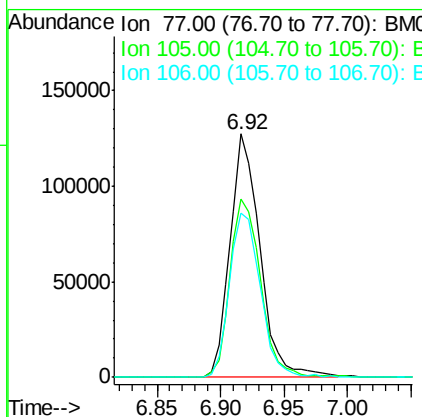
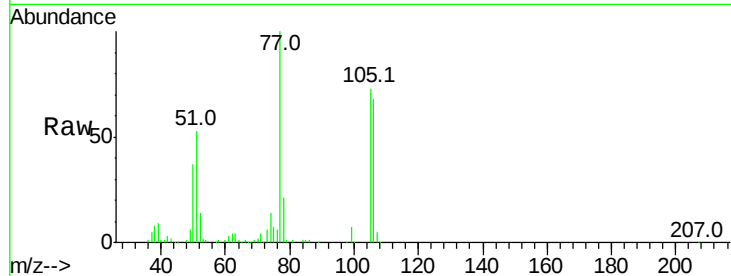
ClientSampleId :

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Tot Ion:	77	Resp:	209086
Ion Ratio	Lower	Upper	
77	100		
105	73.4	78.8	118.8#
106	67.7	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 41.32 ng

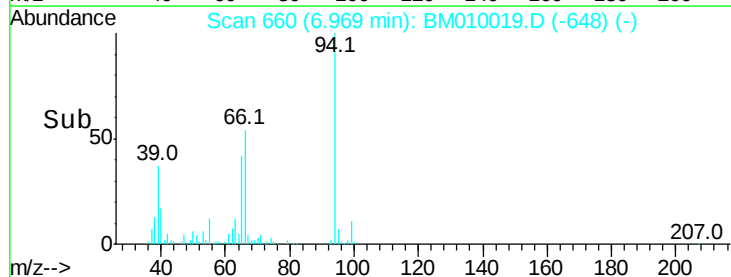
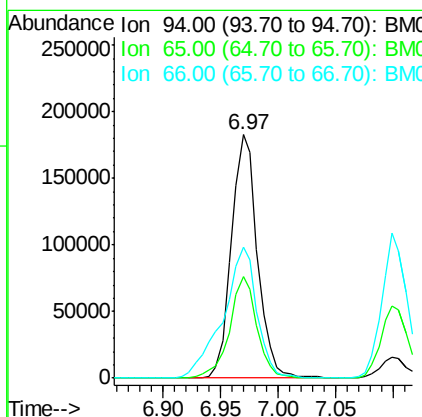
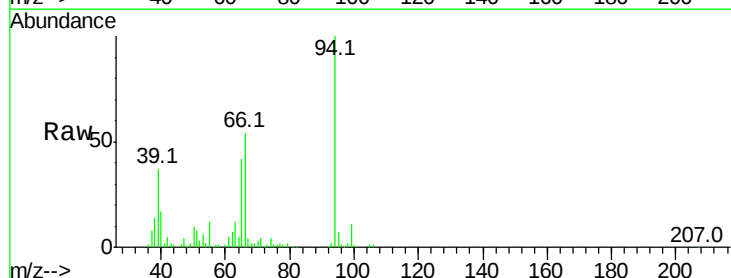
RT: 6.97 min Scan# 660

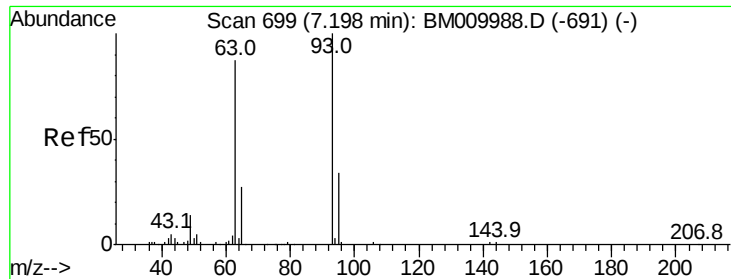
Delta R.T. -0.03 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	94	Resp:	285810
Ion Ratio	Lower	Upper	
94	100		
65	41.6	18.8	58.8
66	54.0	39.9	79.9





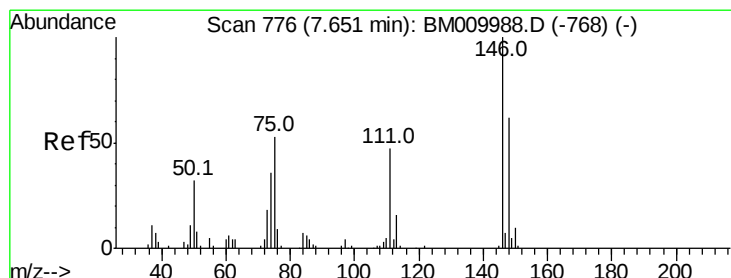
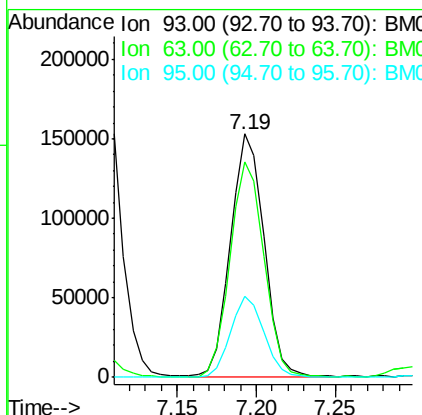
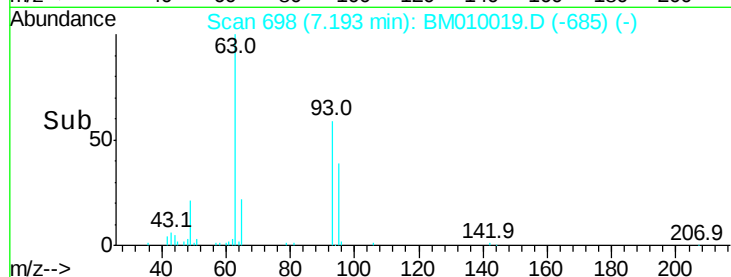
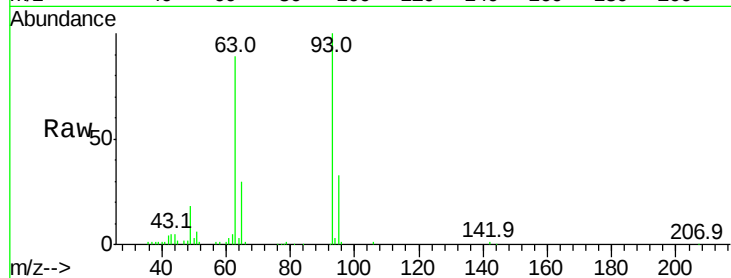
#11
bis(2-Chloroethyl)ether
Concen: 41.35 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	222382
Ion Ratio	100	Lower	Upper
93	100		
63	88.6	49.5	89.5
95	33.3	13.5	53.5

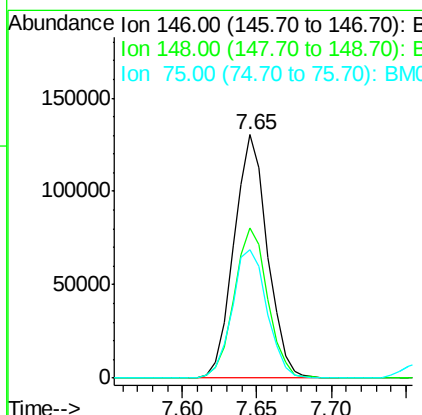
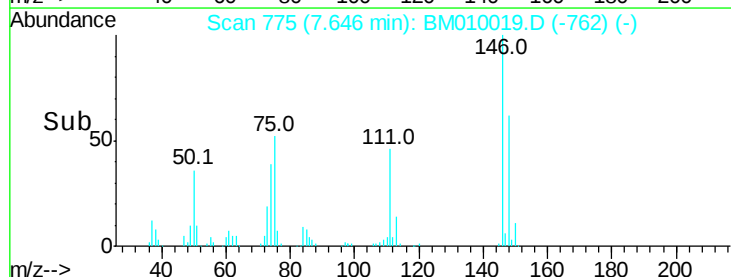
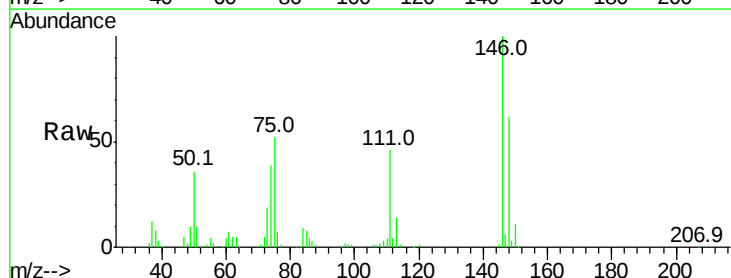
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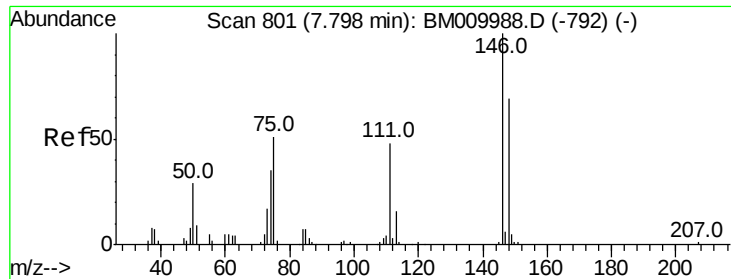
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#12
1,3-Dichlorobenzene
Concen: 42.20 ng
RT: 7.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	146	Resp	203176
Ion Ratio	100	Lower	Upper
146	100		
148	61.8	50.9	76.3
75	52.5	21.4	32.2#





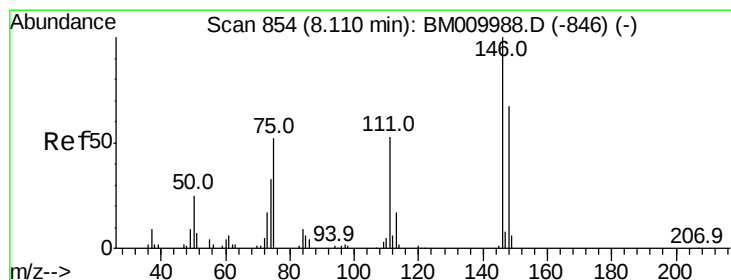
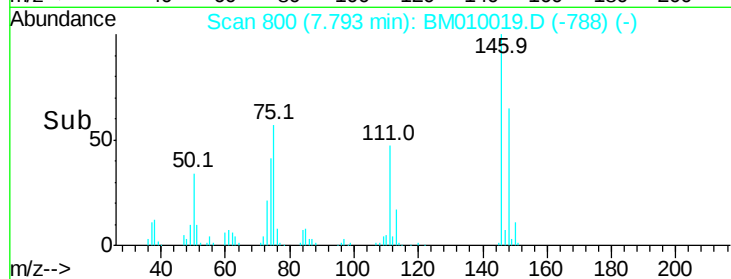
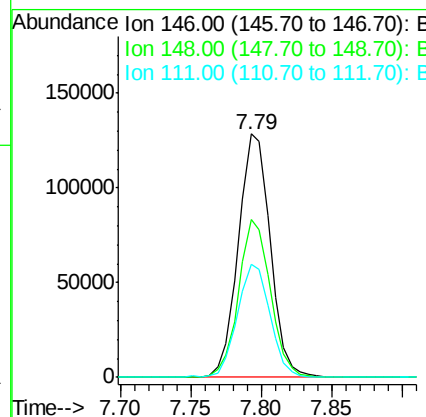
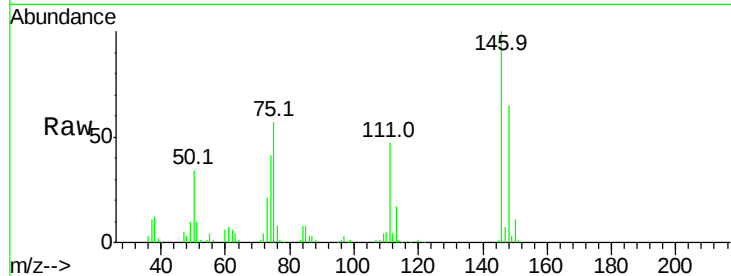
#13
 1,4-Dichlorobenzene
 Concen: 41.25 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.03 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	203521		
148	65.0		51.9	77.9
111	46.6		29.2	43.8#

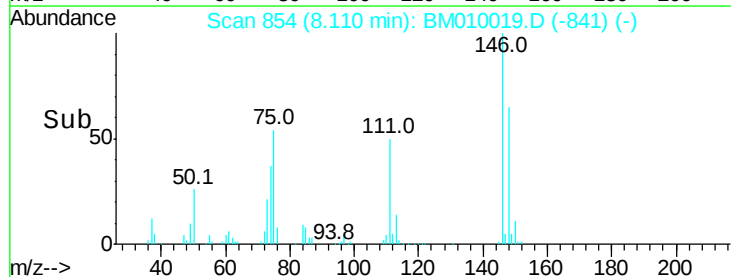
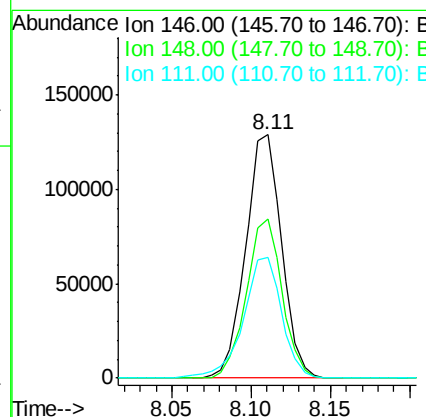
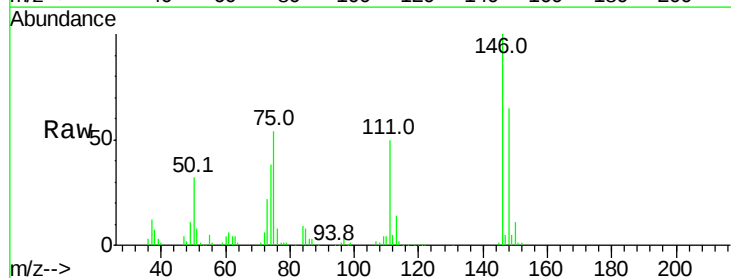
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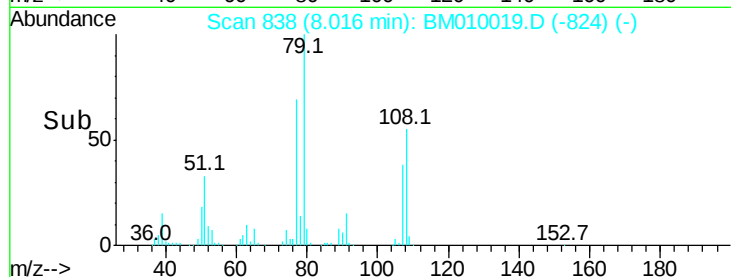
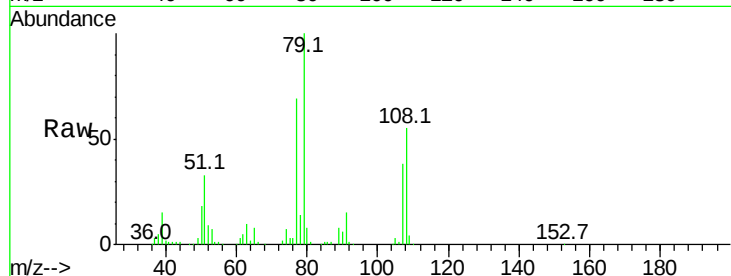
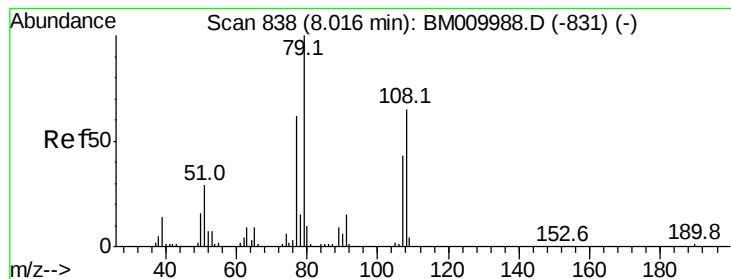
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#14
 1,2-Dichlorobenzene
 Concen: 42.35 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	202588		
148	65.3		52.3	78.5
111	49.6		30.6	45.8#





#15

Benzyl Alcohol

Concen: 45.36 ng

RT: 8.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tot Ion:	79	Resp:	246086
Ion Ratio	Lower	Upper	
79	100		
108	54.8	65.0	97.4#
77	69.0	53.0	79.6

Instrument :

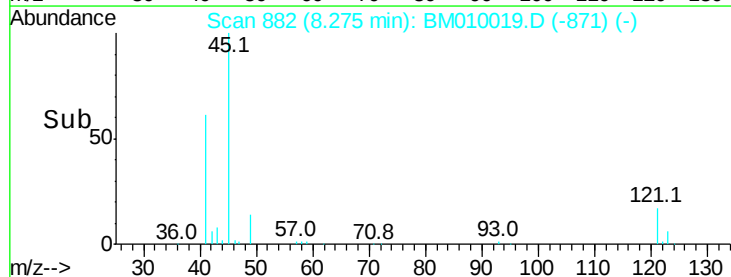
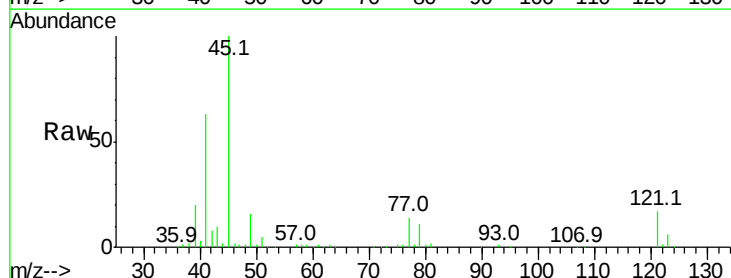
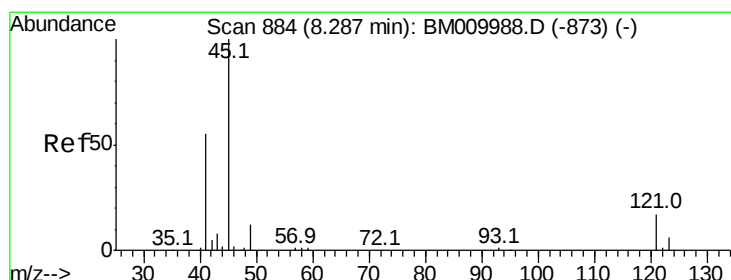
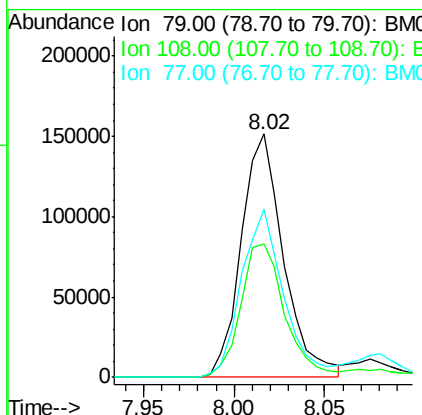
BNA_M

ClientSampleId :

SSTDCCC040EC

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.78 ng

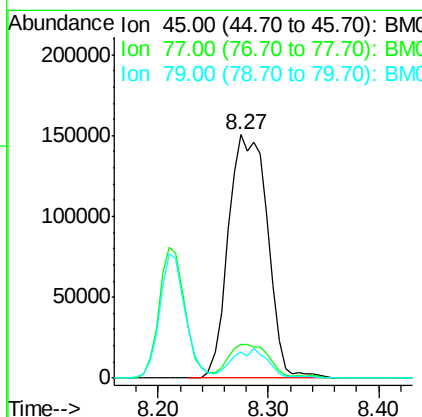
RT: 8.27 min Scan# 882

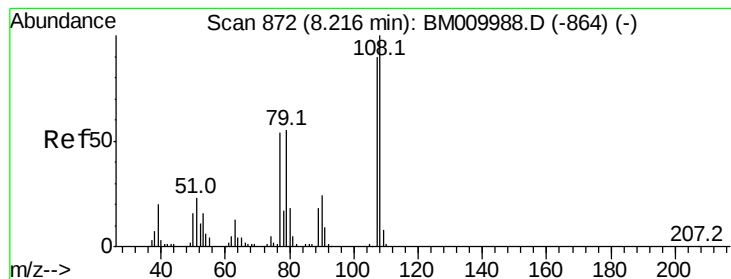
Delta R.T. -0.04 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	45	Resp:	373687
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	35.2
79	10.8	0.0	32.0





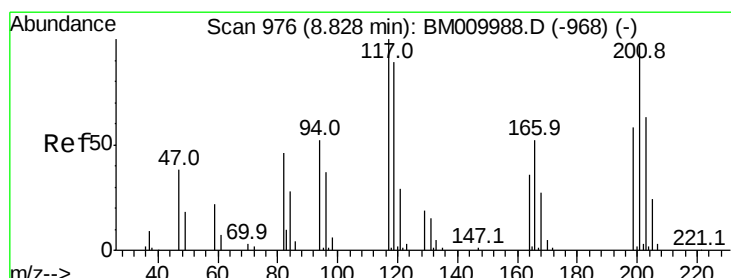
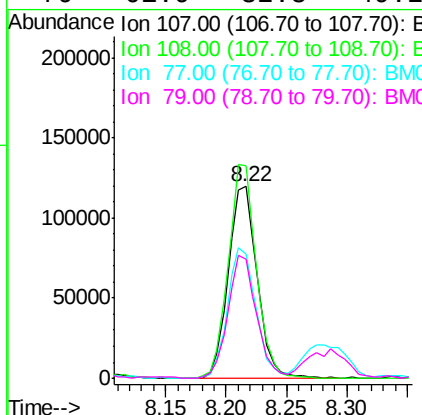
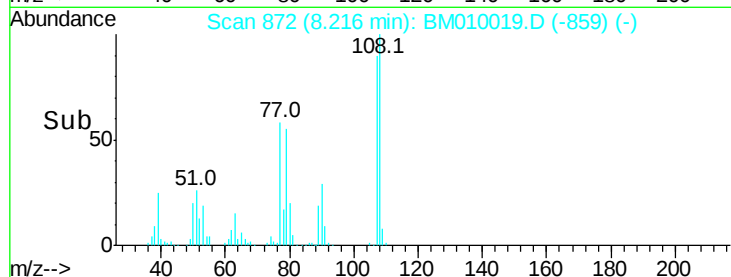
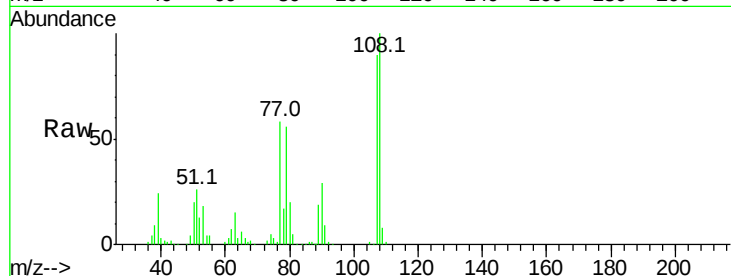
#17
2-Methylphenol
Concen: 44.12 ng
RT: 8.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	199234		
108	111.0	89.8	134.8	
77	64.5	32.6	48.8#	
79	61.9	32.8	49.2#	

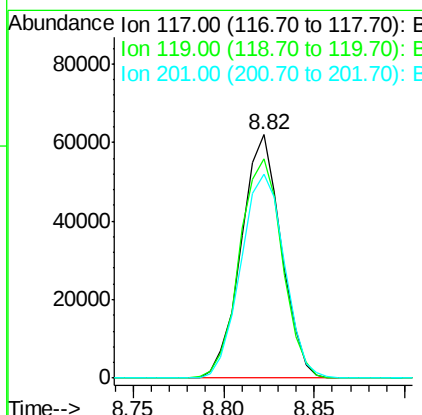
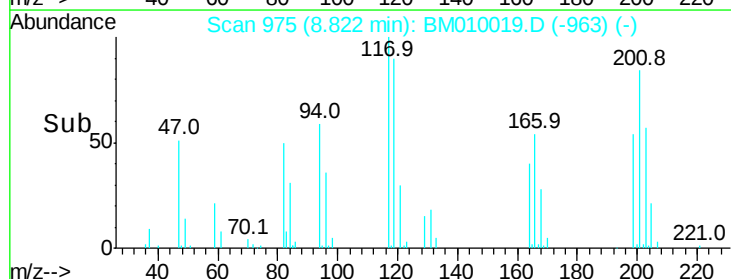
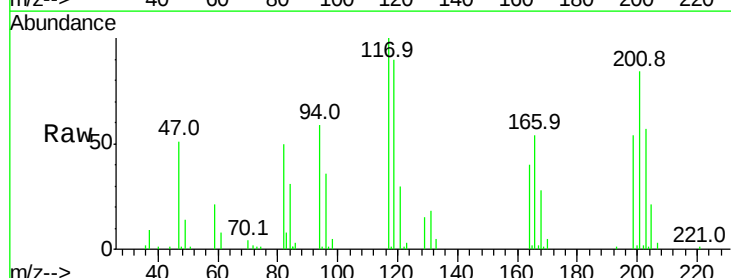
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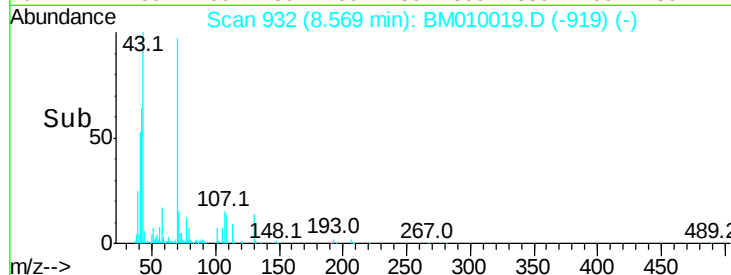
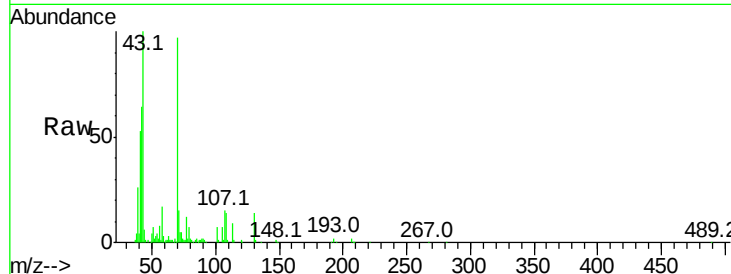
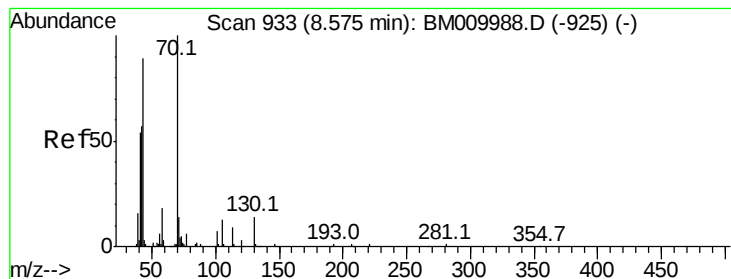
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#18
Hexachloroethane
Concen: 46.54 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.03 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95203		
119	89.9	79.2	118.8	
201	83.6	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 45.12 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

