

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017958.D
 Acq On : 06 Dec 2018 05:38
 Operator : JU/SJ
 Sample : PB115363BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BS

Manual Integrations
 APPROVED

mohammad
 12/6/2018 12:20:34 PM

Quant Time: Dec 06 07:29:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	146123	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	536958	20.00	ng	-0.06
39) Acenaphthene-d10	14.21	164	270963	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	552531	20.00	ng	-0.05
76) Chrysene-d12	21.18	240	550873	20.00	ng	-0.04
87) Perylene-d12	23.36	264	557760	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	935445	108.04	ng	-0.05
7) Phenol-d6	6.76	99	1197945	99.06	ng	-0.05
23) Nitrobenzene-d5	8.72	82	733891	70.56	ng	-0.06
42) 2,4,6-Tribromophenol	15.72	330	408923	105.03	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1624529	77.78	ng	-0.05
79) Terphenyl-d14	19.62	244	1973273	81.19	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	116082	32.191	ng	# 86
3) Pyridine	3.57	79	325429	30.766	ng	85
4) n-Nitrosodimethylamine	3.49	42	140687	30.194	ng	# 79
6) Aniline	6.91	93	166075	11.075	ng	98
8) 2-Chlorophenol	7.13	128	365503	35.273	ng	92
9) Benzaldehyde	6.72	77	162961	18.499	ng	95
10) Phenol	6.78	94	416478	32.812	ng	95
11) bis(2-Chloroethyl)ether	7.00	93	324784	32.413	ng	94
12) 1,3-Dichlorobenzene	7.45	146	410398	35.301	ng	96
13) 1,4-Dichlorobenzene	7.60	146	413998	34.742	ng	98
14) 1,2-Dichlorobenzene	7.90	146	394881	34.175	ng	99
15) Benzyl Alcohol	7.81	79	292335	30.356	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	358410	23.493	ng	92
17) 2-Methylphenol	8.01	107	284893	33.318	ng	97
18) Hexachloroethane	8.62	117	150016	35.719	ng	97
19) n-Nitroso-di-n-propylamine	8.37	70	248794	28.653	ng	90
20) 3+4-Methylphenols	8.34	107	368832	31.046	ng	97
22) Acetophenone	8.39	105	504993	37.682	ng	# 93
24) Nitrobenzene	8.76	77	368204	34.891	ng	97
25) Isophorone	9.27	82	652989	40.647	ng	100
26) 2-Nitrophenol	9.46	139	185734	38.211	ng	97
27) 2,4-Dimethylphenol	9.53	122	300447	42.888	ng	97
28) bis(2-Chloroethoxy)methane	9.76	93	405760	37.293	ng	96
29) 2,4-Dichlorophenol	9.99	162	304435	37.436	ng	99
30) 1,2,4-Trichlorobenzene	10.20	180	332843	35.191	ng	95
31) Naphthalene	10.38	128	1046115	39.625	ng	100
32) Benzoic acid	9.68	122	180648m	28.467	ng	
33) 4-Chloroaniline	10.52	127	65646	5.678	ng	95
34) Hexachlorobutadiene	10.65	225	210133	35.788	ng	98
35) Caprolactam	11.30	113	87848m	29.334	ng	
36) 4-Chloro-3-methylphenol	11.64	107	315183	33.570	ng	97
37) 2-Methylnaphthalene	12.00	142	737874	39.545	ng	97
38) 1-Methylnaphthalene	12.22	142	693772	37.921	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	375126	39.260	ng	98

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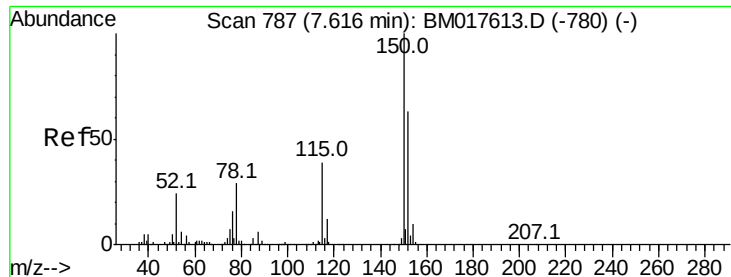
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	490508	99.347	nq	97
43) 2,4,6-Trichlorophenol	12.63	196	233933	39.087	nq	98
44) 2,4,5-Trichlorophenol	12.70	196	245750	38.889	nq	98
46) 1,1'-Biphenyl	13.03	154	901904	37.082	nq	100
47) 2-Chloronaphthalene	13.07	162	687248	38.069	nq	98
48) 2-Nitroaniline	13.30	65	183069	32.791	nq	91
49) Acenaphthylene	13.93	152	1090449	40.203	nq	100
50) Dimethylphthalate	13.68	163	801323	36.374	nq	99
51) 2,6-Dinitrotoluene	13.80	165	180190	36.731	nq	96
52) Acenaphthene	14.27	154	643365	38.650	nq	96
53) 3-Nitroaniline	14.15	138	47274	8.851	nq	96
54) 2,4-Dinitrophenol	14.36	184	131196	47.029	nq	94
55) Dibenzofuran	14.62	168	1005861	36.977	nq	98
56) 4-Nitrophenol	14.46	139	265748	60.484	nq	96
57) 2,4-Dinitrotoluene	14.60	165	241861	36.575	nq	98
58) Fluorene	15.27	166	799157	38.375	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.85	232	218896	37.661	nq	99
60) Diethylphthalate	15.06	149	802098	33.697	nq	99
61) 4-Chlorophenyl-phenylether	15.27	204	404965	34.227	nq	98
62) 4-Nitroaniline	15.32	138	130955	26.016	nq	97
63) Azobenzene	15.56	77	745418	33.876	nq	95
65) 4,6-Dinitro-2-methylphenol	15.37	198	114187	29.832	nq	92
66) n-Nitrosodiphenylamine	15.49	169	689544	38.816	nq	99
67) 4-Bromophenyl-phenylether	16.16	248	247653	37.898	nq	96
68) Hexachlorobenzene	16.27	284	273998	37.194	nq	97
69) Atrazine	16.45	200	234963	35.961	nq	97
70) Pentachlorophenol	16.62	266	319970	61.989	nq	99
71) Phenanthrene	17.01	178	1185754	39.549	nq	99
72) Anthracene	17.10	178	1206751	41.363	nq	99
73) Carbazole	17.39	167	1050722	35.641	nq	98
74) Di-n-butylphthalate	17.95	149	1274233	38.828	nq	98
75) Fluoranthene	19.04	202	1310847	38.642	nq	99
77) Benzidine	19.24	184	401753	22.396	nq	99
78) Pyrene	19.40	202	1342443	39.496	nq	99
80) Butylbenzylphthalate	20.32	149	554057	40.134	nq	98
81) Benzo(a)anthracene	21.16	228	1276778	40.230	nq	99
82) 3,3'-Dichlorobenzidine	21.11	252	252248	20.594	nq	96
83) Chrysene	21.22	228	1202609	39.014	nq	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	802506	39.322	nq	99
85) Di-n-octyl phthalate	21.97	149	1377411	42.149	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.52	276	1455941	59.107	nq	99
88) Benzo(b)fluoranthene	22.71	252	1281506	39.233	nq	100
89) Benzo(k)fluoranthene	22.76	252	1202768	36.431	nq	99
90) Benzo(a)pyrene	23.26	252	1216302	40.839	nq	99
91) Dibenzo(a,h)anthracene	25.53	278	1248060	49.845	nq	100
92) Benzo(g,h,i)perylene	26.19	276	1221245	51.867	nq	99

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



#1

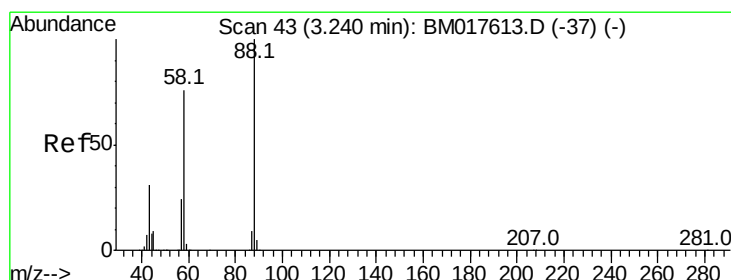
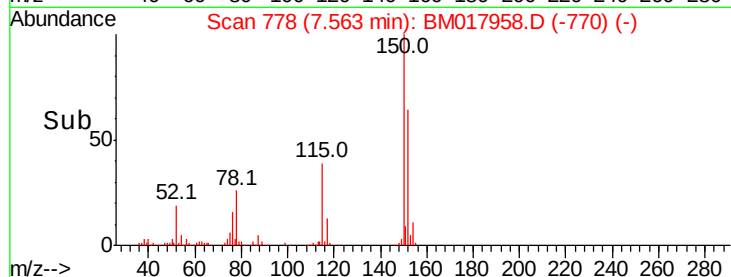
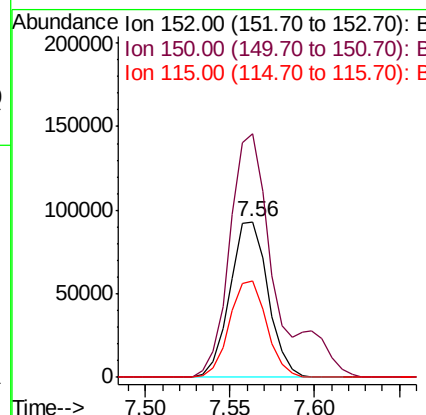
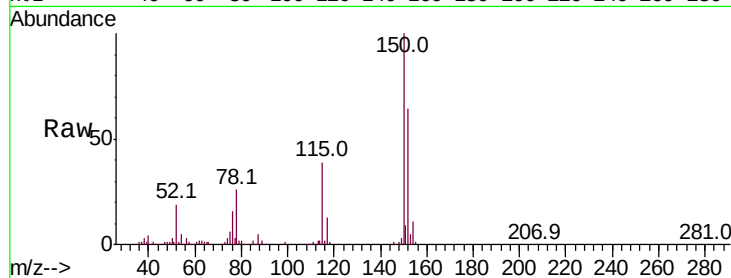
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.4	189.6
115	61.7	49.4	74.0

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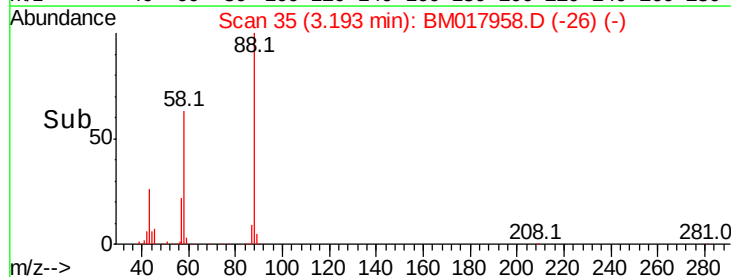
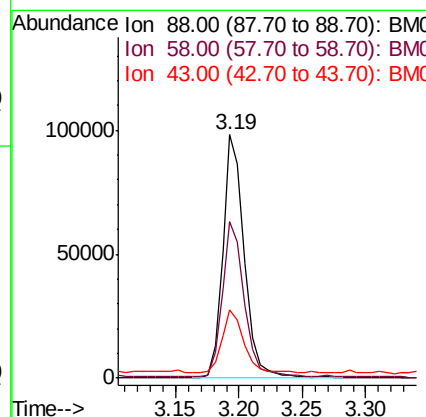
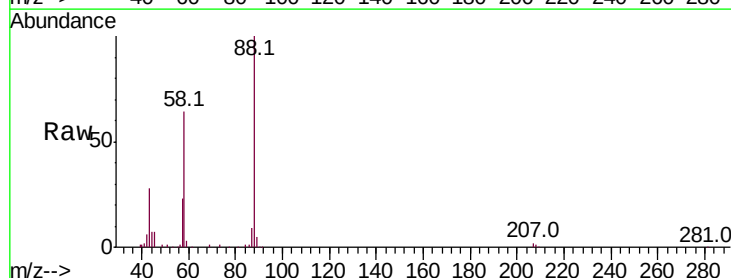
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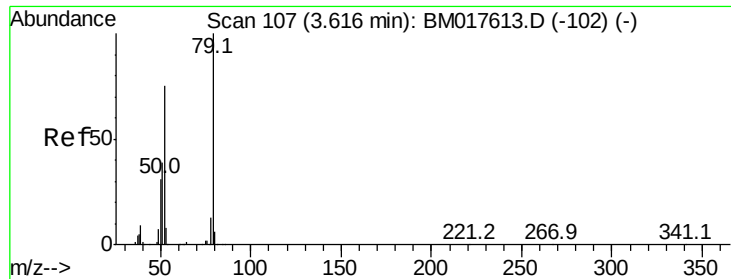


#2

1,4-Dioxane
Concen: 32.191 ng
RT: 3.19 min Scan# 35
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	62.0	93.0
43	26.3	26.8	40.2





#3

Pvridine

Concen: 30.766 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

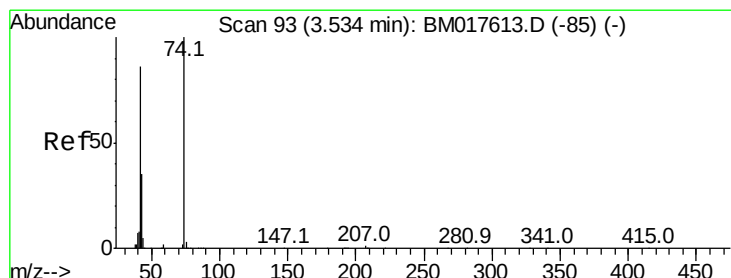
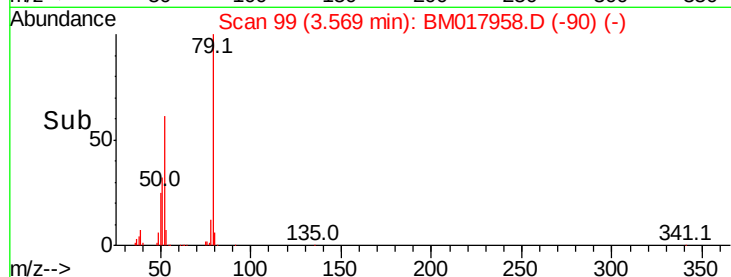
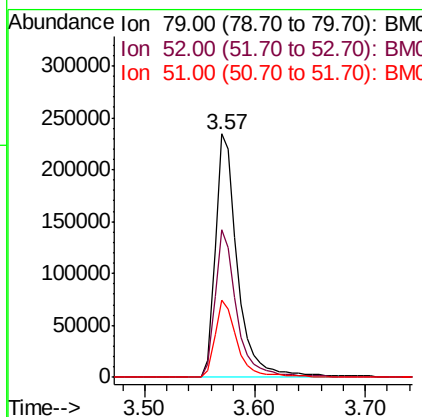
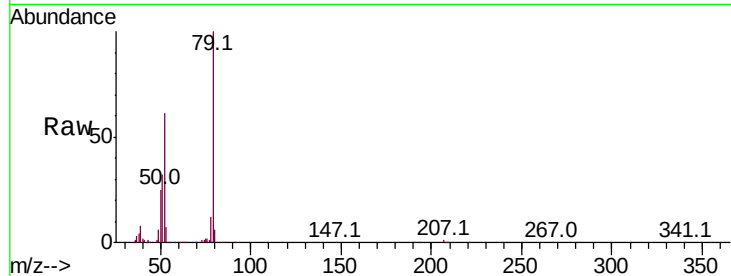
ClientSampleId :

PB115363BS

Tot Ion:	79	Resp:	325429
Ion Ratio	Lower	Upper	
79	100		
52	60.8	60.1	90.1
51	32.0	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 30.194 ng

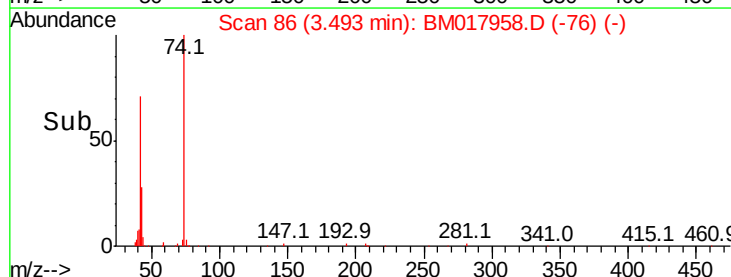
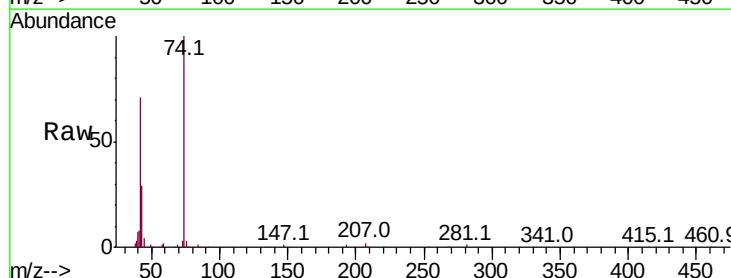
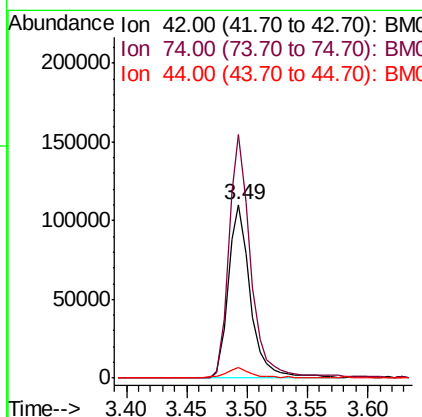
RT: 3.49 min Scan# 86

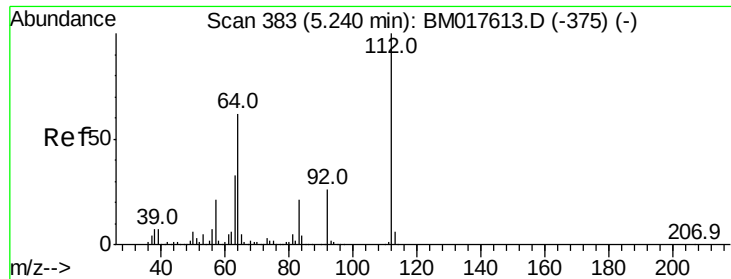
Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	42	Resp:	140687
Ion Ratio	Lower	Upper	
42	100		
74	140.4	93.1	139.7#
44	6.1	5.0	7.6





#5

2-Fluorophenol

Concen: 108.039 ng

RT: 5.19 min Scan# 375

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

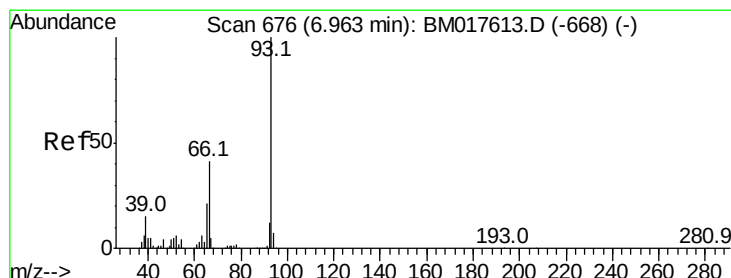
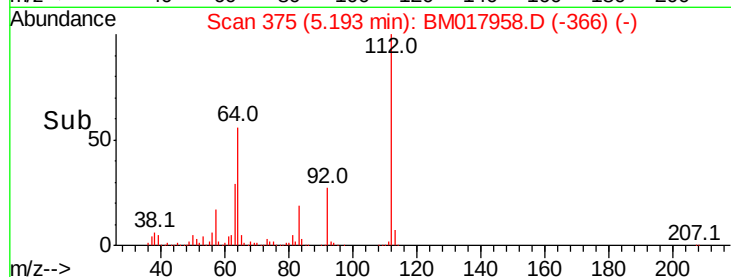
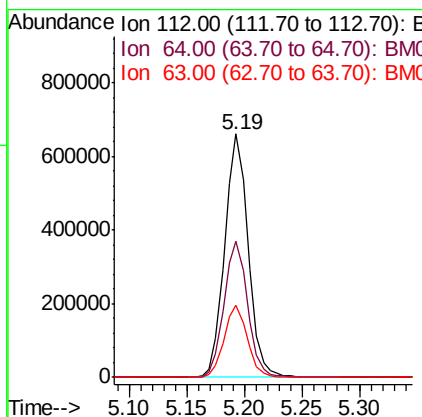
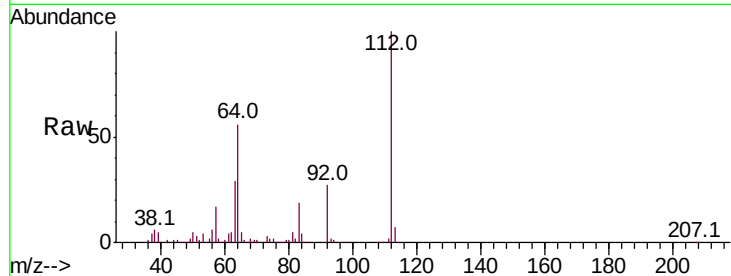
ClientSampleId :

PB115363BS

Tot Ion:	112	Resp:	935445
Ion Ratio	Lower	Upper	
112	100		
64	55.8	49.3	73.9
63	29.5	26.2	39.4

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#6

Aniline

Concen: 11.075 ng

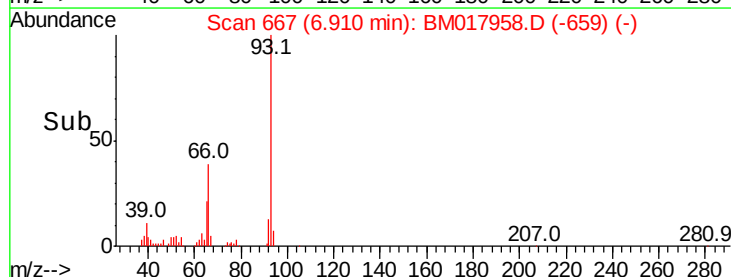
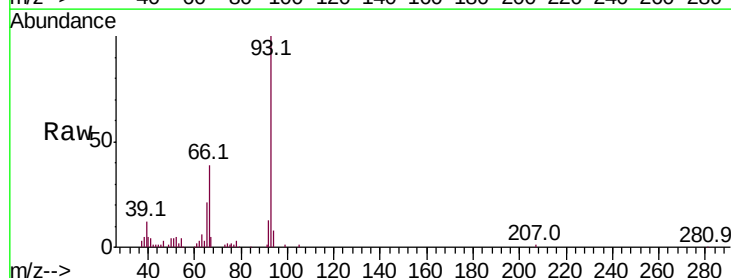
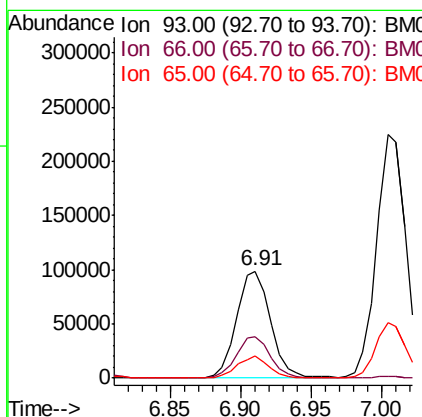
RT: 6.91 min Scan# 667

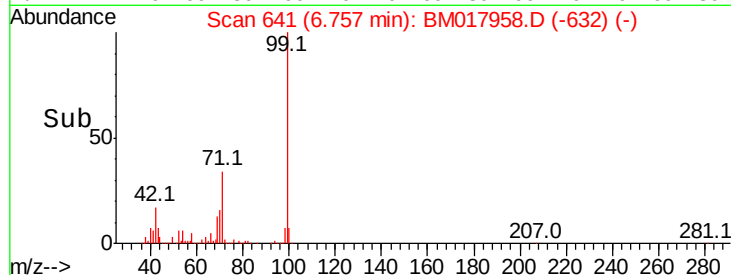
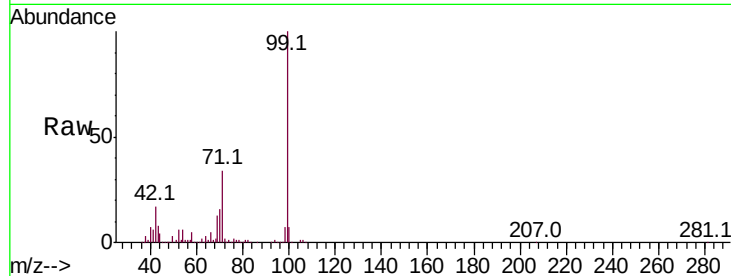
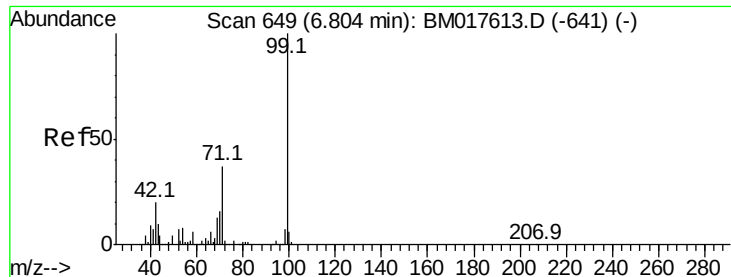
Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	93	Resp:	166075
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.8	49.2
65	20.6	16.6	25.0





#7

Phenol-d6

Concen: 99.064 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tot Ion: 99 Resp: 1197945

Ion Ratio Lower Upper

99 100

42 16.5 16.3 24.5

71 34.3 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

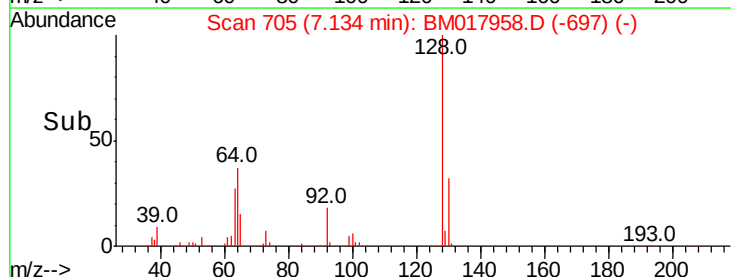
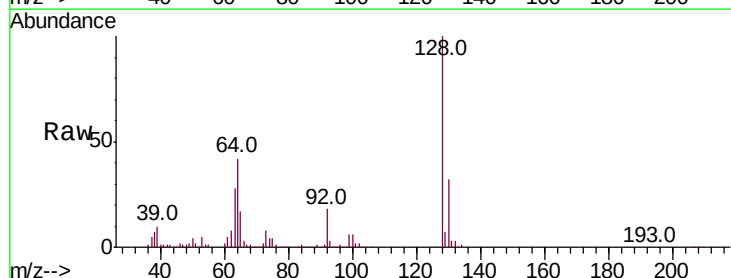
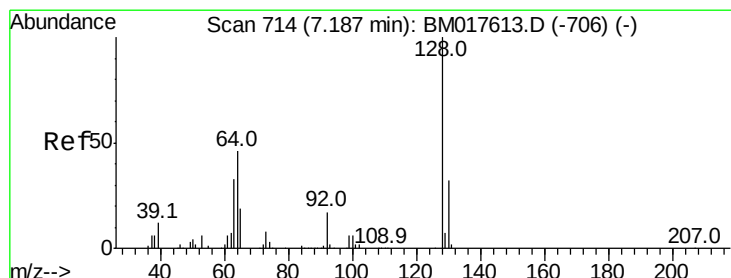
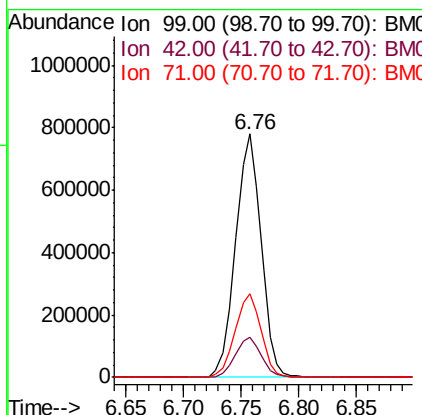
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#8

2-Chlorophenol

Concen: 35.273 ng

RT: 7.13 min Scan# 705

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

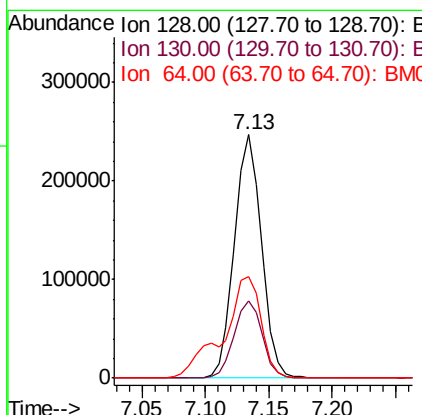
Tgt Ion: 128 Resp: 365503

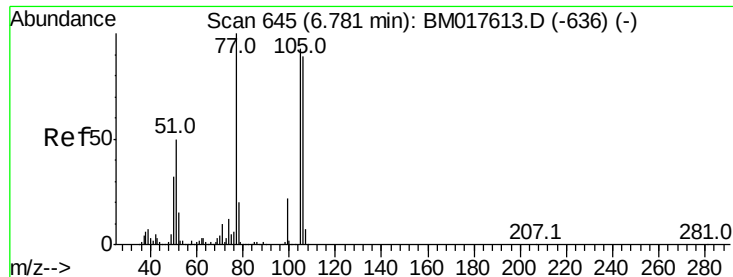
Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