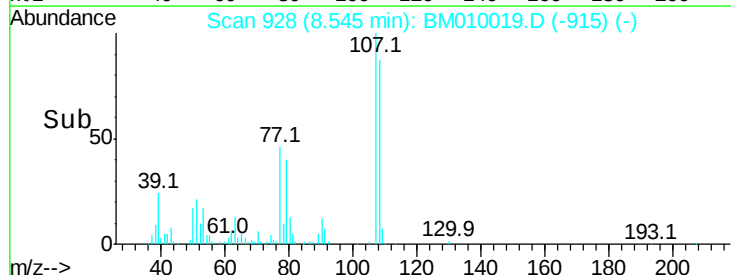
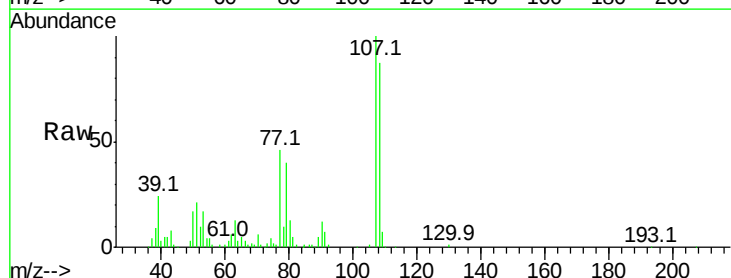
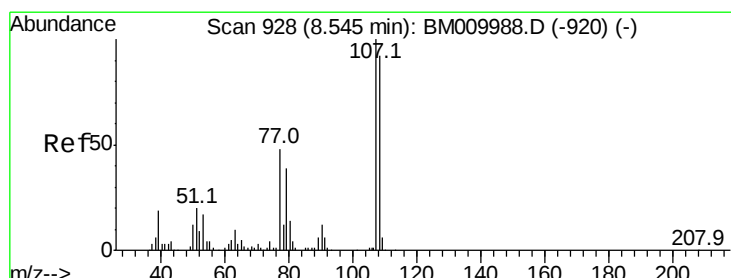
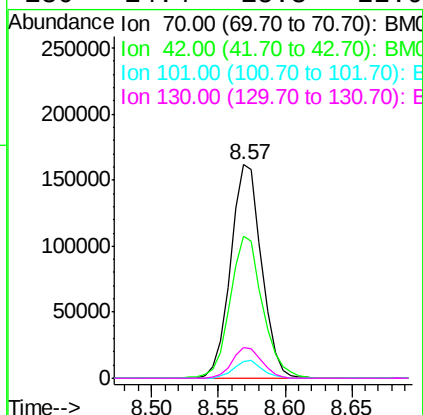
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.6	44.5	66.7	
101	7.6	7.4	11.2	
130	14.4	15.3	22.9	

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#20

3+4-Methylphenols

Concen: 43.58 ng

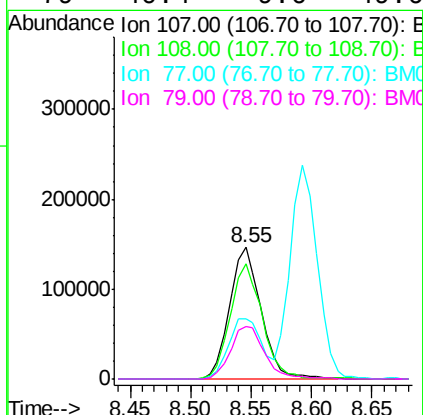
RT: 8.55 min Scan# 928

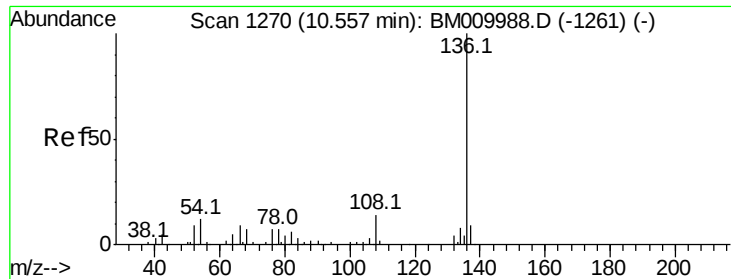
Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	73.2	113.2	
77	46.2	10.7	50.7	
79	40.4	9.6	49.6	





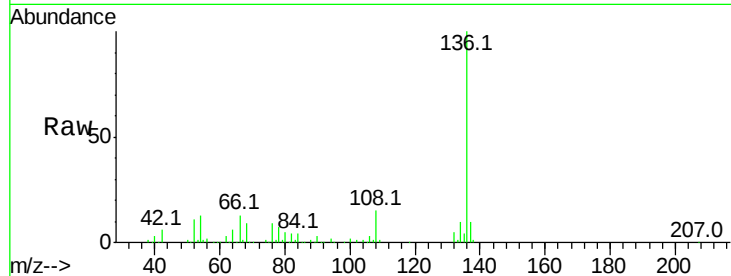
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	291232		
137	9.9	8.7	13.1	
54	12.8	4.6	6.8#	
68	9.4	3.7	5.5#	

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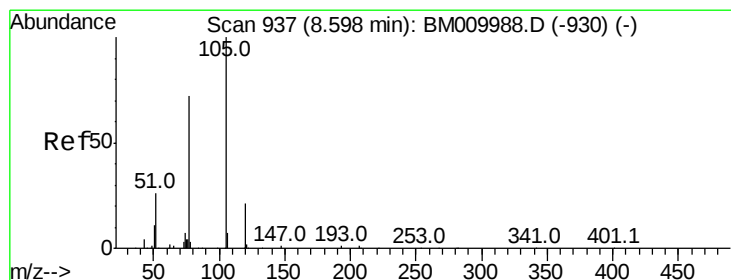
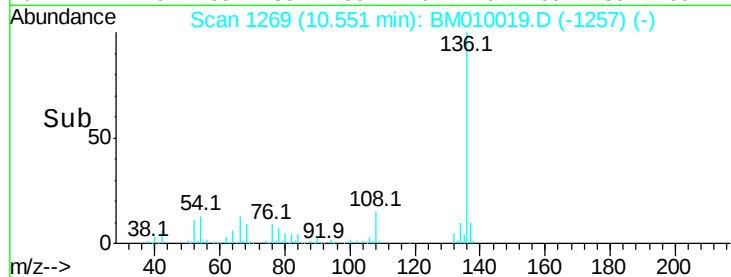
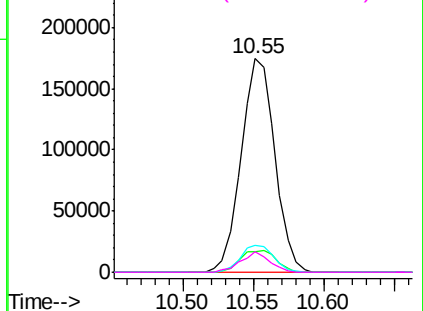
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 41.08 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365731		
71	1.1	0.6	1.0#	
51	40.1	21.6	32.4#	
120	20.0	16.1	24.1	

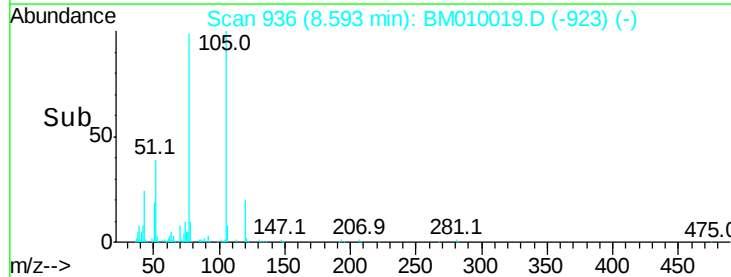
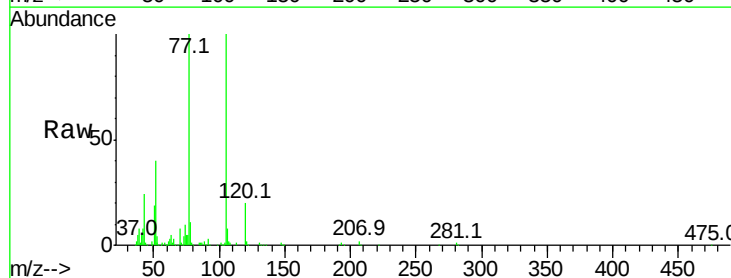
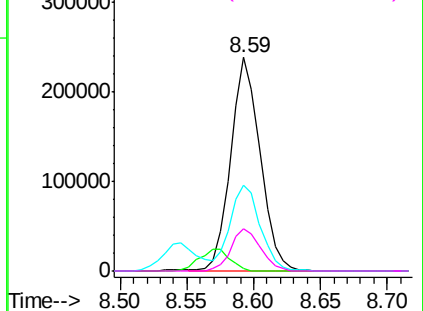
Abundance

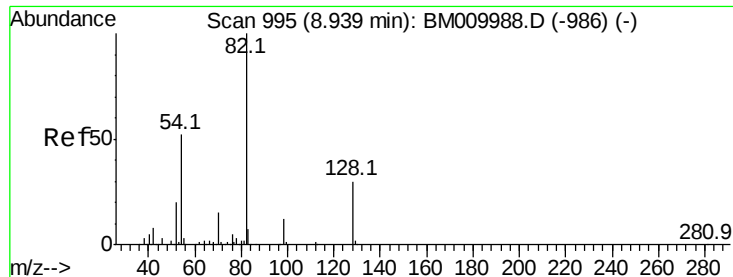
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





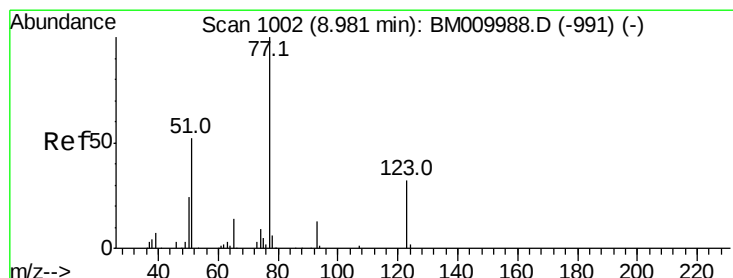
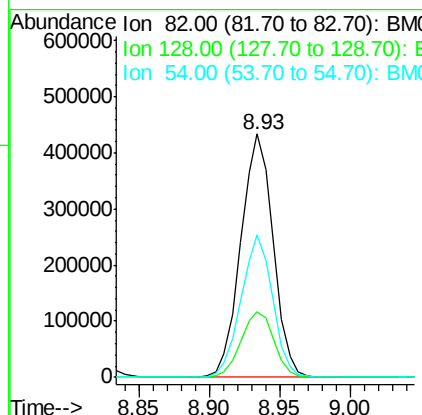
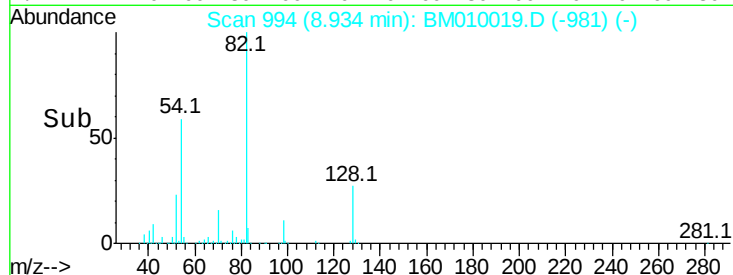
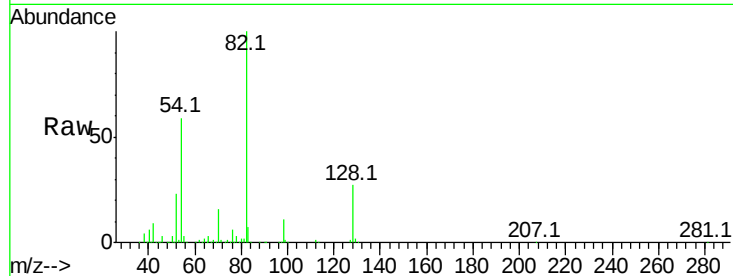
#23
Nitrobenzene-d5
Concen: 87.26 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	695414		
128	26.7	32.8	49.2#	
54	58.8	40.6	60.8	

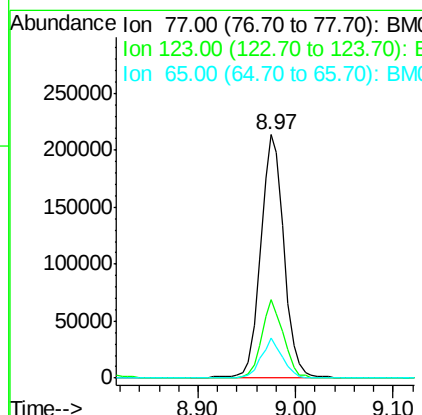
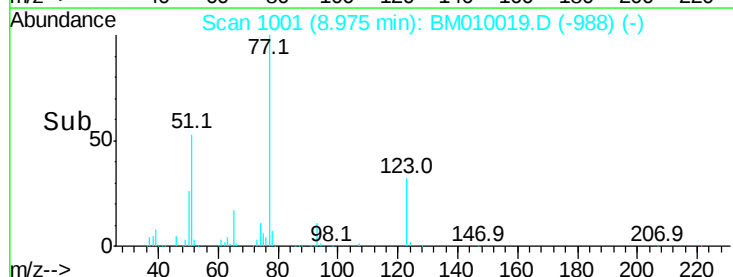
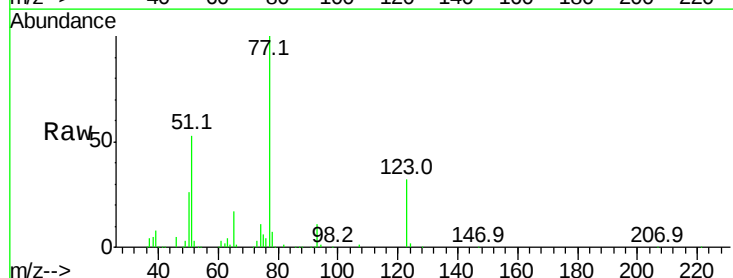
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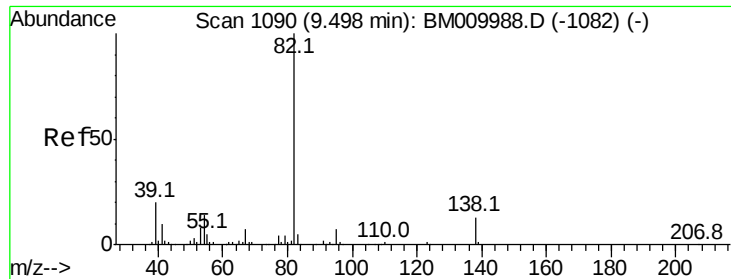
mohammad
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#24
Nitrobenzene
Concen: 42.43 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	359841		
123	32.1	32.6	49.0#	
65	16.5	10.9	16.3#	





#25

Isophorone

Concen: 43.01 ng

RT: 9.50 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 589870

Ion Ratio Lower Upper

82 100

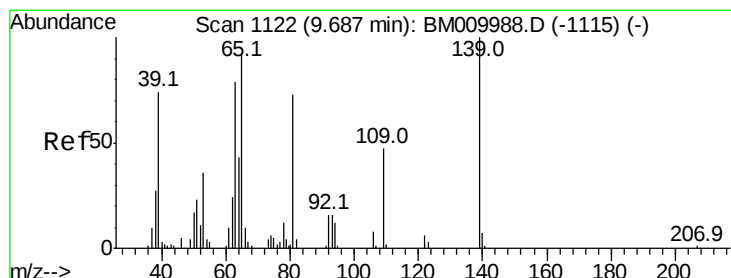
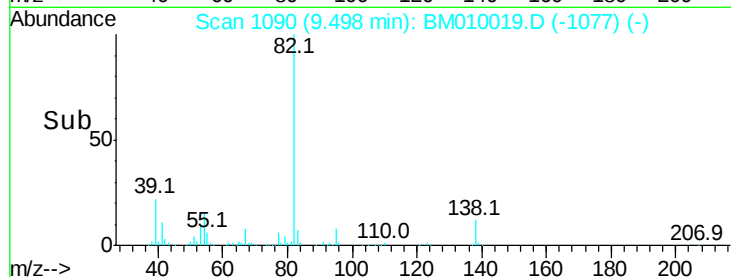
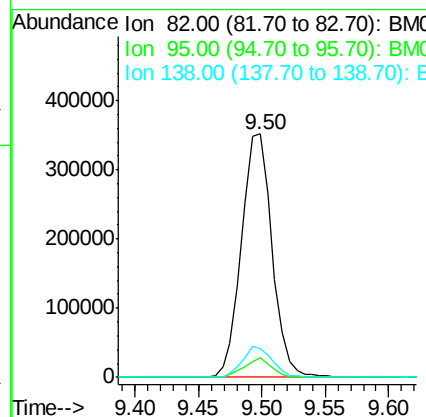
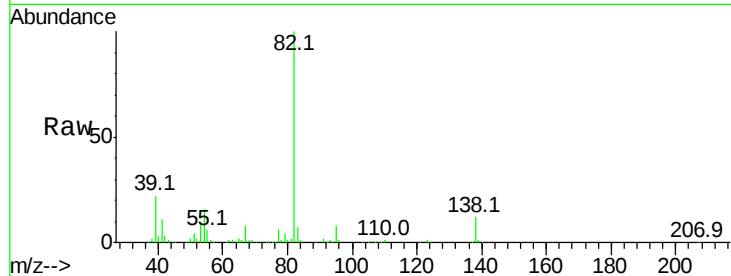
95 8.2 5.8 8.6

138 12.0 16.3 24.5#

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#26

2-Nitrophenol

Concen: 44.51 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

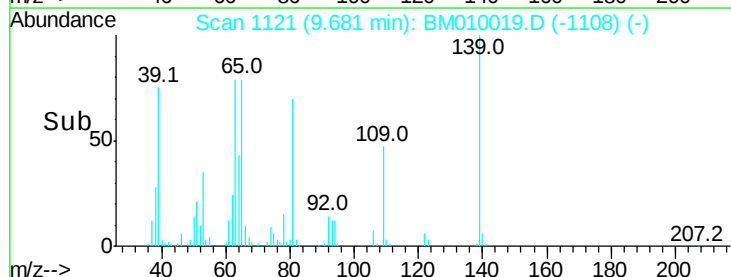
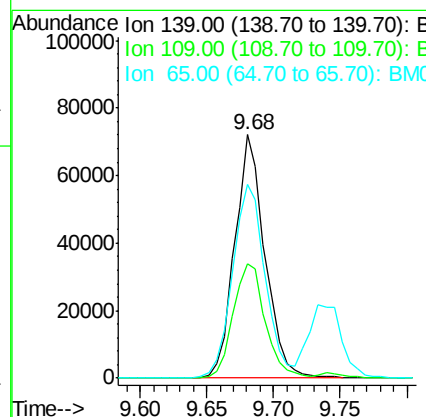
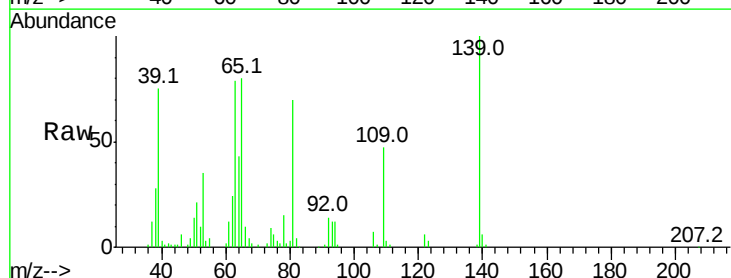
Tgt Ion: 139 Resp: 113661

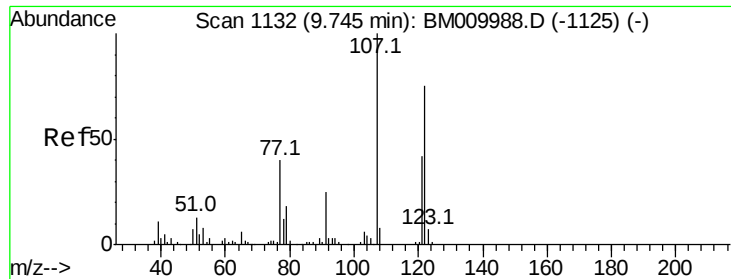
Ion Ratio Lower Upper

139 100

109 47.1 20.1 30.1#

65 79.6 31.5 47.3#





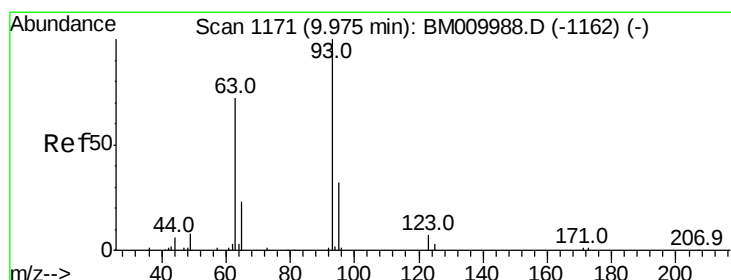
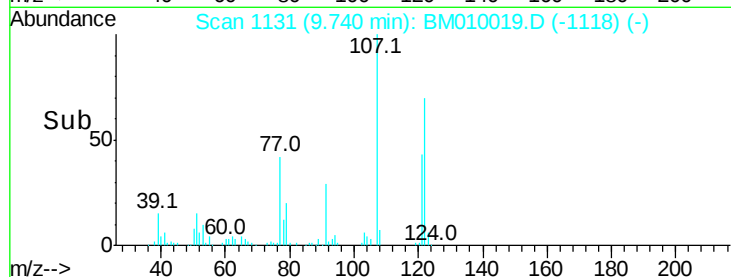
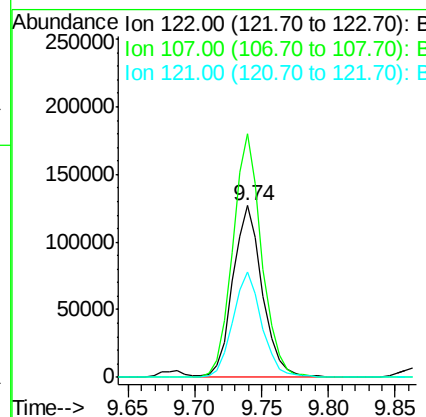
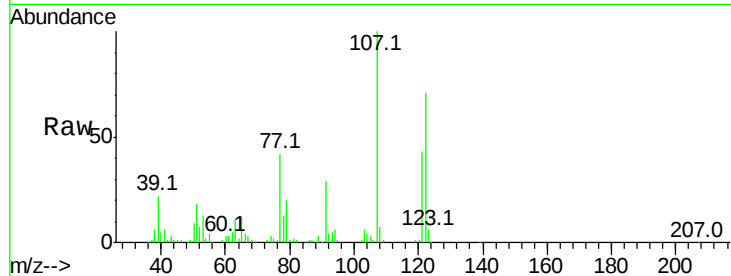
#27
2,4-Dimethylphenol
Concen: 40.83 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	141.8	84.7	127.1#
121	61.4	46.6	69.8

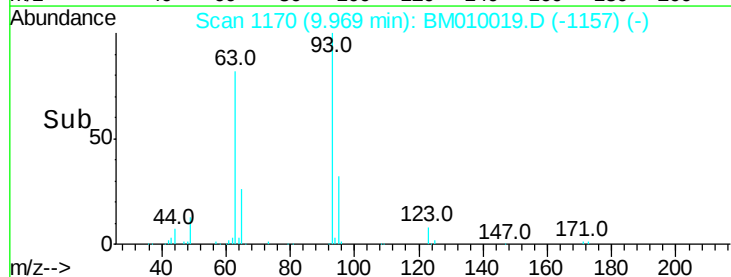
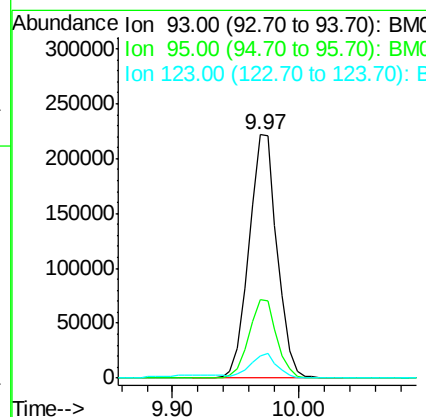
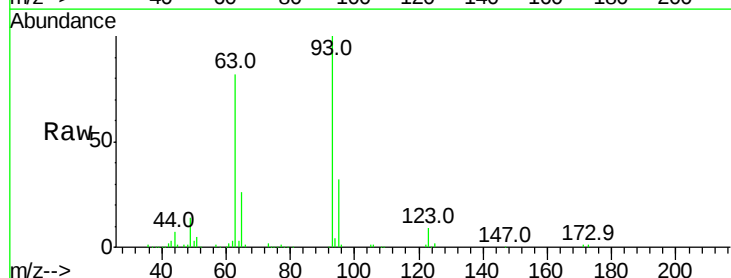
Manual Integrations
APPROVED

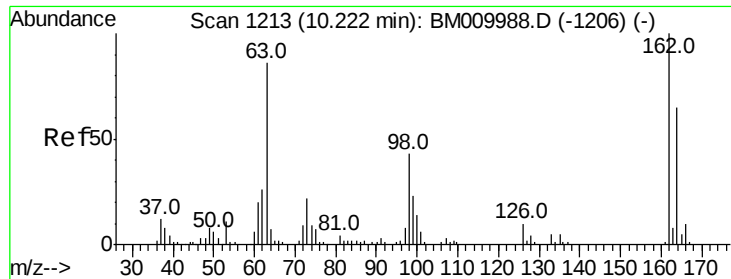
mohammad
5/12/2017 4:30:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.43 ng
RT: 9.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	32.2	25.5	38.3
123	9.0	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 42.23 ng

RT: 10.22 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

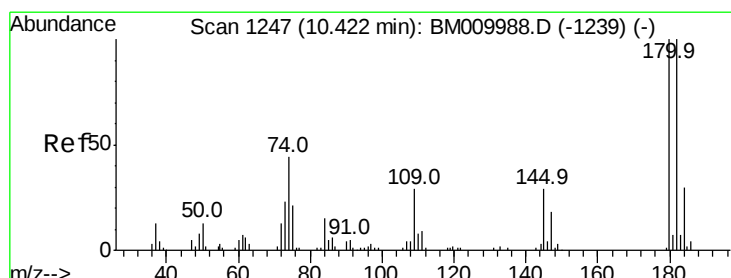
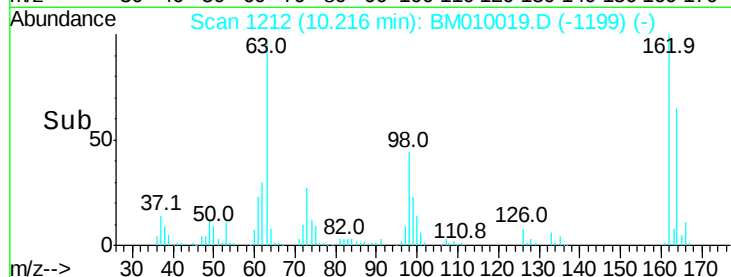
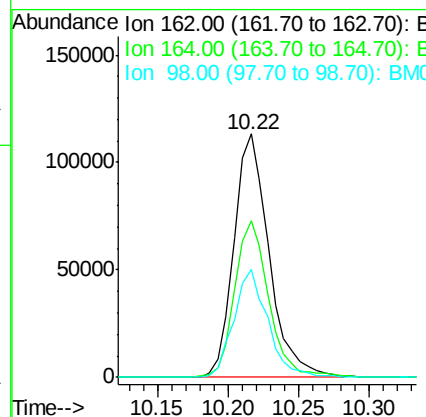
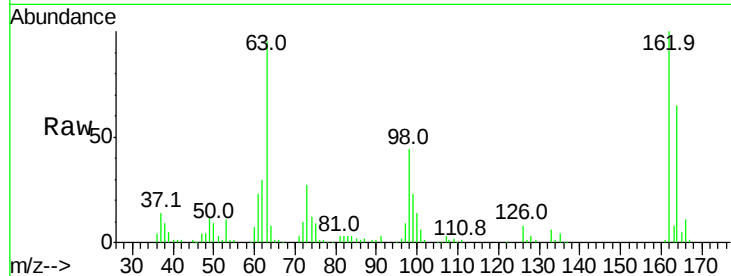
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	196419		
164	64.5	42.8	82.8	
98	44.2	14.5	54.5	

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 39.89 ng

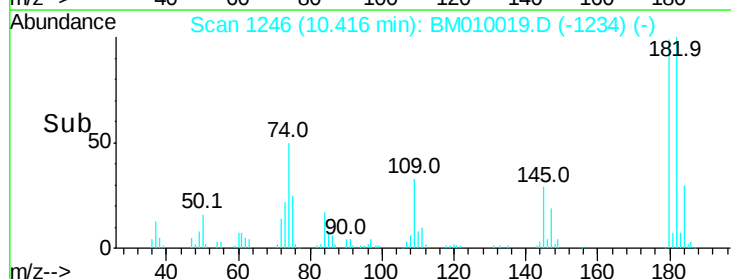
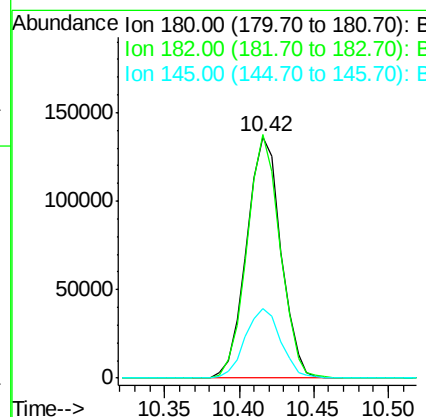
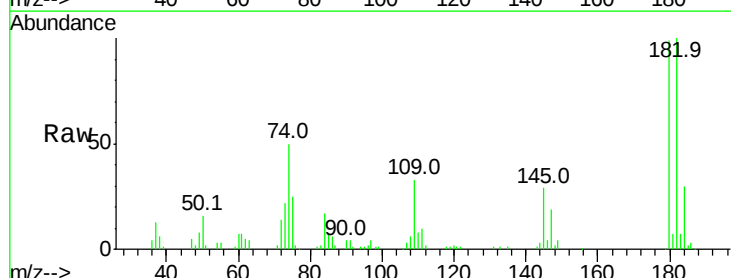
RT: 10.42 min Scan# 1246

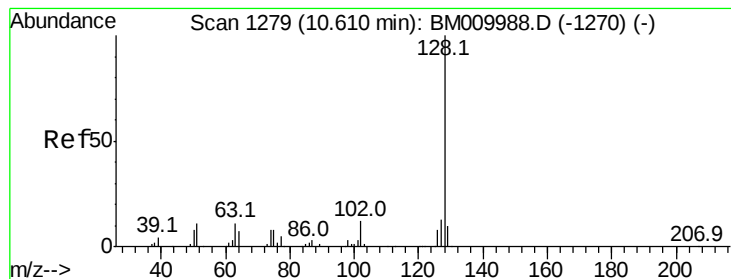
Delta R.T. -0.03 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	216621		
182	100.9	77.6	116.4	
145	28.8	23.4	35.2	





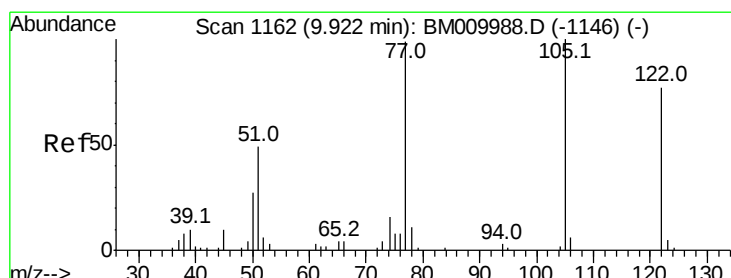
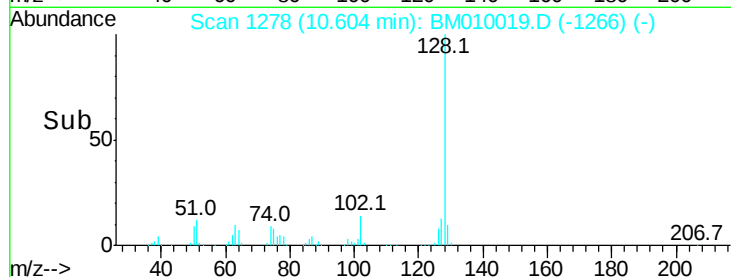
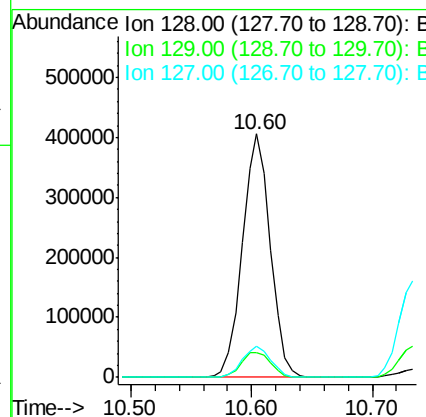
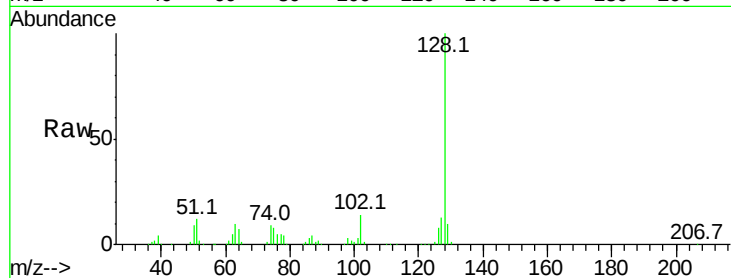
#31
Naphthalene
Concen: 40.68 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	652185		
129	10.4	8.9	13.3	
127	13.0	10.4	15.6	

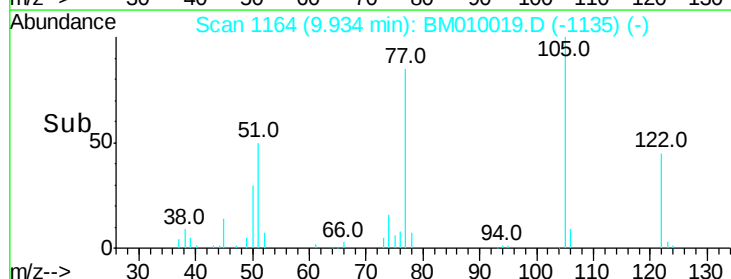
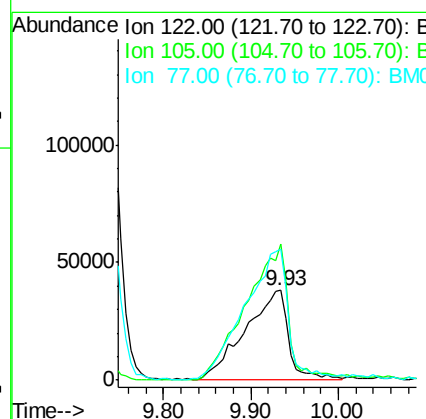
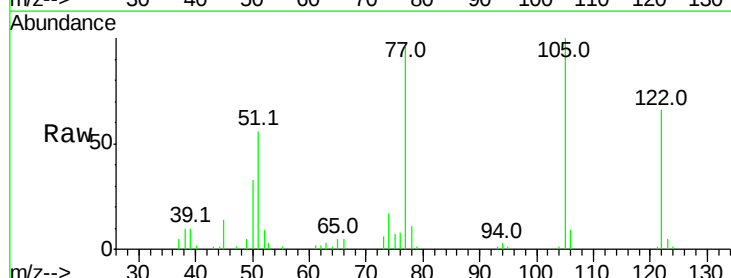
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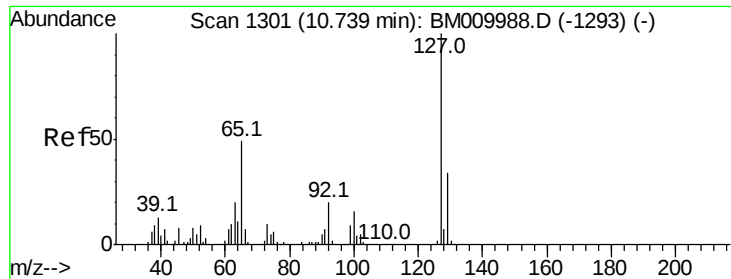
mohammad
5/12/2017 4:30:29 PM



#32
Benzoic acid
Concen: 41.03 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	131178		
105	151.1	99.9	139.9#	
77	145.5	73.7	113.7#	





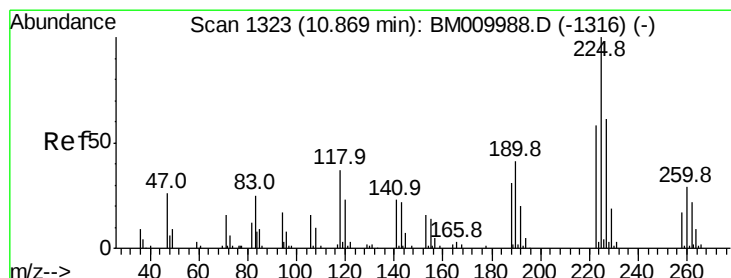
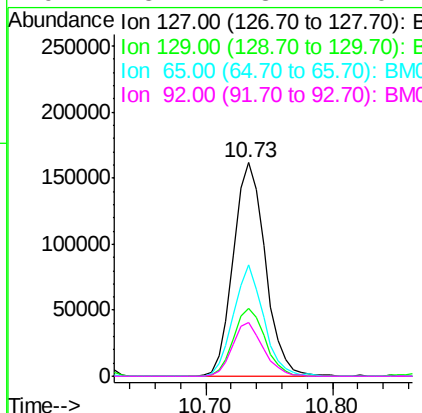
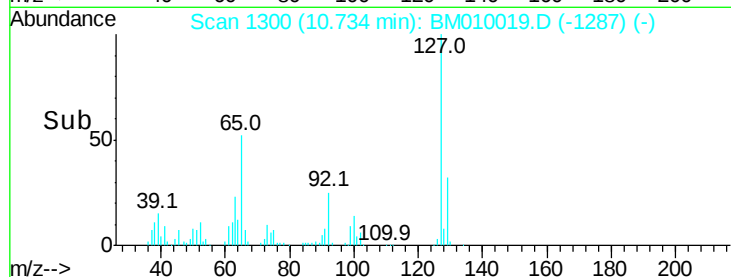
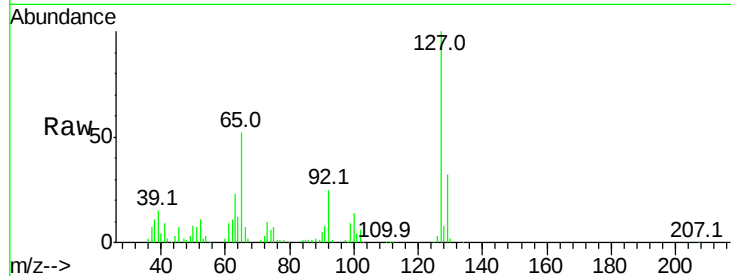
#33
4-Chloroaniline
Concen: 41.50 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	25.3	37.9	
65	52.3	17.6	26.4	
92	25.4	13.1	19.7	

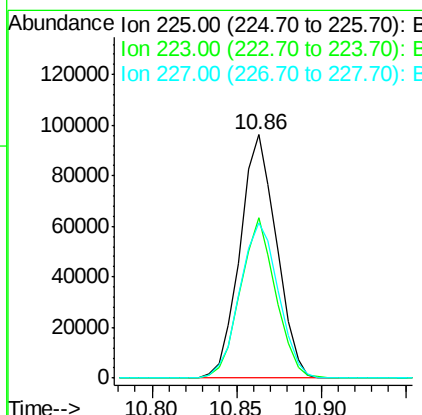
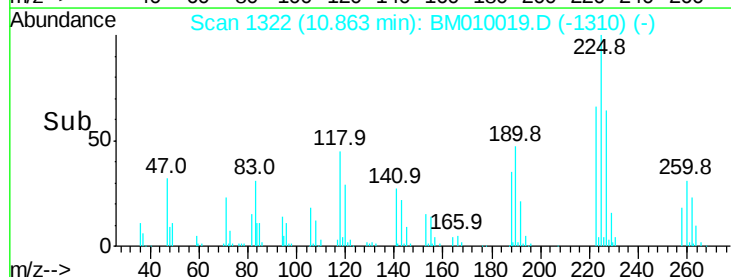
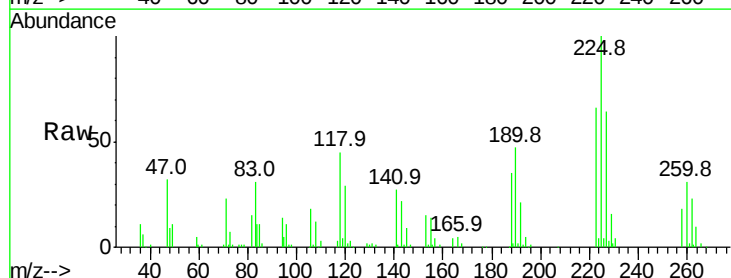
Manual Integrations
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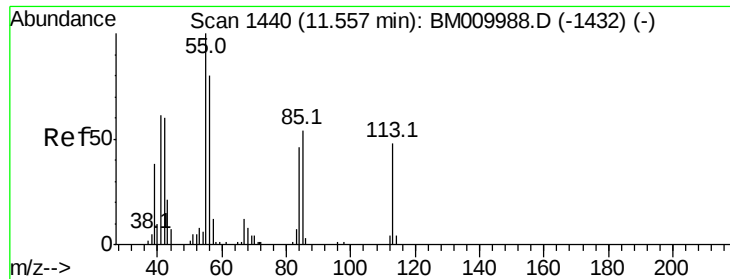
mohammad
5/12/2017 4:30:29 PM



#34
Hexachlorobutadiene
Concen: 39.23 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	47.9	71.9	
227	63.5	50.1	75.1	





#35

Caprolactam

Concen: 39.42 ng

RT: 11.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 71627

Ion Ratio Lower Upper

113 100

55 197.4 145.9 185.9#

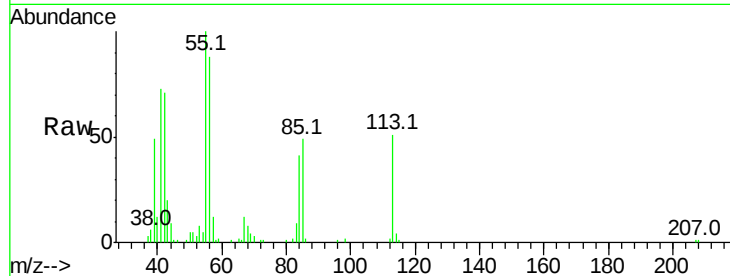
56 173.9 101.0 141.0#

Manual Integrations

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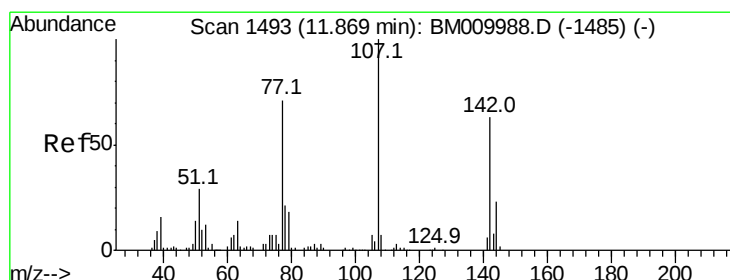
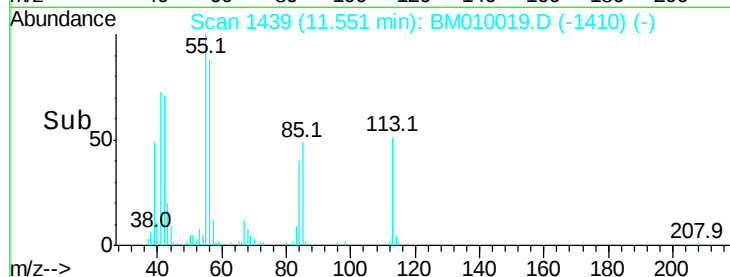
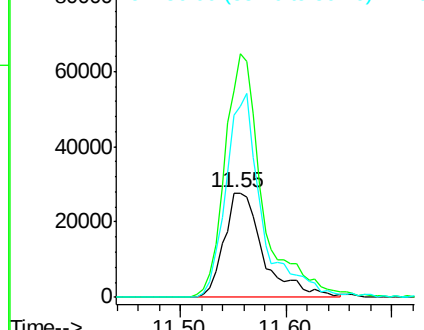
5/12/2017 4:30:29 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.68 ng

RT: 11.87 min Scan# 1493

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:107 Resp: 265239

Ion Ratio Lower Upper

107 100

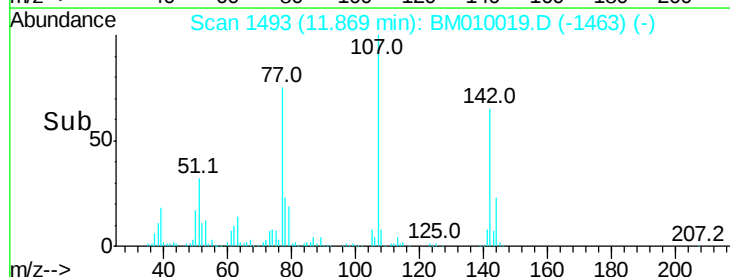
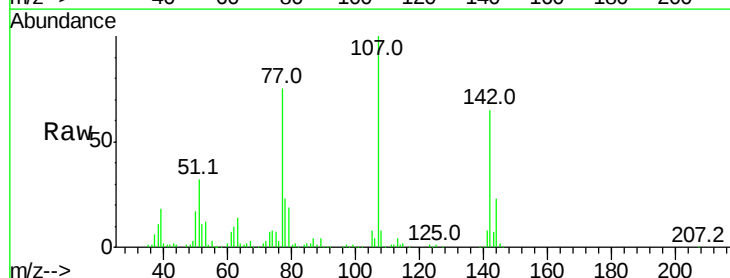
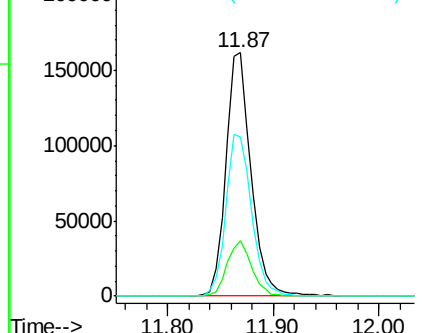
144 22.9 23.3 34.9#

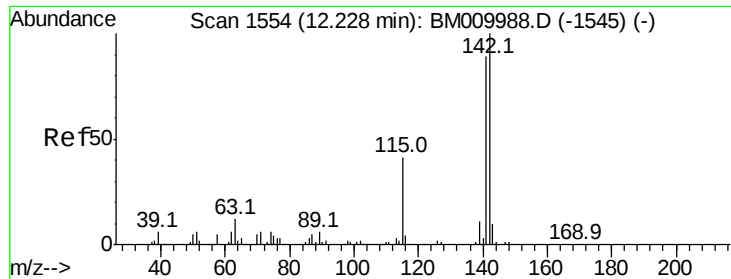
142 65.3 72.6 109.0#

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





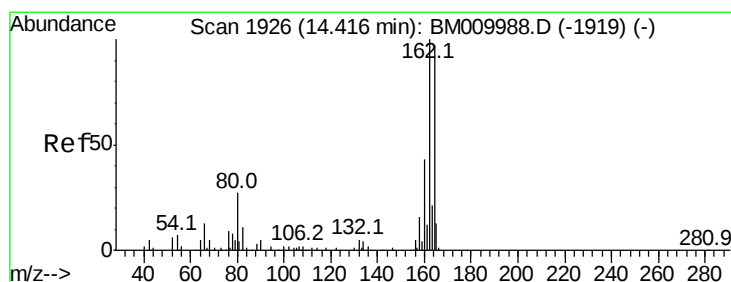
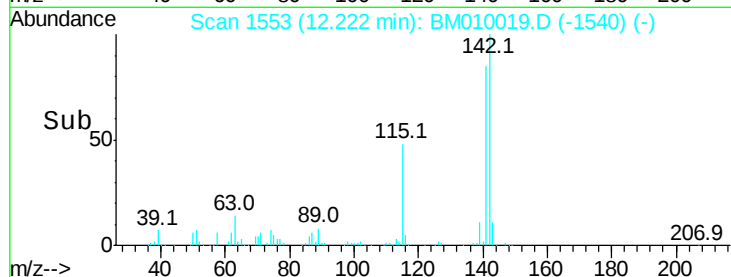
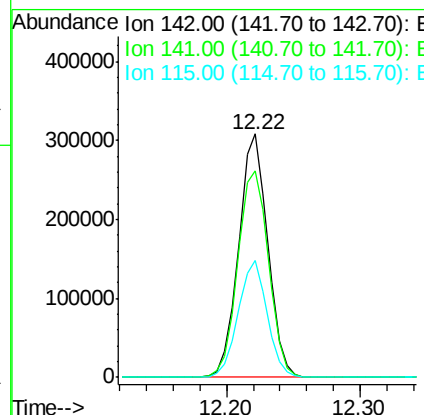
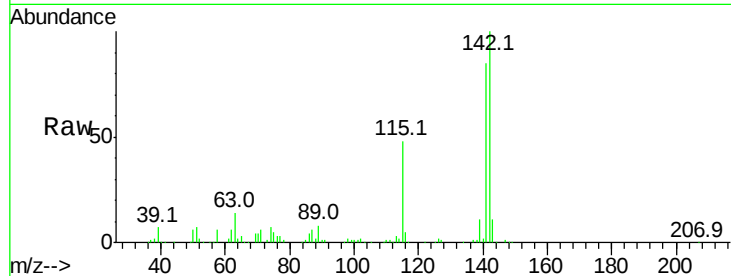
#37
2-Methylnaphthalene
Concen: 40.63 ng
RT: 12.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.9	107.9
115	47.8	25.4	38.0

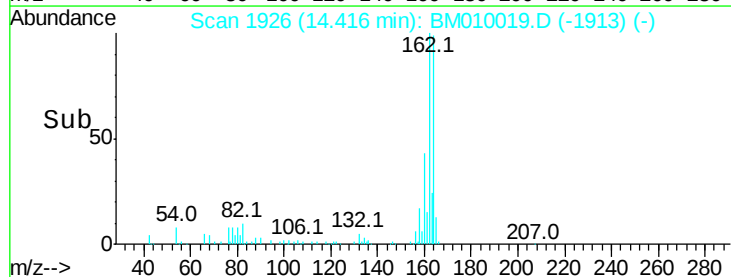
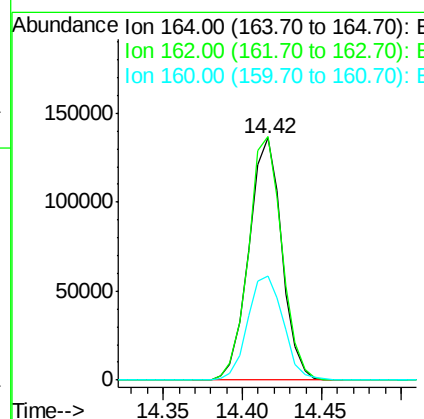
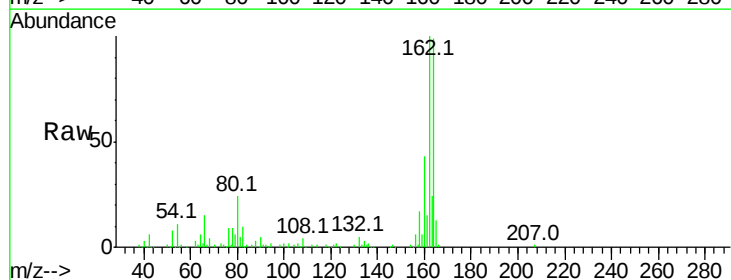
Manual Integrations
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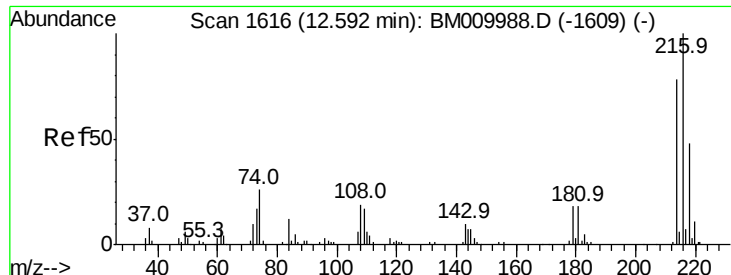
mohammad
5/12/2017 4:30:29 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.4	123.6
160	43.0	35.8	53.6





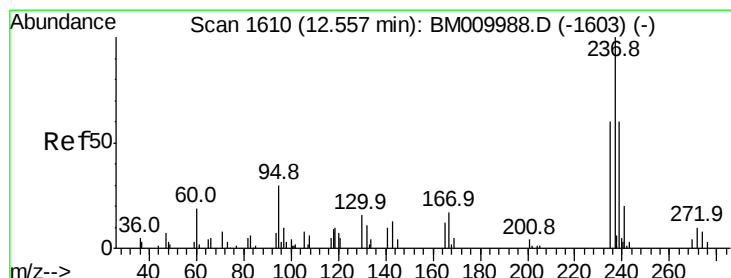
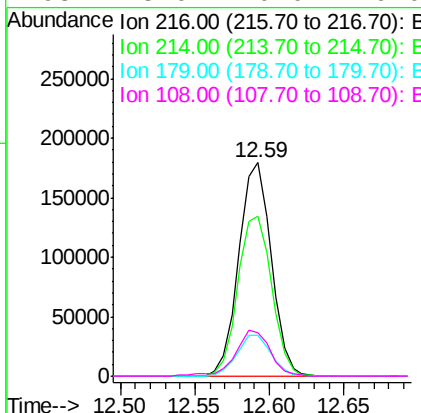
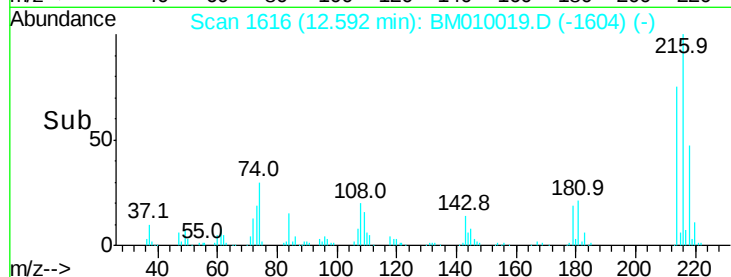
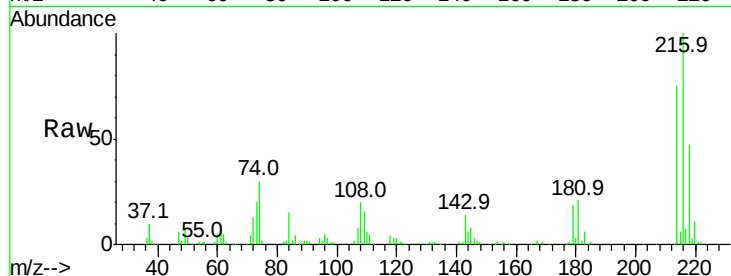
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.93 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	271090		
214	78.2	0.0	0.0	0.0
179	20.3	0.0	0.0	0.0
108	23.0	0.0	0.0	0.0