64 41.8 30.0 70.0





#9

Benzaldehyde

Concen: 18.499 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.06 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

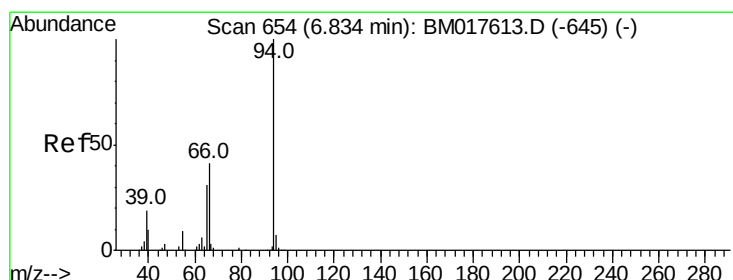
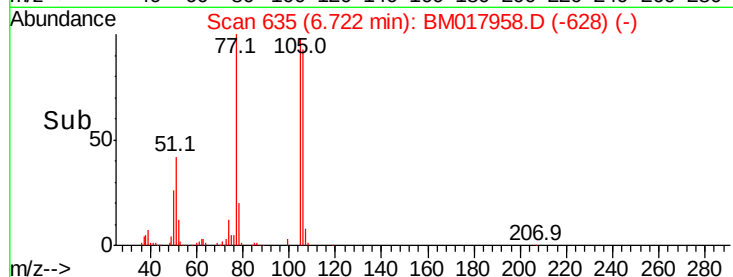
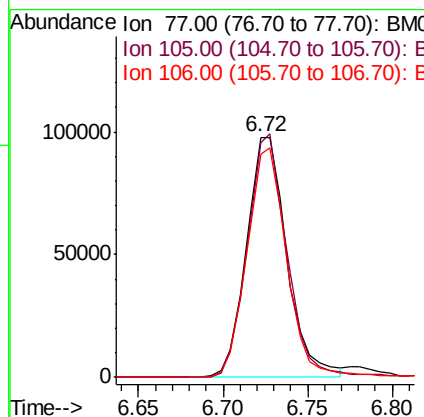
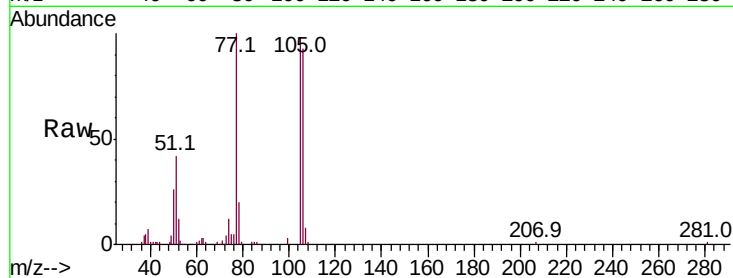
ClientSampled :

PB115363BS

Tot Ion:	77	Resp:	162961
Ion	Ratio	Lower	Upper
77	100		
105	97.7	72.7	112.7
106	92.9	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 32.812 ng

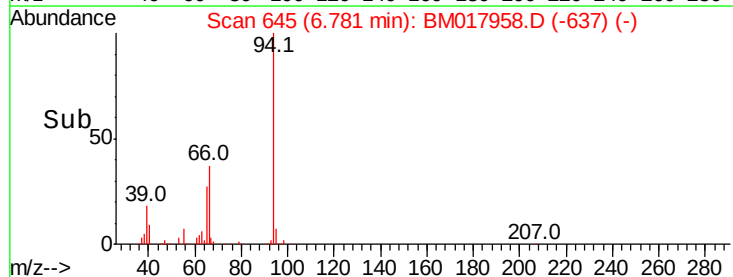
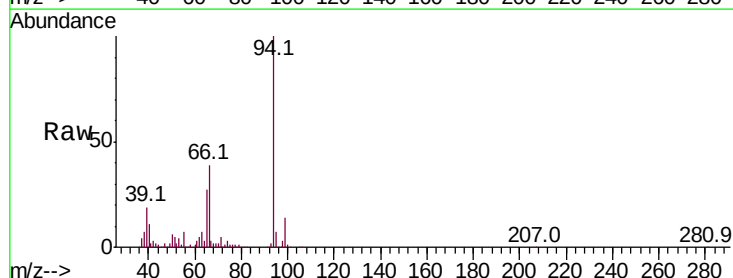
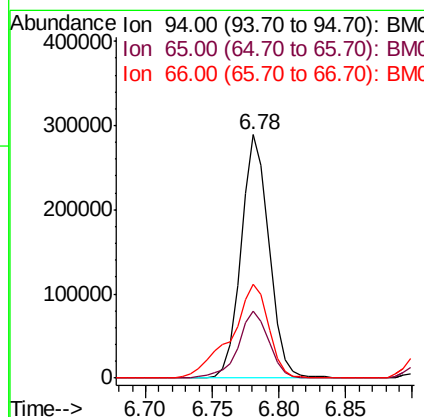
RT: 6.78 min Scan# 645

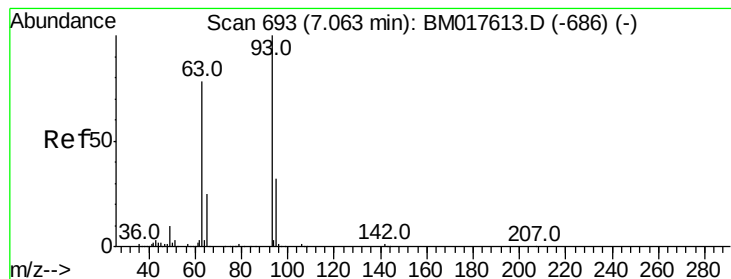
Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	94	Resp:	416478
Ion	Ratio	Lower	Upper
94	100		
65	27.5	11.4	51.4
66	38.8	21.4	61.4





#11

bis(2-Chloroethyl)ether

Concen: 32.413 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.06 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

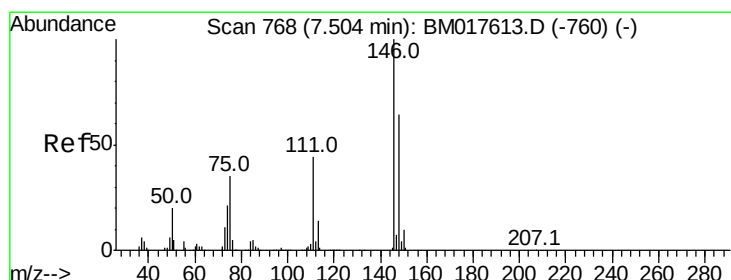
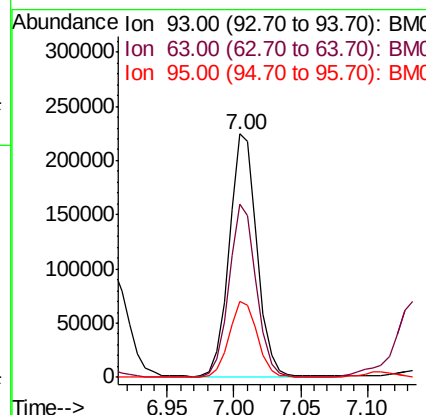
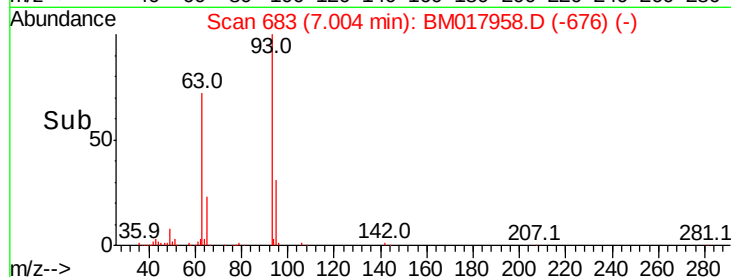
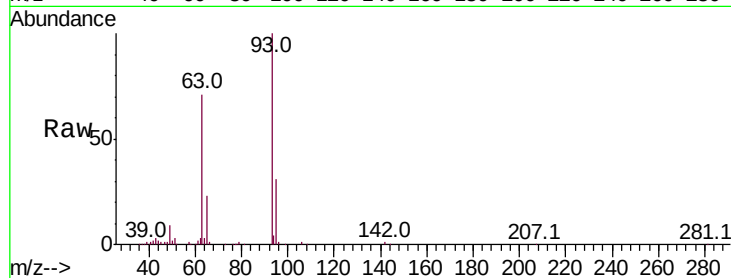
ClientSampleId :

PB115363BS

Tot Ion:	93	Resp:	324784
Ion Ratio	Lower	Upper	
93	100		
63	71.2	57.9	97.9
95	31.3	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 35.301 ng

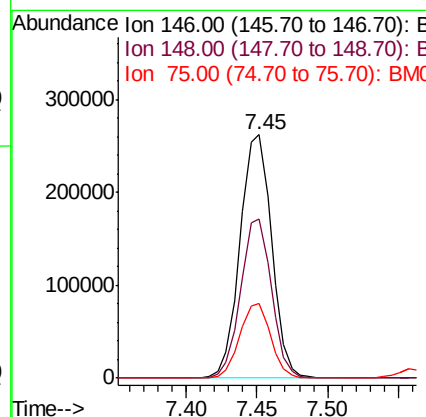
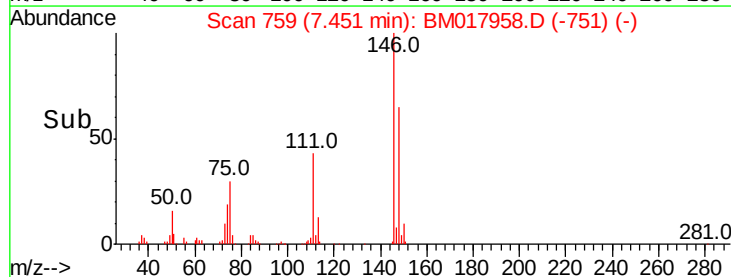
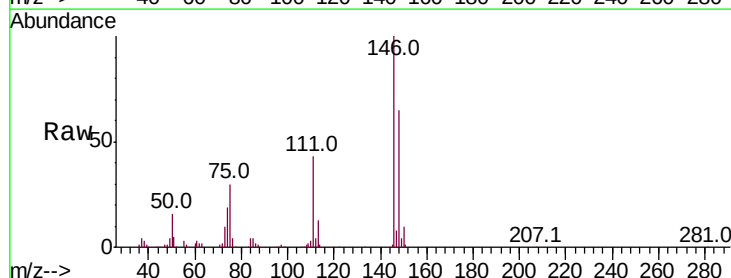
RT: 7.45 min Scan# 759

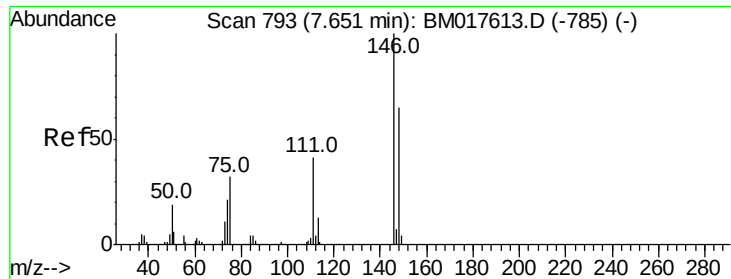
Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	146	Resp:	410398
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.2	76.8
75	30.5	28.2	42.2





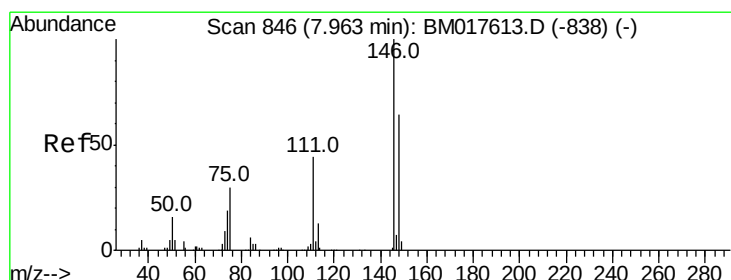
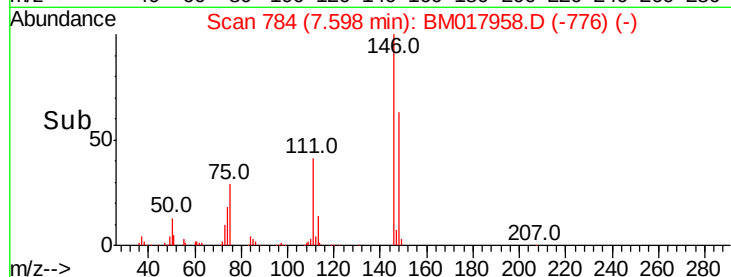
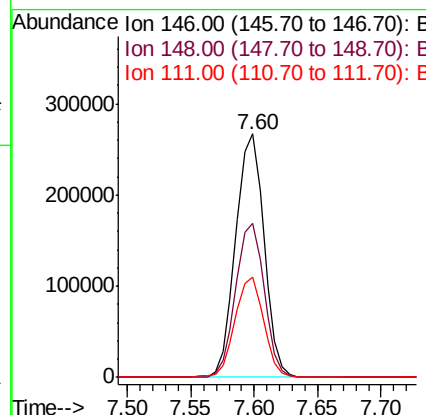
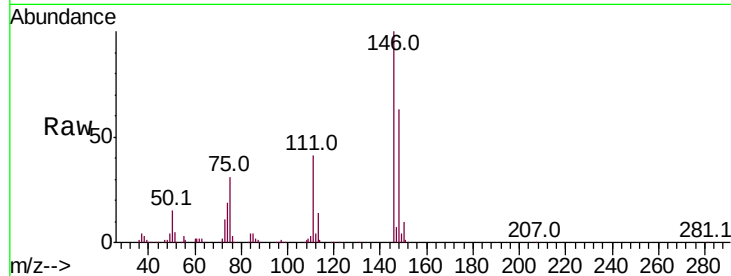
#13
1,4-Dichlorobenzene
Concen: 34.742 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.0	78.0
111	41.2	33.2	49.8

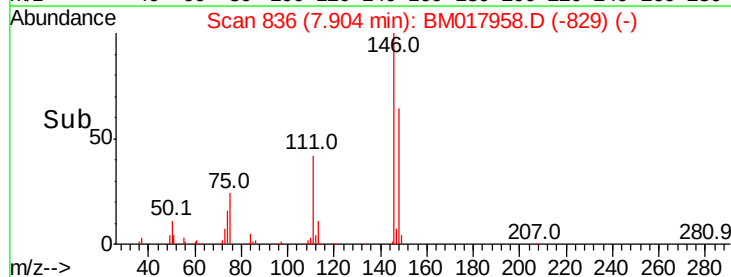
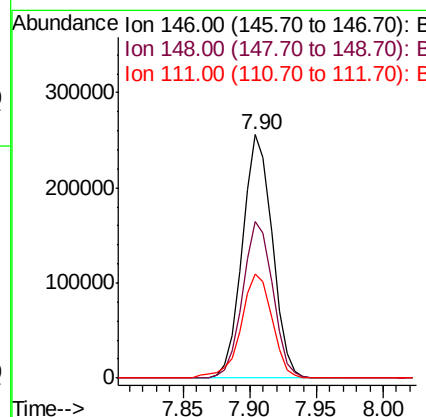
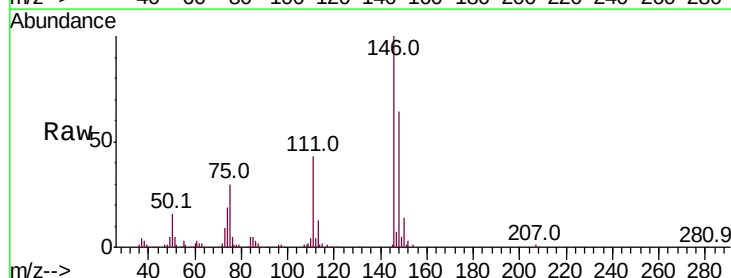
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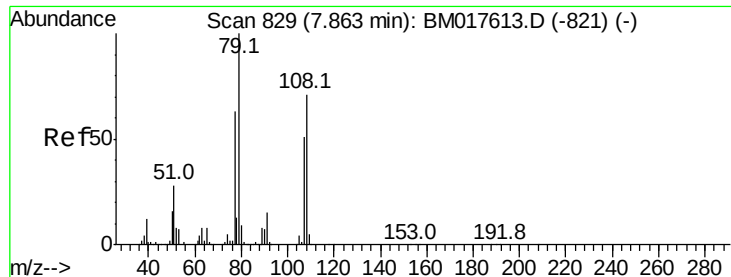
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#14
1,2-Dichlorobenzene
Concen: 34.175 ng
RT: 7.90 min Scan# 836
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	43.0	35.8	53.8





#15

Benzyl Alcohol

Concen: 30.356 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

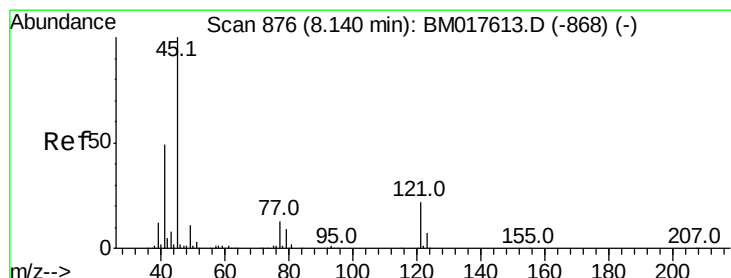
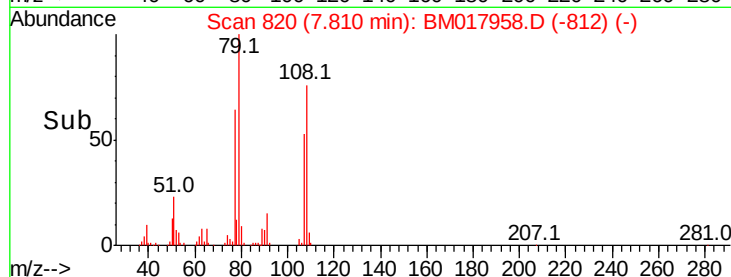
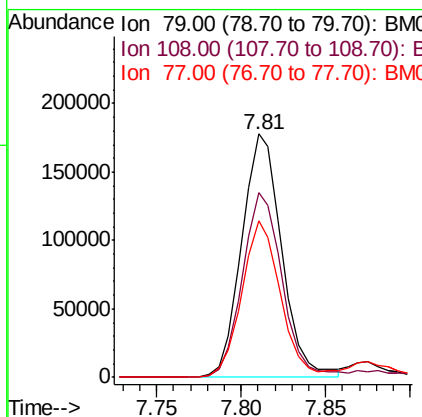
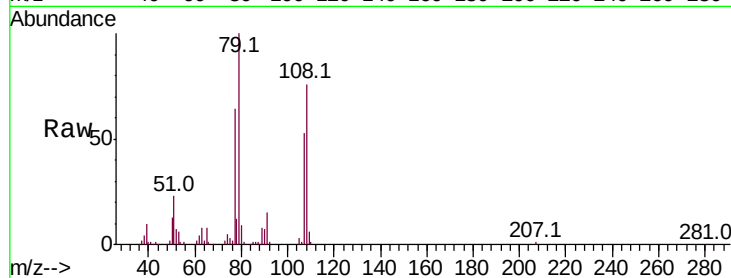
ClientSampleId :

PB115363BS

Tot Ion:	79	Resp:	292335
Ion Ratio	Lower	Upper	
79	100		
108	75.7	57.1	85.7
77	64.2	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.493 ng

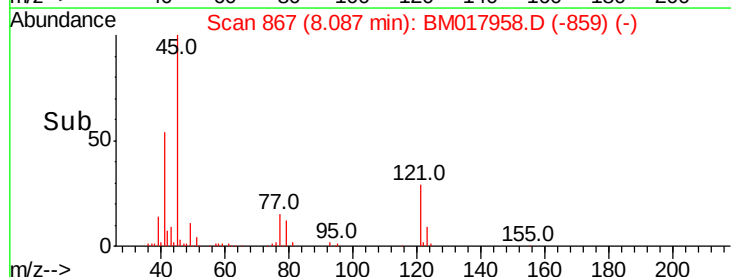
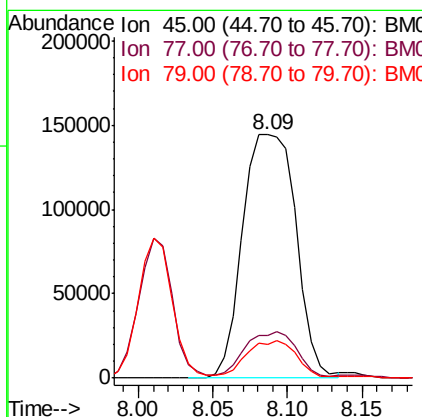
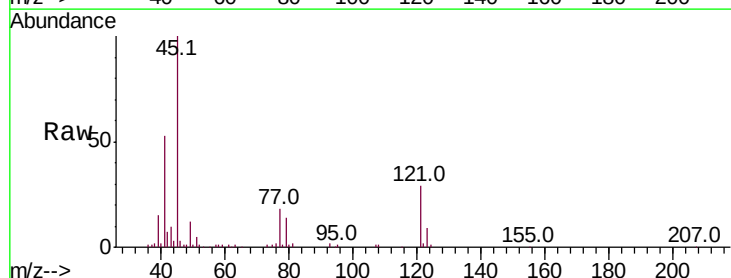
RT: 8.09 min Scan# 867

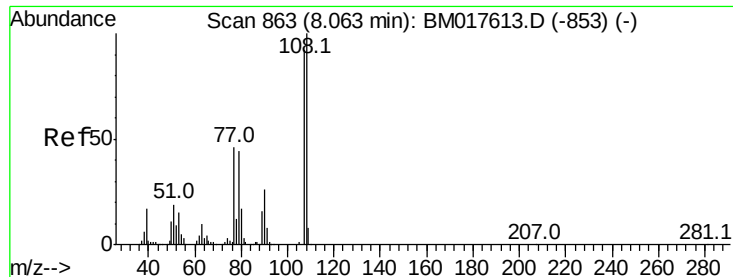
Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	45	Resp:	358410
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.0	34.2
79	13.8	0.0	30.5





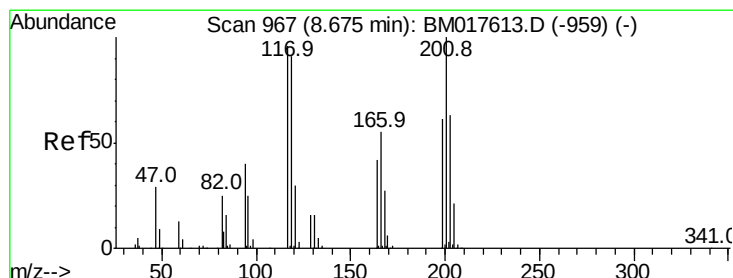
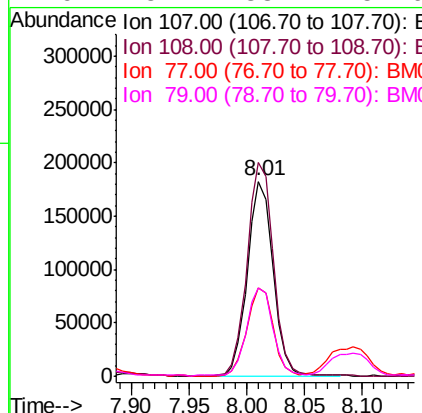
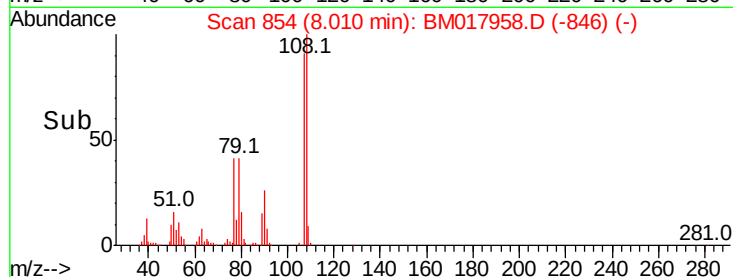
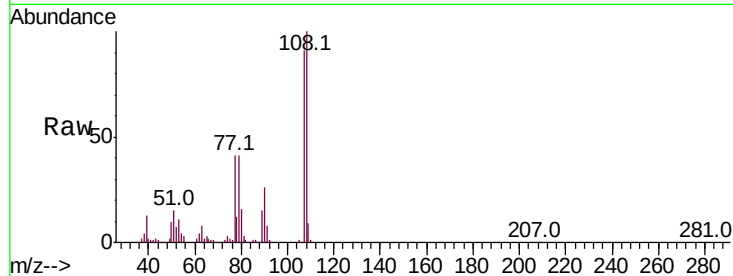
#17
2-Methylphenol
Concen: 33.318 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	86.7	130.1	
77	45.3	39.8	59.6	
79	45.4	38.4	57.6	

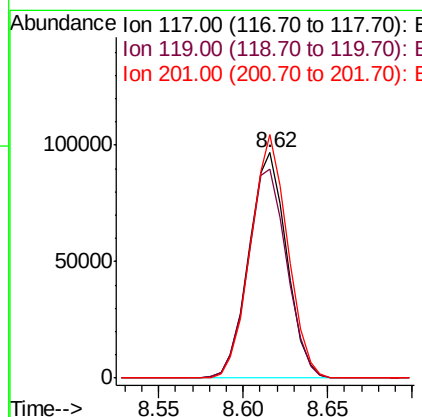
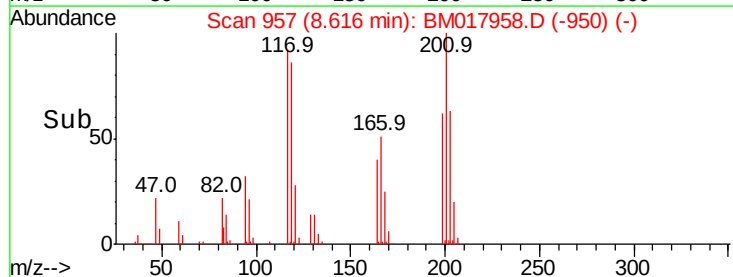
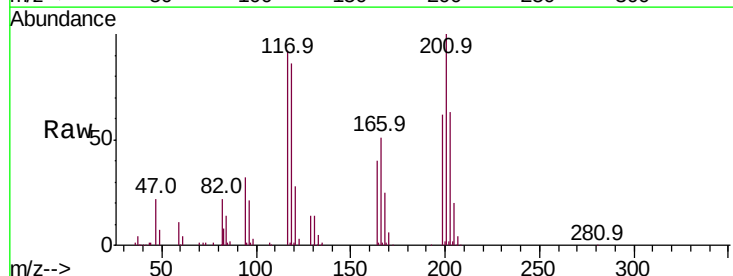
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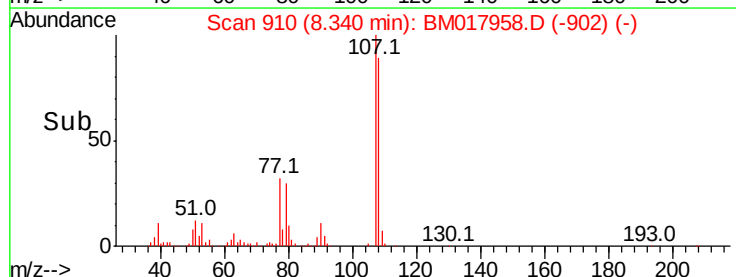
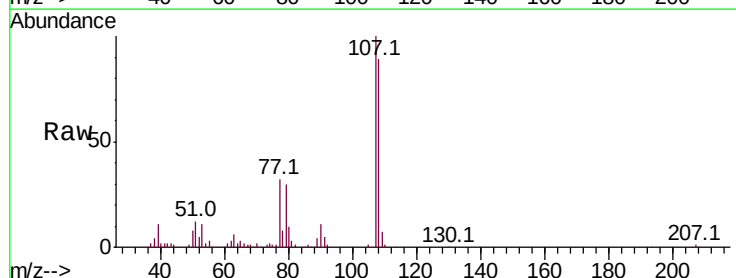
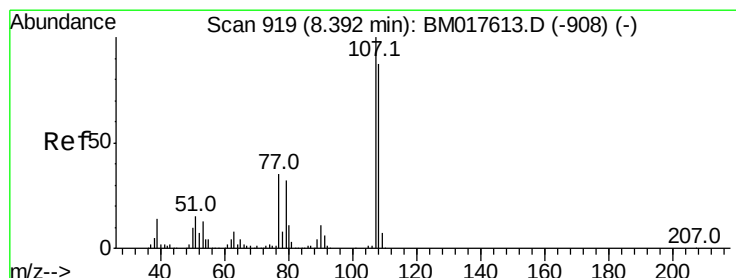
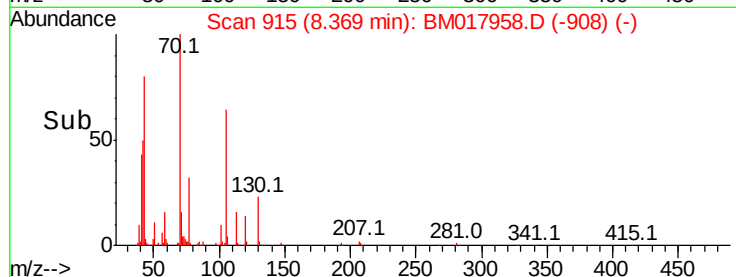
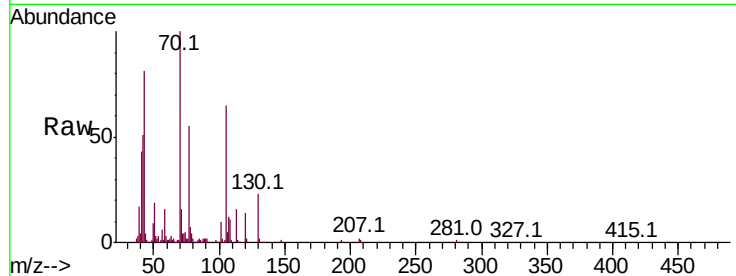
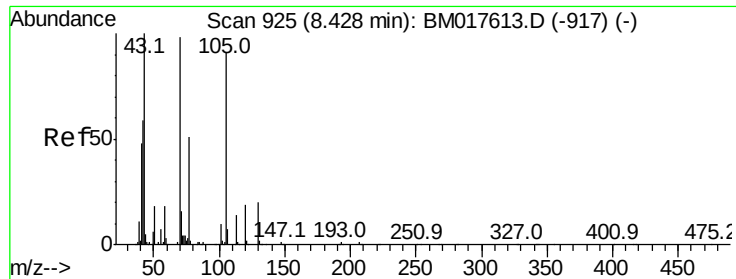
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#18
Hexachloroethane
Concen: 35.719 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	75.8	113.8	
201	108.1	83.0	124.4	