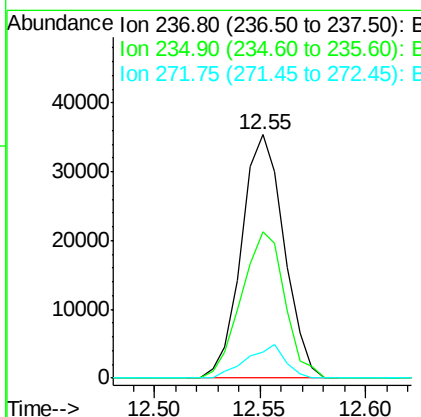
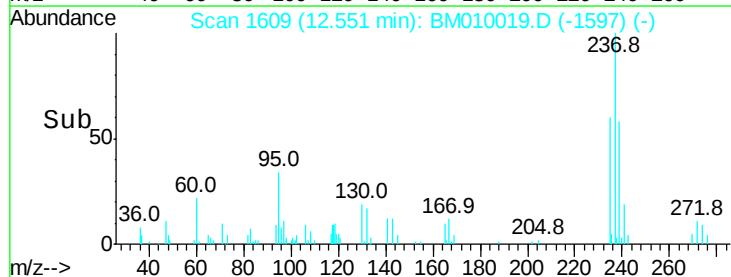
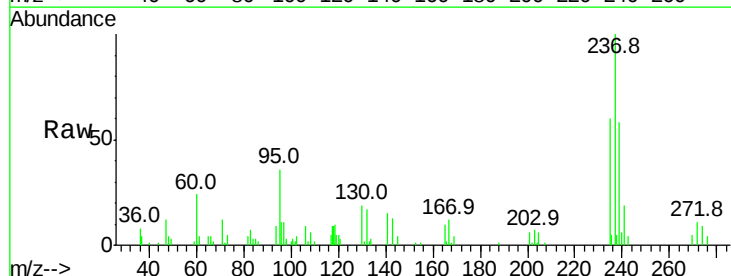
Manual Integrations
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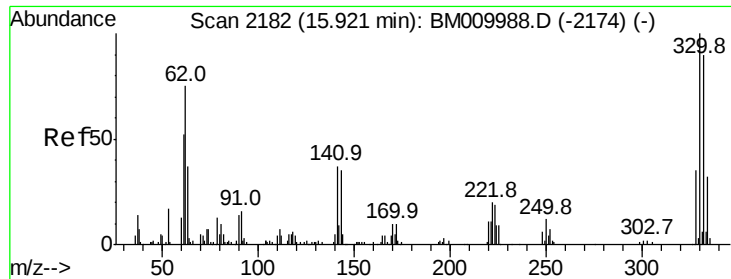
mohammad
 5/12/2017 4:30:29 PM



#40
 Hexachlorocyclopentadiene
 Concen: 42.42 ng
 RT: 12.55 min Scan# 1609
 Delta R.T. -0.03 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	49710		
235	60.2	42.0	82.0	
272	10.7	0.0	33.4	





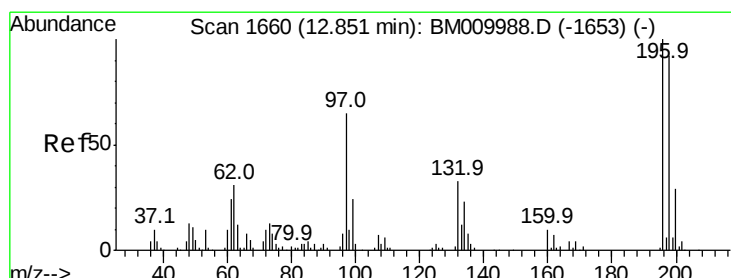
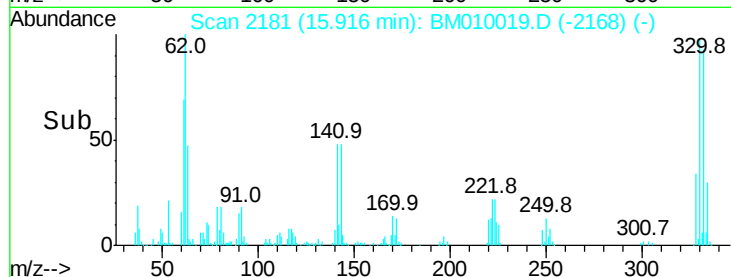
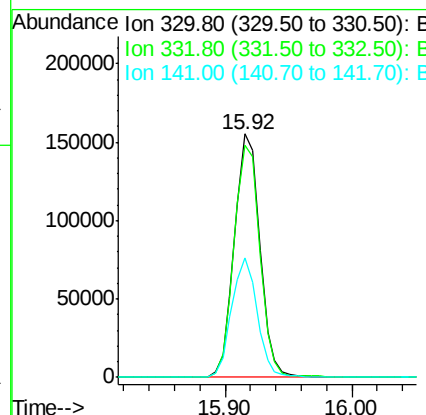
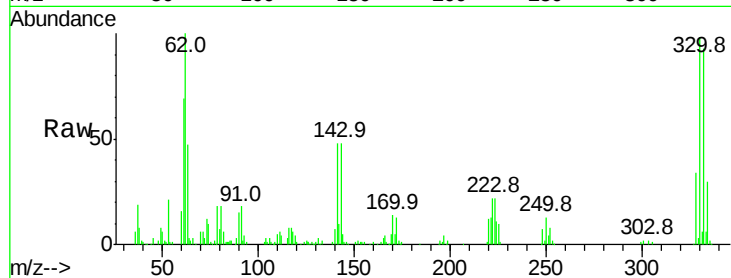
#41
 2,4,6-Tribromophenol
 Concen: 80.39 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	216045		
332	96.9	0.0	0.0	0.0
141	49.0	0.0	0.0	0.0

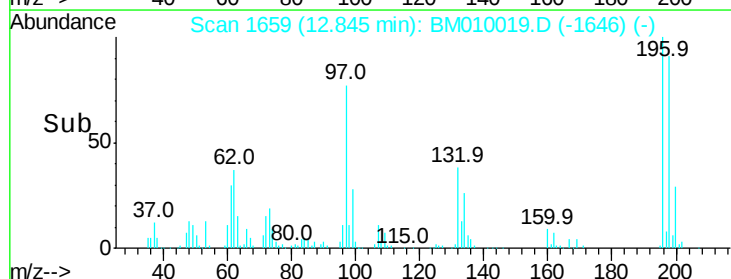
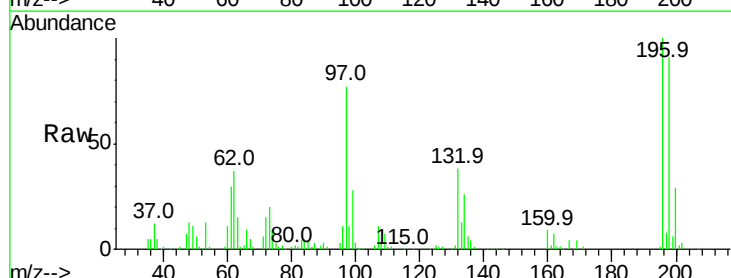
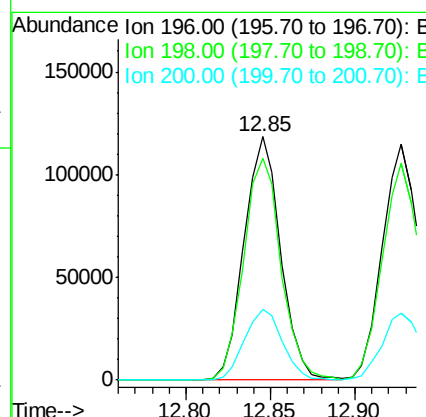
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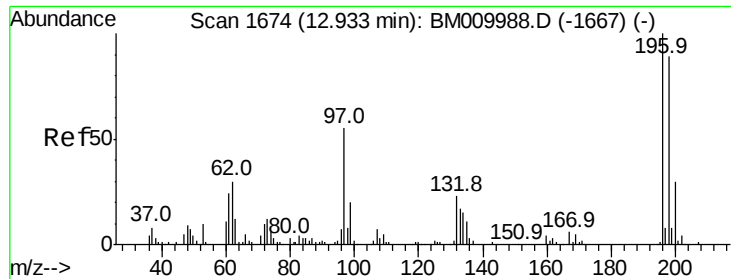
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 40.58 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178551		
198	91.0	76.3	114.5	
200	29.0	25.6	38.4	





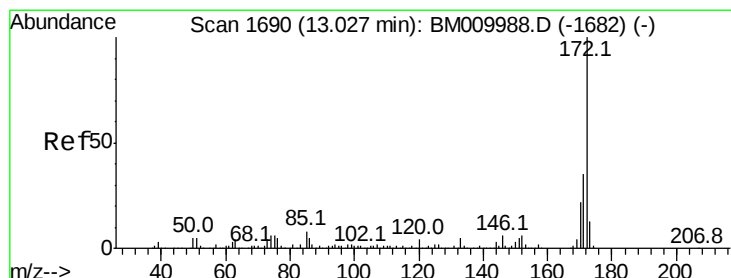
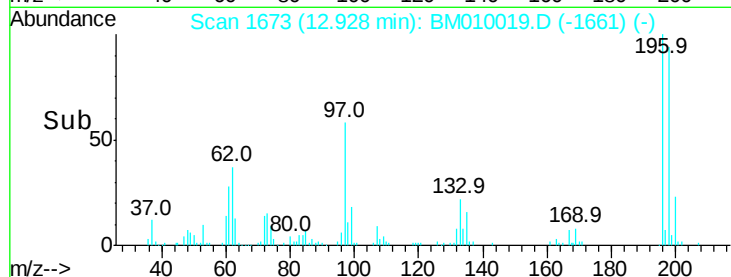
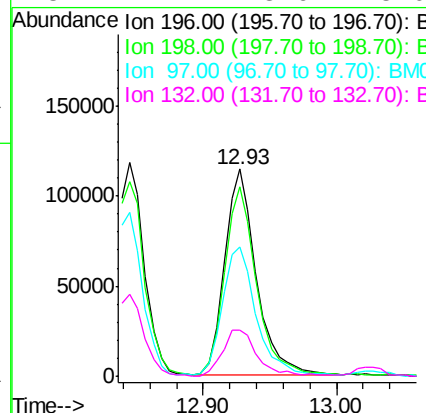
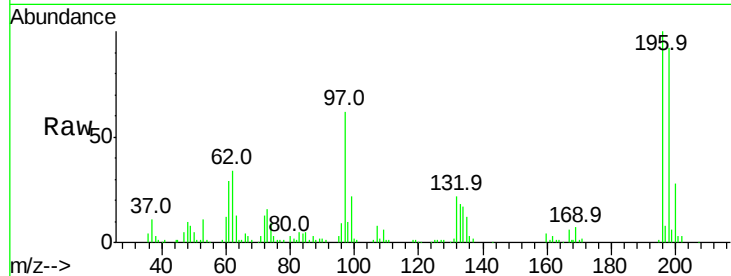
#43
 2,4,5-Trichlorophenol
 Concen: 39.61 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.03 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189328		
198	91.6	79.4	119.0	
97	62.3	26.8	40.2#	
132	22.2	18.6	28.0	

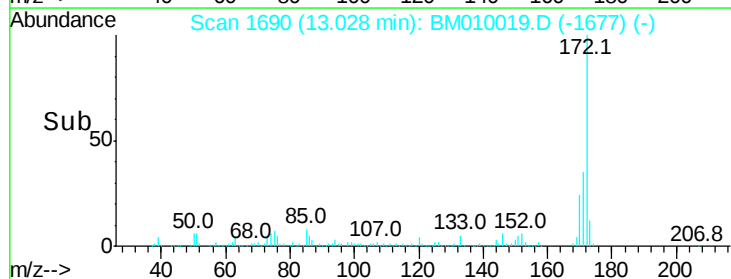
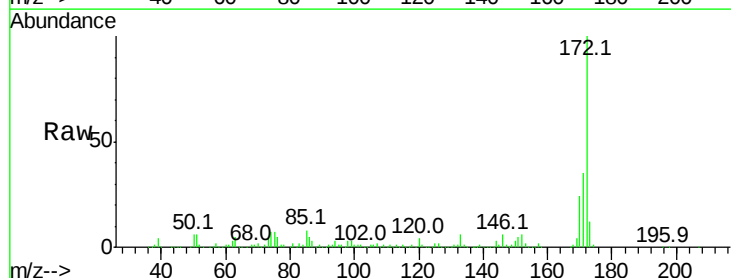
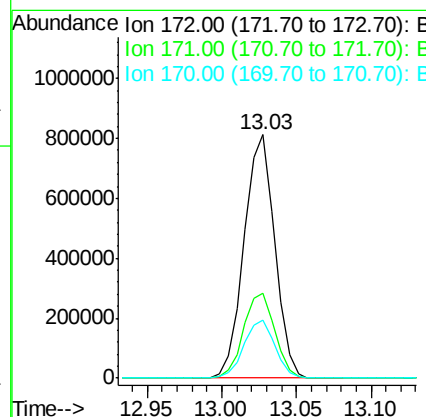
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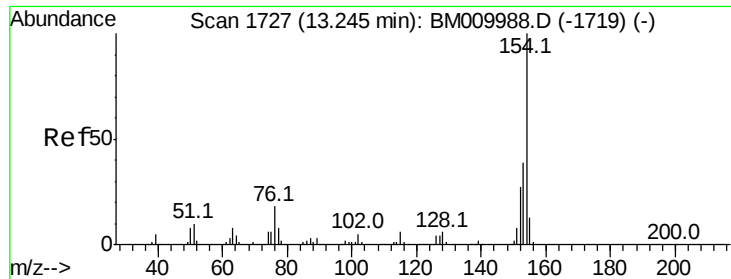
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 78.69 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1155469		
171	35.0	28.5	42.7	
170	23.8	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 40.52 ng

RT: 13.24 min Scan# 1726

Delta R.T. -0.03 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

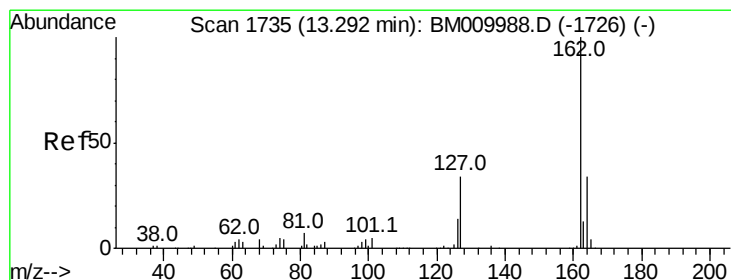
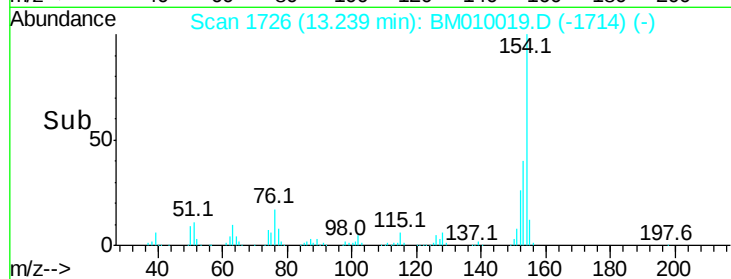
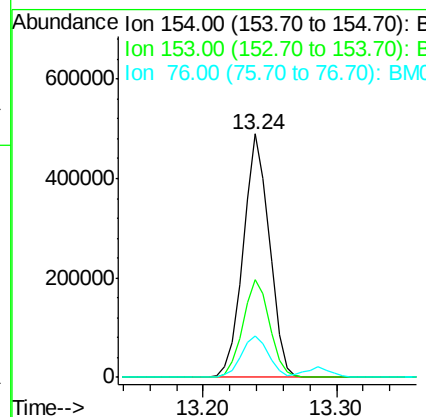
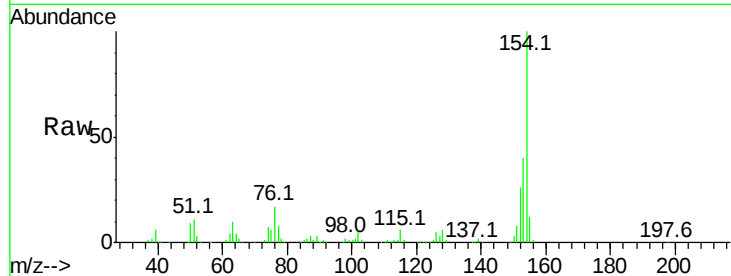
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	662120
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.7	60.7
76	17.2	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 40.21 ng

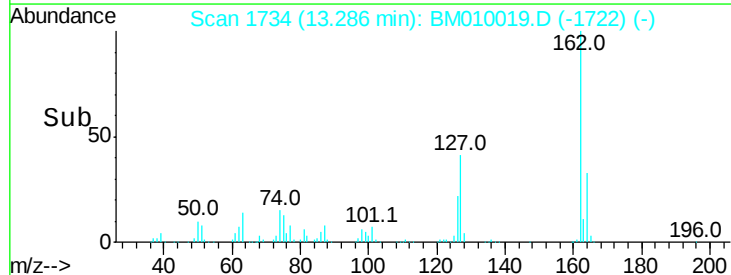
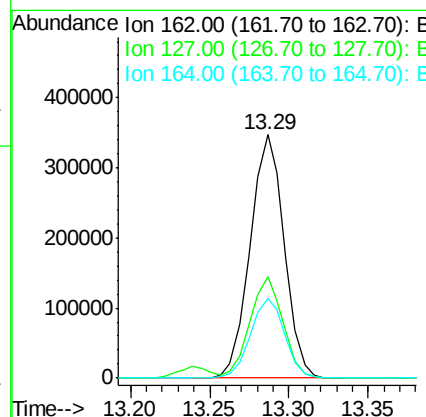
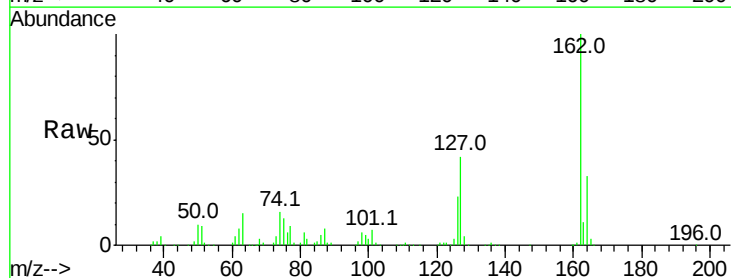
RT: 13.29 min Scan# 1734

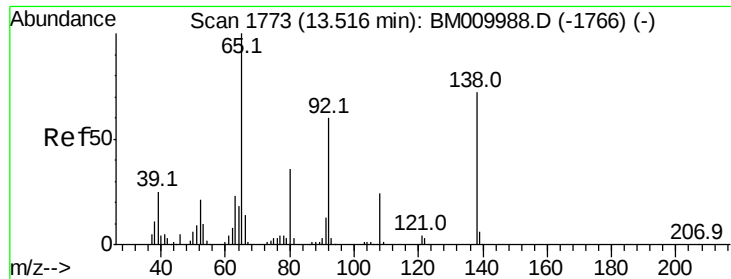
Delta R.T. -0.03 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	162	Resp:	516328
Ion Ratio	Lower	Upper	
162	100		
127	41.7	26.9	40.3#
164	32.8	26.8	40.2





#47

2-Nitroaniline

Concen: 45.75 ng

RT: 13.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 65 Resp: 265962

Ion Ratio Lower Upper

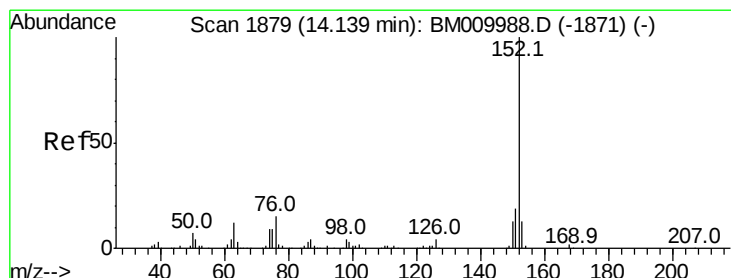
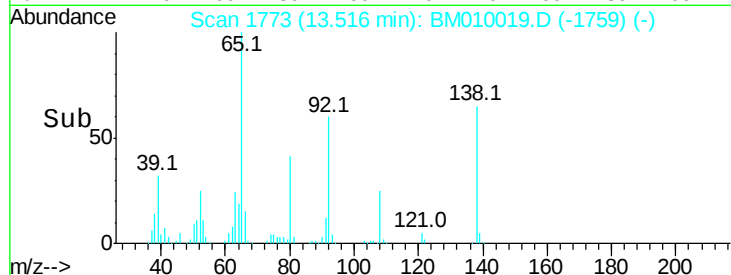
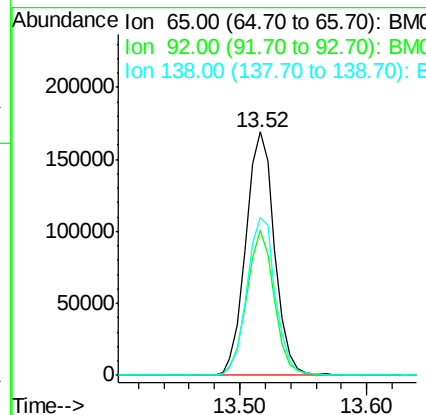
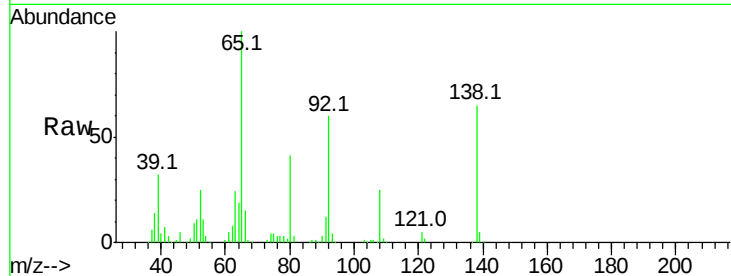
65 100

92 59.6 59.1 88.7

138 64.8 93.9 140.9#

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#48

Acenaphthylene

Concen: 40.60 ng

RT: 14.14 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

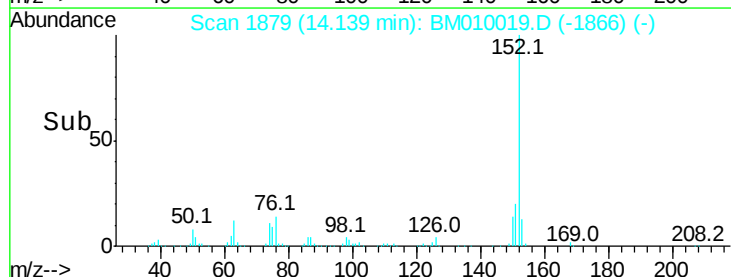
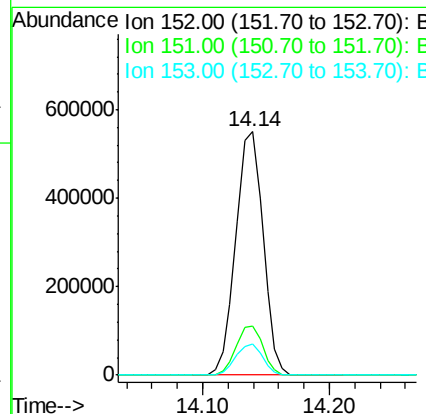
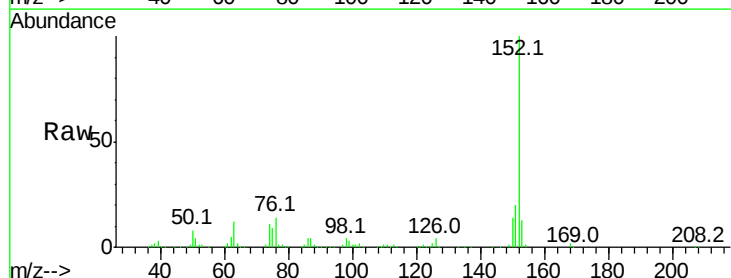
Tgt Ion: 152 Resp: 820969

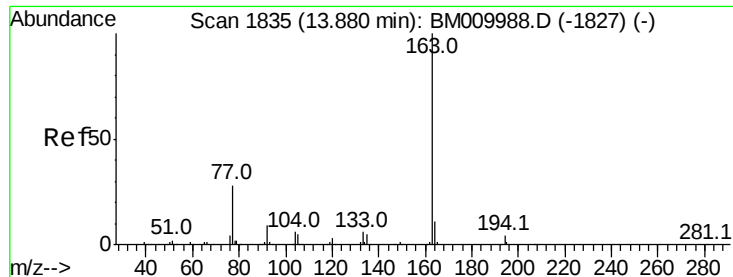
Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.9 10.6 16.0





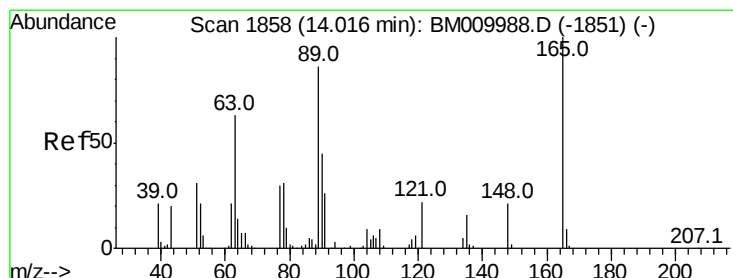
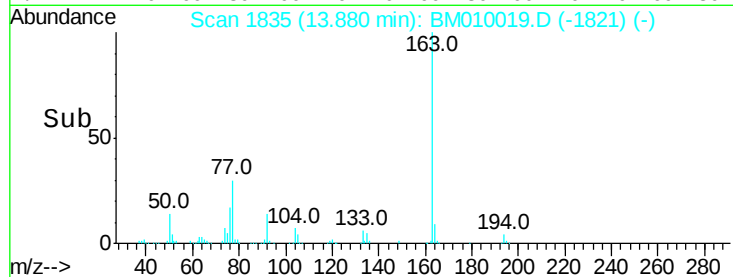
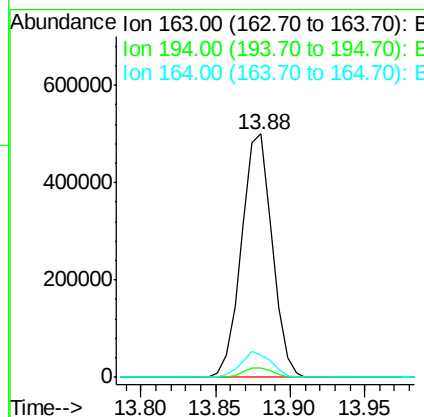
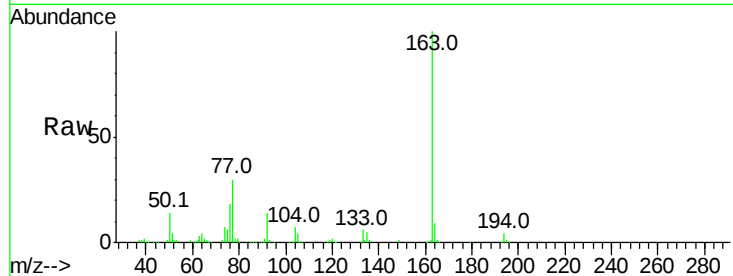
#49
Dimethylphthalate
Concen: 41.15 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	163	Resp	712322
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.7	4.1
164	9.2	8.2	12.2

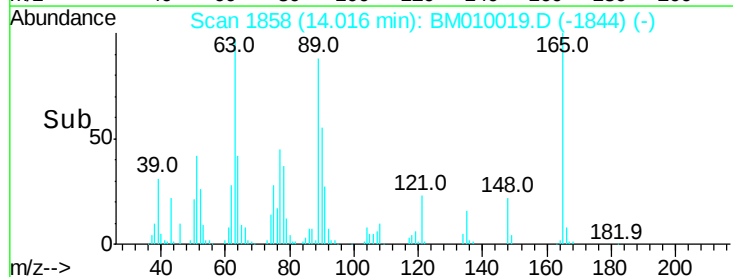
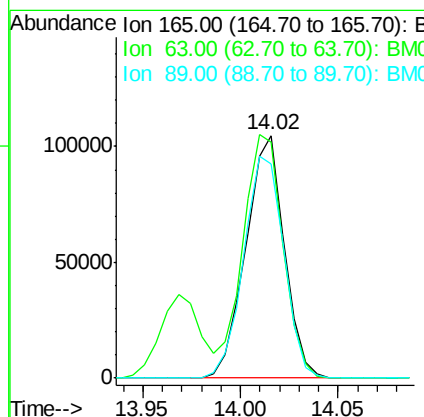
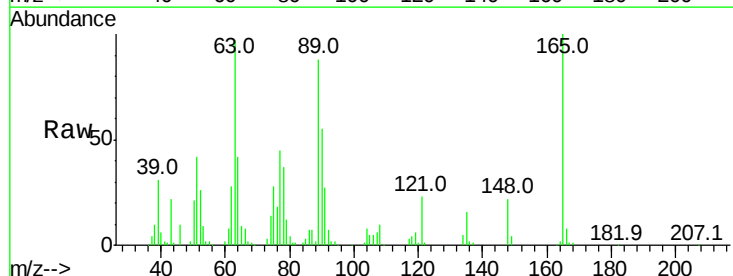
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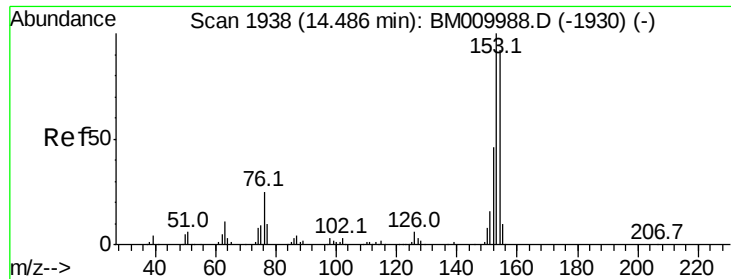
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#50
2,6-Dinitrotoluene
Concen: 40.61 ng
RT: 14.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	165	Resp	142464
Ion Ratio	Lower	Upper	
165	100		
63	97.3	44.1	66.1#
89	88.3	44.3	66.5#





#51

Acenaphthene

Concen: 39.53 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

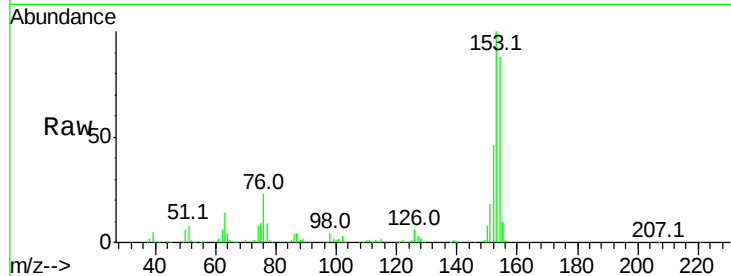
ClientSampleId :

SSTDCCC040EC

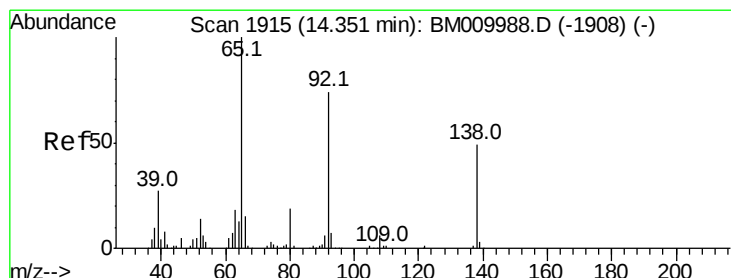
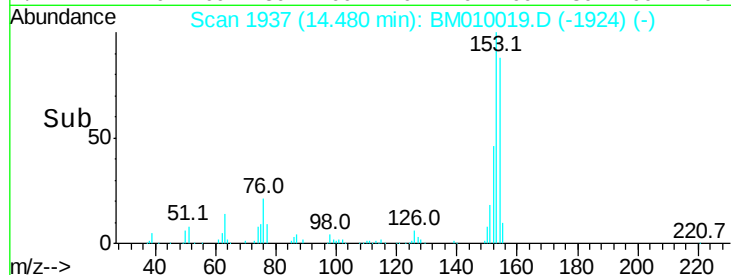
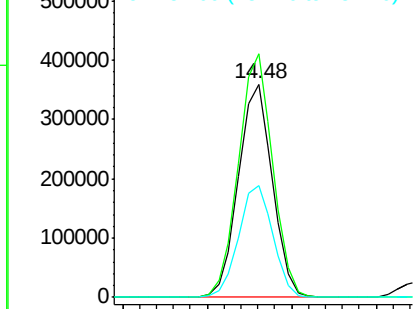
Tot Ion:	154	Resp:	503741
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.0	135.0
152	52.6	42.6	63.8

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



#52

3-Nitroaniline

Concen: 41.57 ng

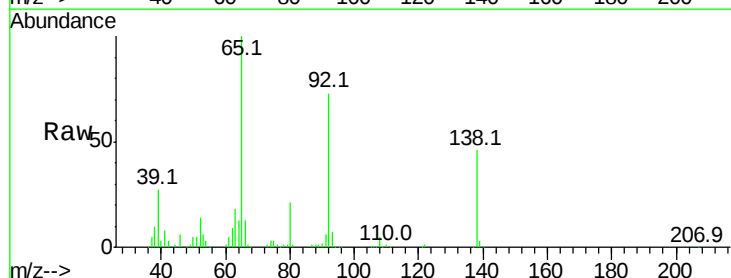
RT: 14.35 min Scan# 1915

Delta R.T. -0.02 min

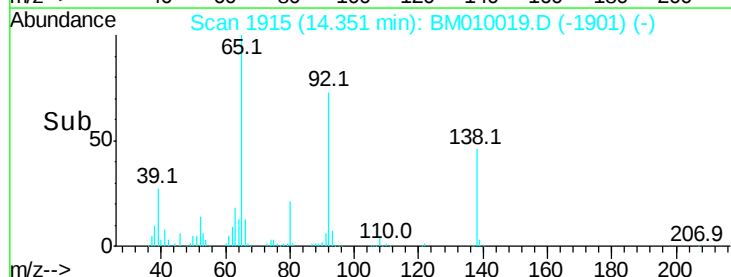
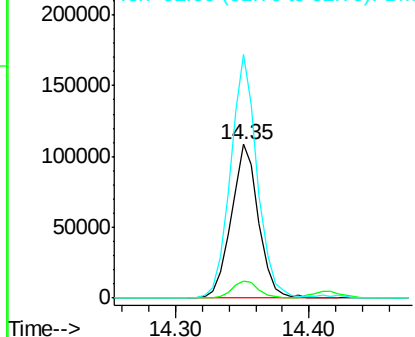
Lab File: BM010019.D

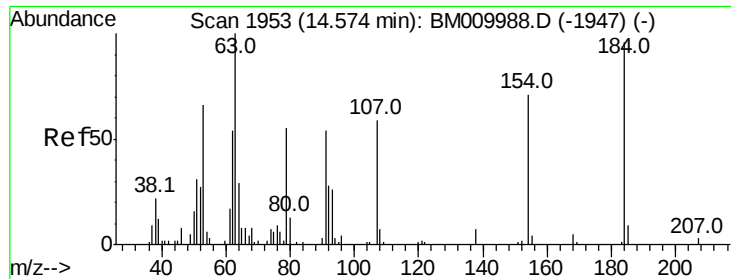
Acq: 12 May 2017 11:53

Tgt Ion:	138	Resp:	154860
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.3	10.9
92	158.7	76.6	114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0





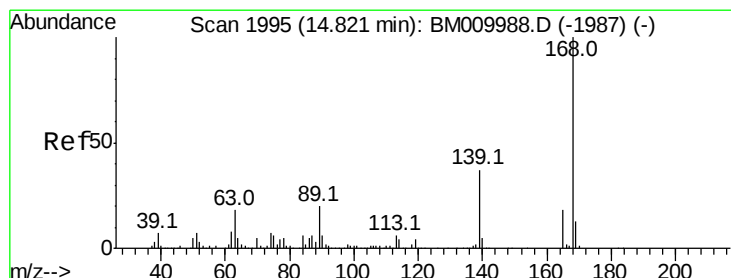
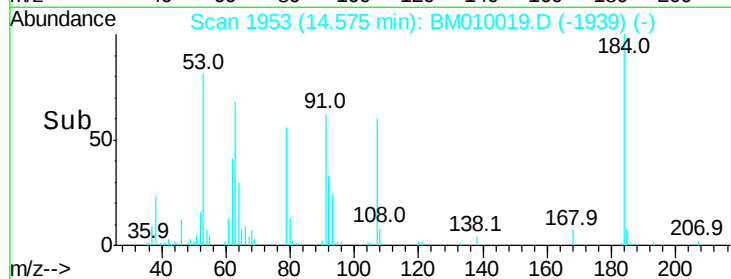
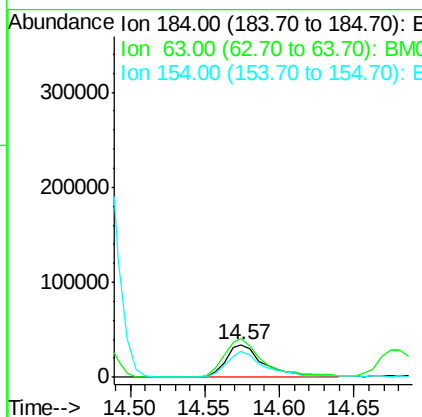
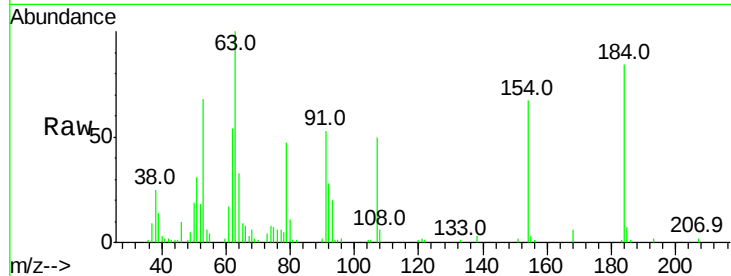
#53
2,4-Dinitrophenol
Concen: 35.50 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	119.2	69.2	103.8#
154	79.3	53.3	79.9

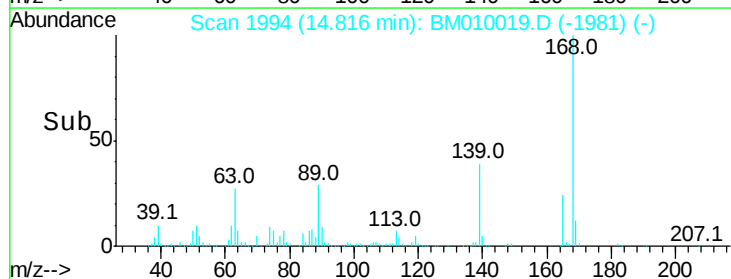
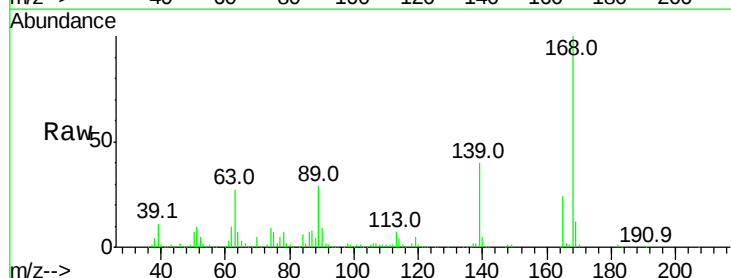
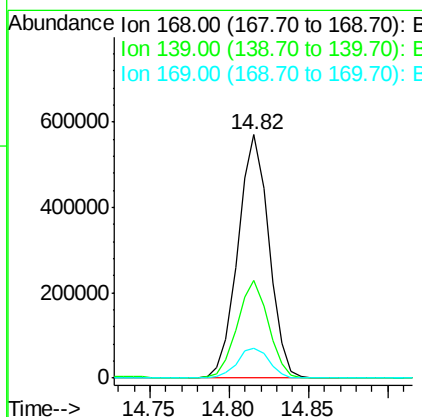
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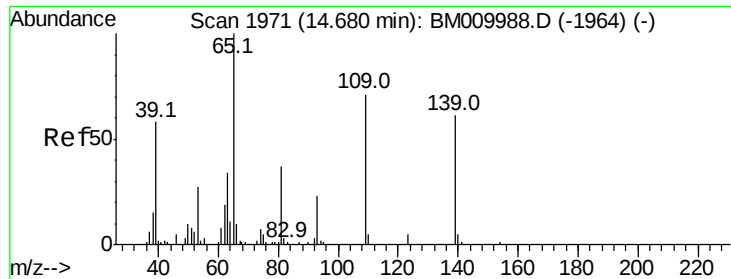
mohammad
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#54
Dibenzofuran
Concen: 39.61 ng
RT: 14.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	27.3	40.9
169	12.5	10.6	16.0





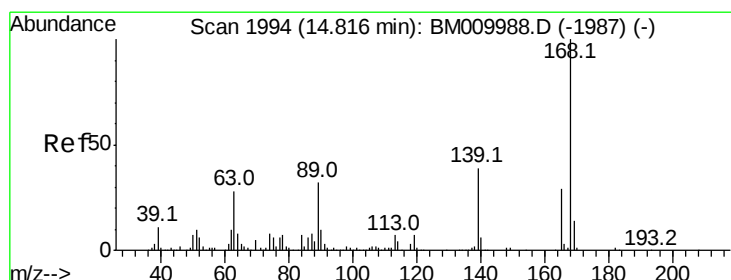
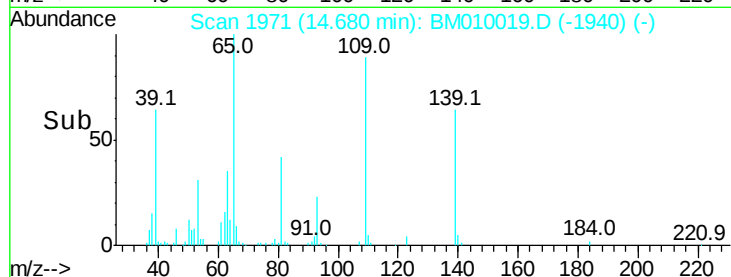
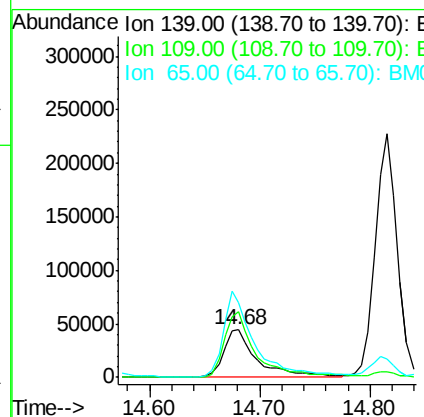
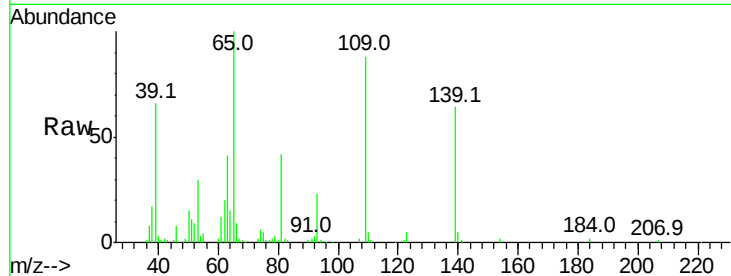
#55
4-Nitrophenol
Concen: 37.09 ng
RT: 14.68 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	138.7	37.7	77.7#
65	156.8	49.9	89.9#

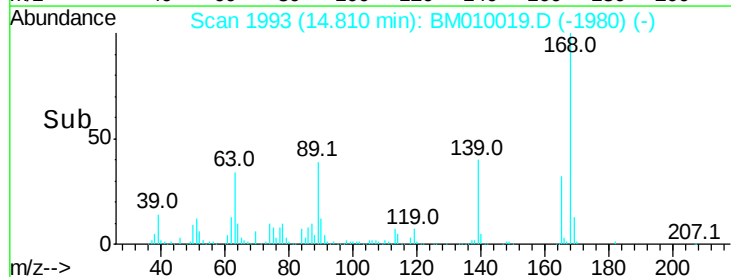
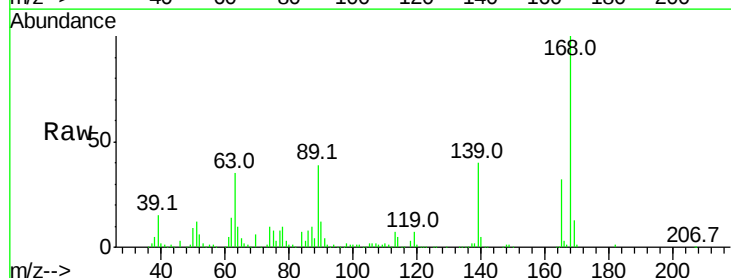
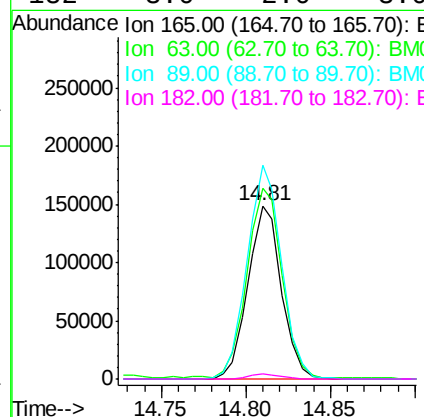
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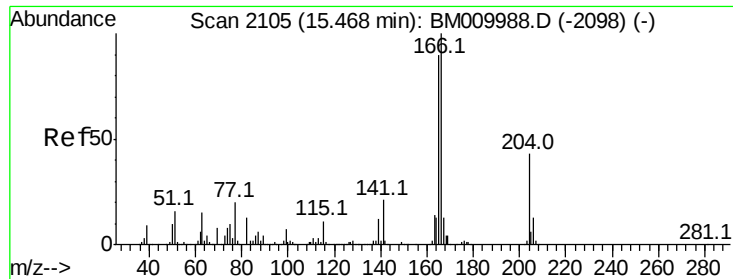
mohammad
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#56
2,4-Dinitrotoluene
Concen: 39.58 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	110.0	52.4	78.6#
89	123.3	72.4	108.6#
182	3.0	2.0	3.0#





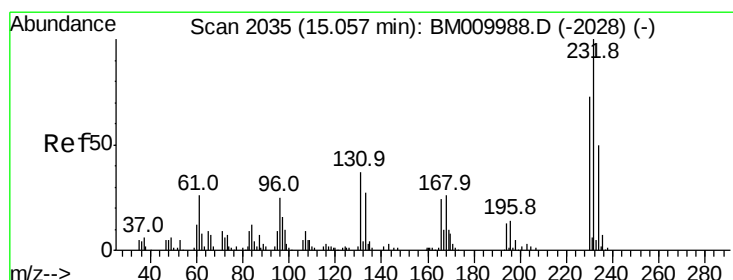
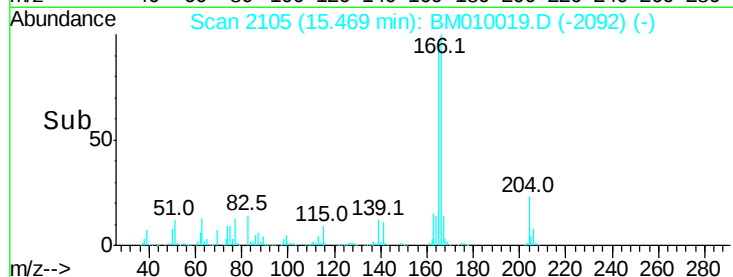
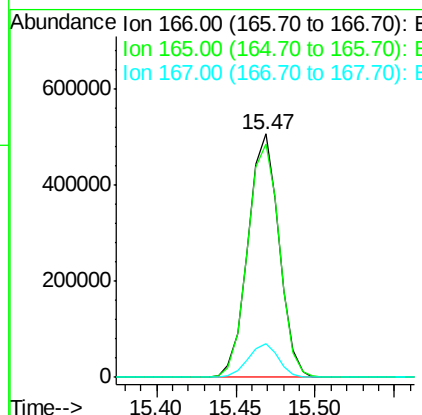
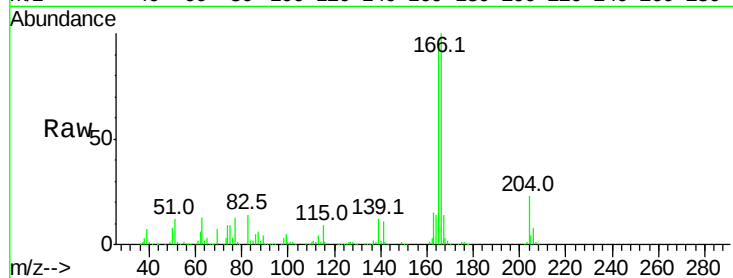
#57
Fluorene
 Concen: 40.08 ng
 RT: 15.47 min Scan# 2105
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.6	79.0	118.4	
167	13.8	10.3	15.5	

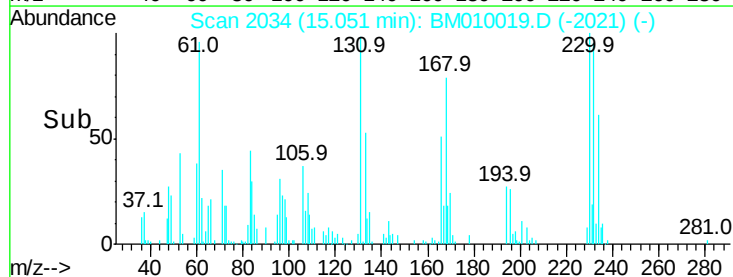
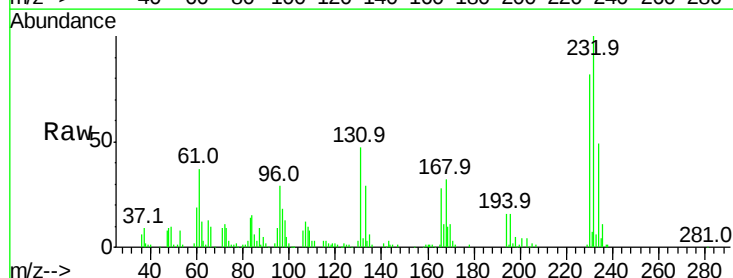
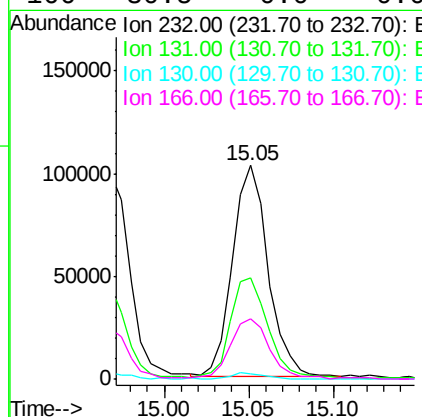
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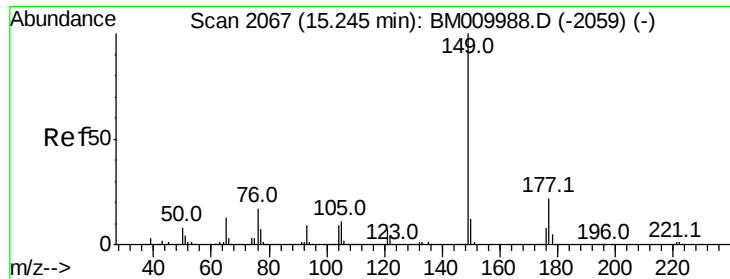
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.08 ng
 RT: 15.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.3	0.0	0.0#	
130	2.9	0.0	0.0#	
166	30.5	0.0	0.0#	





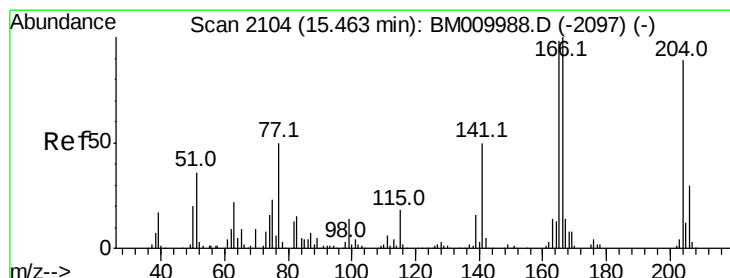
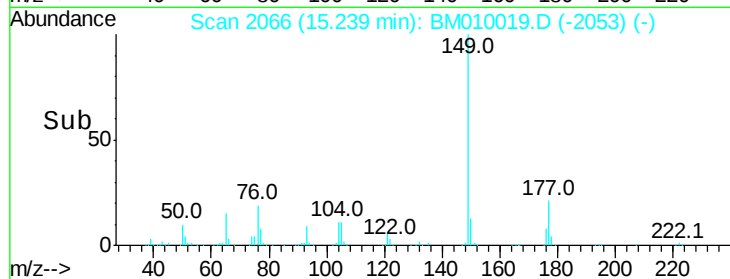
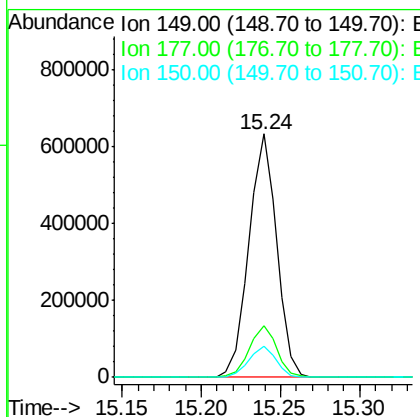
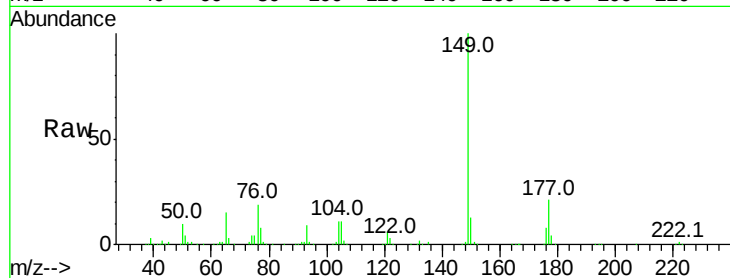
#59
Diethylphthalate
Concen: 42.39 ng
RT: 15.24 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:	149	Resp:	770293
Ion Ratio	Lower	Upper	
149	100		
177	21.3	18.3	27.5
150	12.6	9.8	14.8