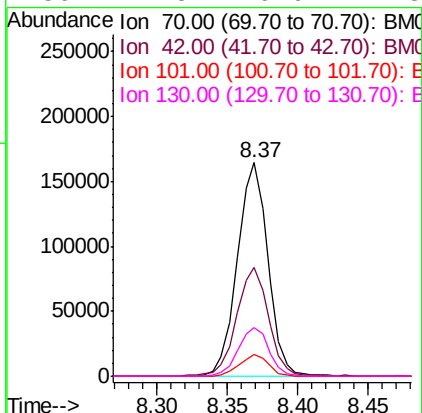
#19
n-Nitroso-di-n-propylamine
Concen: 28.653 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	48.6	73.0
101	10.3	7.9	11.9
130	22.8	16.6	24.8

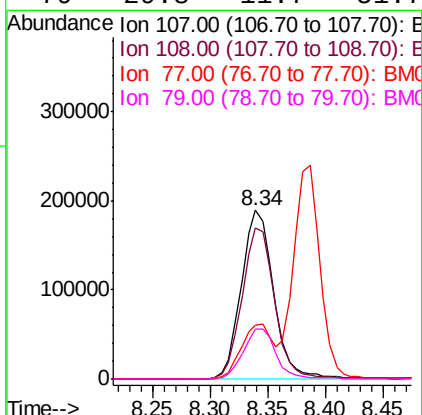
Manual Integrations
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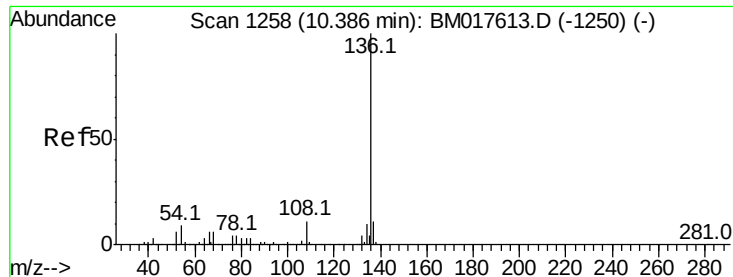
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#20
3+4-Methylphenols
Concen: 31.046 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.0	107.0
77	32.2	15.6	55.6
79	29.8	11.7	51.7





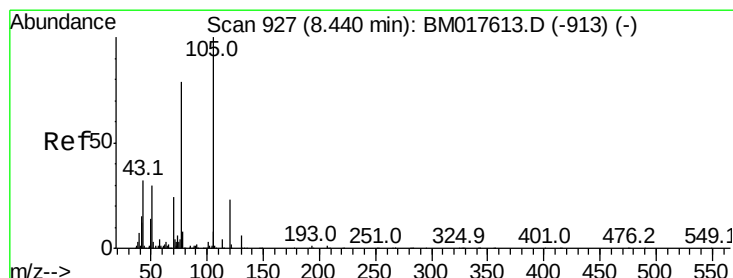
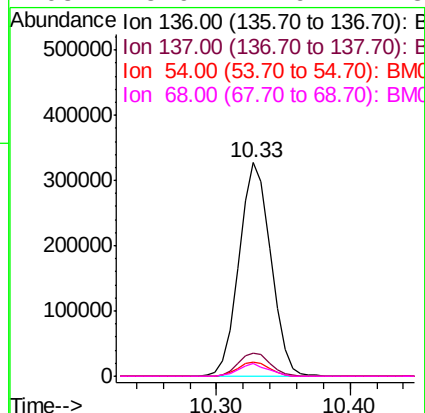
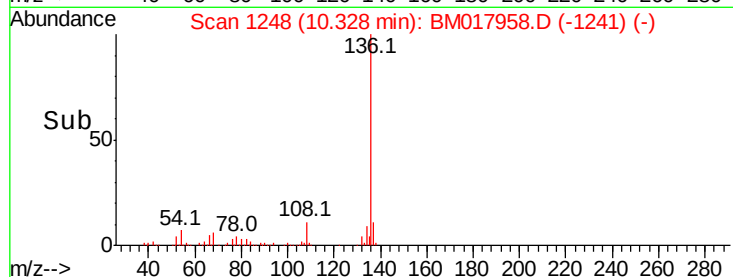
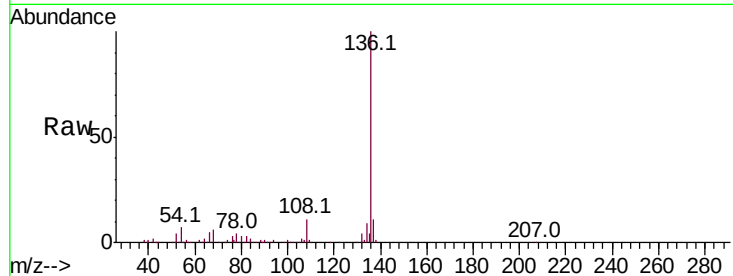
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1248
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.6	12.8	
54	6.9	7.0	10.6	
68	5.9	4.9	7.3	

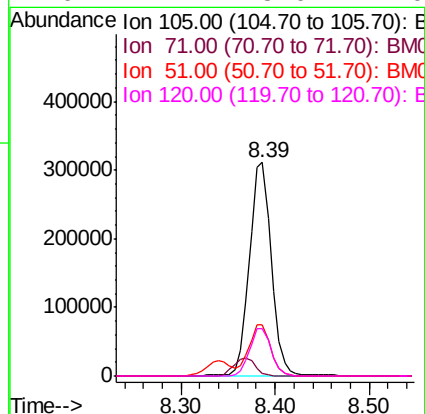
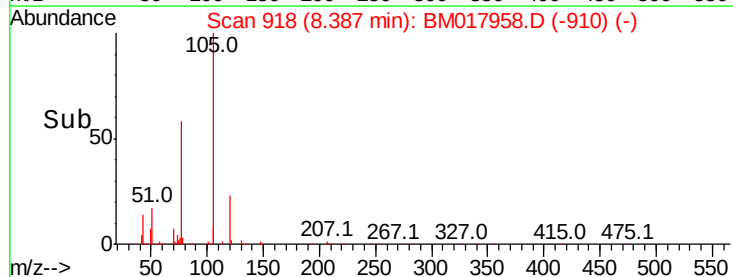
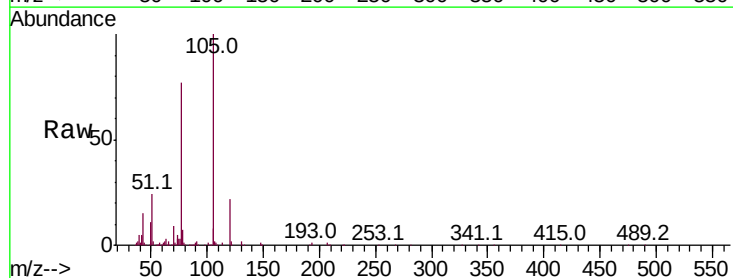
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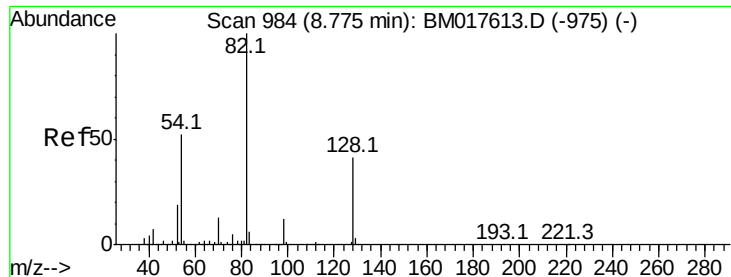
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#22
Acetophenone
Concen: 37.682 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	3.1	4.7	
51	23.7	23.8	35.8	
120	22.4	18.0	27.0	





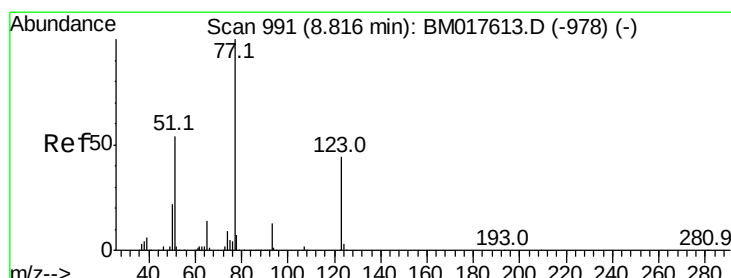
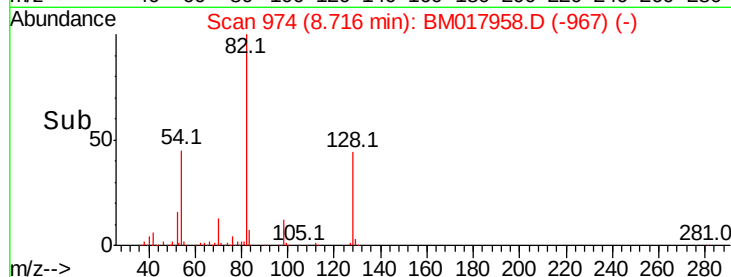
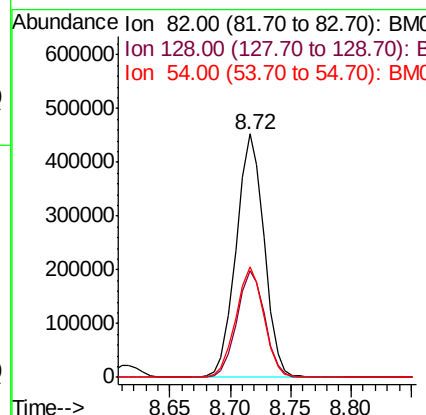
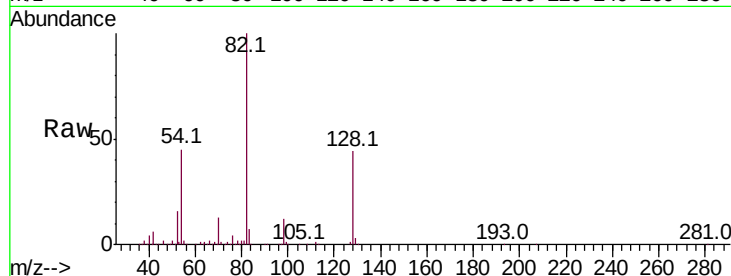
#23
Nitrobenzene-d5
Concen: 70.559 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	33.0	49.4	
54	45.3	41.4	62.2	

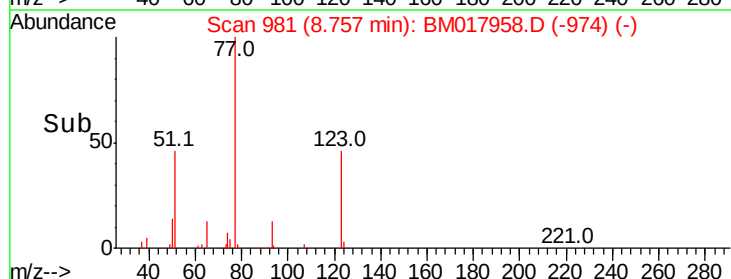
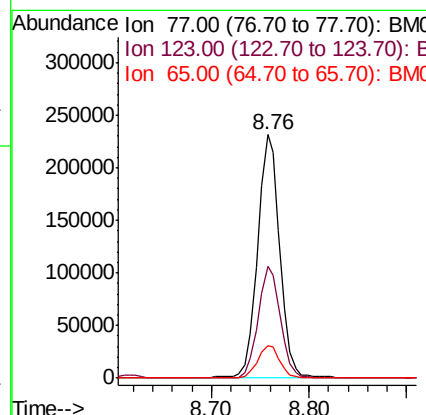
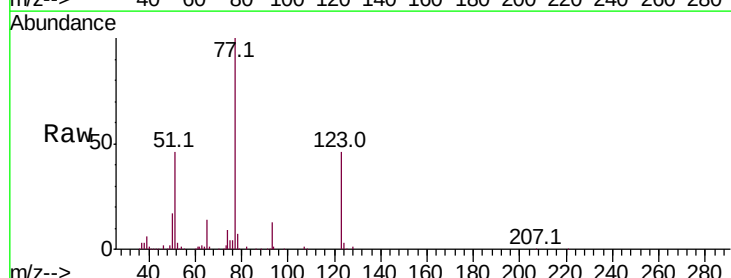
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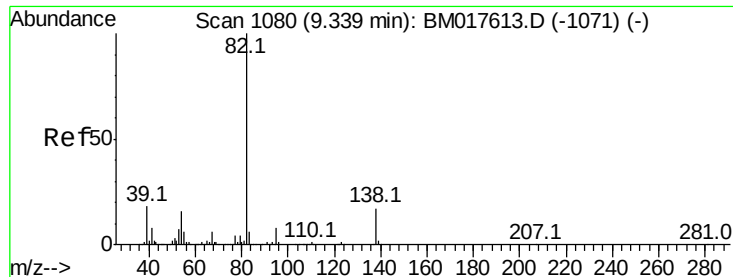
mohammad
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#24
Nitrobenzene
Concen: 34.891 ng
RT: 8.76 min Scan# 981
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.9	35.1	52.7	
65	13.5	11.0	16.6	





#25

Isophorone

Concen: 40.647 ng

RT: 9.27 min Scan# 1069

Delta R.T. -0.06 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

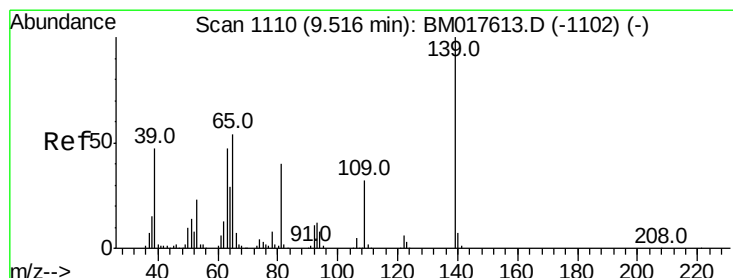
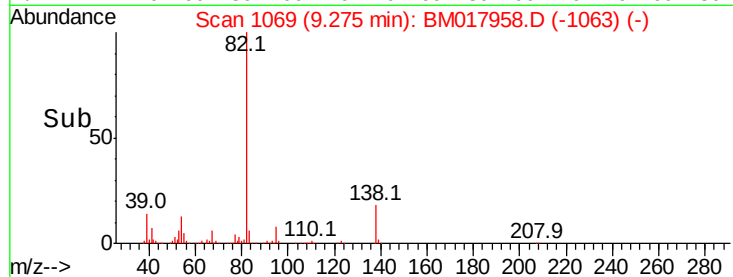
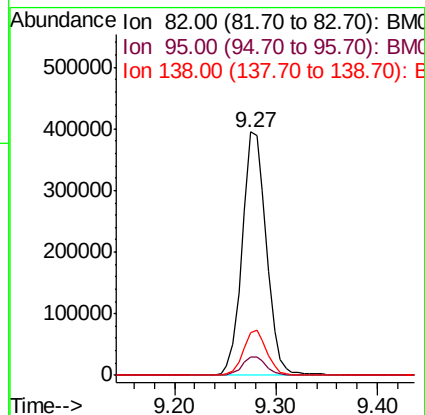
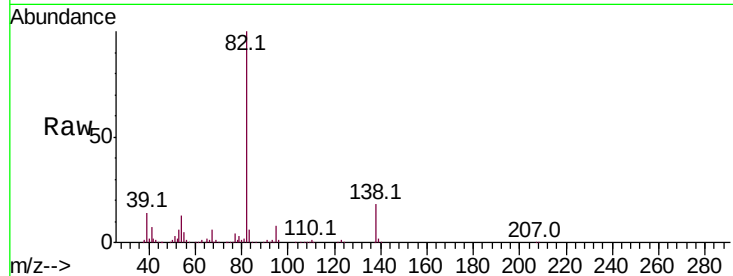
ClientSampleId :

PB115363BS

Tot Ion	82	Resp	652989
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.1	9.1
138	17.6	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.211 ng

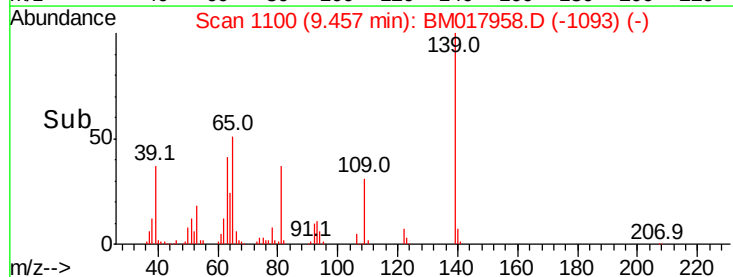
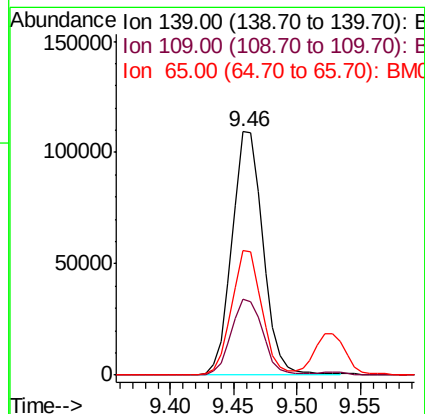
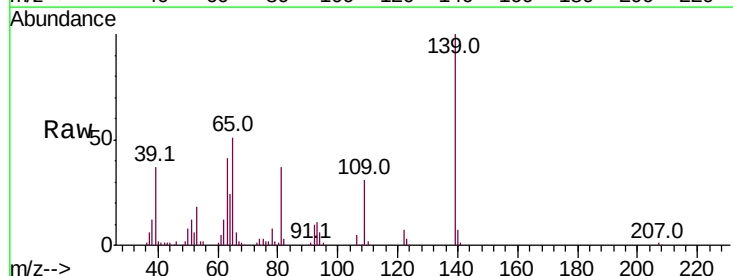
RT: 9.46 min Scan# 1100

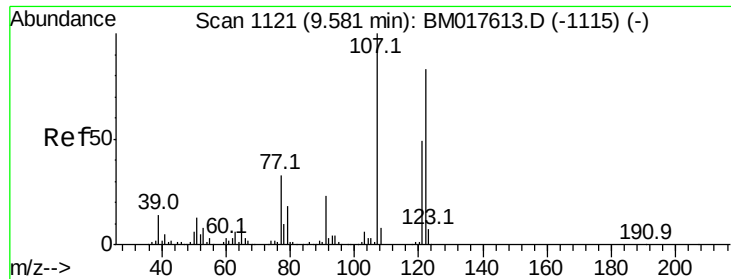
Delta R.T. -0.06 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion	139	Resp	185734
Ion Ratio	Lower	Upper	
139	100		
109	31.1	25.9	38.9
65	51.3	43.0	64.4





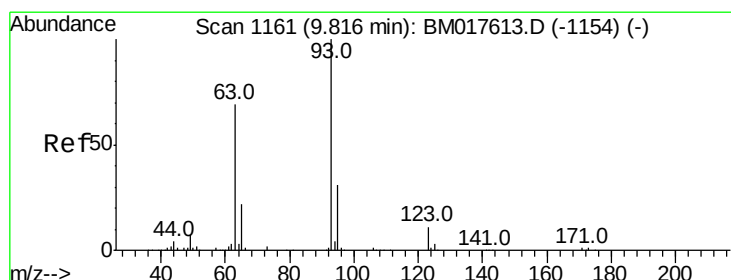
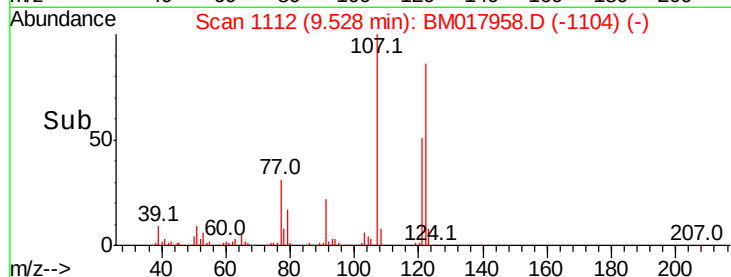
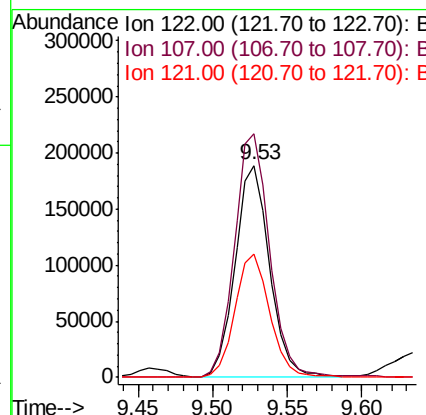
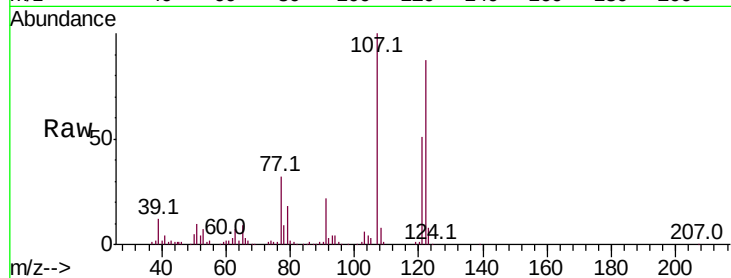
#27
 2,4-Dimethylphenol
 Concen: 42.888 ng
 RT: 9.53 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	300447		
107	114.9	95.8	143.8	
121	58.4	47.2	70.8	

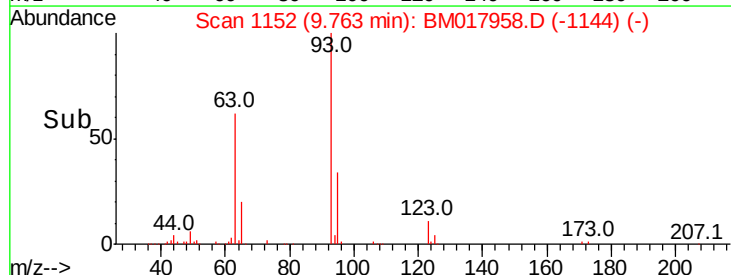
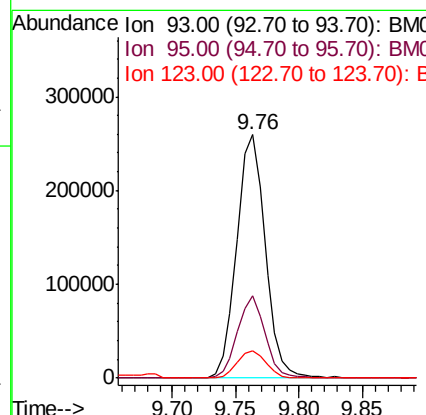
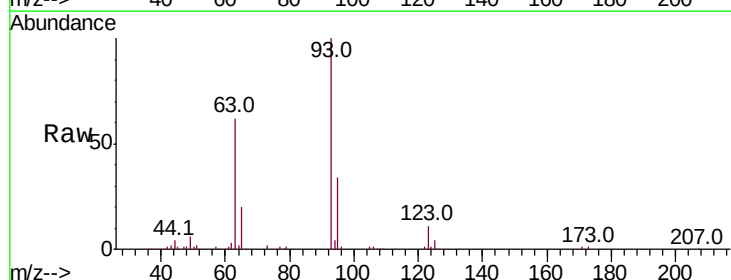
Manual Integrations
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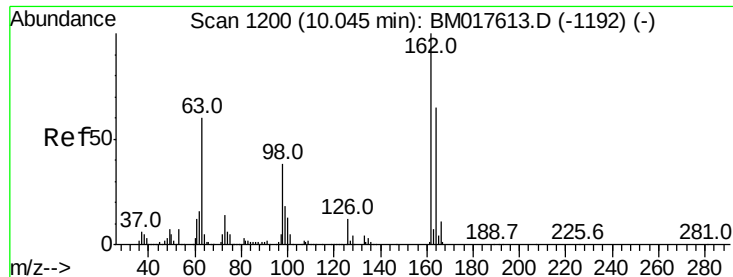
mohammad
 12/6/2018 12:20:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.293 ng
 RT: 9.76 min Scan# 1152
 Delta R.T. -0.05 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	405760		
95	33.9	24.9	37.3	
123	11.3	8.7	13.1	





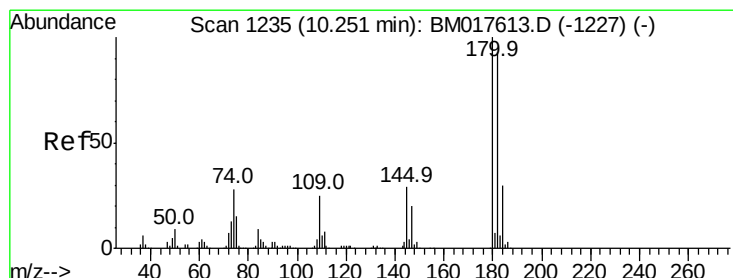
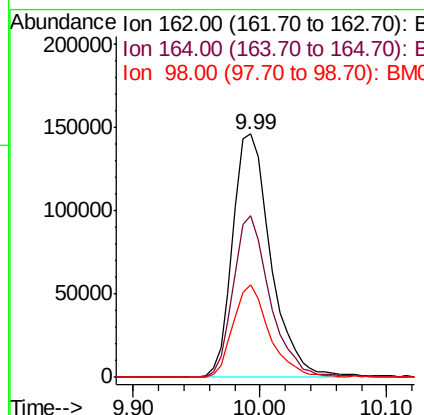
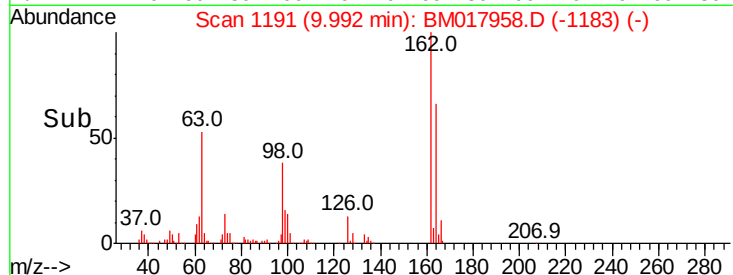
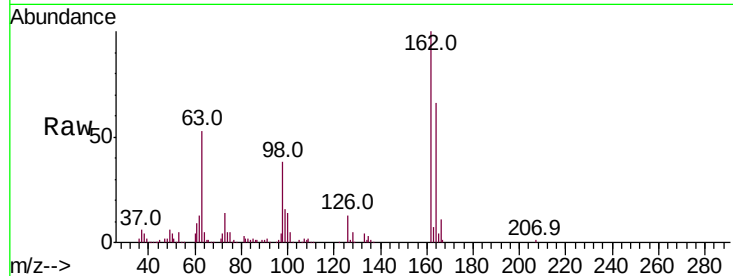
#29
2,4-Dichlorophenol
Concen: 37.436 ng
RT: 9.99 min Scan# 1191
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion:	162	Resp:	304435
Ion Ratio	Lower	Upper	
162	100		
164	66.4	45.0	85.0
98	37.8	17.5	57.5