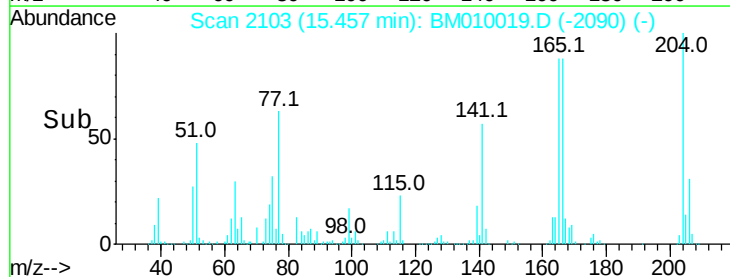
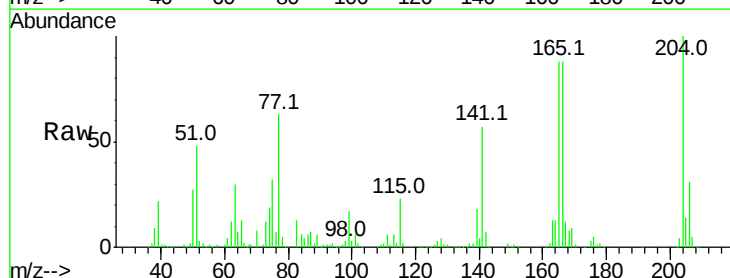
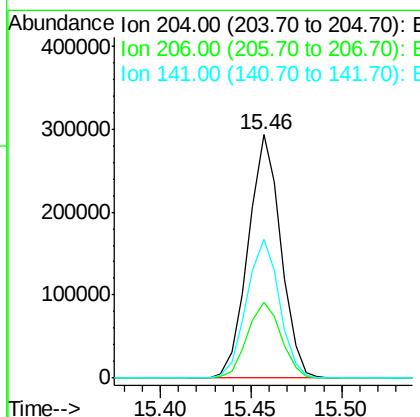
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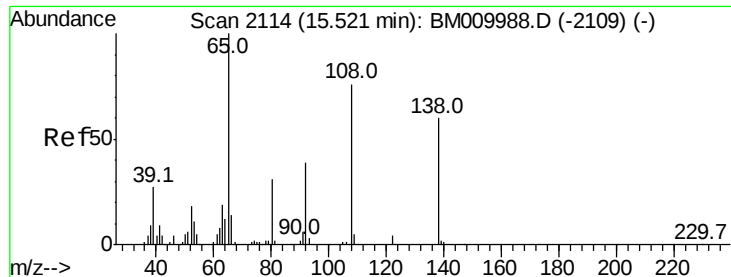
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.09 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion:	204	Resp:	367424
Ion Ratio	Lower	Upper	
204	100		
206	31.0	26.6	39.8
141	57.1	45.2	67.8





#61

4-Nitroaniline

Concen: 40.77 ng

RT: 15.53 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

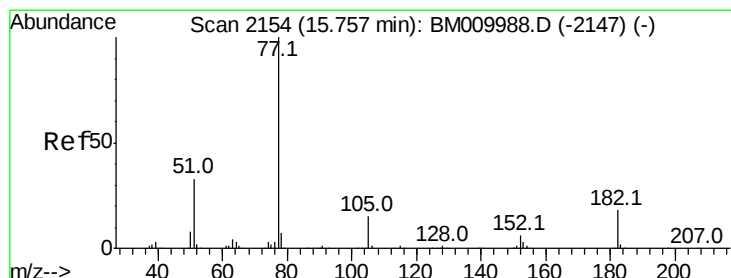
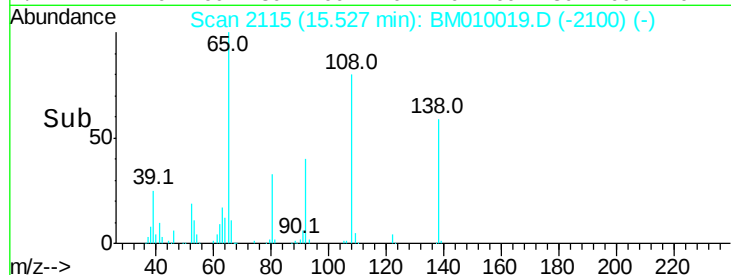
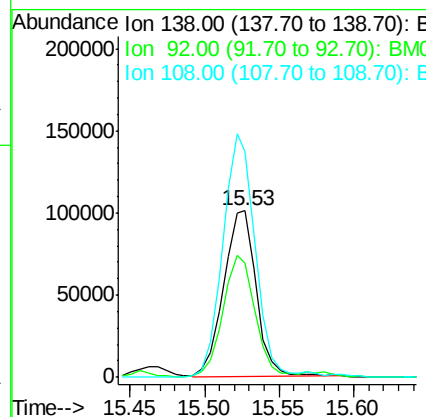
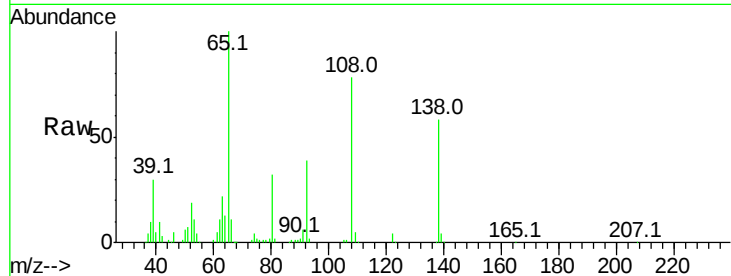
ClientSampleId :

SSTDCCC040EC

Tot Ion:	138	Resp:	154743
Ion Ratio	Lower	Upper	
138	100		
92	68.3	16.7	56.7#
108	135.7	37.6	77.6#

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#62

Azobenzene

Concen: 43.61 ng

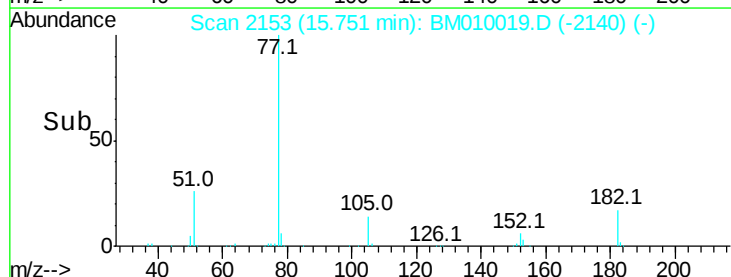
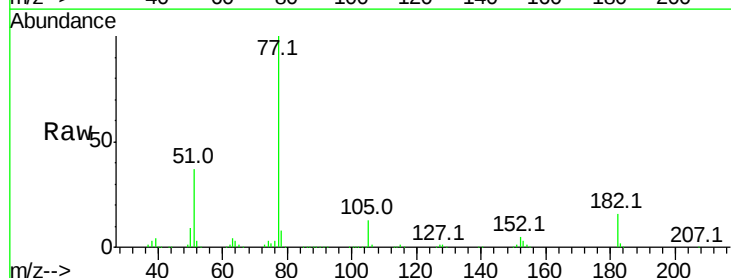
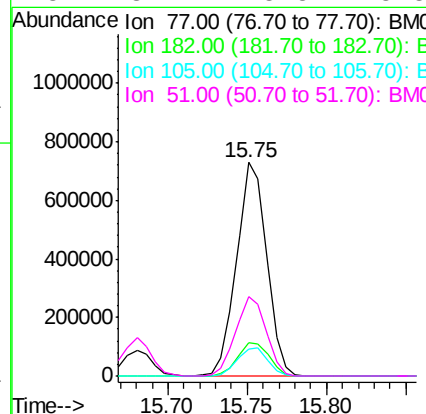
RT: 15.75 min Scan# 2153

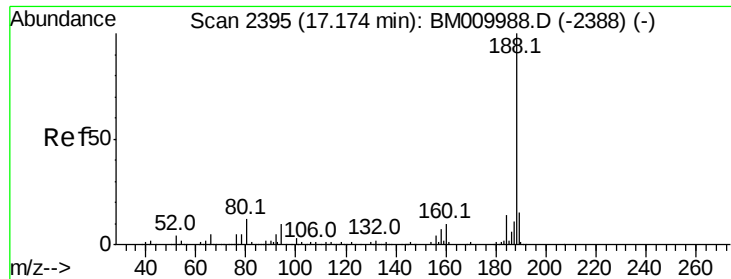
Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	77	Resp:	961548
Ion Ratio	Lower	Upper	
77	100		
182	15.8	6.5	46.5
105	12.8	3.8	43.8
51	37.1	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

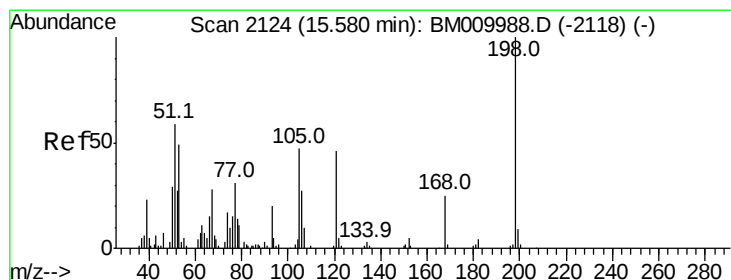
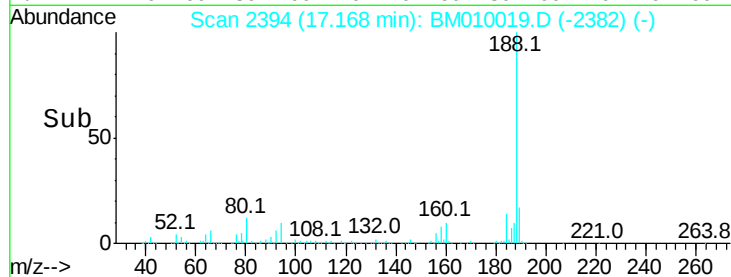
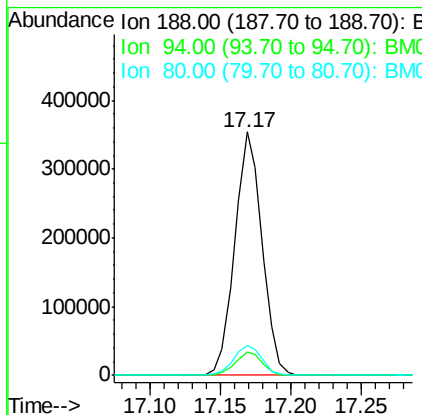
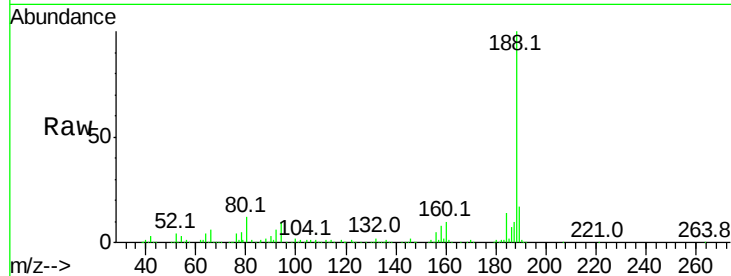
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	474482
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.7	13.1
80	12.3	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.93 ng

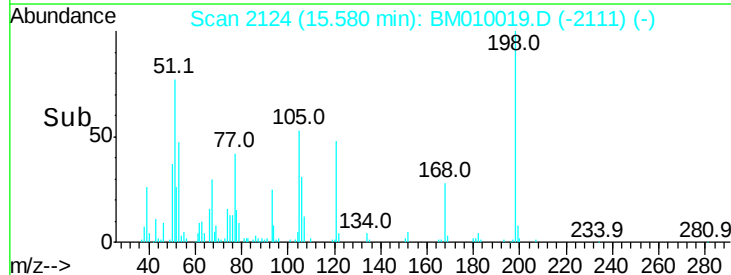
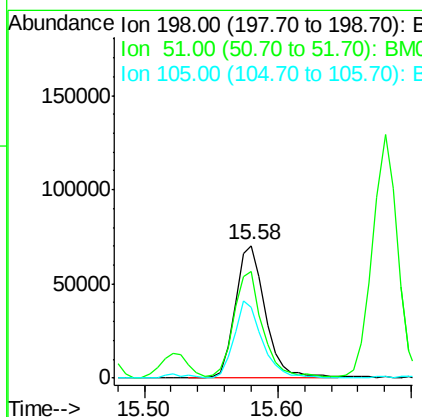
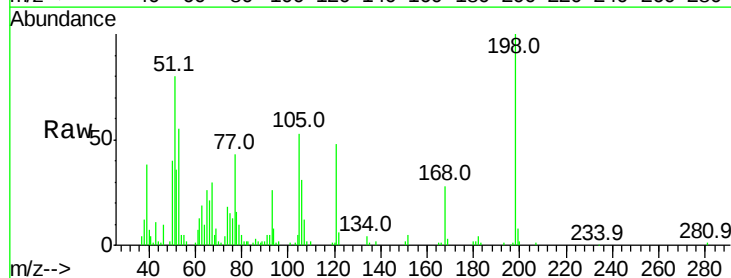
RT: 15.58 min Scan# 2124

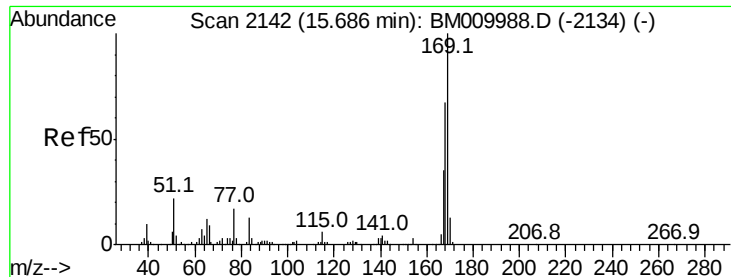
Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	198	Resp:	110106
Ion Ratio	Lower	Upper	
198	100		
51	80.2	28.8	68.8#
105	53.5	30.5	70.5





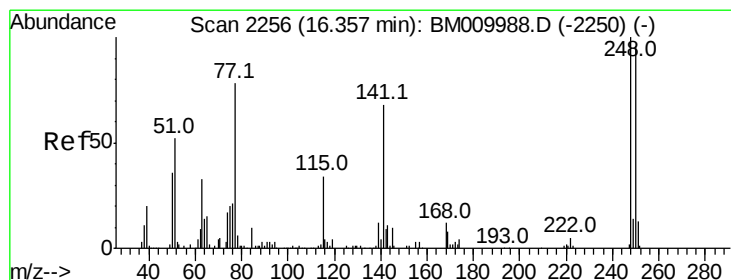
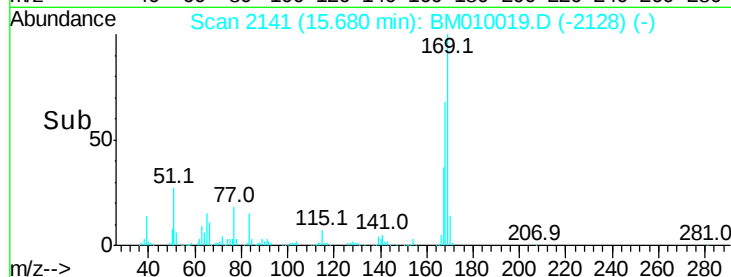
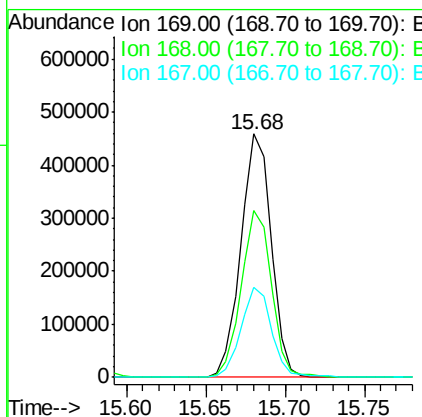
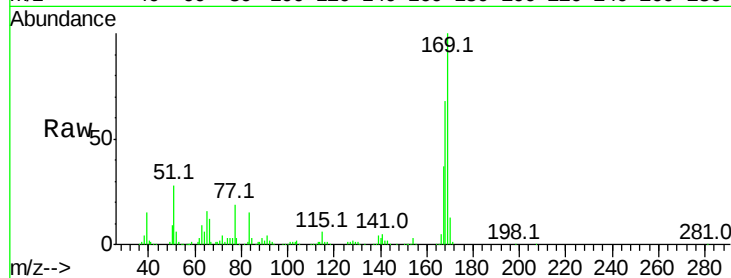
#65
n-Nitrosodiphenylamine
Concen: 41.46 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	68.3	53.9	80.9		
167	37.1	28.9	43.3		

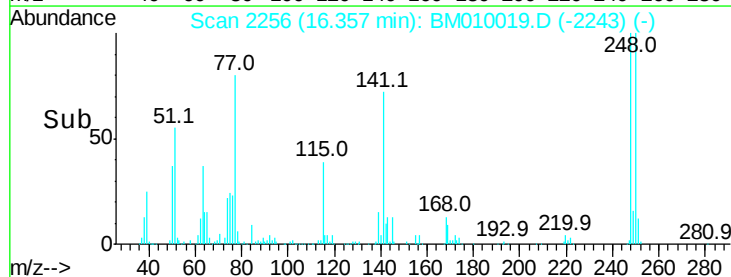
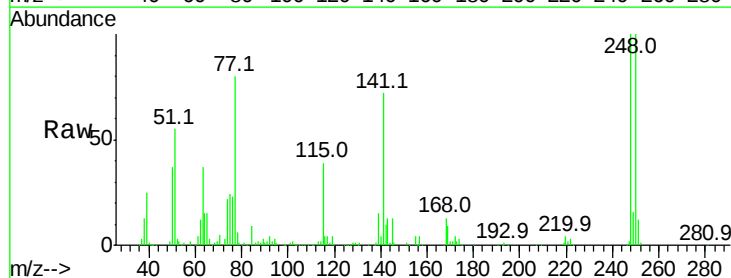
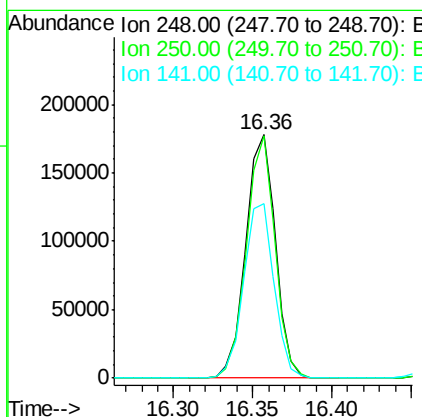
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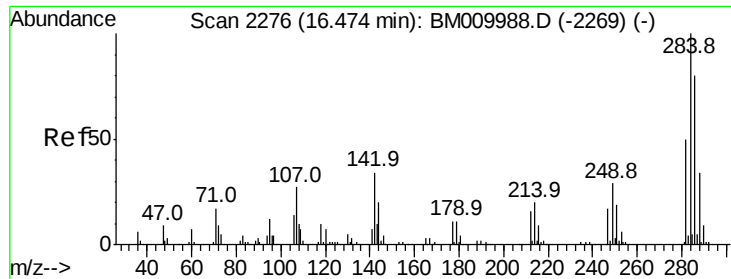
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#66
4-Bromophenyl-phenylether
Concen: 41.07 ng
RT: 16.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	99.7	77.4	116.0		
141	71.5	45.2	67.8		





#67

Hexachlorobenzene

Concen: 40.11 ng

RT: 16.47 min Scan# 2275

Delta R.T. -0.03 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

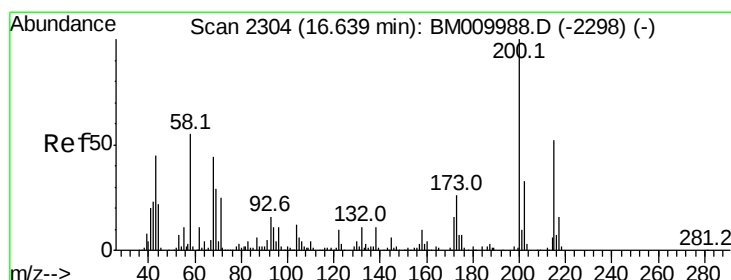
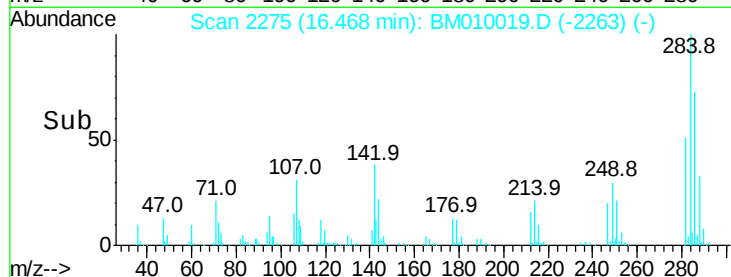
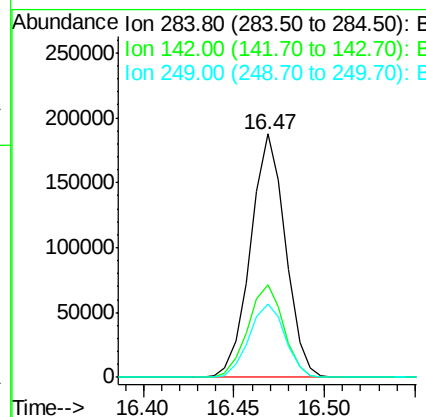
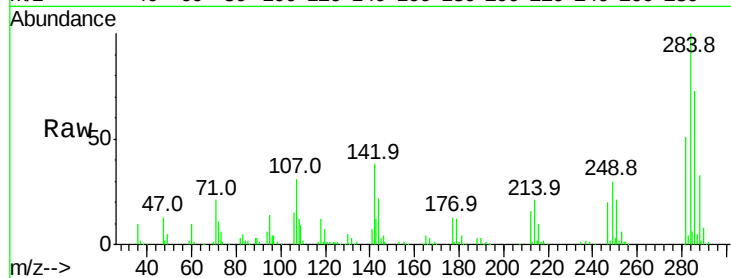
ClientSampleId :

SSTDCCC040EC

Tot Ion:	284	Resp:	250854
Ion Ratio		Lower	Upper
284	100		
142	37.8	20.4	30.6#
249	30.0	23.8	35.6

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#68

Atrazine

Concen: 42.61 ng

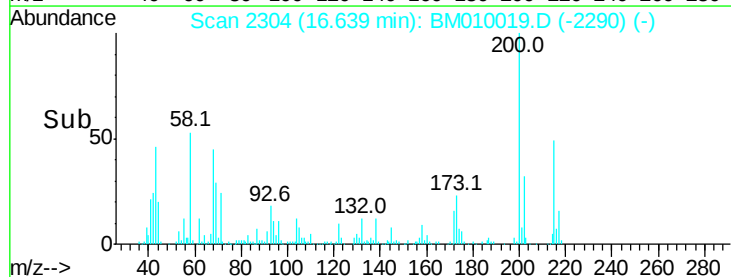
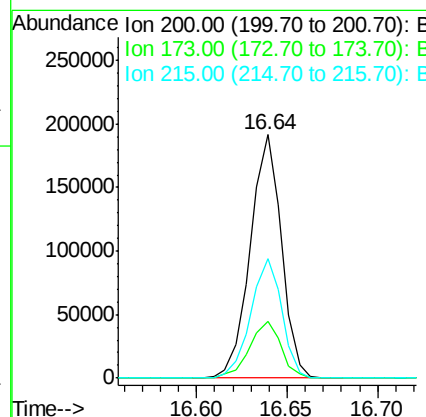
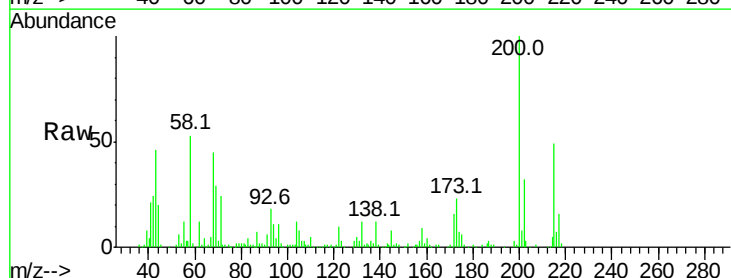
RT: 16.64 min Scan# 2304

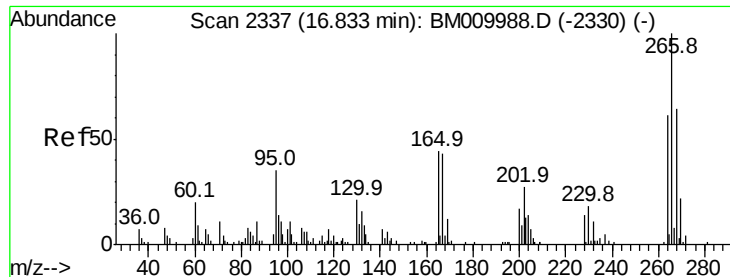
Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	200	Resp:	229263
Ion Ratio		Lower	Upper
200	100		
173	23.5	4.8	44.8
215	49.3	26.9	66.9





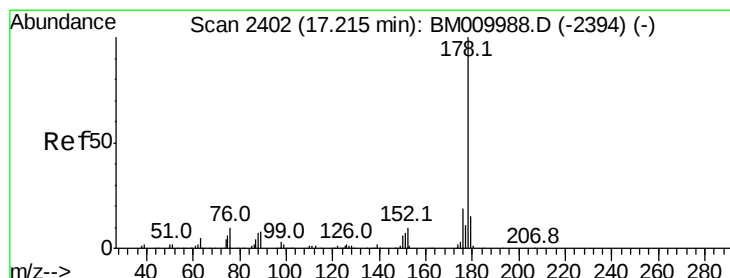
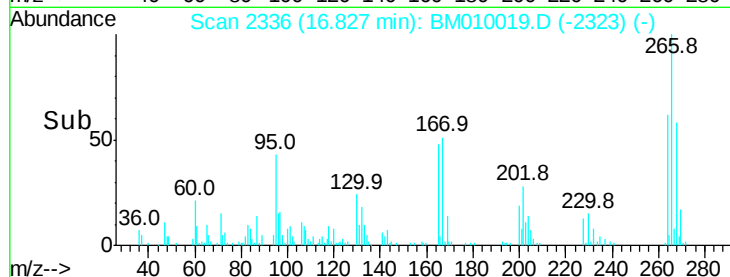
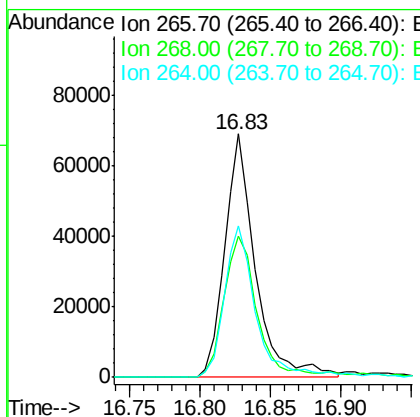
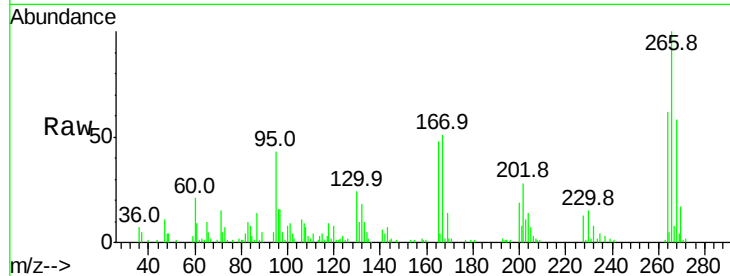
#69
 Pentachlorophenol
 Concen: 37.49 ng
 RT: 16.83 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	103962		
268	57.8		52.0	78.0
264	62.4		49.0	73.4

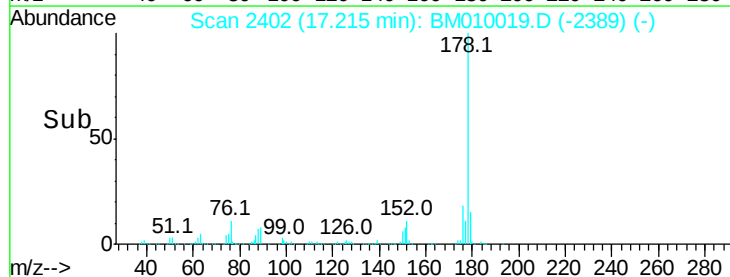
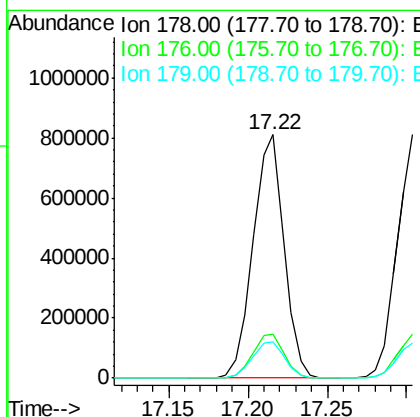
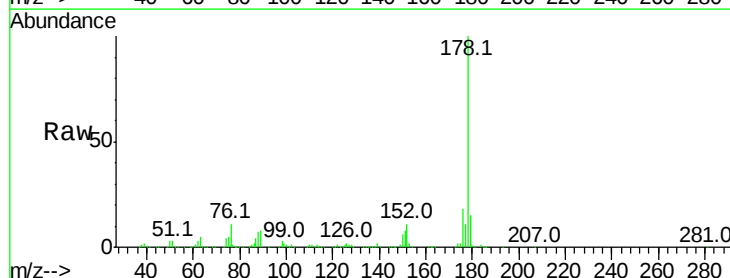
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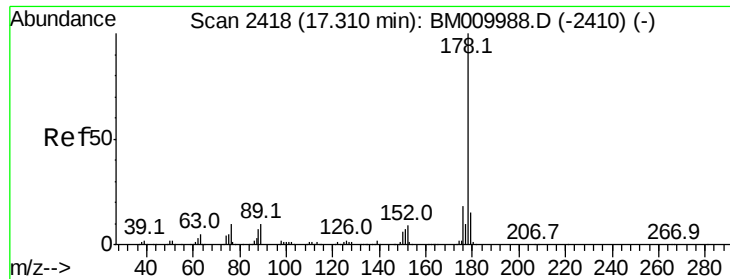
mohammad
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#70
 Phenanthrene
 Concen: 40.39 ng
 RT: 17.22 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1100047		
176	18.0		15.2	22.8
179	15.1		12.1	18.1





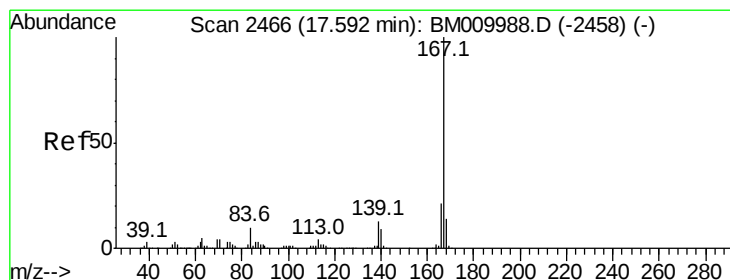
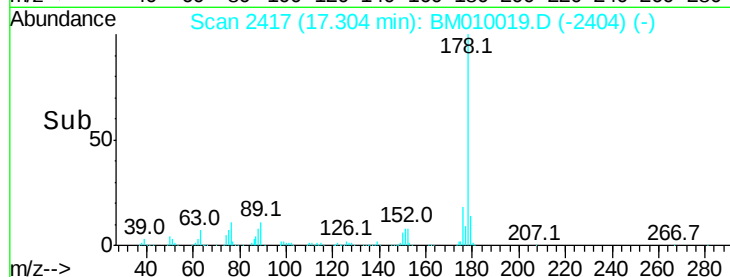
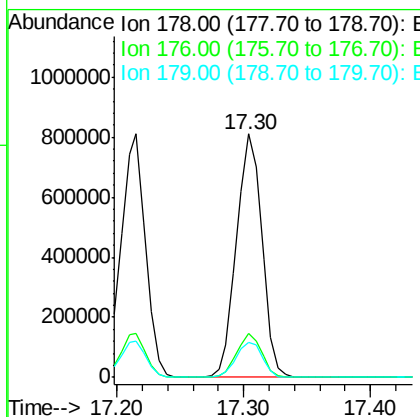
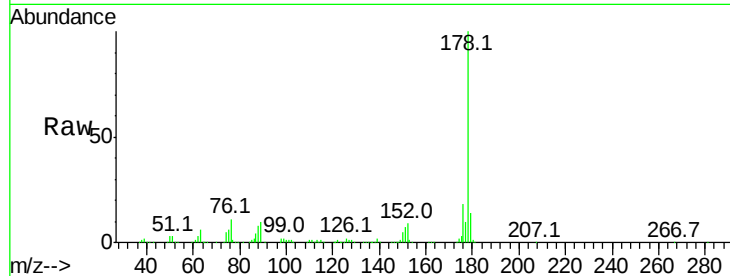
#71
 Anthracene
 Concen: 40.61 ng
 RT: 17.30 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	14.5	12.6	19.0

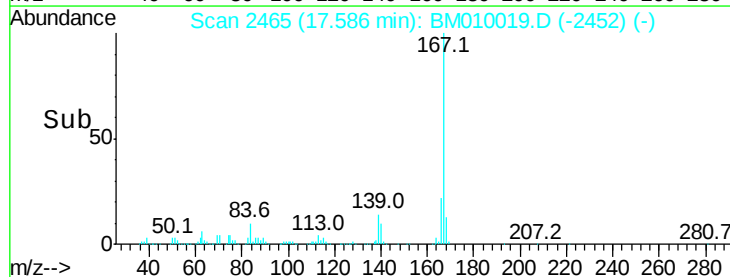
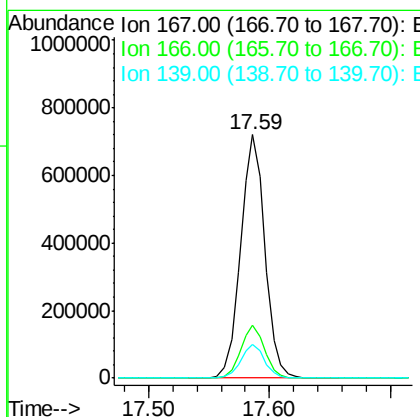
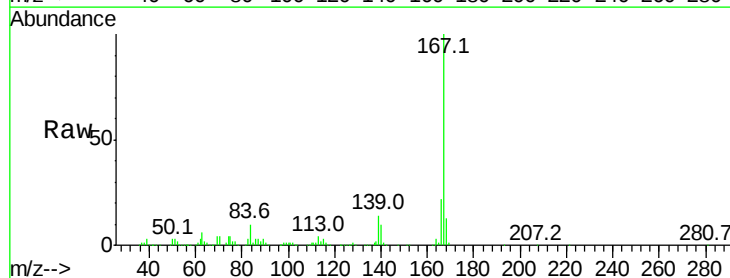
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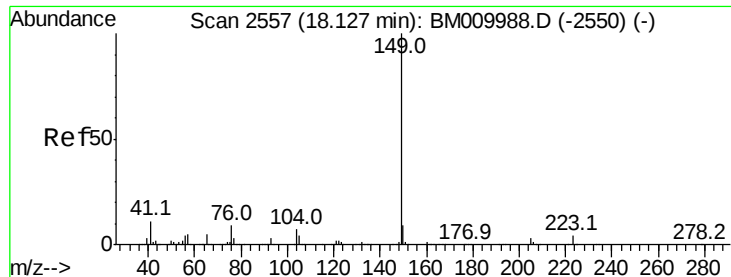
mohammad
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#72
 Carbazole
 Concen: 40.66 ng
 RT: 17.59 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	14.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 45.08 ng

RT: 18.12 min Scan# 2556

Delta R.T. -0.03 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

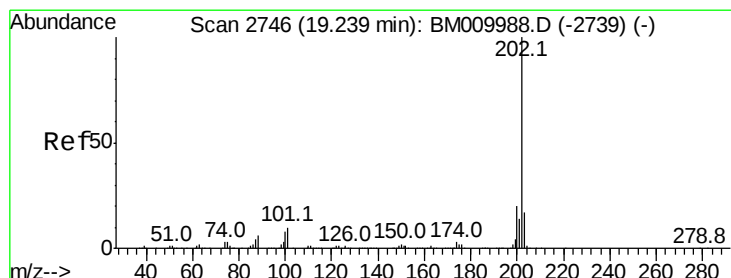
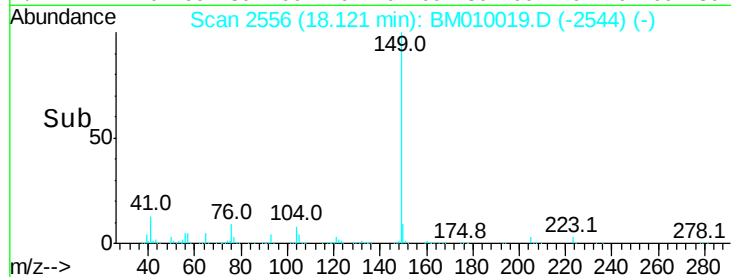
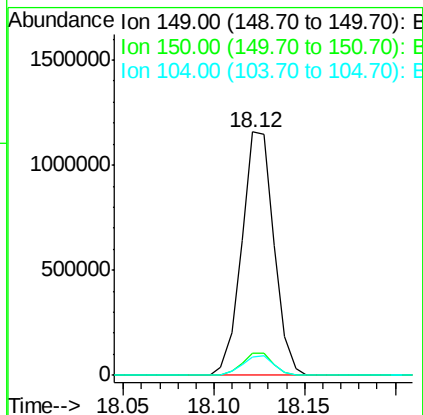
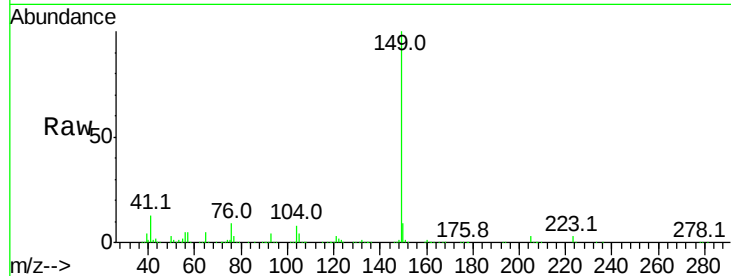
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	1421439
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	7.7	3.7	5.5

Manual Integrations
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#74

Fluoranthene

Concen: 39.35 ng

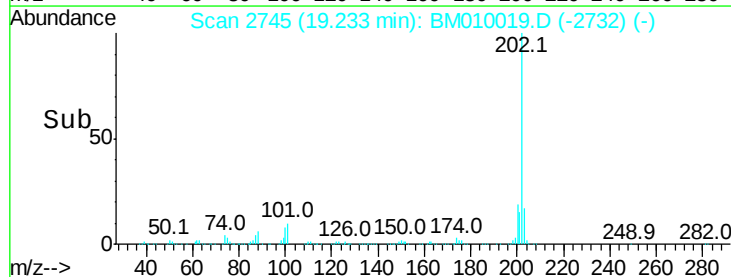
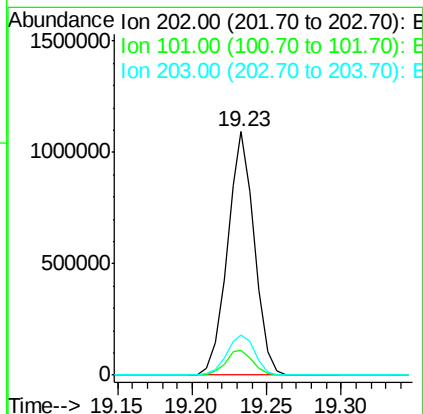
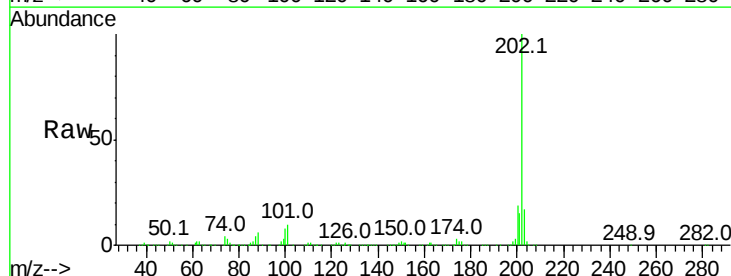
RT: 19.23 min Scan# 2745

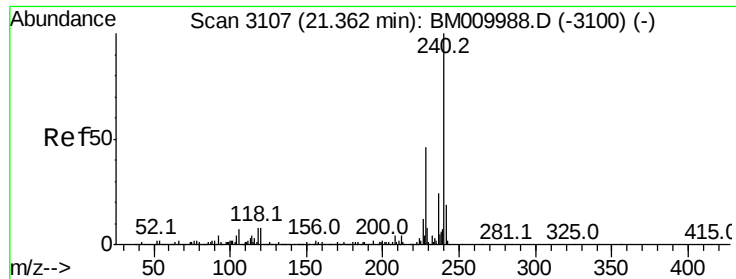
Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	202	Resp:	1374992
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.7
203	16.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

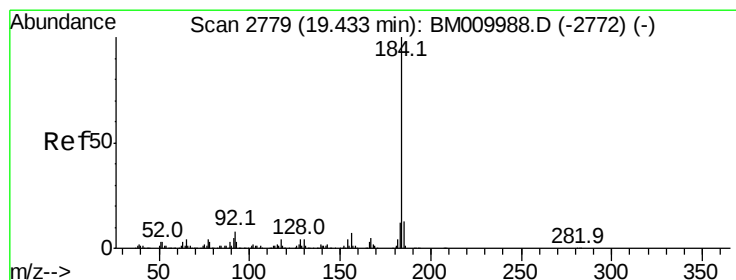
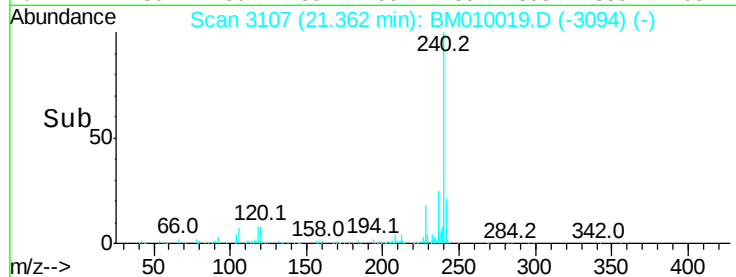
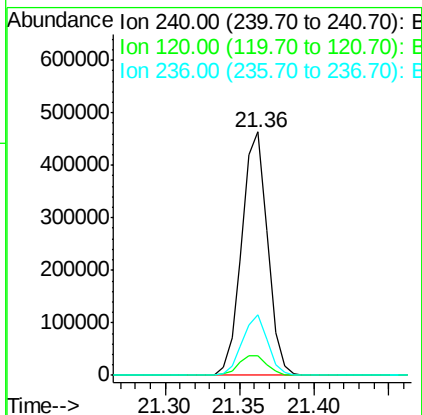
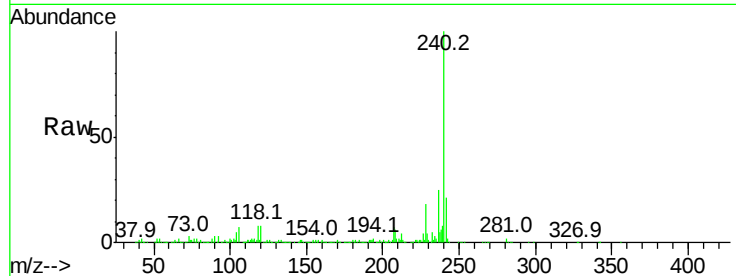
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
240	100	555160		
120	8.0		8.2	12.2#
236	24.7		20.0	30.0

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#76

Benzidine

Concen: 39.09 ng

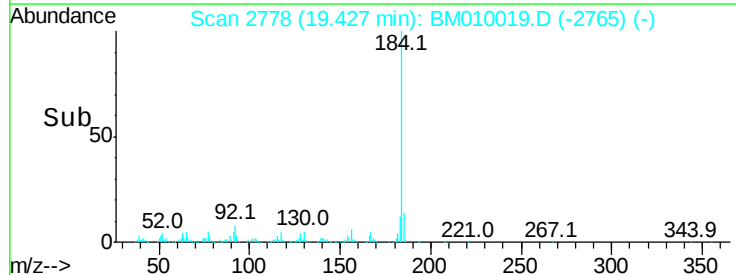
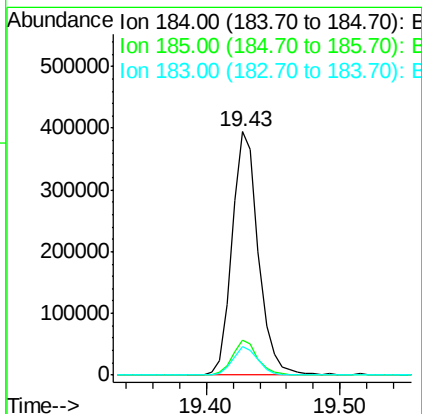
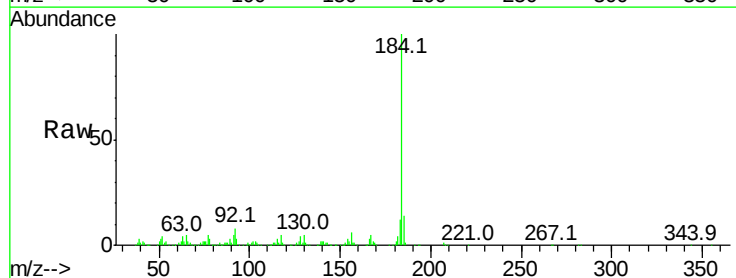
RT: 19.43 min Scan# 2778

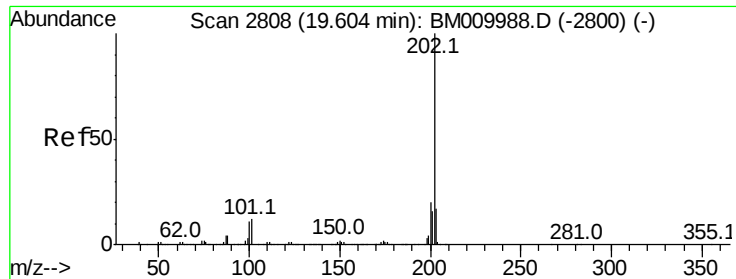
Delta R.T. -0.02 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	542537		
185	14.3		11.3	16.9
183	11.6		8.9	13.3





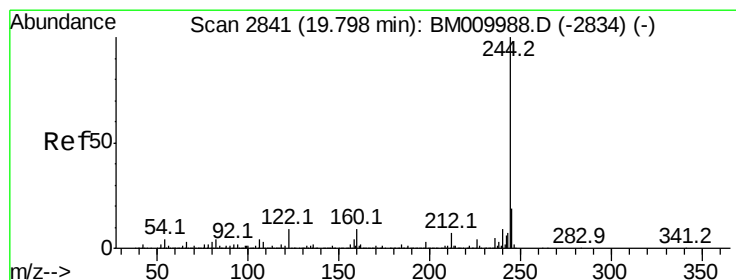
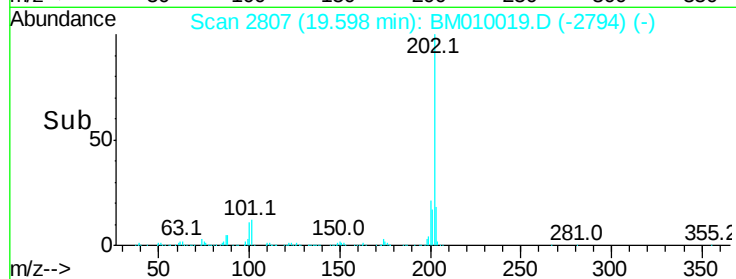
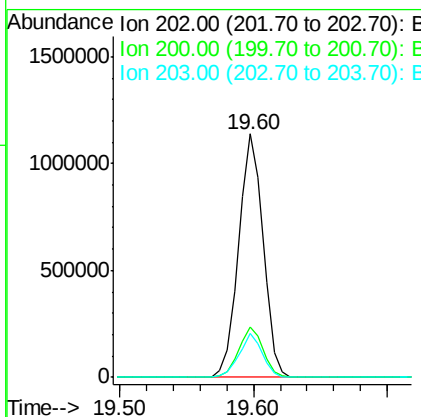
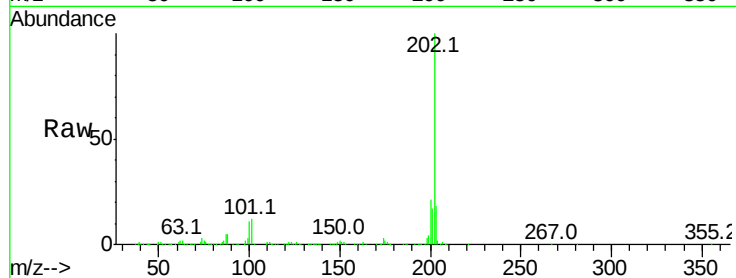
#77
Pvrene
Concen: 43.65 ng
RT: 19.60 min Scan# 2807
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	18.1	14.1	21.1

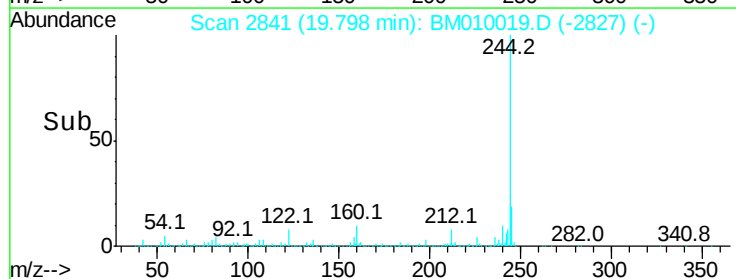
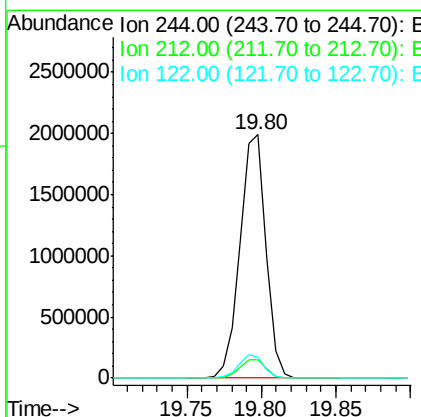
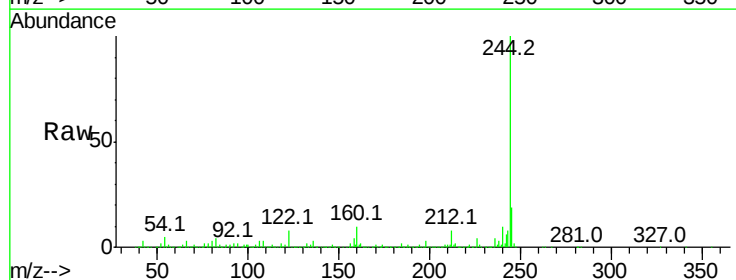
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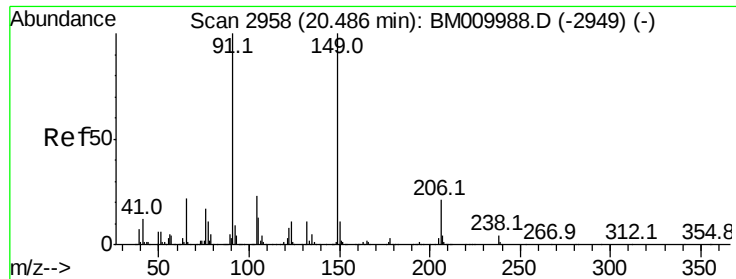
mohammad
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#78
Terphenyl-d14
Concen: 90.79 ng
RT: 19.80 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	8.5	6.2	9.4





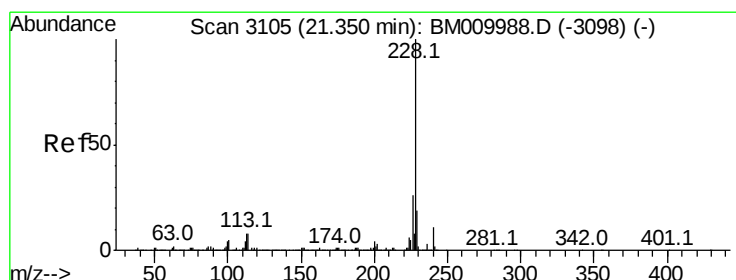
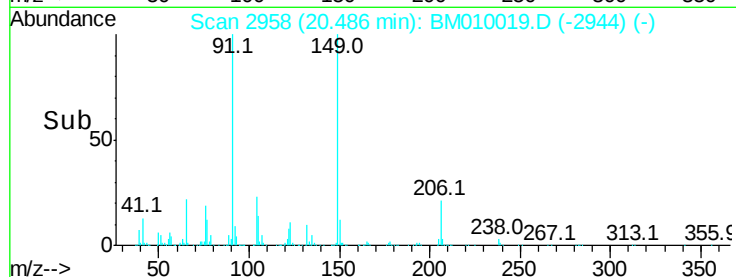
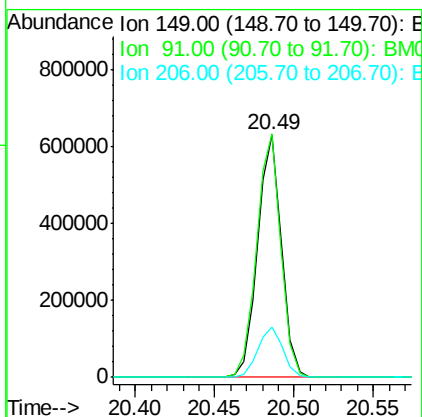
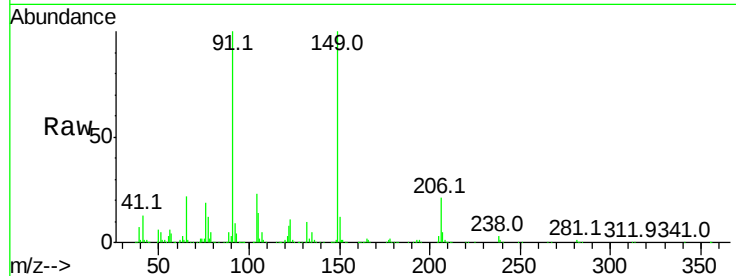
#79
Butylbenzylphthalate
Concen: 48.14 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	100.4	50.1	75.1#
206	20.9	16.2	24.2

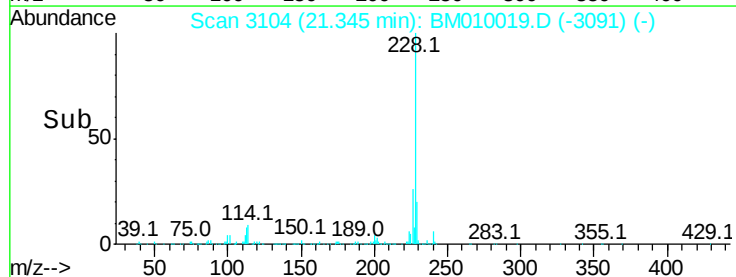
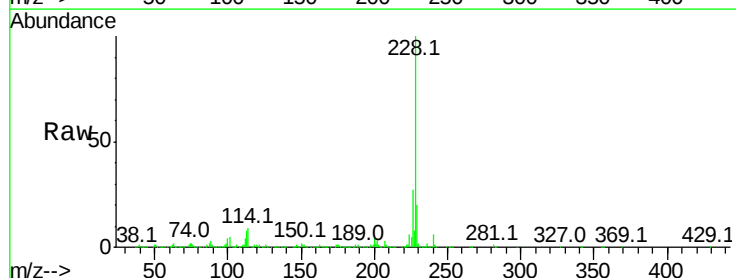
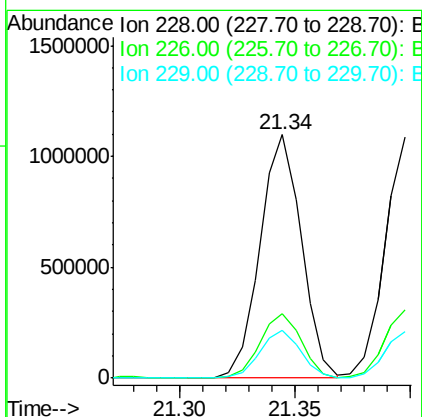
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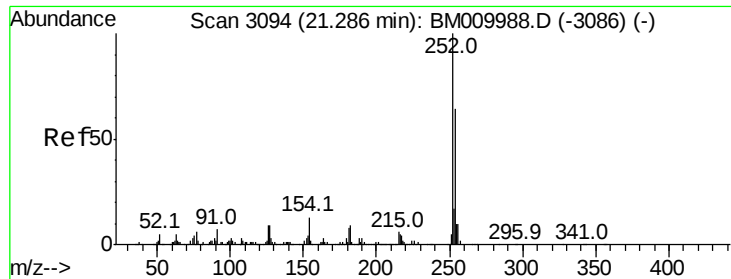
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#80
Benzo(a)anthracene
Concen: 40.89 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.6	16.0	24.0