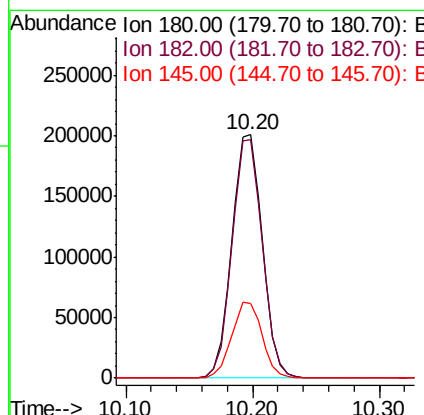
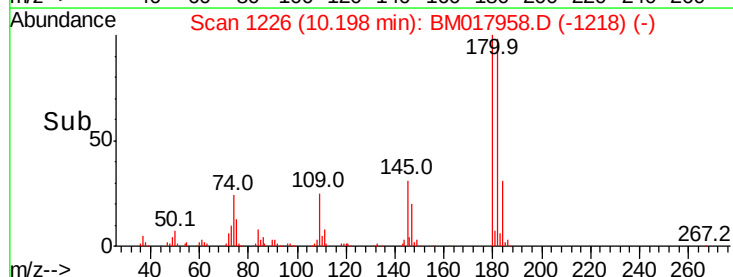
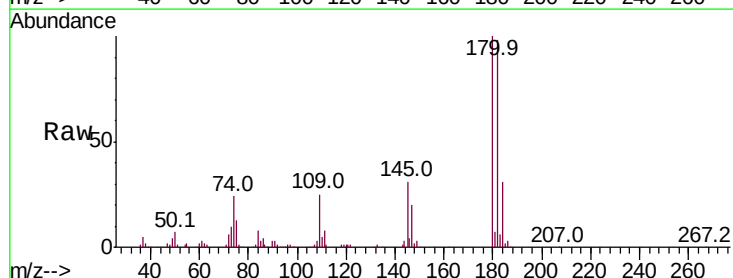
Manual Integrations
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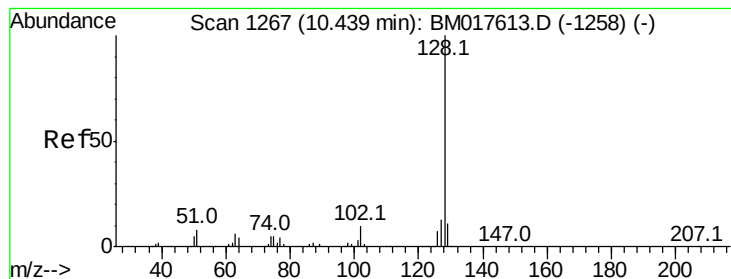
mohammad
12/6/2018 12:20:34 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.191 ng
RT: 10.20 min Scan# 1226
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion:	180	Resp:	332843
Ion Ratio	Lower	Upper	
180	100		
182	98.2	74.4	111.6
145	30.7	23.5	35.3





#31

Naphthalene

Concen: 39.625 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.06 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

ClientSampleId :

PB115363BS

Tot Ion:128 Resp: 1046115

Ion Ratio Lower Upper

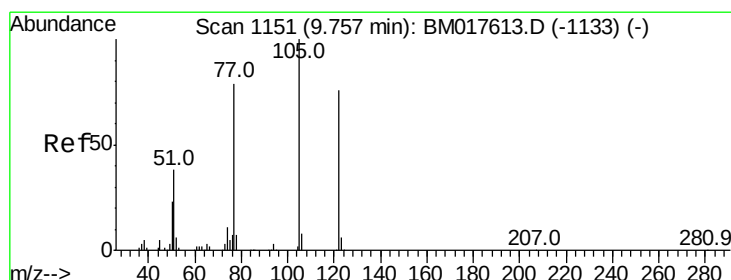
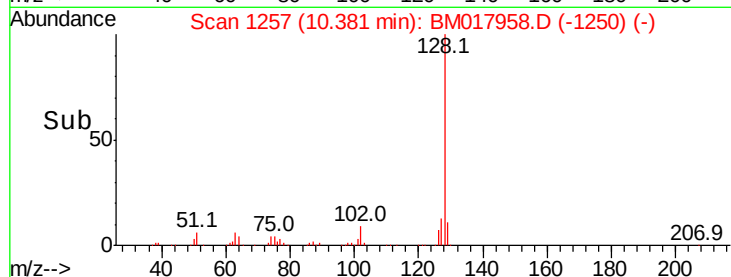
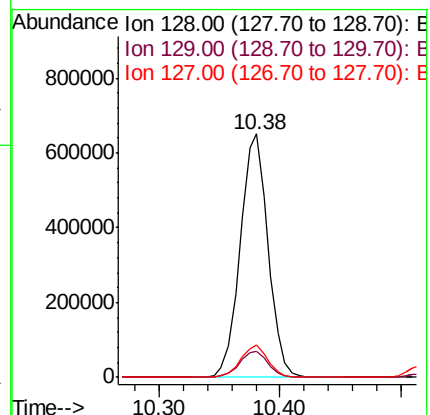
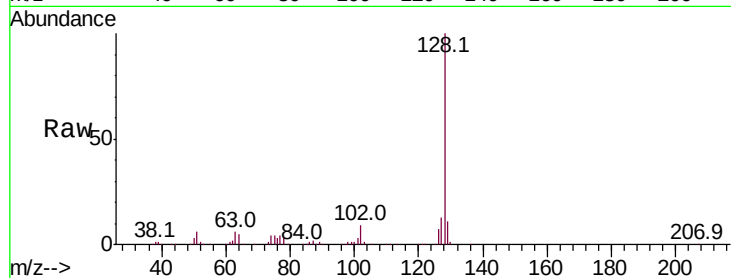
128 100

129 10.7 8.6 12.8

127 13.2 10.3 15.5

Manual Integrations
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12/6/2018 12:20:34 PM



#32

Benzoic acid

Concen: 28.467 ng m

RT: 9.68 min Scan# 1138

Delta R.T. -0.08 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

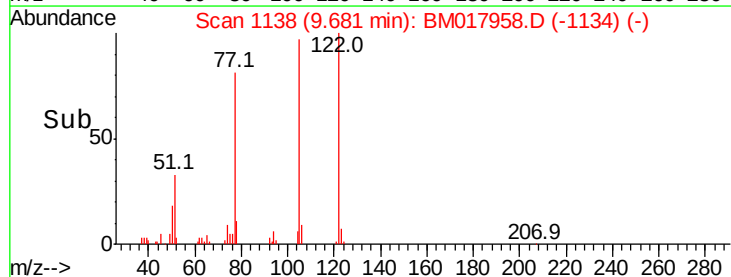
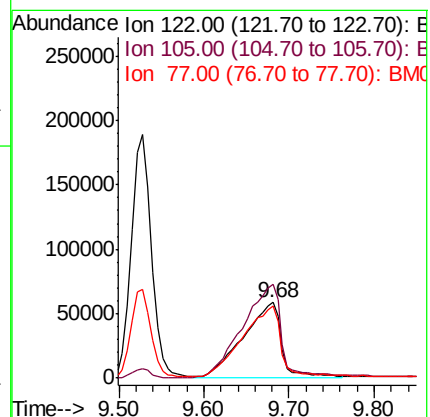
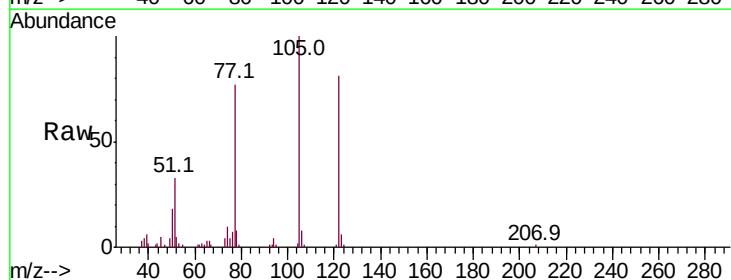
Tgt Ion:122 Resp: 180648

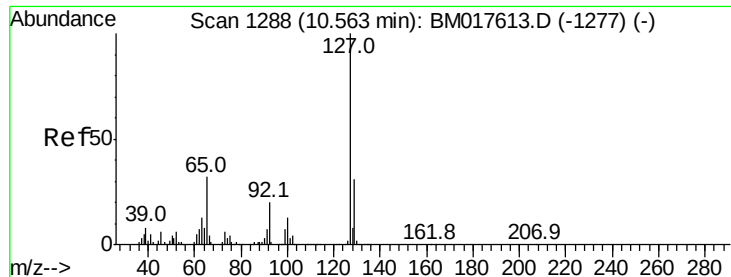
Ion Ratio Lower Upper

122 100

105 124.0 109.1 149.1

77 95.7 82.1 122.1





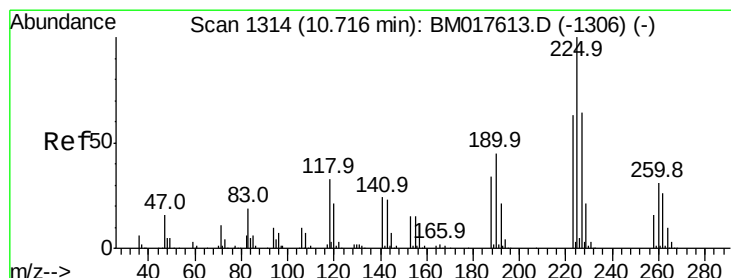
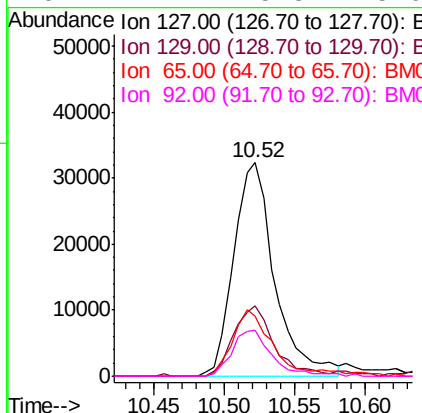
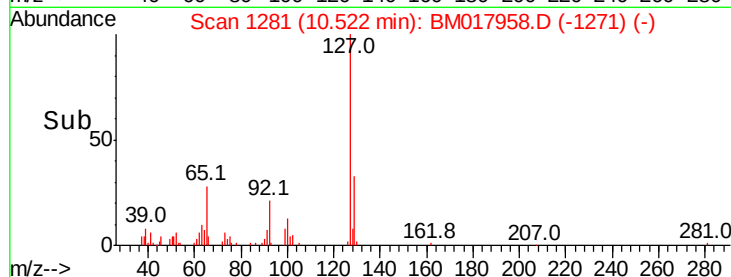
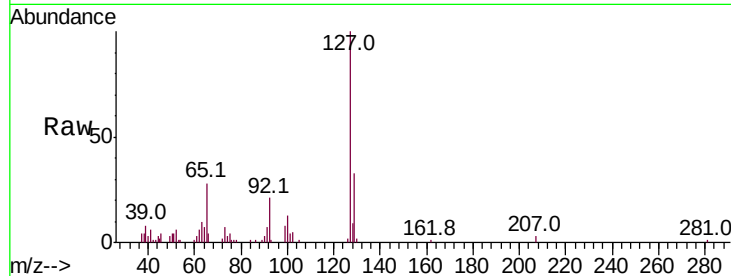
#33
4-Chloroaniline
Concen: 5.678 ng
RT: 10.52 min Scan# 1281
Delta R.T. -0.04 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.0	37.4		
65	28.1	25.8	38.8		
92	21.4	15.8	23.6		

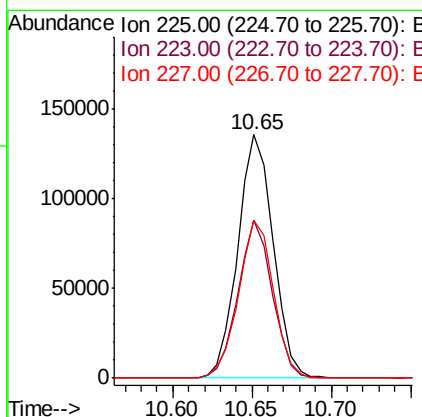
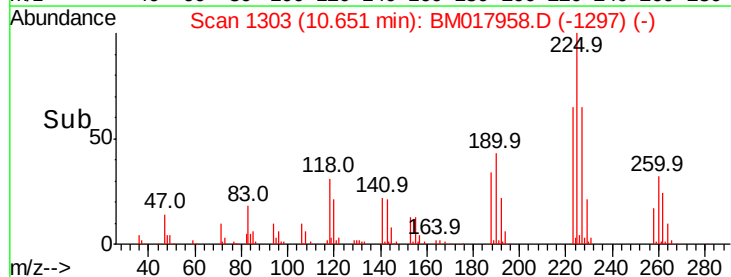
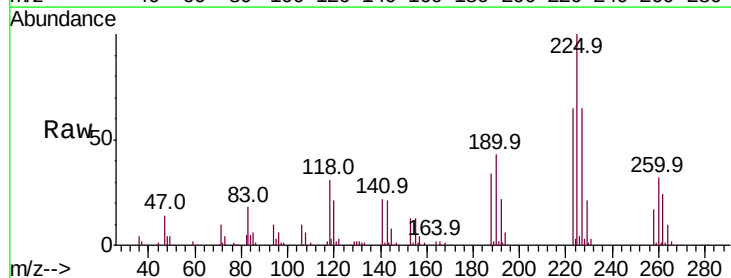
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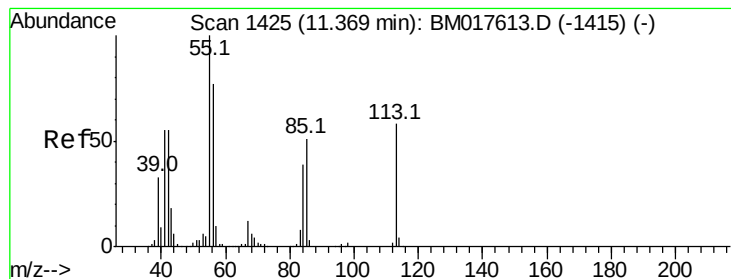
mohammad
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#34
Hexachlorobutadiene
Concen: 35.788 ng
RT: 10.65 min Scan# 1303
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	50.7	76.1		
227	64.9	51.0	76.4		





#35

Caprolactam

Concen: 29.334 ng/mL

RT: 11.30 min Scan# 1414

Delta R.T. -0.06 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

ClientSampleID :

PB115363BS

Tot Ion:113 Resp: 87848

Ion Ratio Lower Upper

113 100

55 136.7 153.1 193.1#

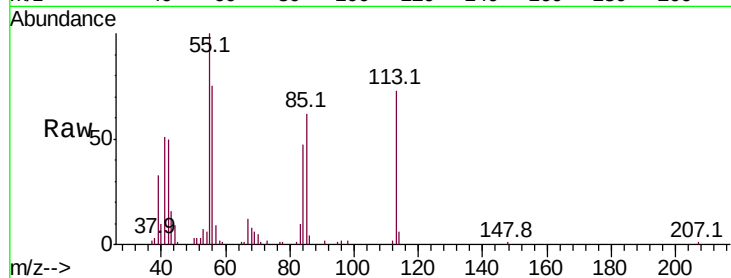
56 102.0 112.7 152.7#

Manual Integrations

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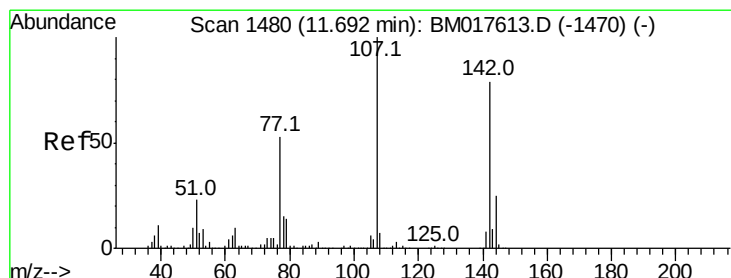
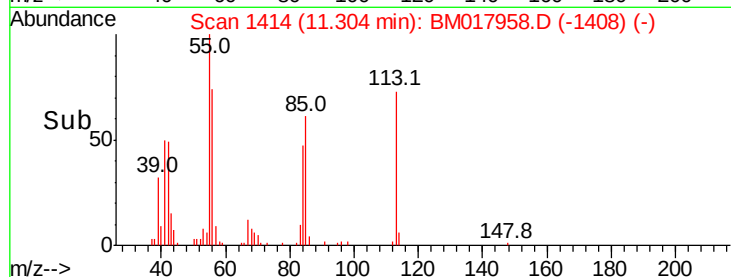
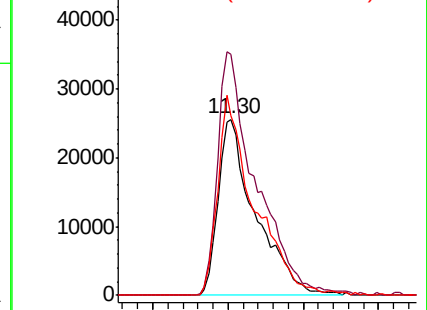
12/6/2018 12:20:34 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM017613.D (-1415) (-)

Ion 56.00 (55.70 to 56.70): BM017613.D (-1415) (-)



#36

4-Chloro-3-methylphenol

Concen: 33.570 ng/mL

RT: 11.64 min Scan# 1471

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

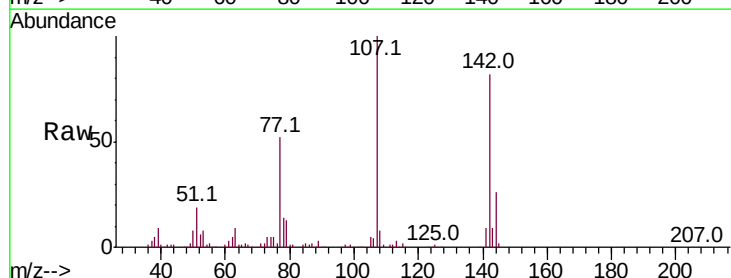
Tgt Ion:107 Resp: 315183

Ion Ratio Lower Upper

107 100

144 25.9 19.9 29.9

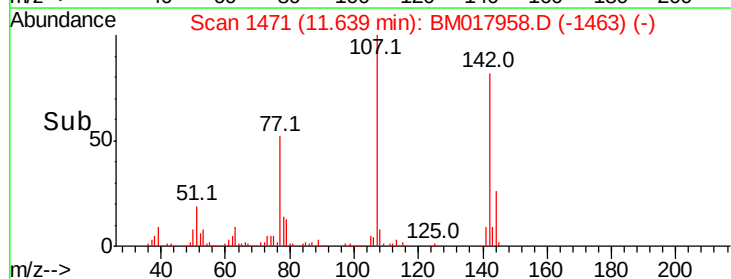
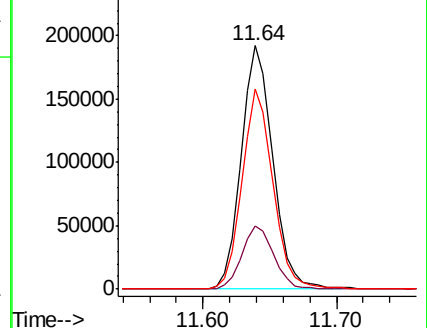
142 82.0 63.0 94.4

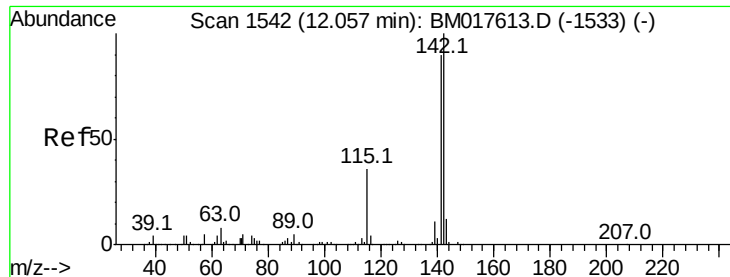


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





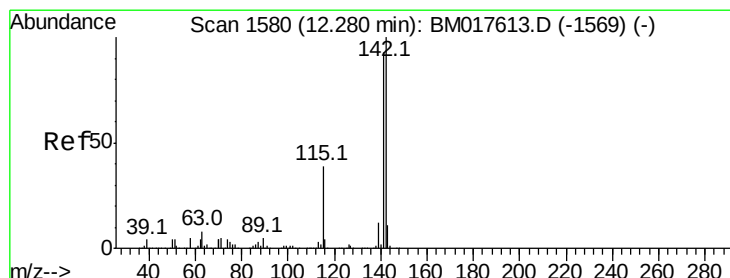
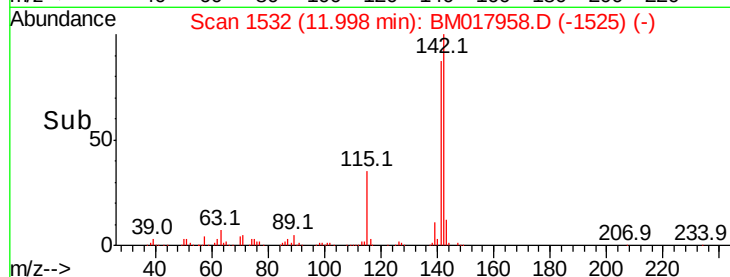
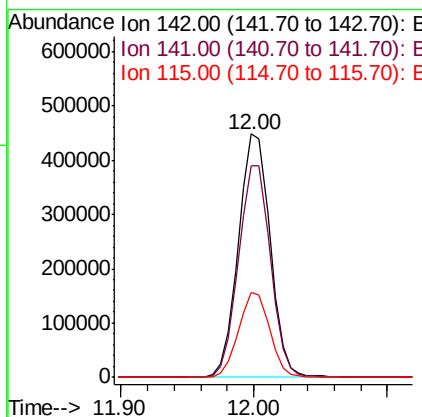
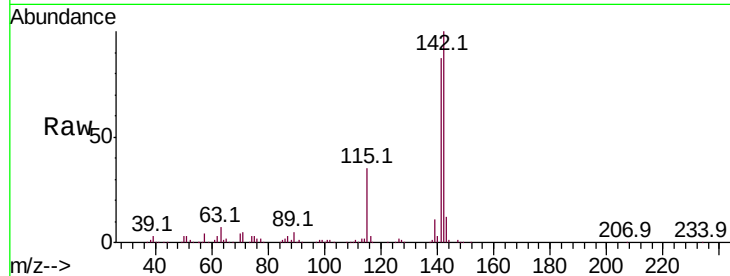
#37
2-Methylnaphthalene
Concen: 39.545 ng
RT: 12.00 min Scan# 1532
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.2	108.4
115	34.9	28.5	42.7

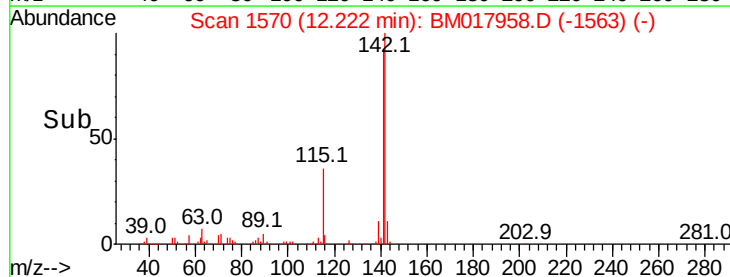
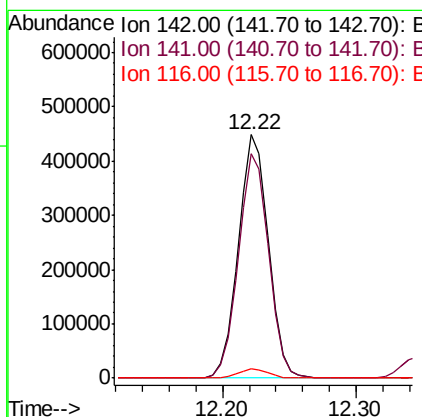
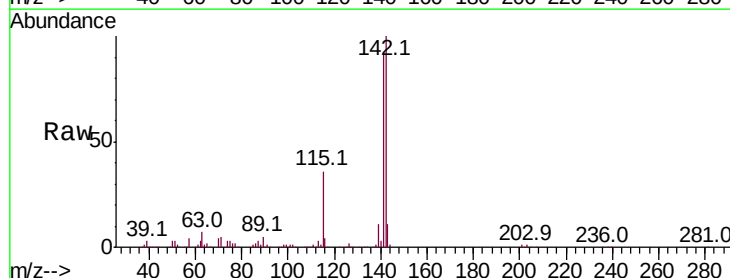
Manual Integrations
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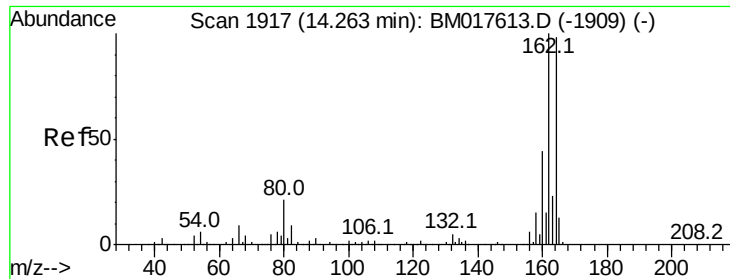
mohammad
12/6/2018 12:20:34 PM



#38
1-Methylnaphthalene
Concen: 37.921 ng
RT: 12.22 min Scan# 1570
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	3.7	3.1	4.7





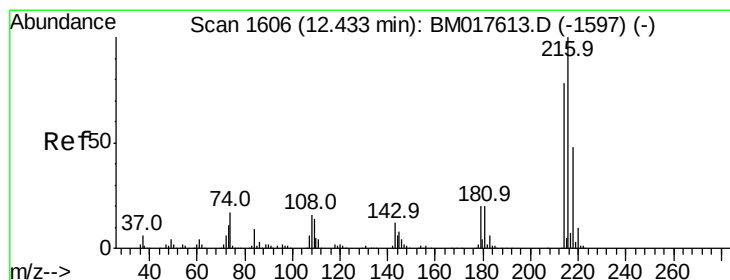
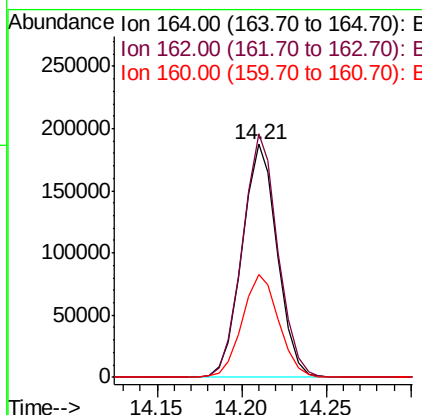
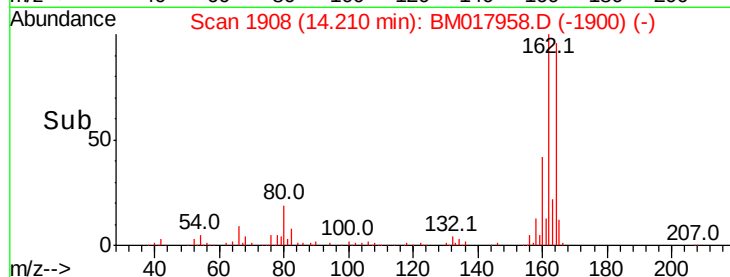
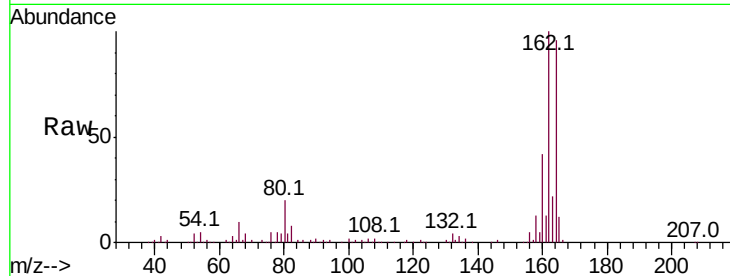
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1908
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampled :
PB115363BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.4	122.0
160	44.2	35.6	53.4