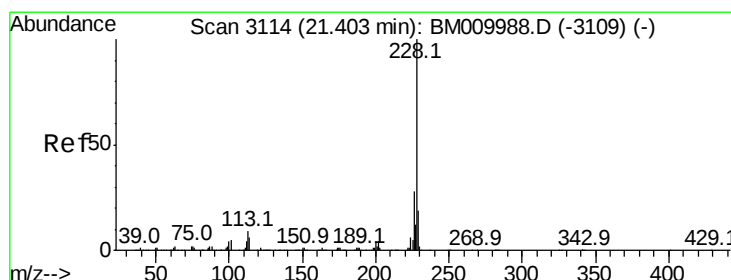
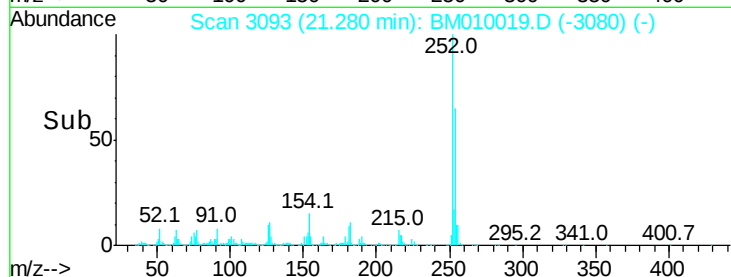
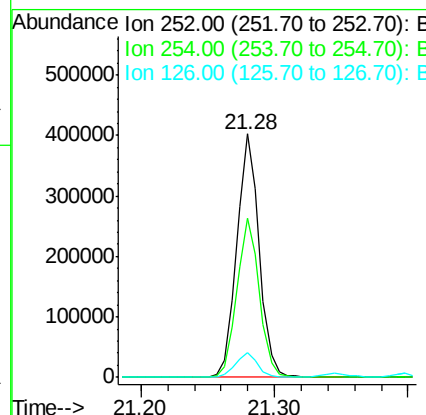
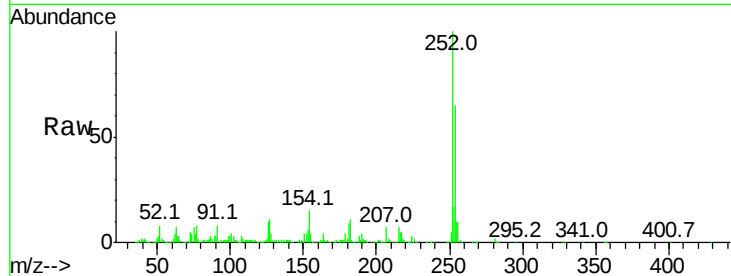
#81
 3,3'-Dichlorobenzidine
 Concen: 38.53 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	9.9	9.8	14.8

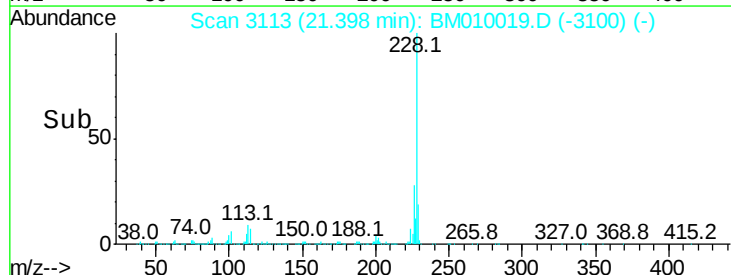
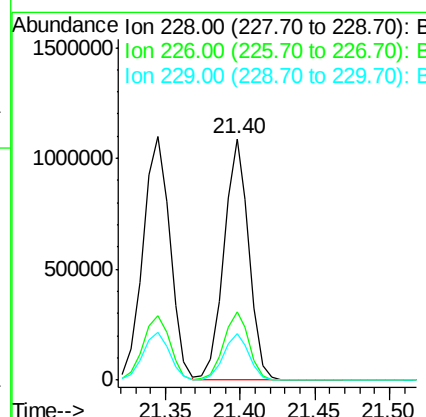
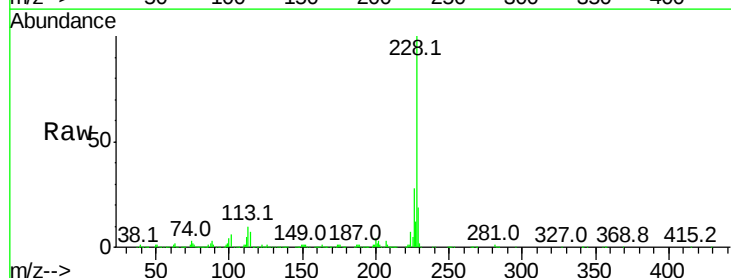
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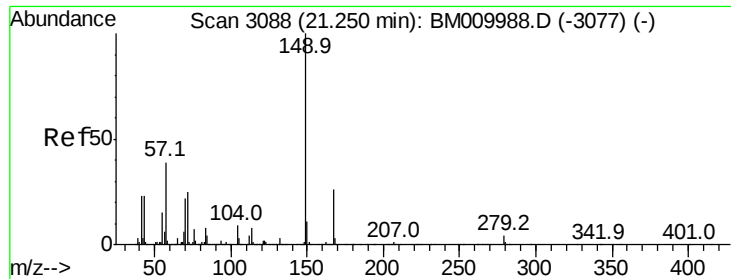
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#82
 Chrysene
 Concen: 40.69 ng
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.1	36.1
229	19.0	15.5	23.3





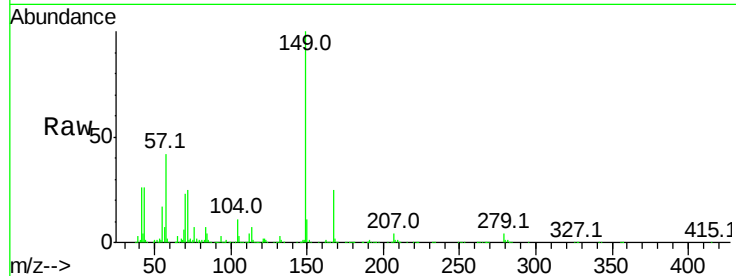
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.22 ng
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	990527		
167	25.3	22.4	33.6	
279	4.1	3.4	5.0	

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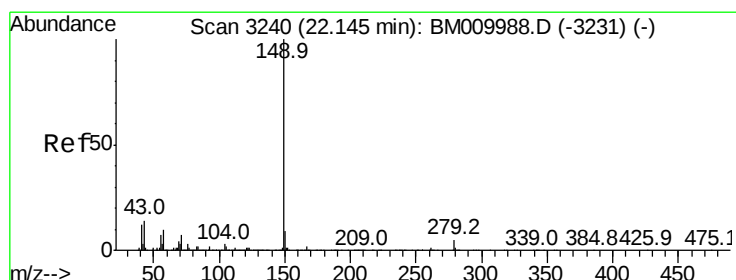
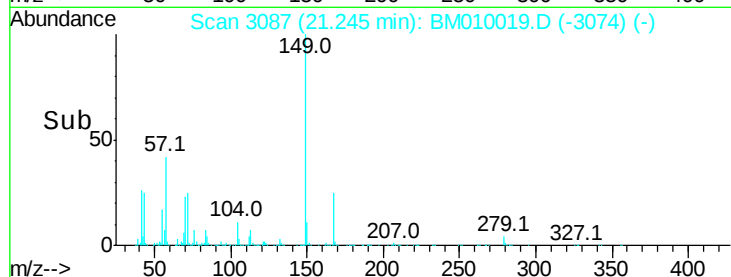
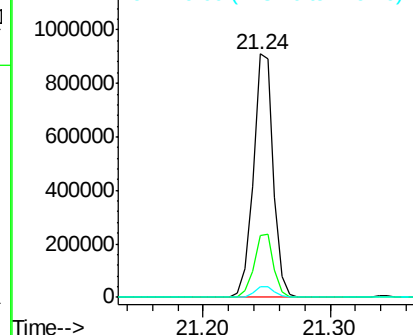


Abundance

Ion 149.00 (148.70 to 149.70): E

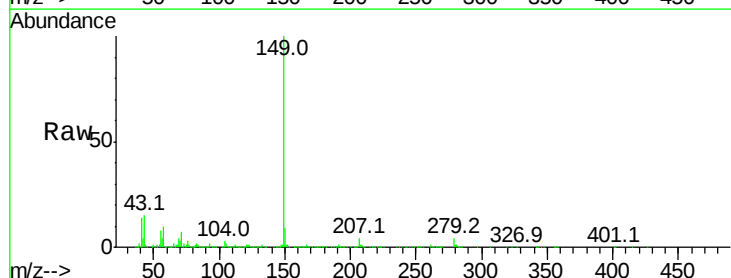
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 45.65 ng
 RT: 22.14 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1608771		
167	1.6	1.2	1.8	
43	16.3	7.3	10.9	

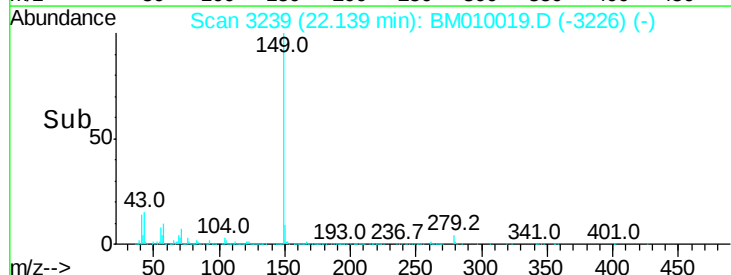
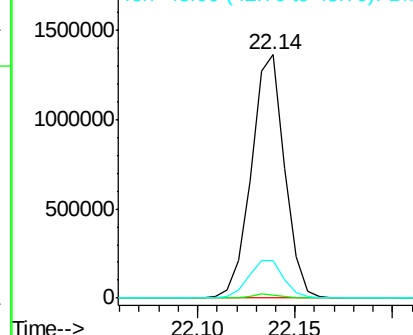


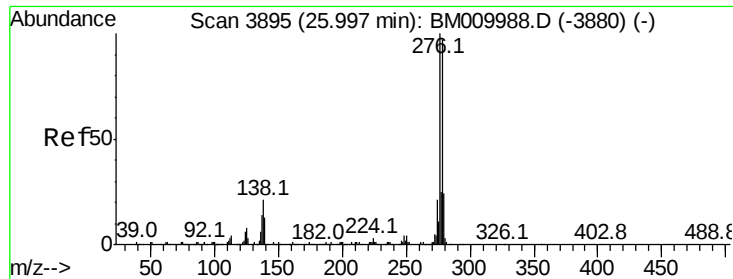
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





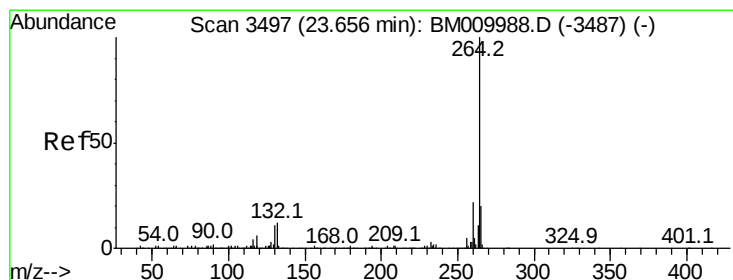
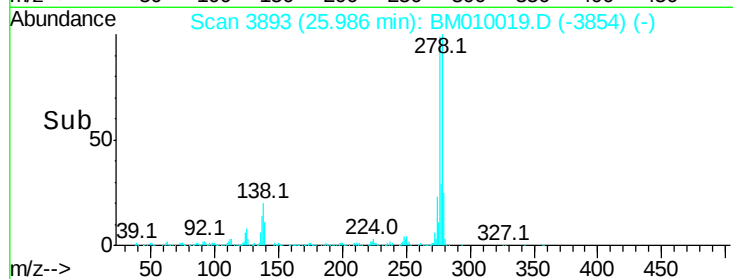
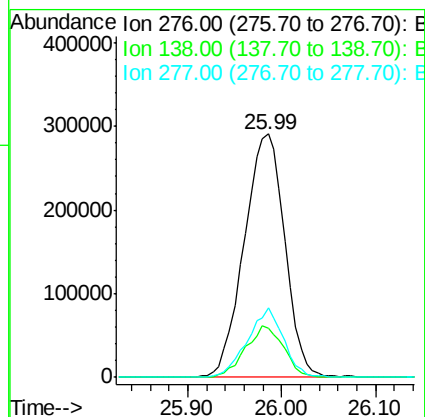
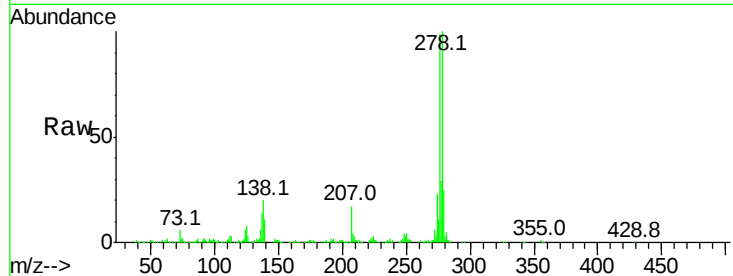
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.03 ng
RT: 25.99 min Scan# 3893
Delta R.T. -0.07 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	20.0	0.0	0.0	0.0
277	25.4	0.0	0.0	0.0

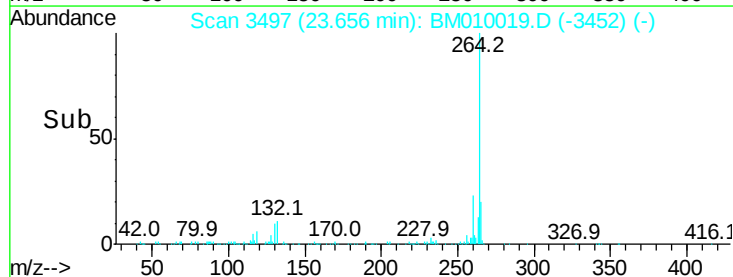
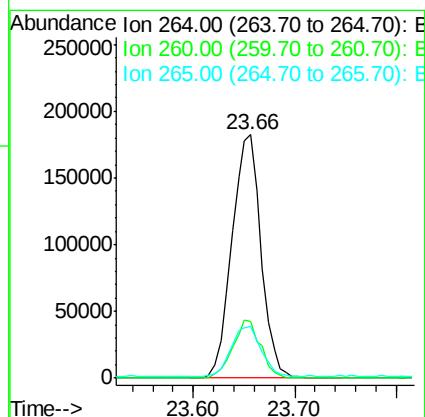
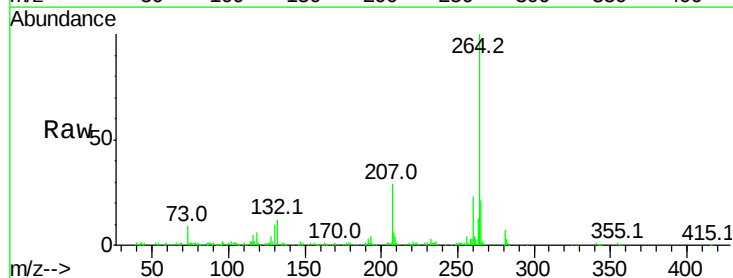
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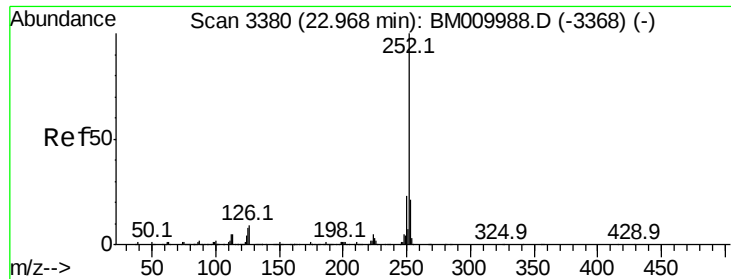
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3497
Delta R.T. -0.04 min
Lab File: BM010019.D
Acq: 12 May 2017 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.5	18.6	27.8	
265	21.3	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 44.78 ng

RT: 22.96 min Scan# 3379

Delta R.T. -0.04 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

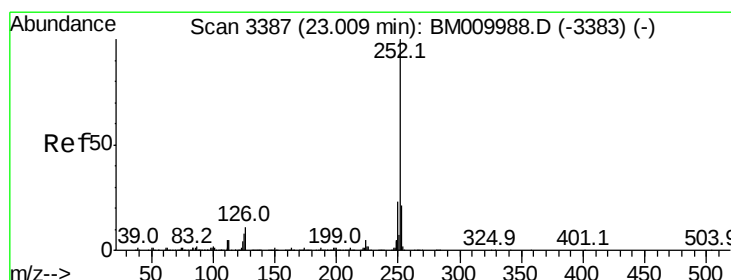
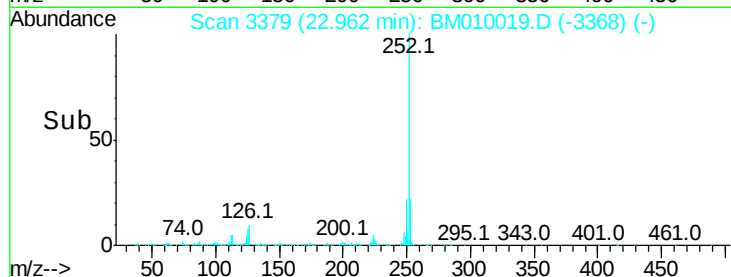
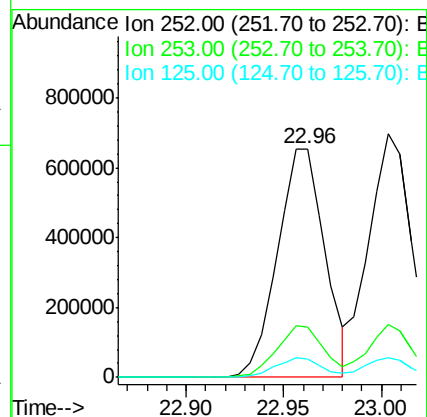
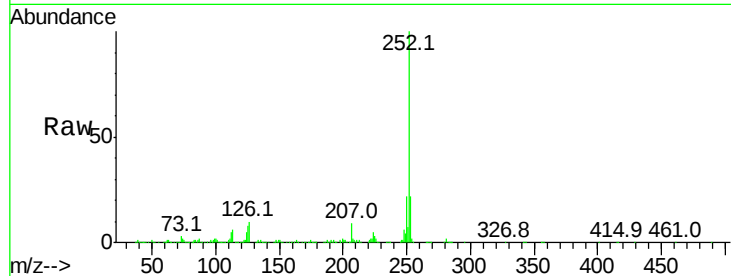
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	1100238
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	7.8	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 45.73 ng

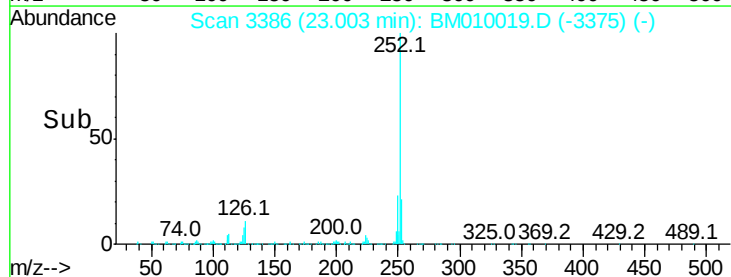
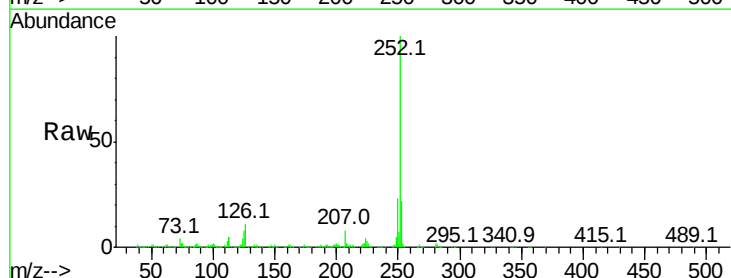
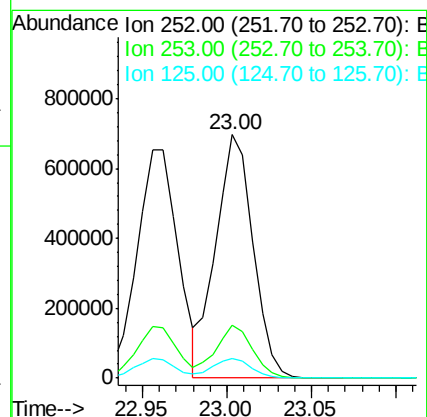
RT: 23.00 min Scan# 3386

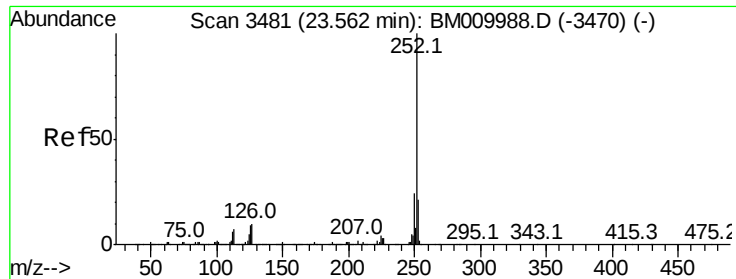
Delta R.T. -0.04 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	252	Resp:	1067688
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.9	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 41.28 ng

RT: 23.56 min Scan# 3480

Delta R.T. -0.04 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Instrument :

BNA_M

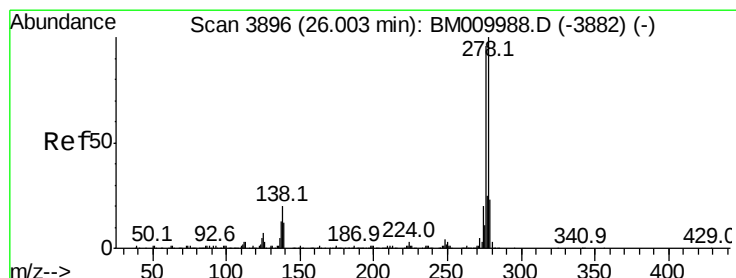
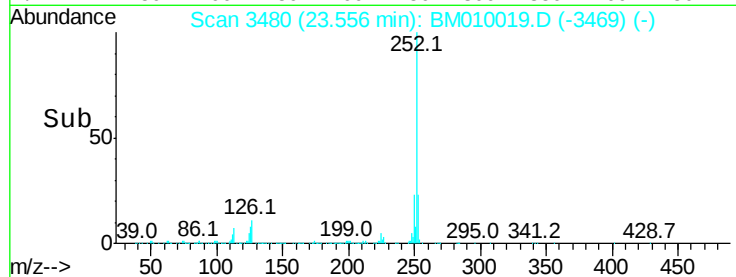
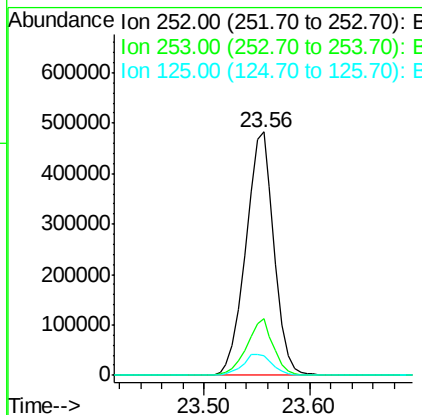
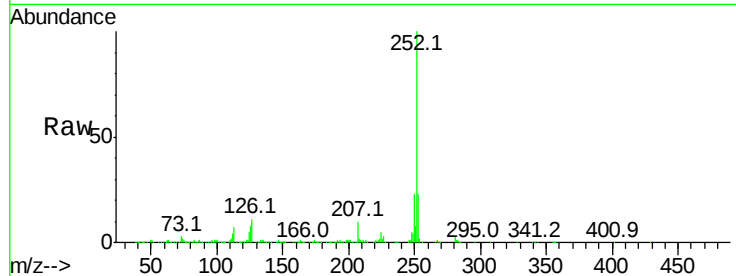
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	894214
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	8.0	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 40.11 ng

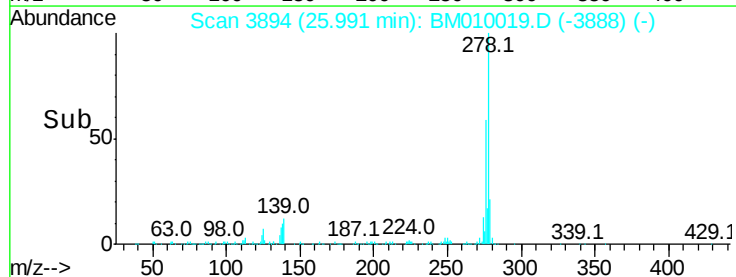
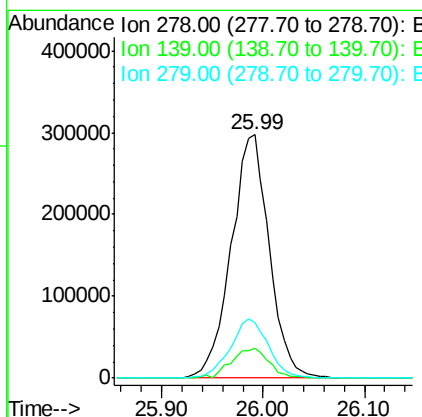
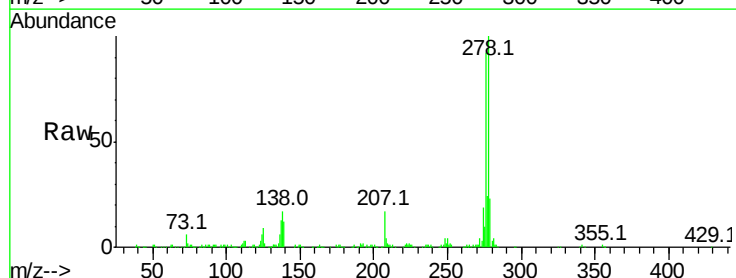
RT: 25.99 min Scan# 3894

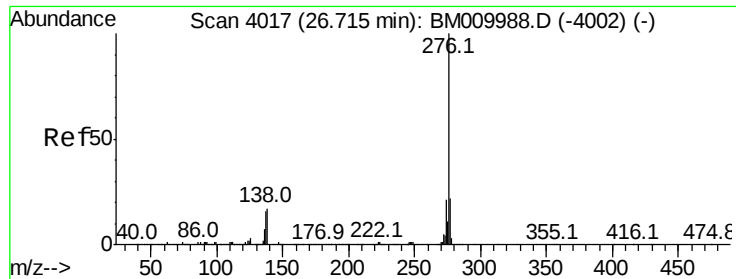
Delta R.T. -0.06 min

Lab File: BM010019.D

Acq: 12 May 2017 11:53

Tgt Ion:	278	Resp:	766720
Ion Ratio	Lower	Upper	
278	100		
139	12.2	13.4	20.0#
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.72 ng/ml
 RT: 26.70 min Scan# 4014
 Delta R.T. -0.08 min
 Lab File: BM010019.D
 Acq: 12 May 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	14.4	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:29 PM