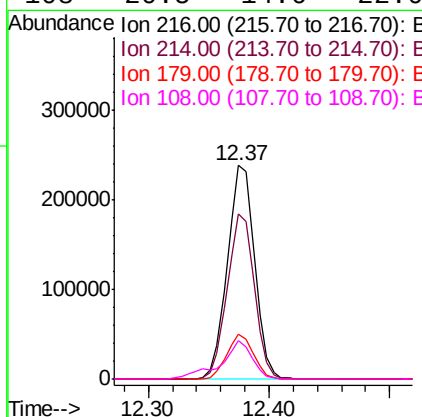
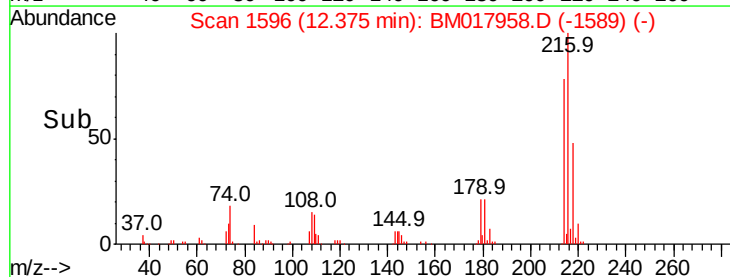
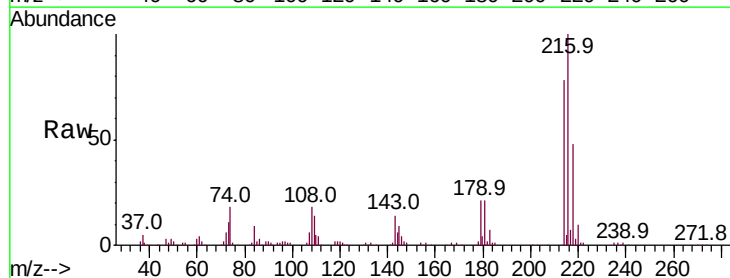
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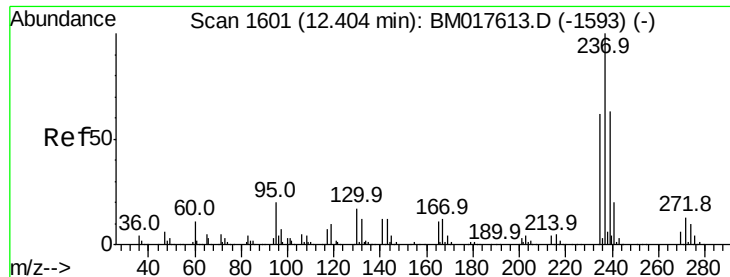
mohammad
12/6/2018 12:20:34 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.260 ng
RT: 12.37 min Scan# 1596
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.5	93.7
179	20.4	16.8	25.2
108	20.5	14.6	22.0





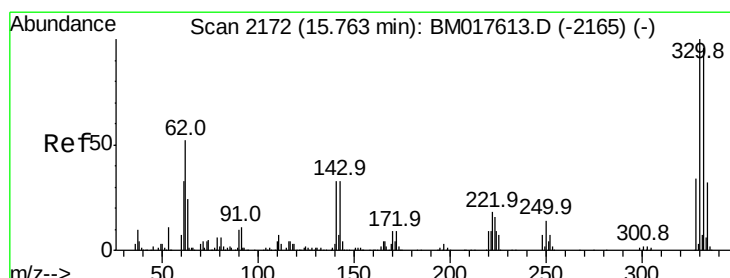
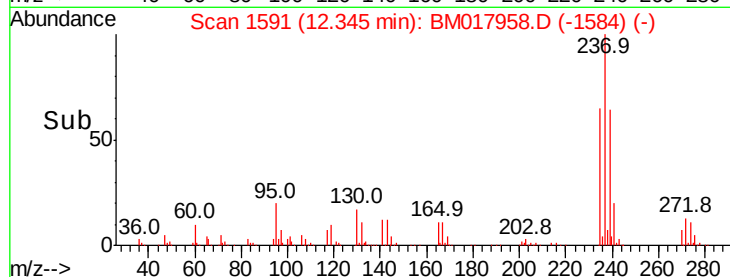
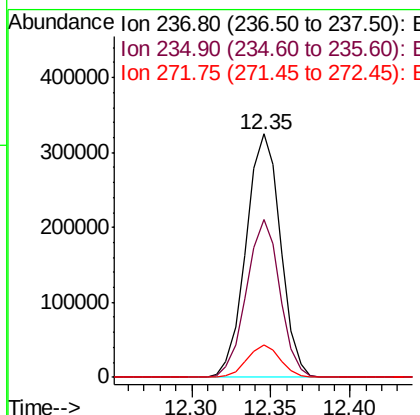
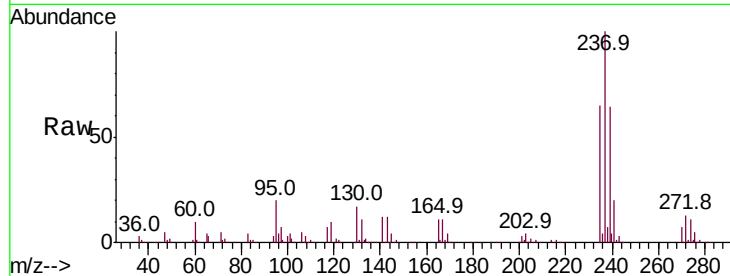
#41
Hexachlorocyclopentadiene
Concen: 99.347 ng
RT: 12.35 min Scan# 1591
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	490508		
235	64.8	42.2	82.2	
272	13.3	0.0	32.6	

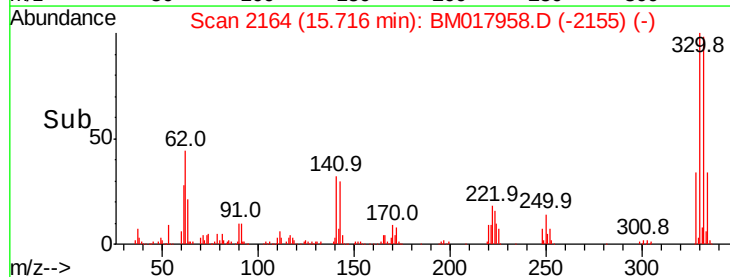
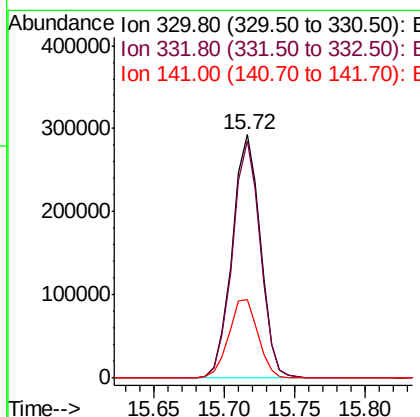
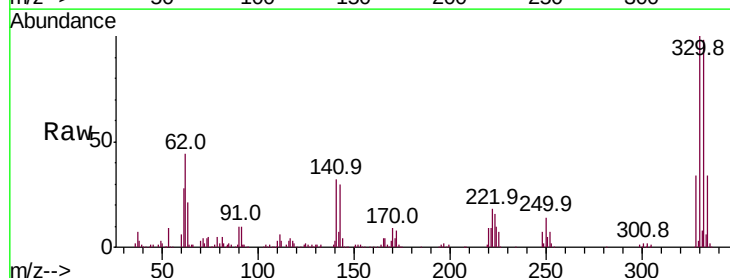
Manual Integrations
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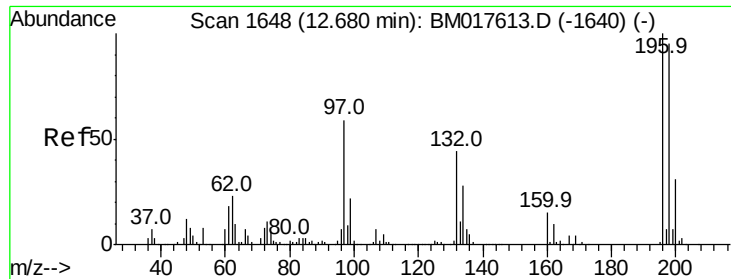
mohammad
12/6/2018 12:20:34 PM



#42
2,4,6-Tribromophenol
Concen: 105.031 ng
RT: 15.72 min Scan# 2164
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	408923		
332	96.2	77.9	116.9	
141	33.4	27.5	41.3	





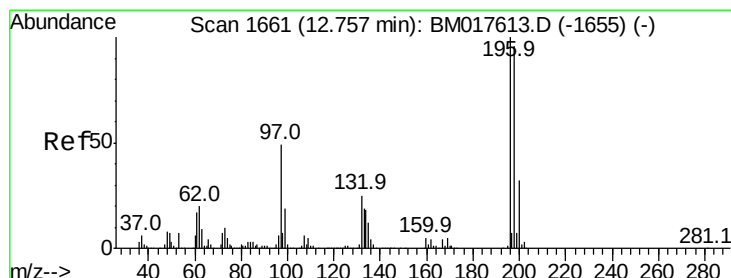
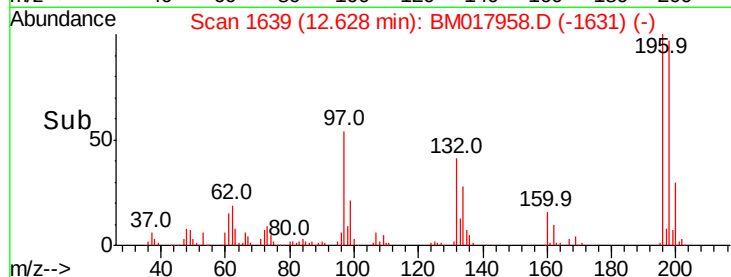
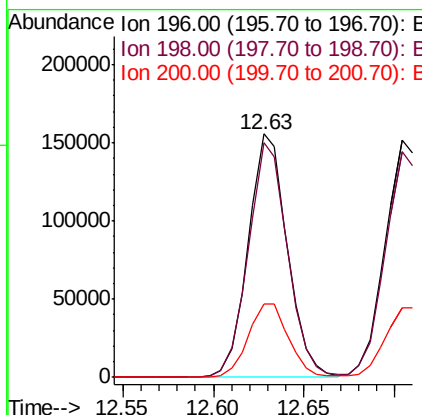
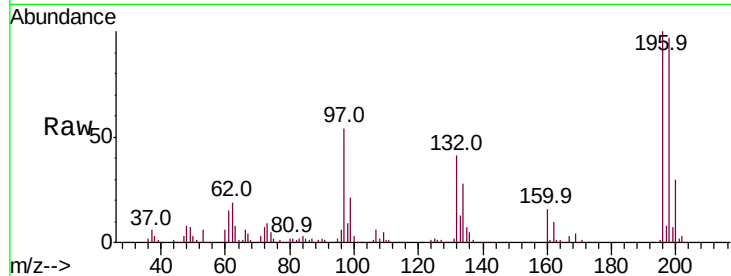
#43
 2,4,6-Trichlorophenol
 Concen: 39.087 ng
 RT: 12.63 min Scan# 1639
 Delta R.T. -0.05 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	233933		
198	96.5	75.6	113.4	
200	30.3	24.8	37.2	

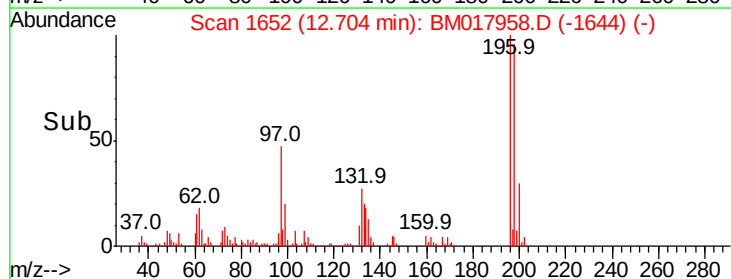
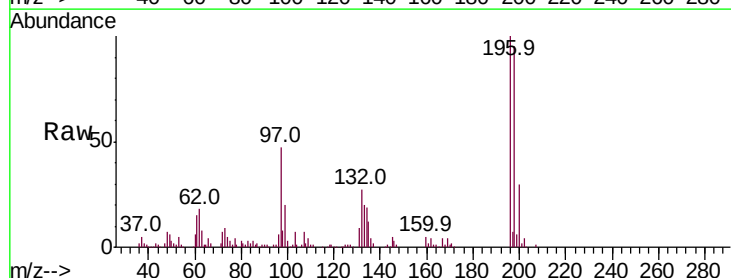
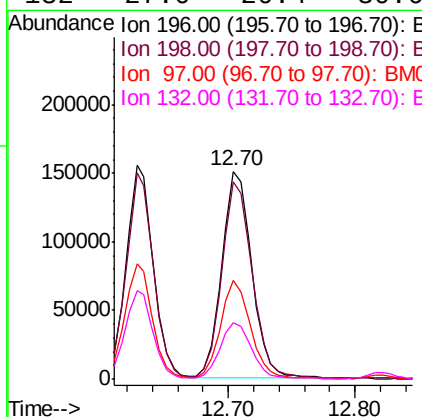
Manual Integrations
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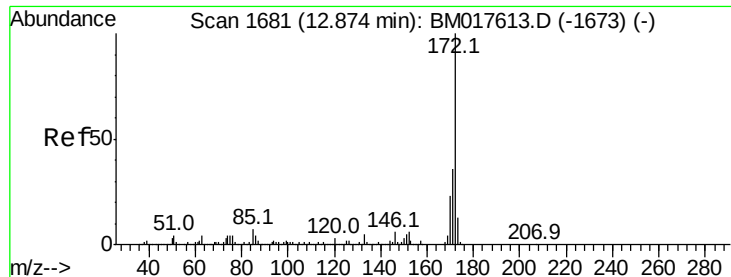
mohammad
 12/6/2018 12:20:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.889 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.05 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245750		
198	95.3	76.8	115.2	
97	47.3	39.0	58.6	
132	27.0	20.4	30.6	





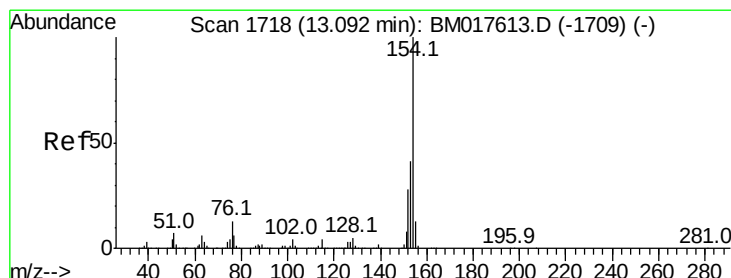
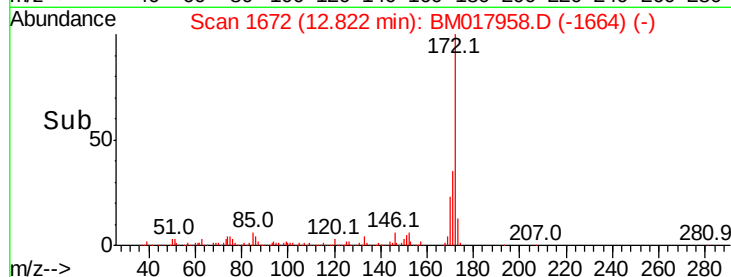
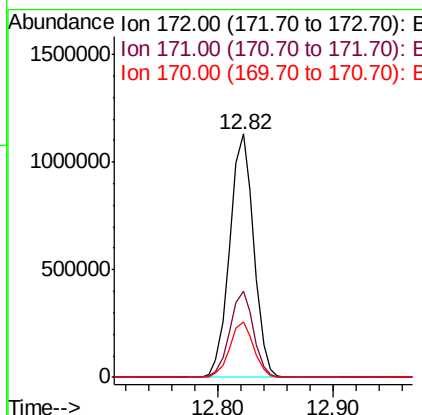
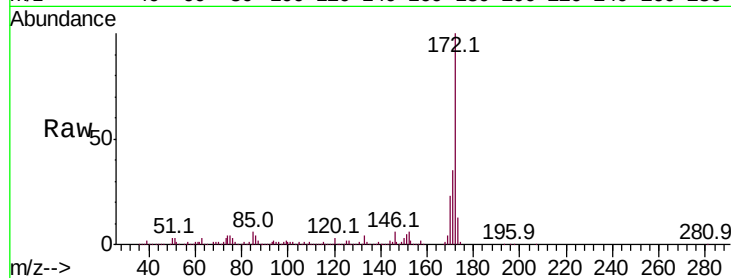
#45
2-Fluorobiphenyl
Concen: 77.780 ng
RT: 12.82 min Scan# 1672
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	22.5	18.3	27.5

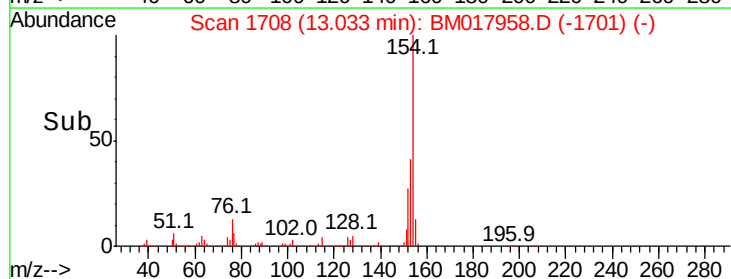
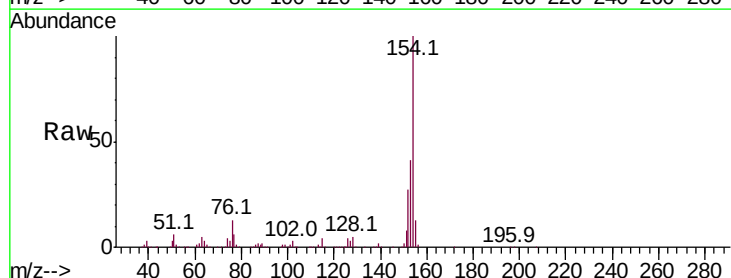
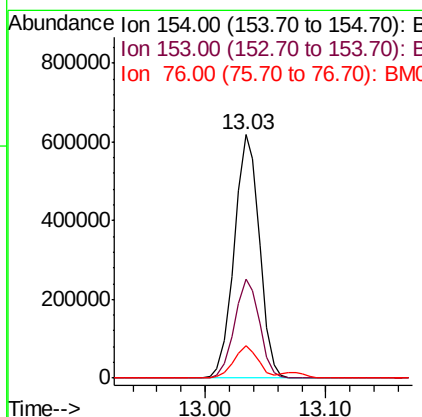
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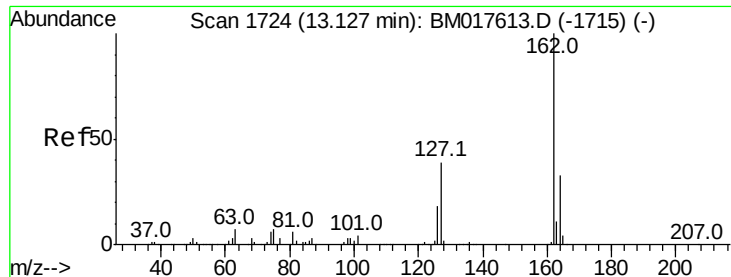
mohammad
12/6/2018 12:20:34 PM



#46
1,1'-Biphenyl
Concen: 37.082 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.06 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	13.4	0.0	32.8





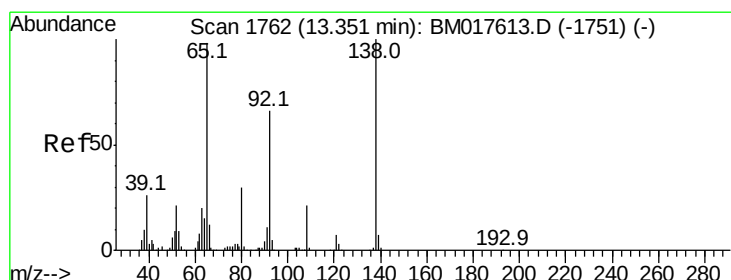
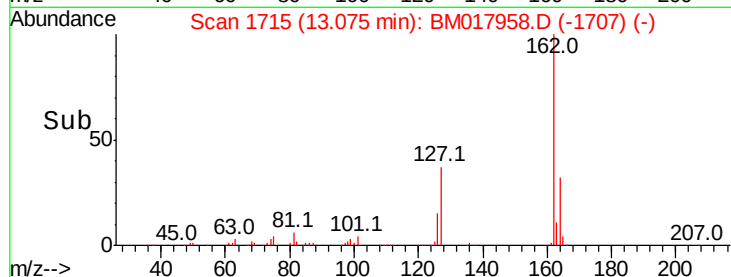
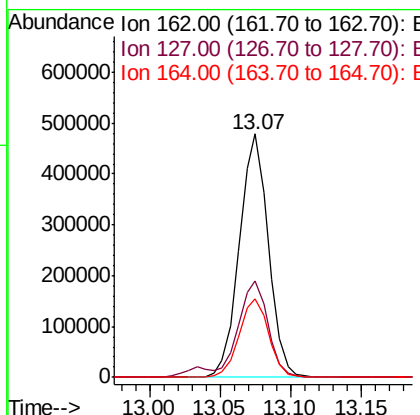
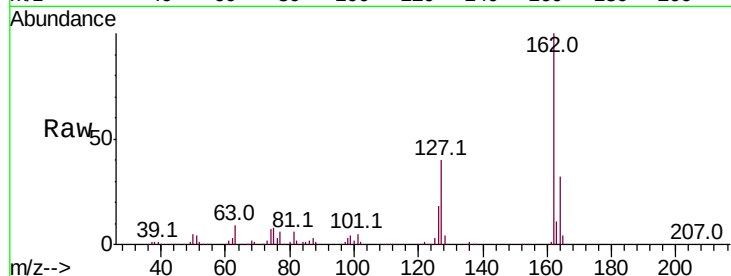
#47
2-Chloronaphthalene
Concen: 38.069 ng
RT: 13.07 min Scan# 1715
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.6	48.8
164	32.4	26.5	39.7

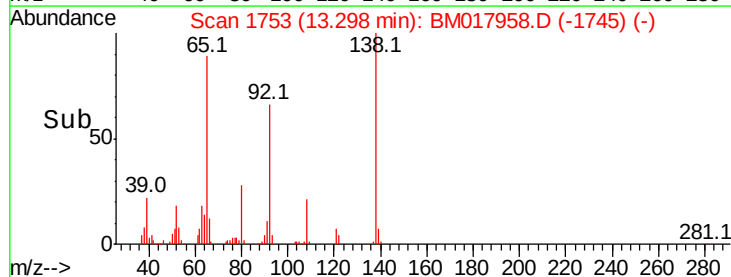
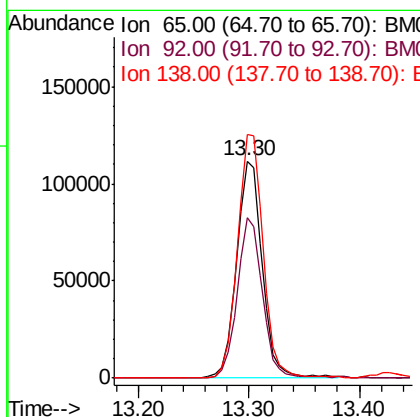
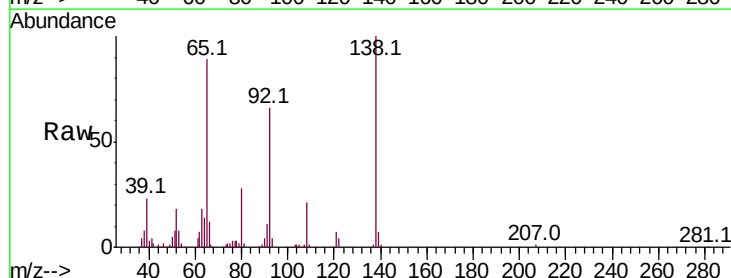
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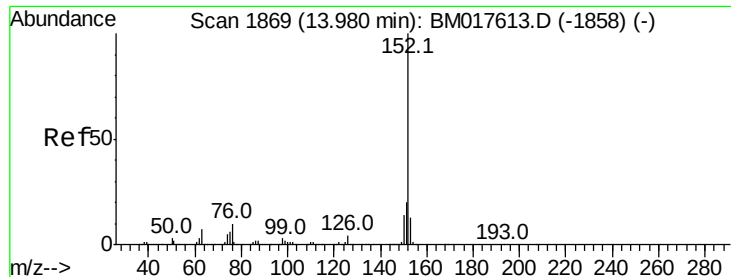
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#48
2-Nitroaniline
Concen: 32.791 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	53.7	80.5
138	112.1	81.5	122.3





#49

Acenaphthylene

Concen: 40.203 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

ClientSampleId :

PB115363BS

Tot Ion:152 Resp: 1090449

Ion Ratio Lower Upper

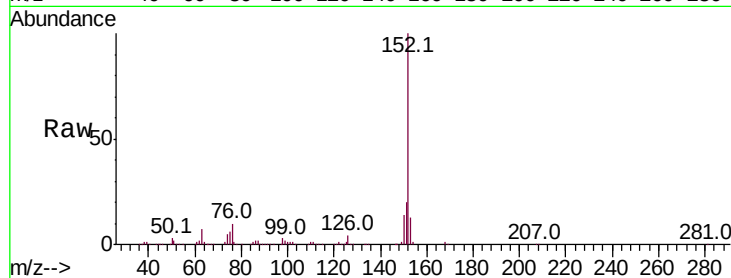
152 100

151 19.9 15.9 23.9

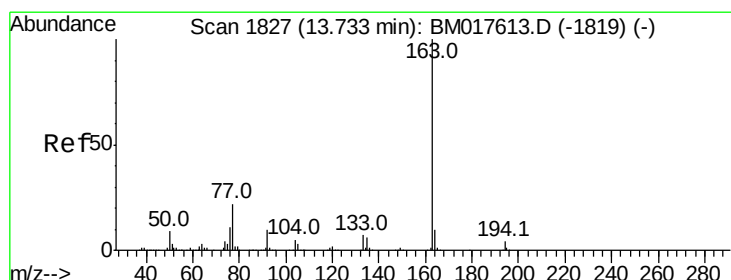
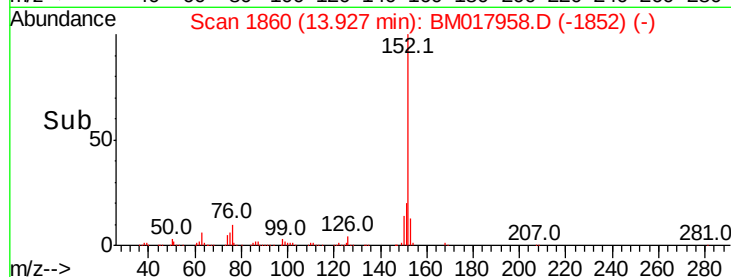
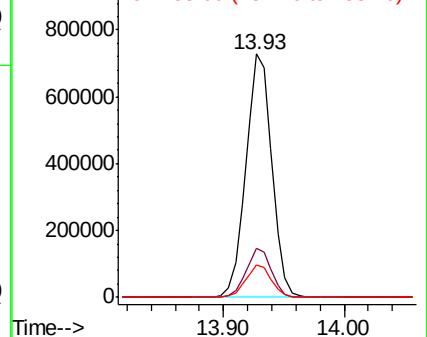
153 13.5 10.5 15.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.374 ng

RT: 13.68 min Scan# 1818

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

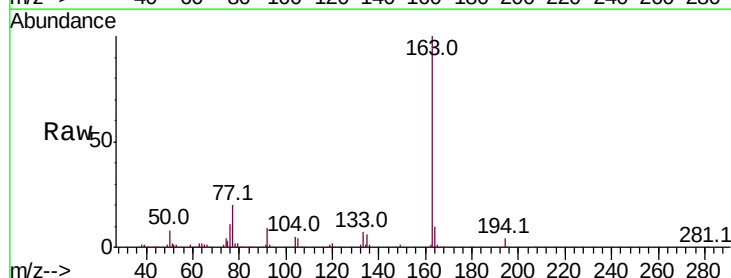
Tgt Ion:163 Resp: 801323

Ion Ratio Lower Upper

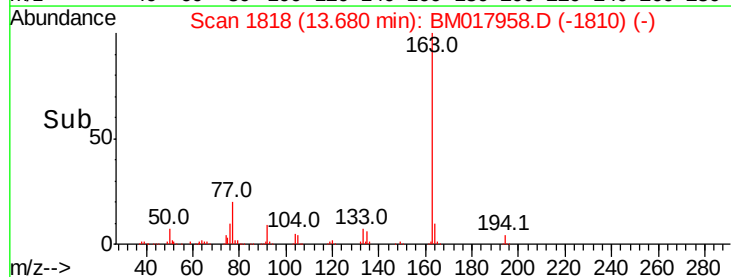
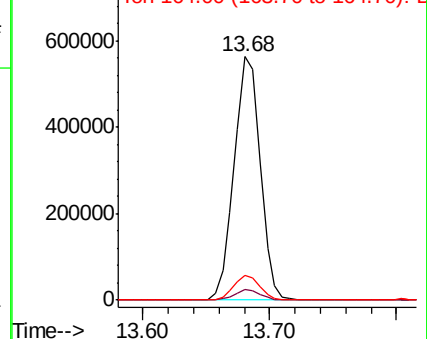
163 100

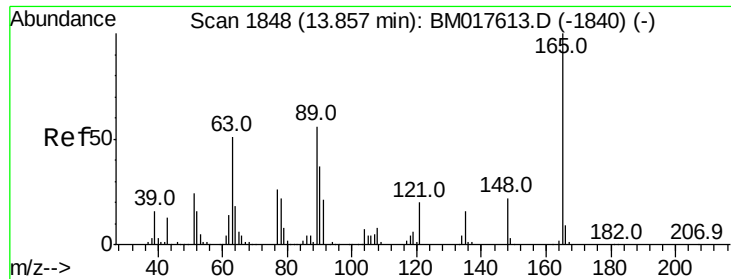
194 4.2 3.1 4.7

164 10.1 8.2 12.4



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





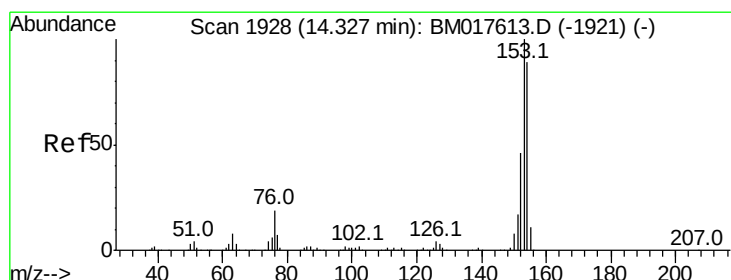
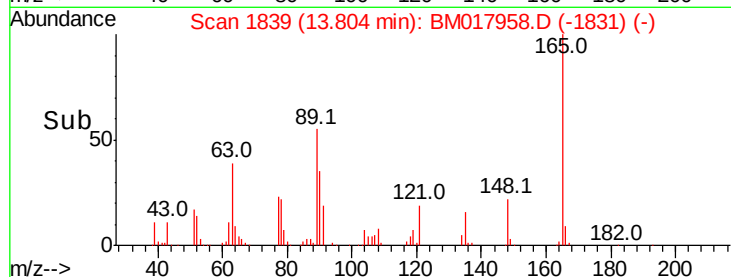
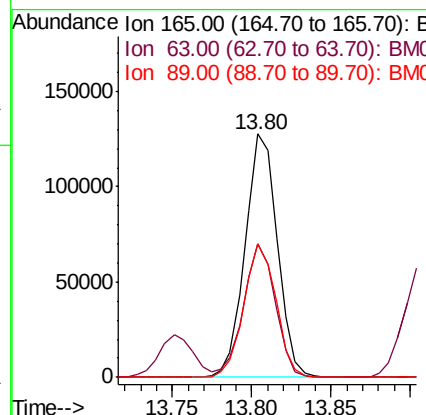
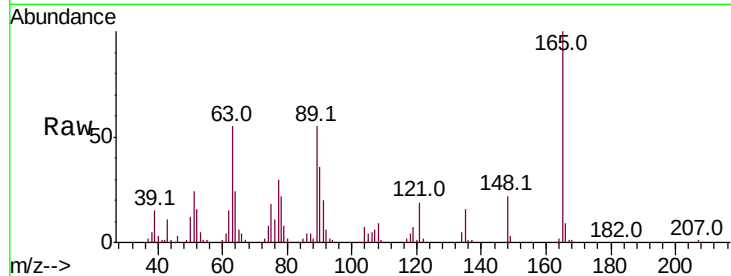
#51
2,6-Dinitrotoluene
Concen: 36.731 ng
RT: 13.80 min Scan# 1839
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	47.3	70.9
89	55.0	44.8	67.2

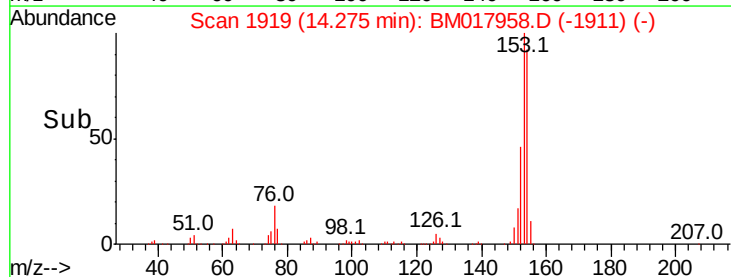
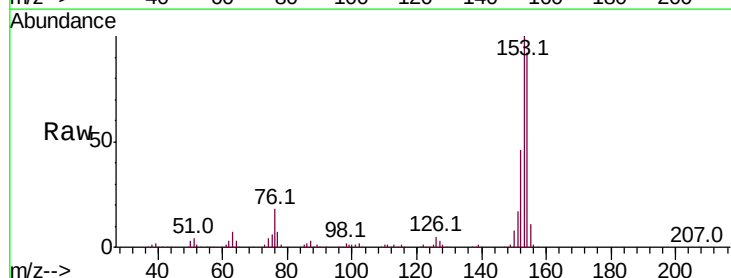
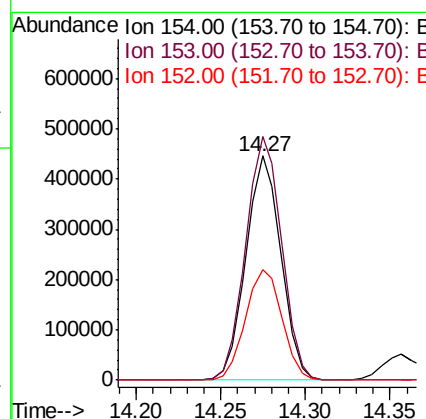
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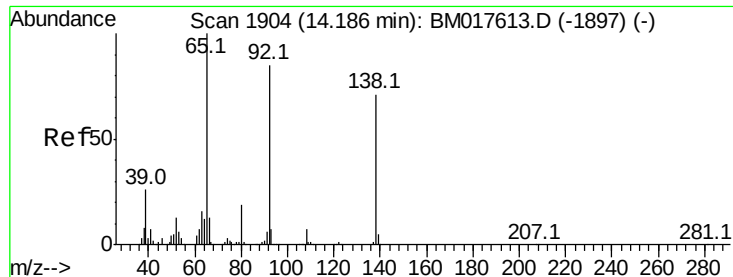
mohammad
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#52
Acenaphthene
Concen: 38.650 ng
RT: 14.27 min Scan# 1919
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.7	90.2	135.4
152	49.5	41.6	62.4





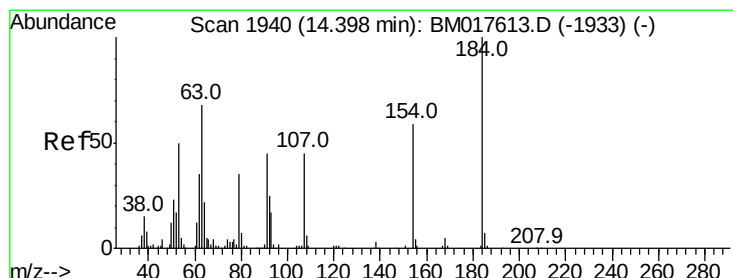
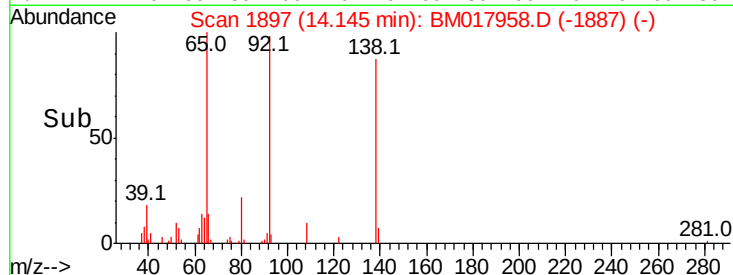
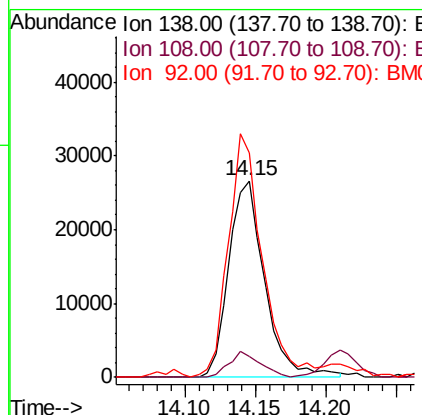
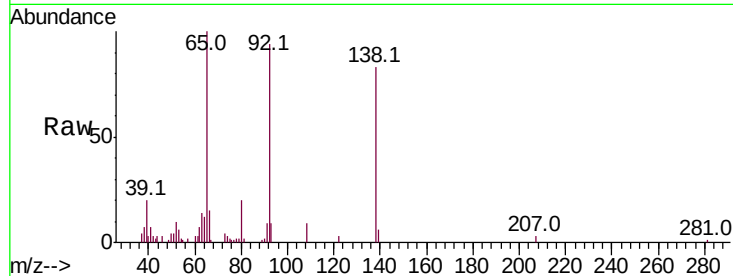
#53
3-Nitroaniline
Concen: 8.851 ng
RT: 14.15 min Scan# 1897
Delta R.T. -0.04 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.2	12.2
92	114.3	95.4	143.2

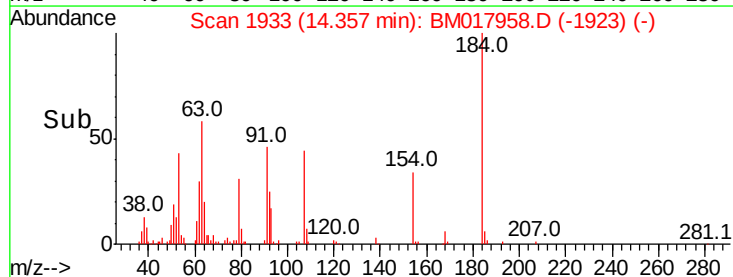
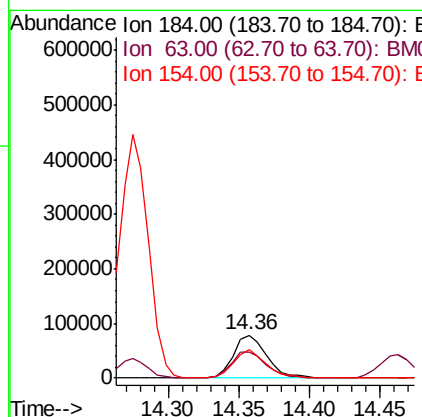
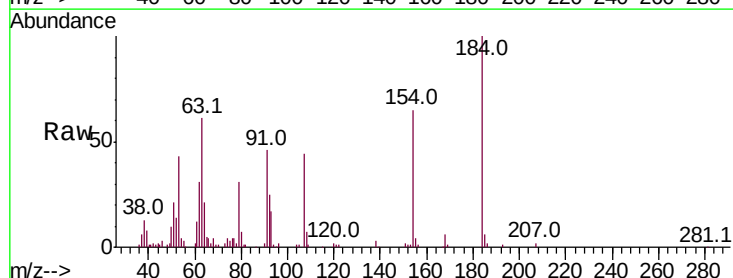
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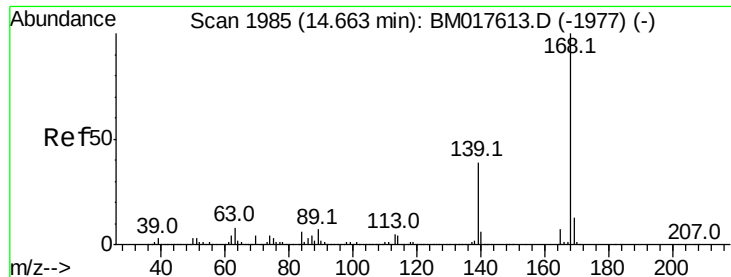
mohammad
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#54
2,4-Dinitrophenol
Concen: 47.029 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.04 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	55.1	82.7
154	65.5	51.3	76.9





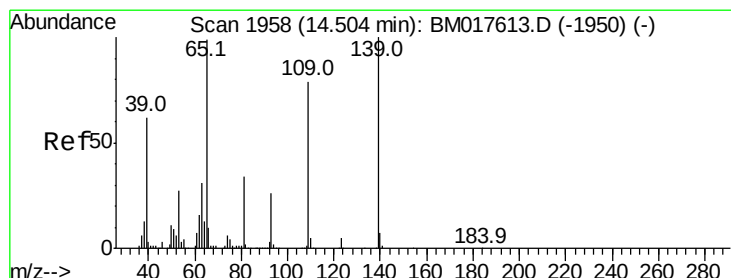
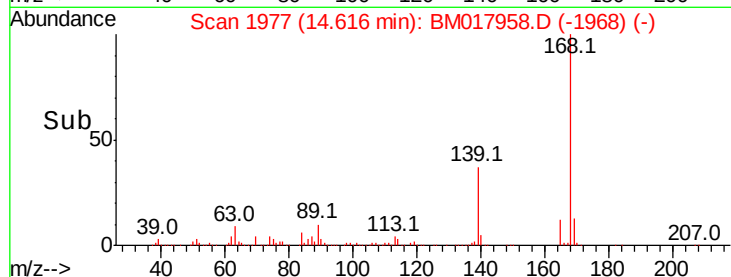
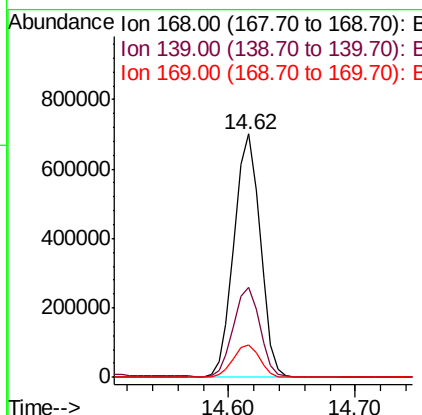
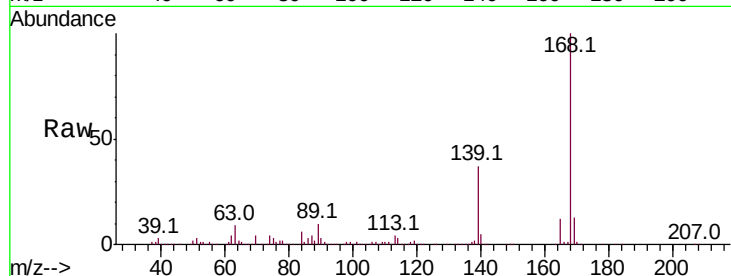
#55
Dibenzofuran
Concen: 36.977 ng
RT: 14.62 min Scan# 1977
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.0	46.6
169	13.1	10.6	16.0

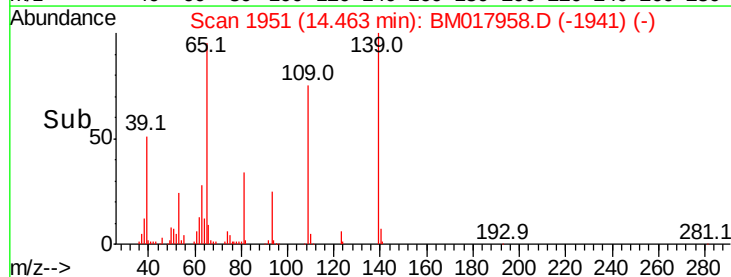
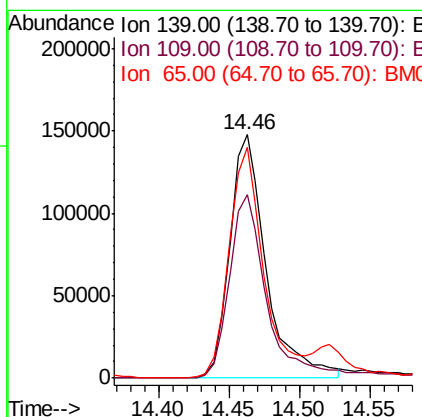
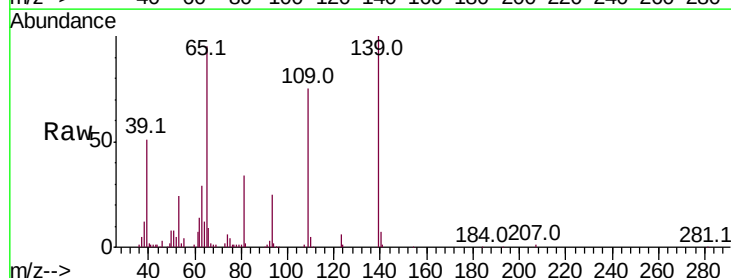
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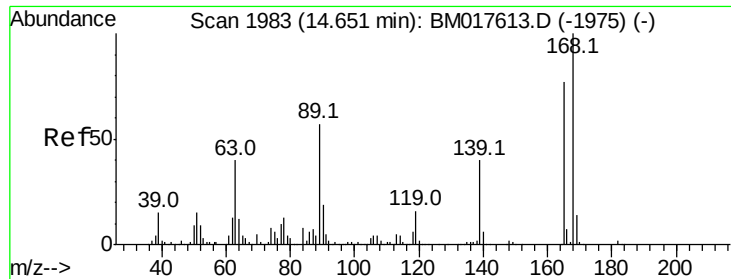
mohammad
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#56
4-Nitrophenol
Concen: 60.484 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.04 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.5	58.6	98.6
65	94.7	79.5	119.5





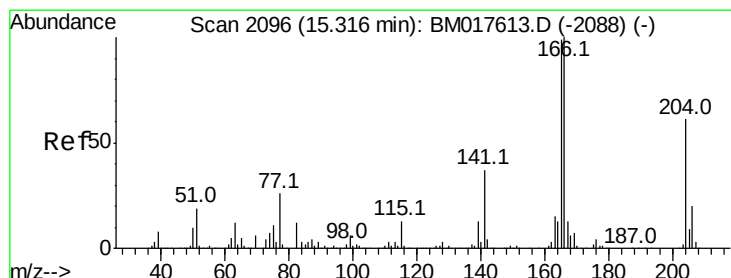
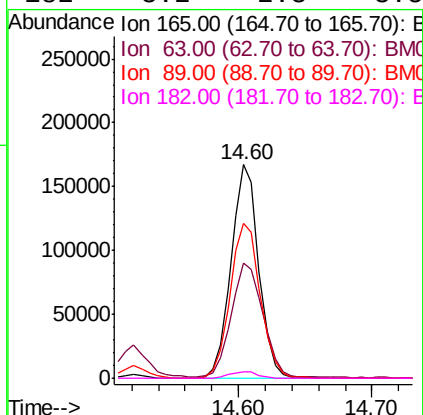
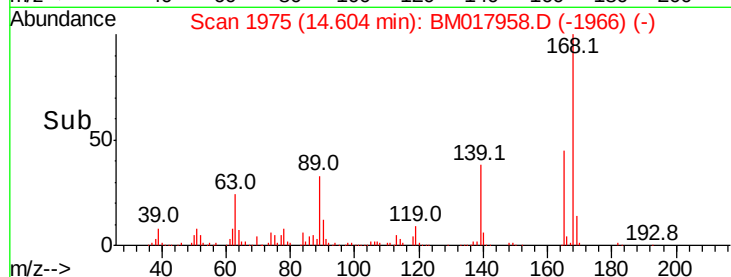
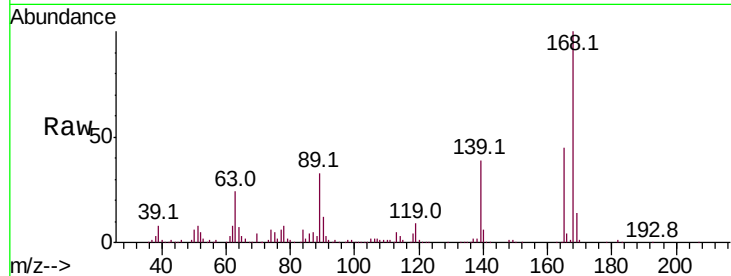
#57
2,4-Dinitrotoluene
Concen: 36.575 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	241861		
63	53.9		41.8	62.8
89	72.8		59.5	89.3
182	3.2		2.3	3.5

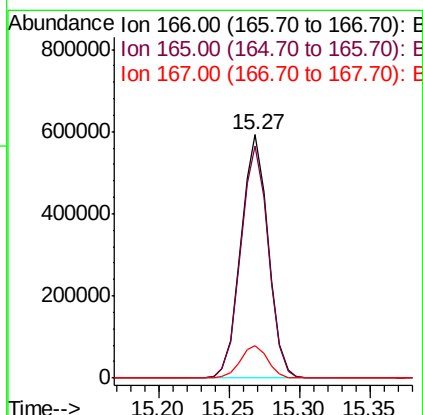
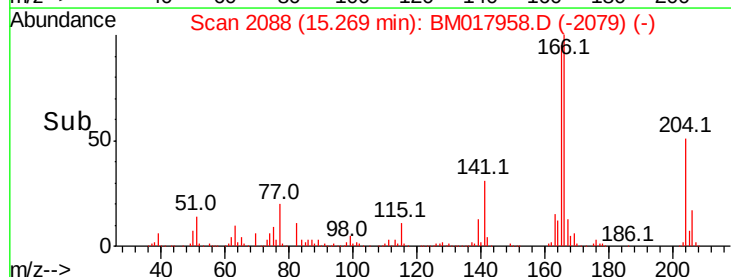
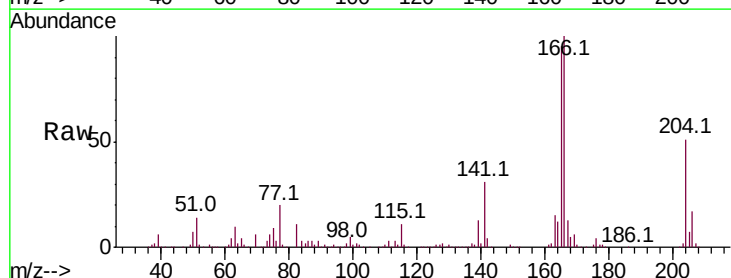
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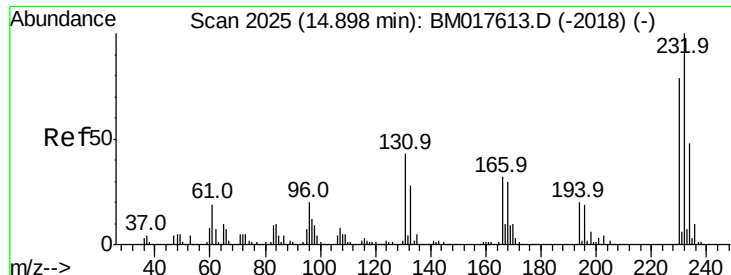
mohammad
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#58
Fluorene
Concen: 38.375 ng
RT: 15.27 min Scan# 2088
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	799157		
165	95.5		79.0	118.6
167	13.5		10.8	16.2





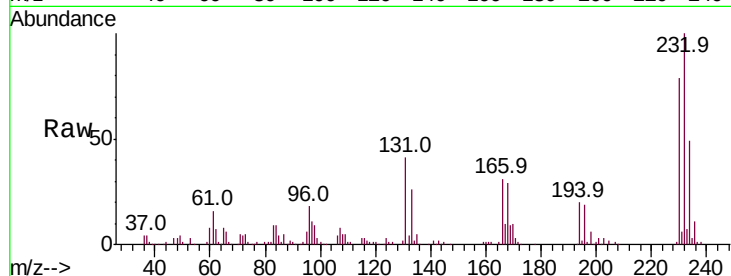
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.661 ng
 RT: 14.85 min Scan# 2017
 Delta R.T. -0.05 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BS

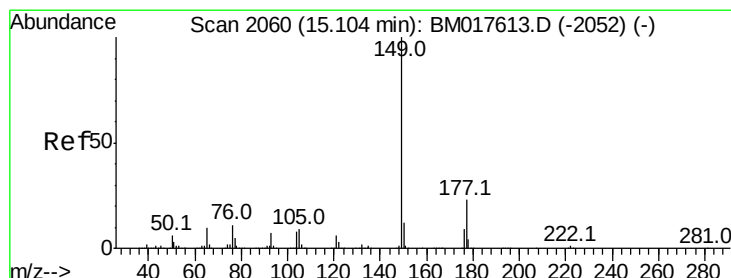
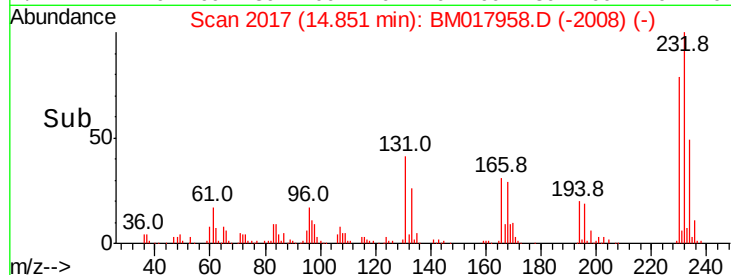
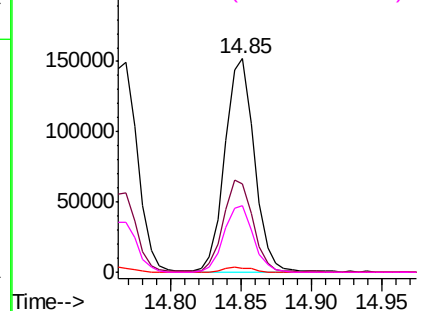
Tot Ion	Ratio	Resp	Lower	Upper
232	100	218896		
131	43.0		34.8	52.2
130	2.4		1.9	2.9
166	31.5		25.3	37.9

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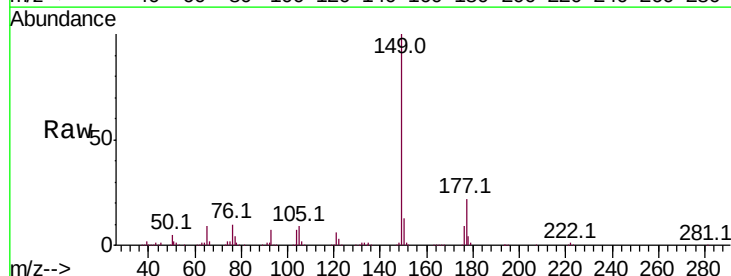


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

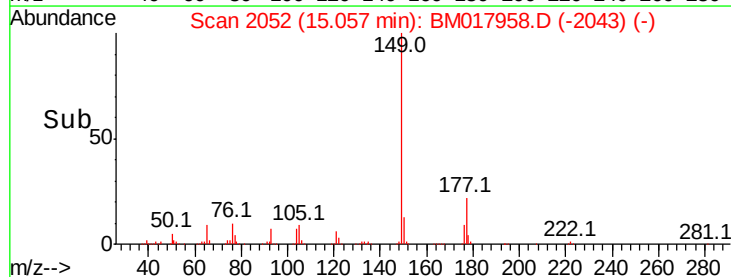
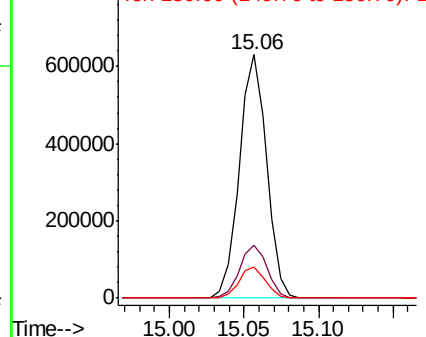


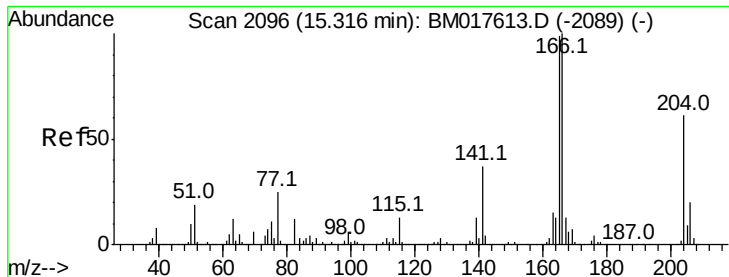
#60
 Diethylphthalate
 Concen: 33.697 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. -0.05 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	802098		
177	21.7		18.1	27.1
150	12.7		9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





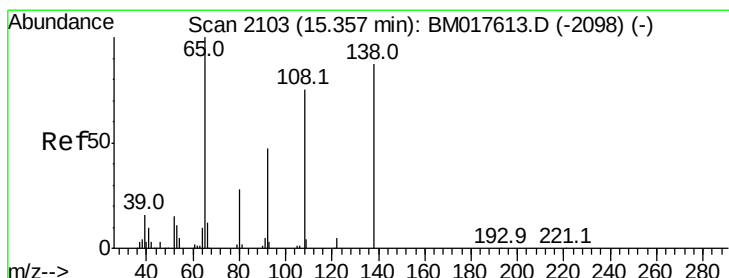
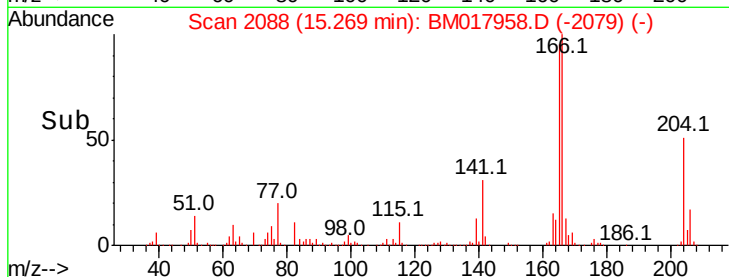
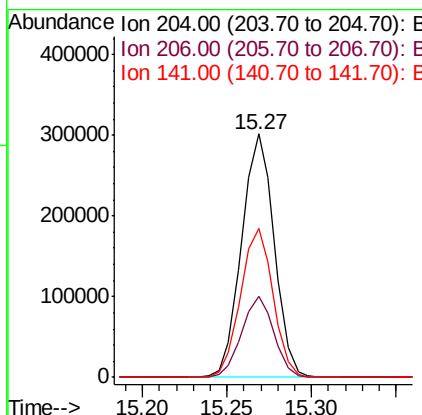
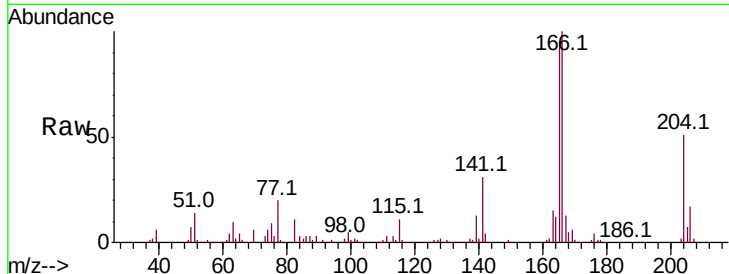
#61
 4-Chlorophenyl-phenylether
 Concen: 34.227 ng
 RT: 15.27 min Scan# 2088
 Delta R.T. -0.05 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.9	38.9
141	61.3	47.9	71.9

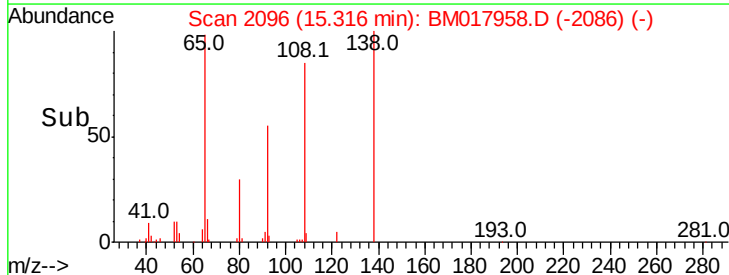
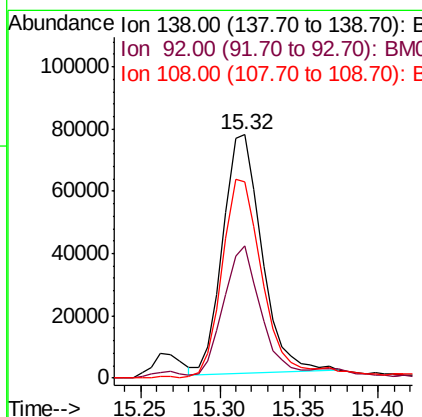
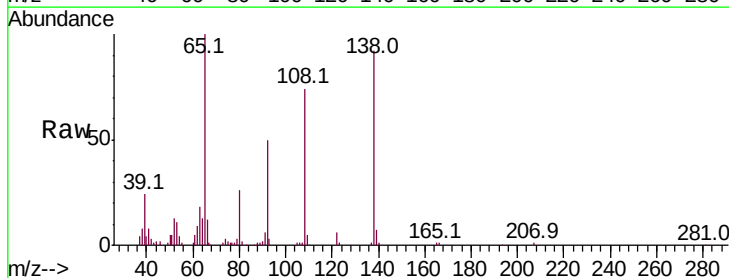
Manual Integrations
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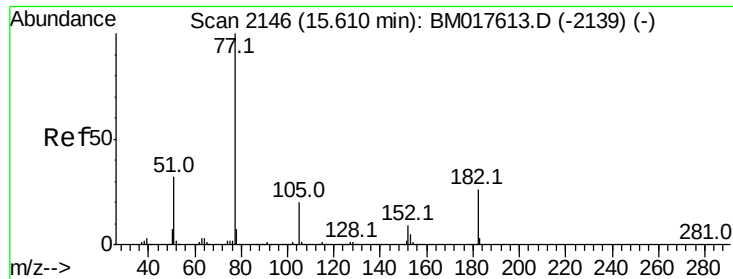
mohammad
 12/6/2018 12:20:34 PM



#62
 4-Nitroaniline
 Concen: 26.016 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.04 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	33.4	73.4
108	80.8	64.3	104.3





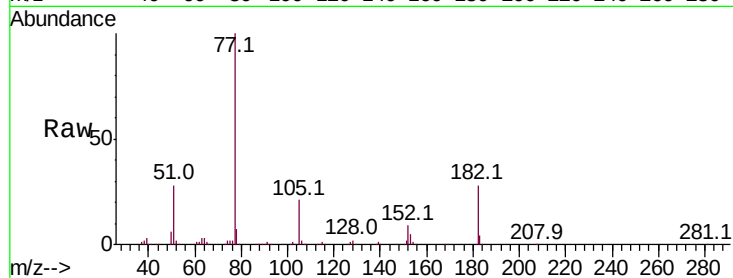
#63
Azobenzene
Concen: 33.876 ng
RT: 15.56 min Scan# 2138
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	5.8	45.8
105	21.2	0.0	40.0
51	28.0	12.5	52.5

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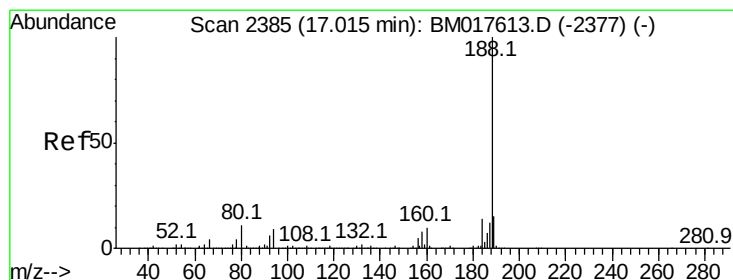
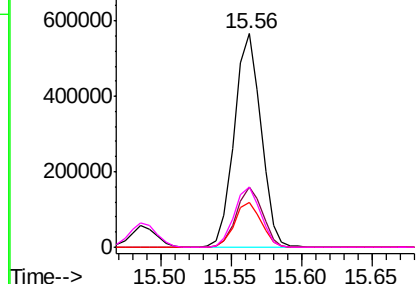
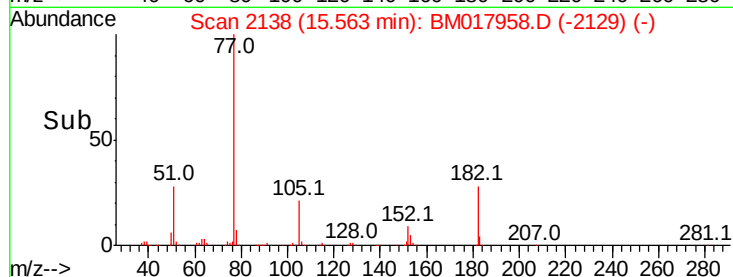


Abundance Ion 77.00 (76.70 to 77.70): BM017613.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM017613.D (-2139) (-)

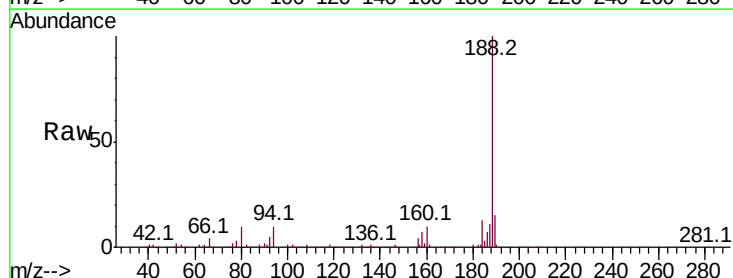
Ion 105.00 (104.70 to 105.70): BM017613.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM017613.D (-2139) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

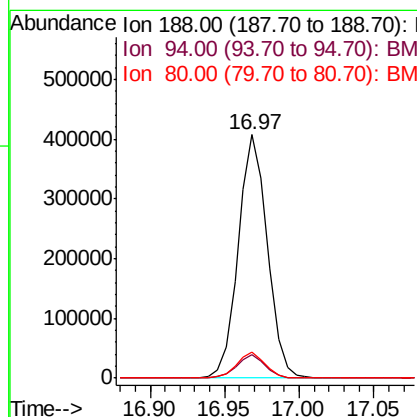
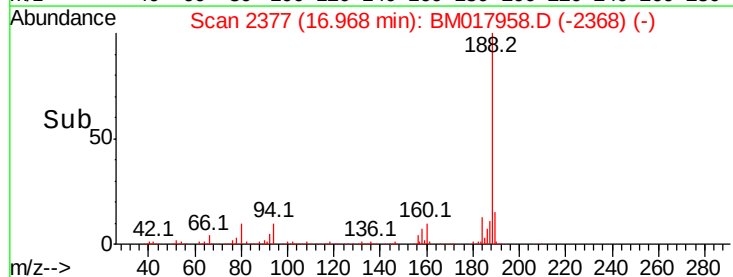
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.5	8.6	13.0

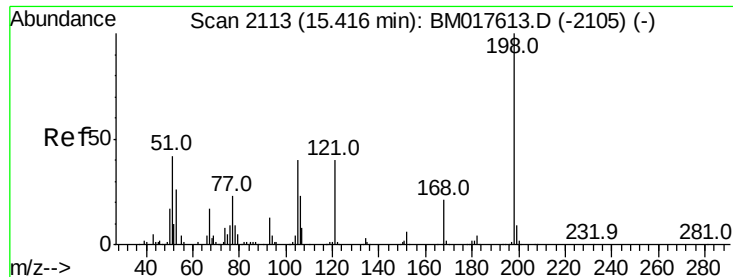


Abundance Ion 188.00 (187.70 to 188.70): BM017613.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017613.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017613.D (-2377) (-)





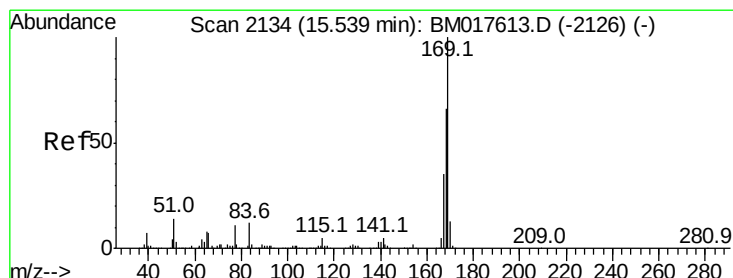
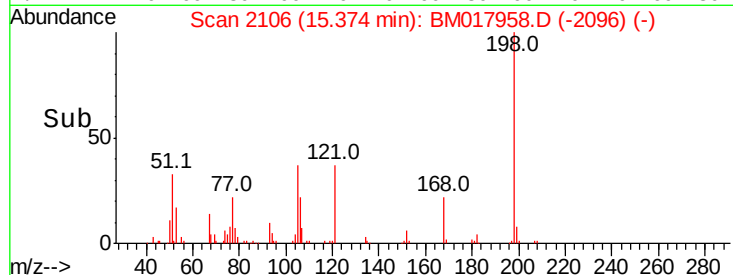
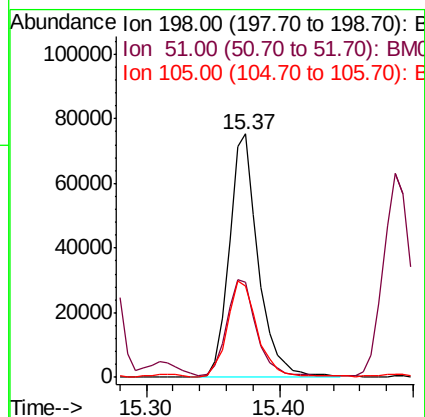
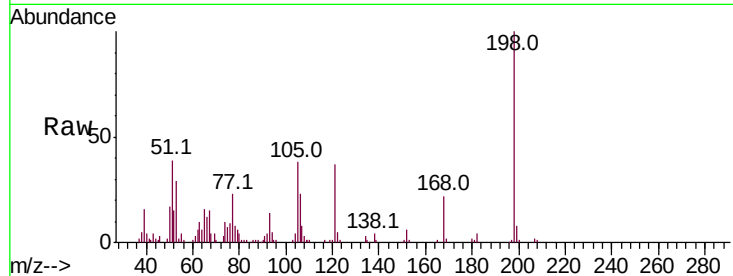
#65
4,6-Dinitro-2-methylphenol
Concen: 29.832 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.04 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	114187		
51	38.9	25.9	65.9	
105	37.6	20.6	60.6	

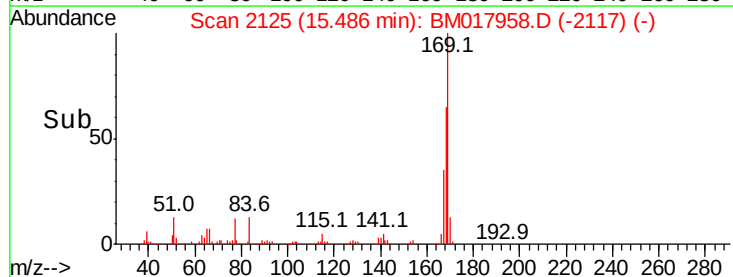
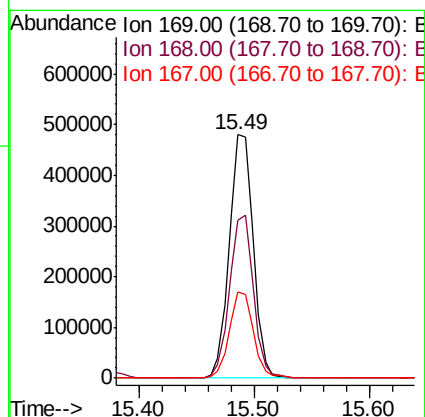
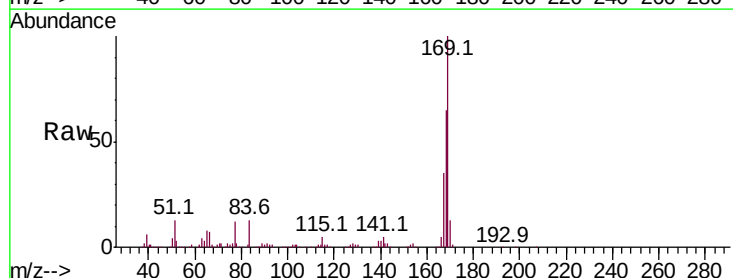
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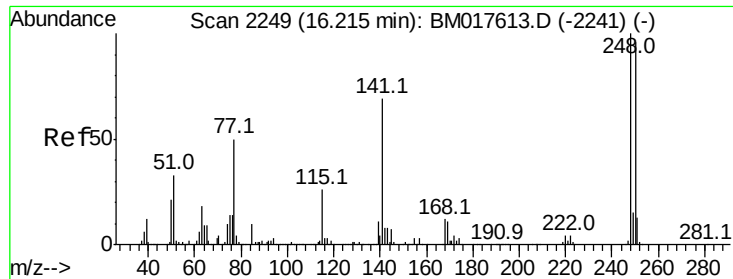
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#66
n-Nitrosodiphenylamine
Concen: 38.816 ng
RT: 15.49 min Scan# 2125
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	689544		
168	65.1	53.0	79.6	
167	35.4	28.0	42.0	





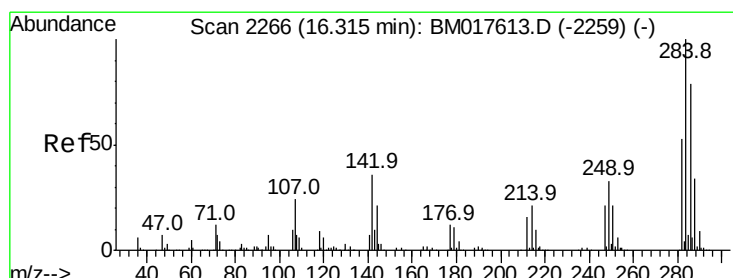
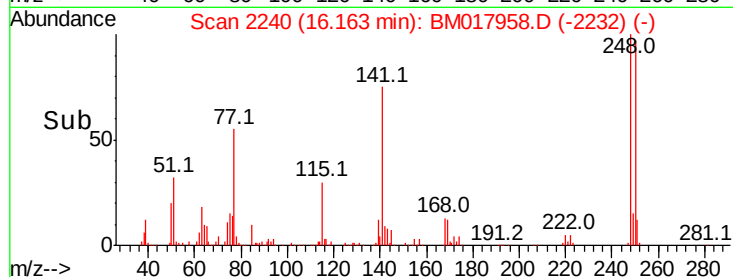
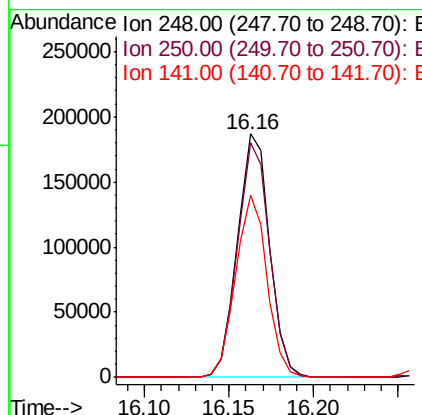
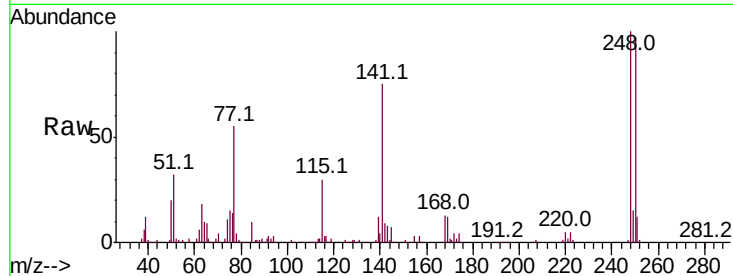
#67
4-Bromophenyl-phenylether
Concen: 37.898 ng
RT: 16.16 min Scan# 2240
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.5	114.7
141	75.0	54.9	82.3

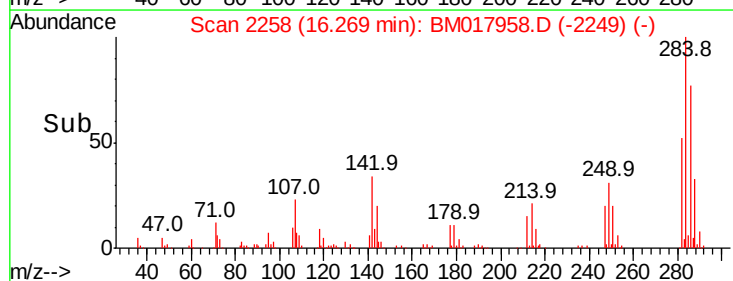
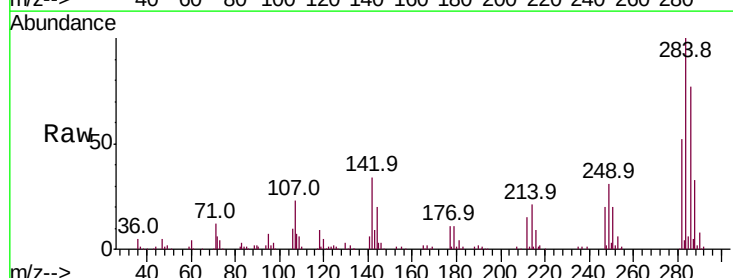
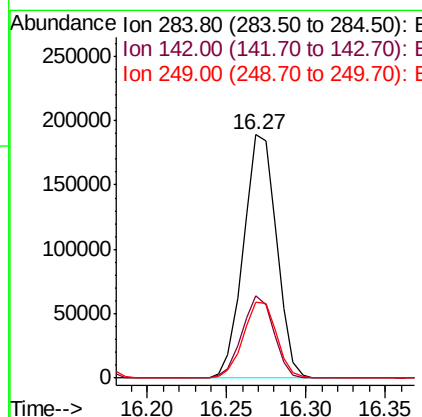
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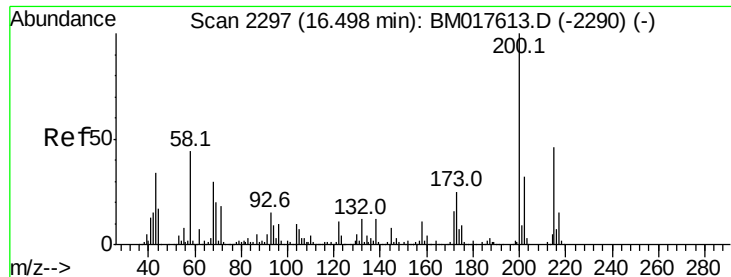
mohammad
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#68
Hexachlorobenzene
Concen: 37.194 ng
RT: 16.27 min Scan# 2258
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	28.4	42.6
249	31.0	26.4	39.6





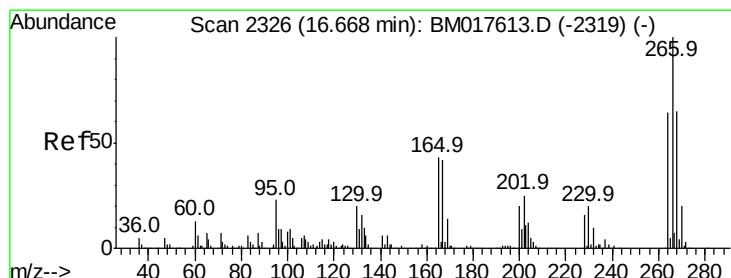
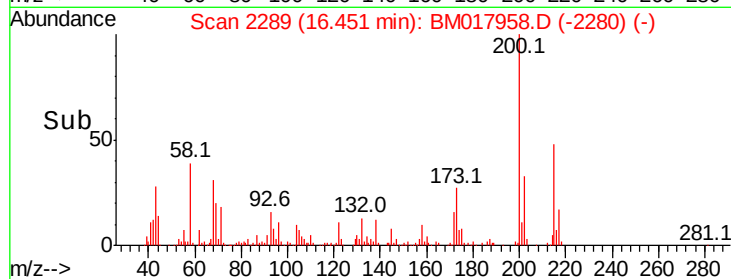
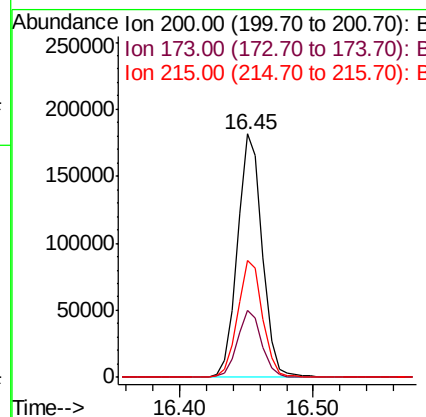
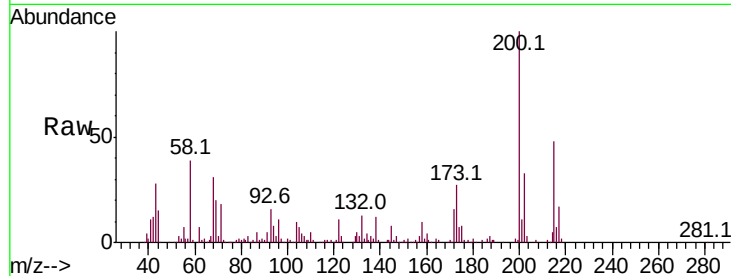
#69
Atrazine
Concen: 35.961 ng
RT: 16.45 min Scan# 2289
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	5.1	45.1
215	47.8	25.8	65.8

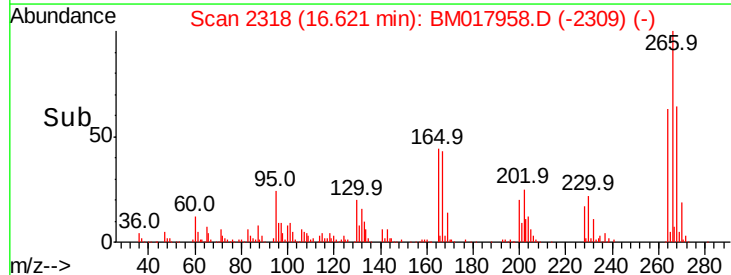
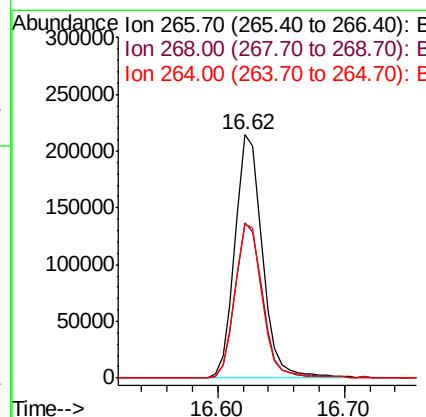
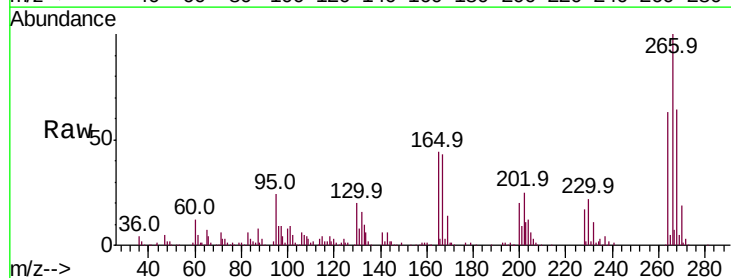
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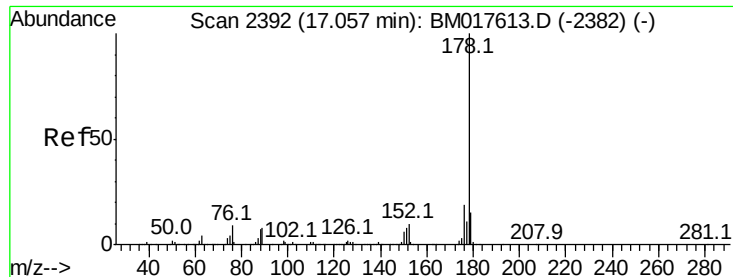
mohammad
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#70
Pentachlorophenol
Concen: 61.989 ng
RT: 16.62 min Scan# 2318
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.7	77.5
264	63.2	51.3	76.9





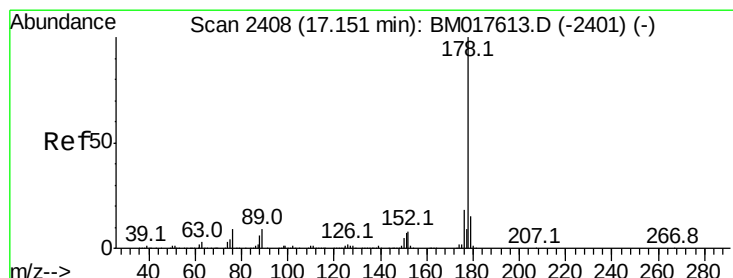
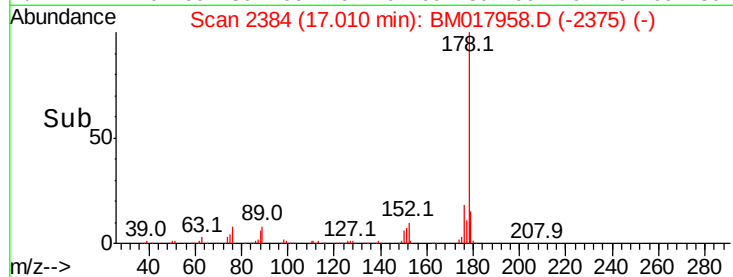
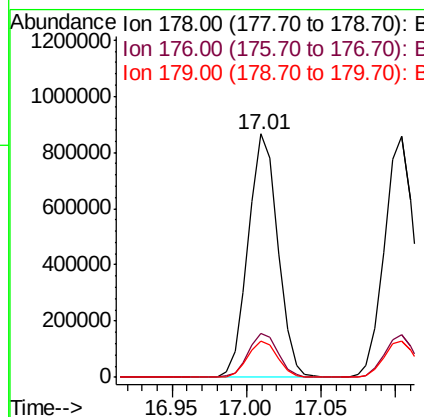
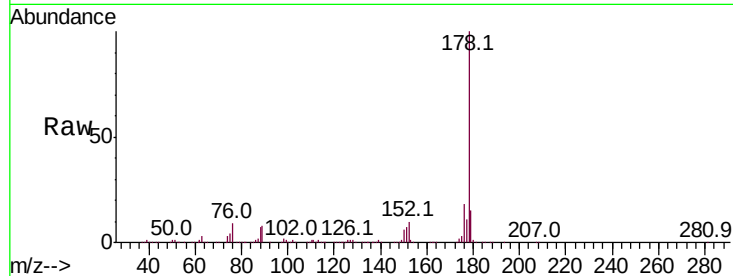
#71
Phenanthrene
Concen: 39.549 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	14.8	12.4	18.6

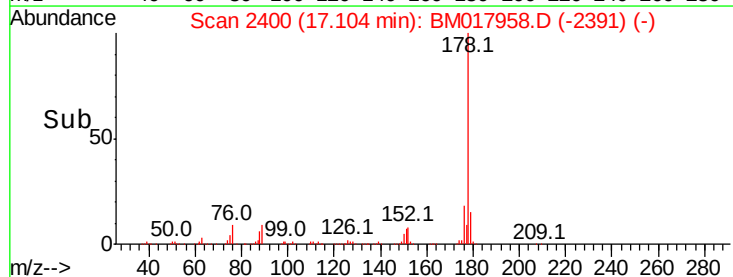
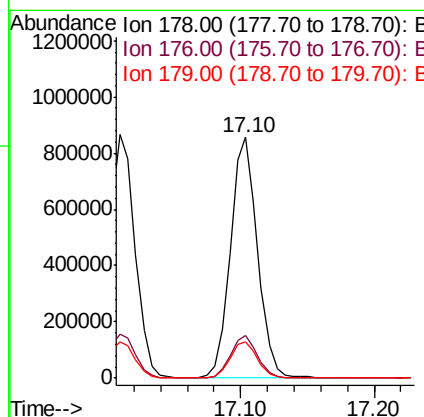
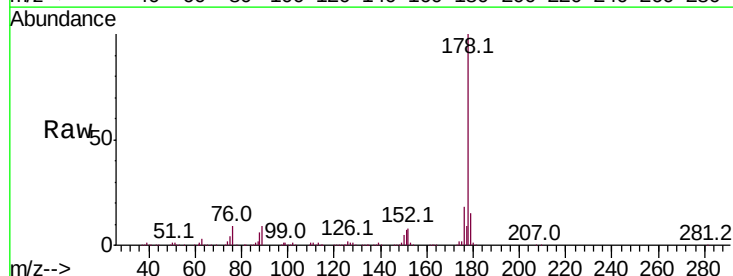
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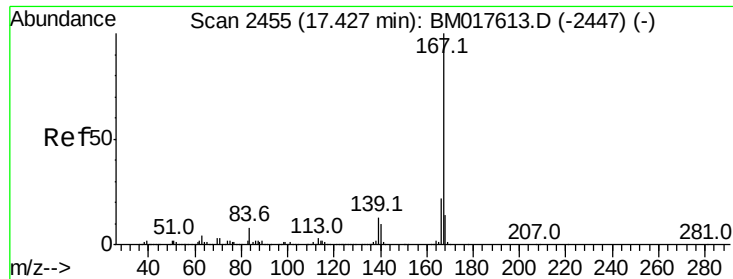
mohammad
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#72
Anthracene
Concen: 41.363 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.0	12.3	18.5





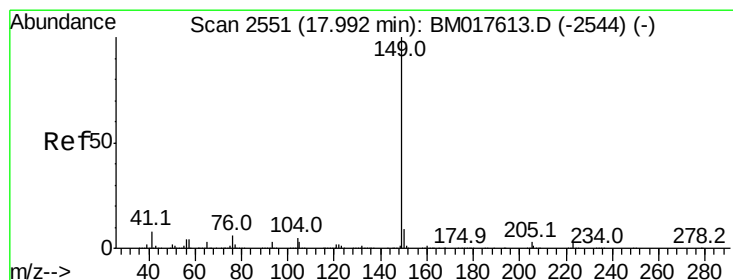
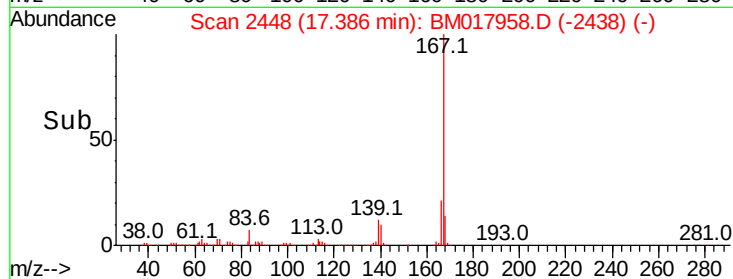
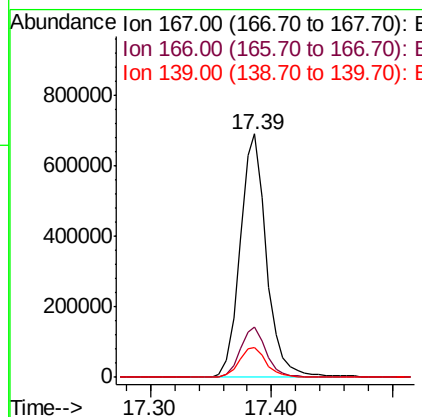
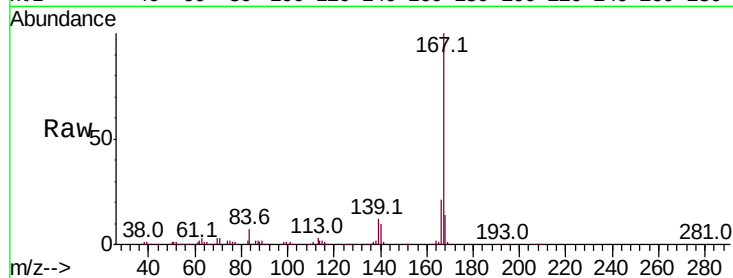
#73
 Carbazole
 Concen: 35.641 ng
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.04 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	12.2	10.2	15.4

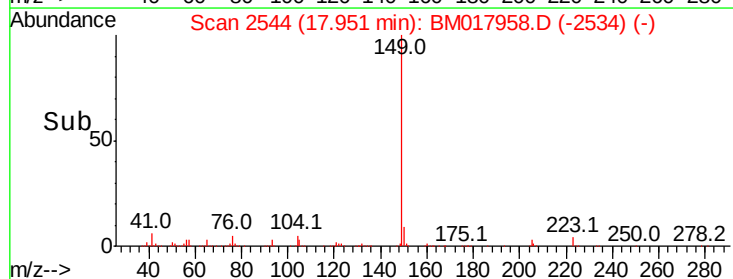
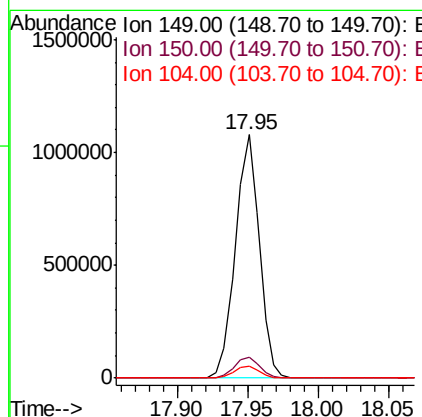
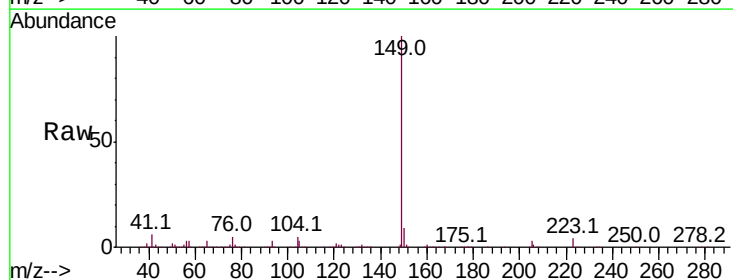
Manual Integrations
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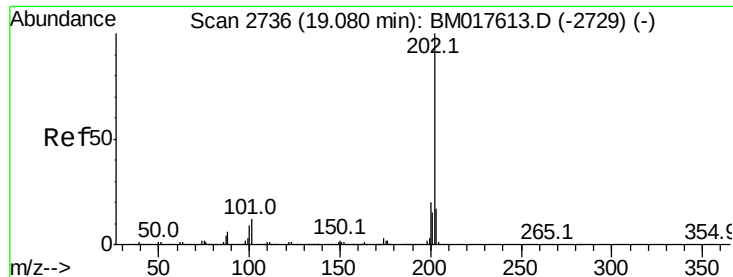
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.828 ng
 RT: 17.95 min Scan# 2544
 Delta R.T. -0.04 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.2
104	4.8	4.3	6.5





#75

Fluoranthene

Concen: 38.642 ng

RT: 19.04 min Scan# 2729

Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

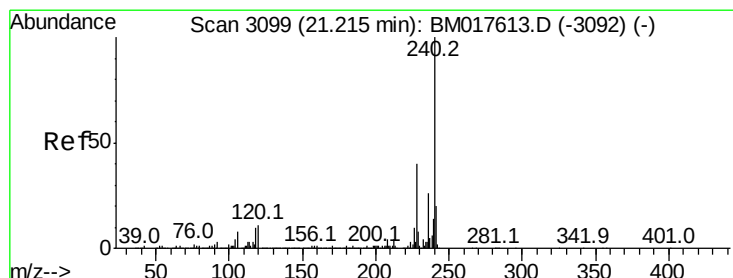
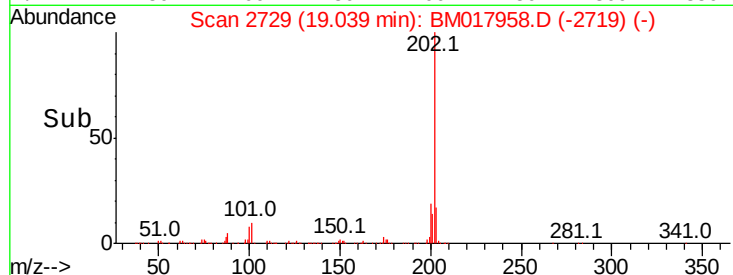
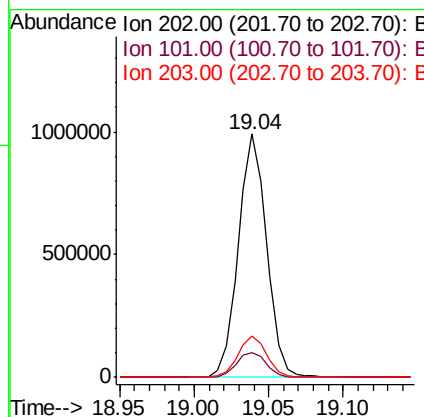
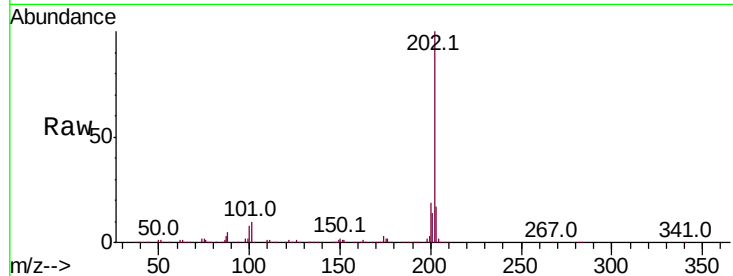
ClientSampleId :

PB115363BS

Tot Ion:	202	Resp:	1310847
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	31.5
203	17.2	0.0	37.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

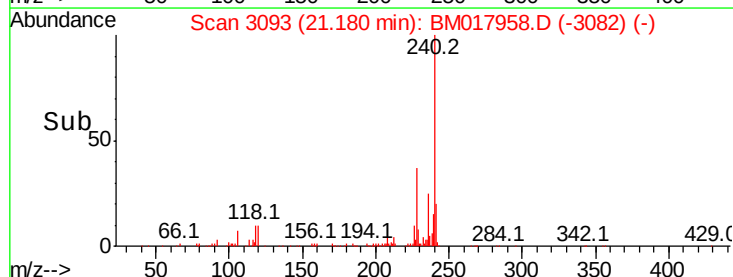
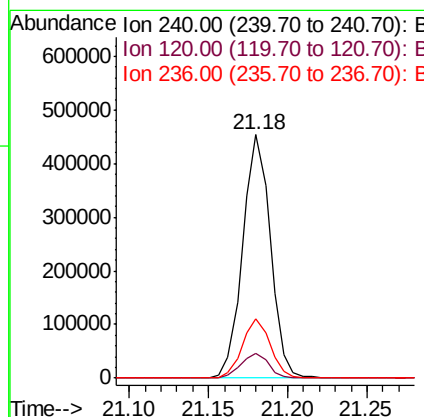
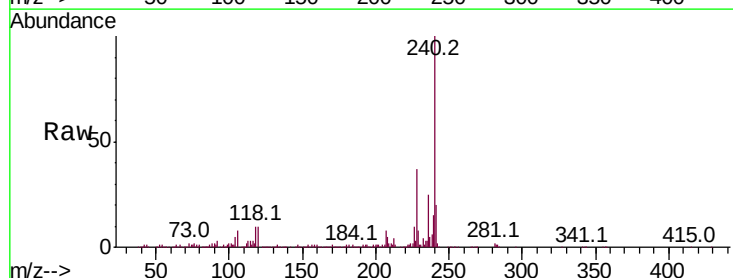
RT: 21.18 min Scan# 3093

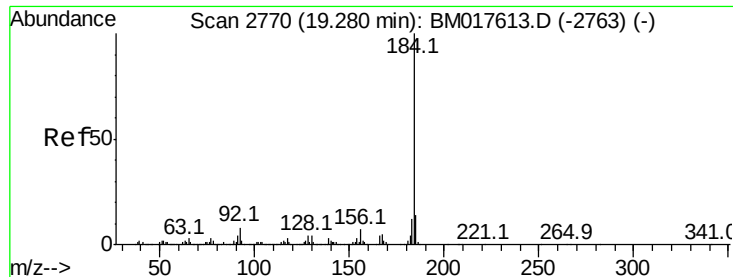
Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	240	Resp:	550873
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.5	12.7
236	24.5	20.4	30.6





#77

Benzidine

Concen: 22.396 ng

RT: 19.24 min Scan# 2764

Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

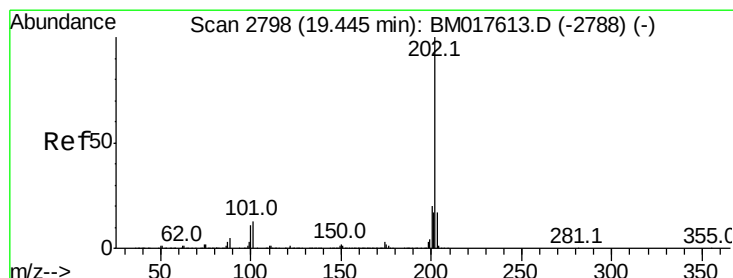
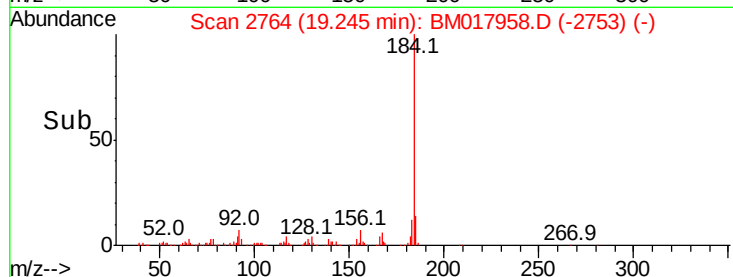
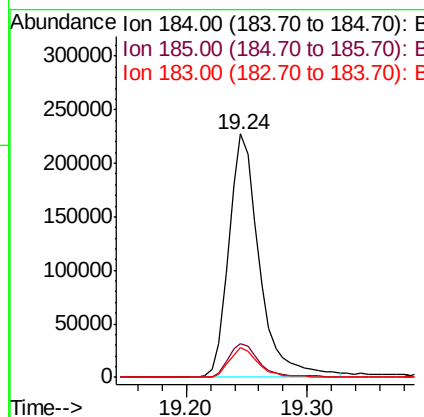
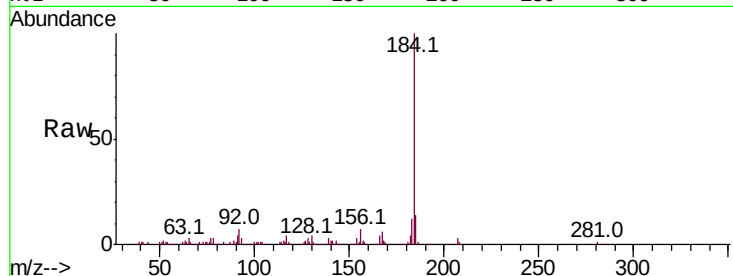
ClientSampleId :

PB115363BS

Tot Ion:	184	Resp:	401753
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.2	16.8
183	12.3	9.5	14.3

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#78

Pyrene

Concen: 39.496 ng

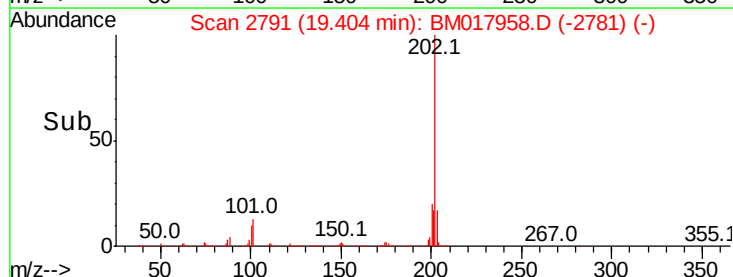
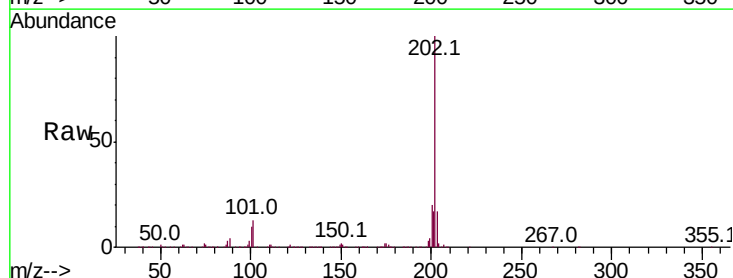
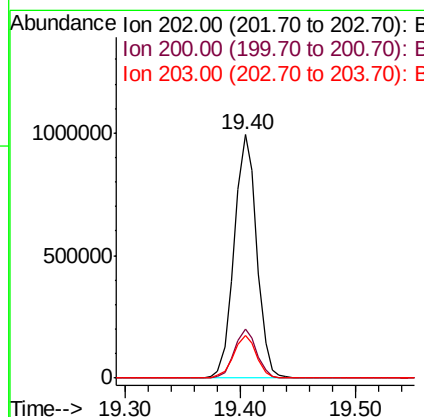
RT: 19.40 min Scan# 2791

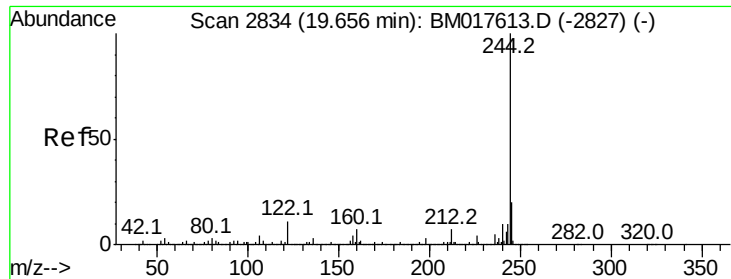
Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	202	Resp:	1342443
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.4	24.6
203	17.5	13.8	20.8





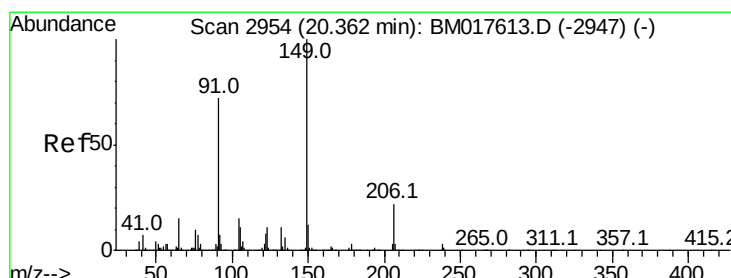
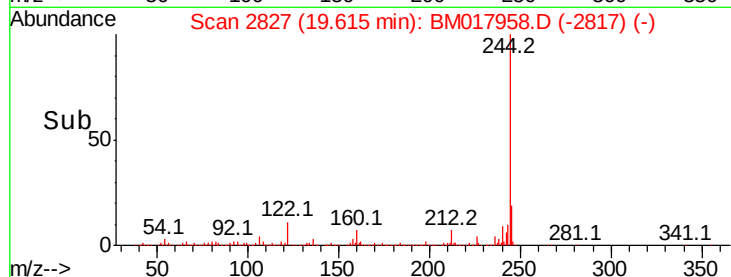
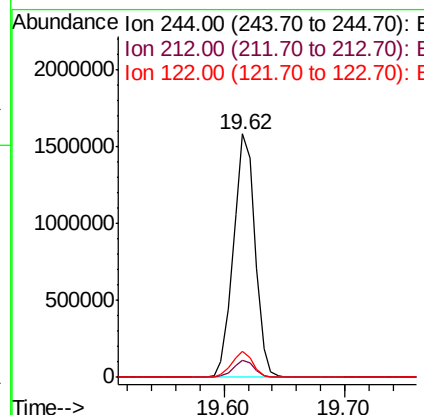
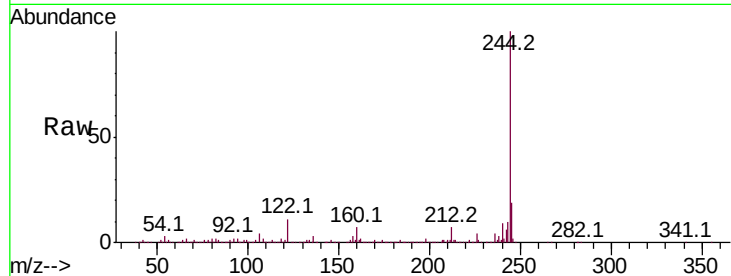
#79
 Terphenyl-d14
 Concen: 81.185 ng
 RT: 19.62 min Scan# 2827
 Delta R.T. -0.04 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Instrument :
 BNA_M
 ClientSampleId :
 PB115363BS

Tot Ion:244 Resp: 1973273
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.9 9.0 13.6

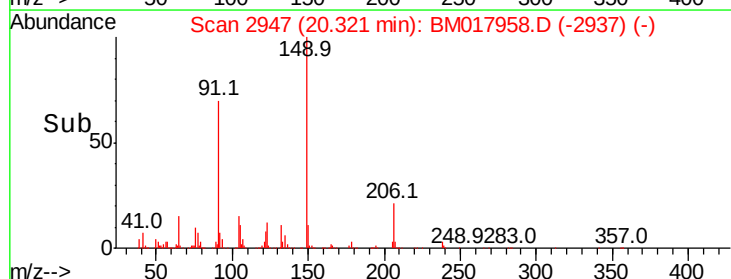
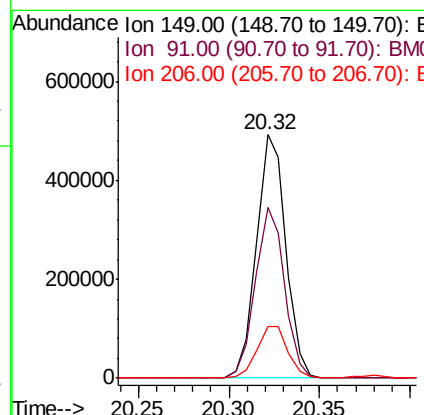
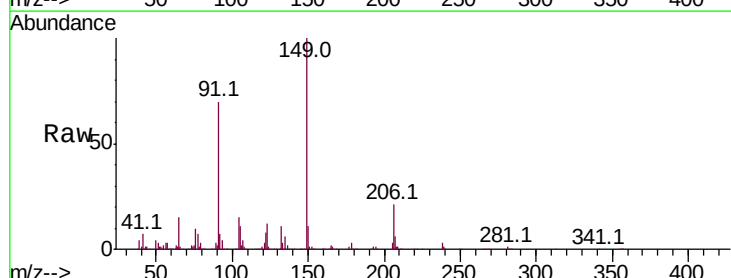
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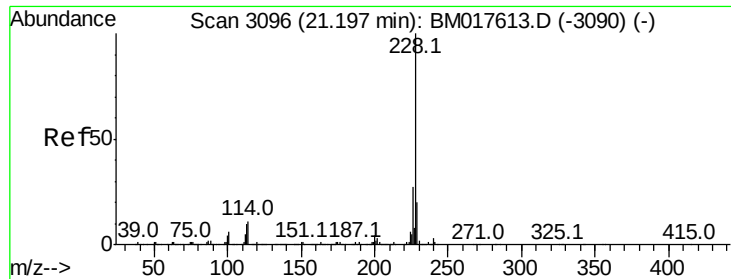
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#80
 Butylbenzylphthalate
 Concen: 40.134 ng
 RT: 20.32 min Scan# 2947
 Delta R.T. -0.04 min
 Lab File: BM017958.D
 Acq: 06 Dec 2018 05:38

Tgt Ion:149 Resp: 554057
 Ion Ratio Lower Upper
 149 100
 91 70.2 57.6 86.4
 206 21.3 17.4 26.0





#81

Benzo(a)anthracene

Concen: 40.230 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

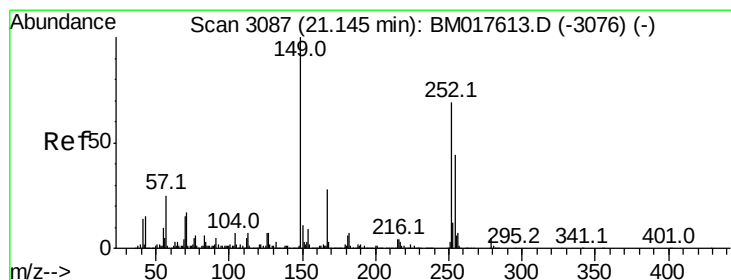
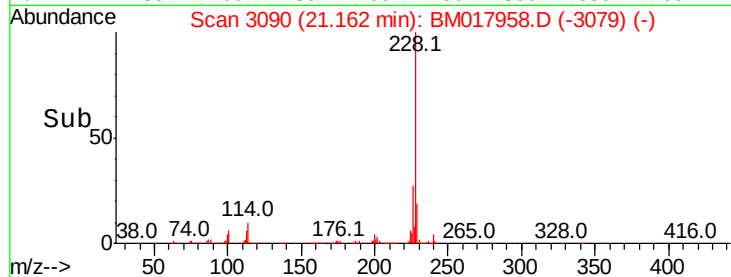
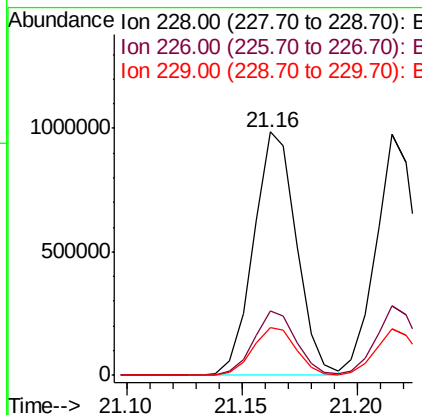
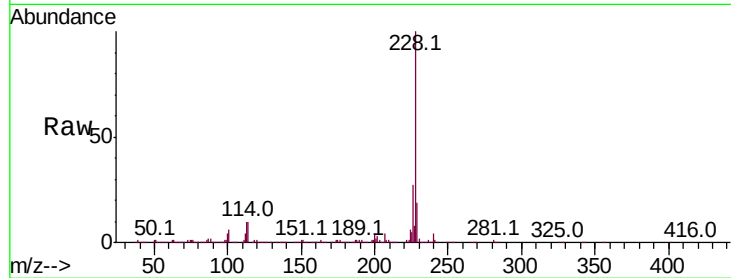
ClientSampleId :

PB115363BS

Tot Ion:	228	Resp:	1276778
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	19.5	16.0	24.0

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#82

3,3'-Dichlorobenzidine

Concen: 20.594 ng

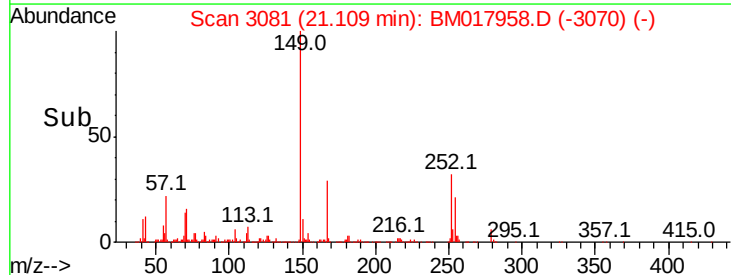
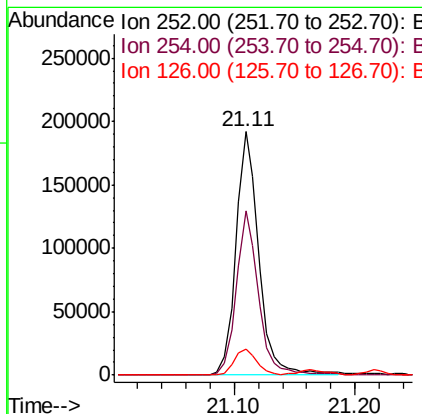
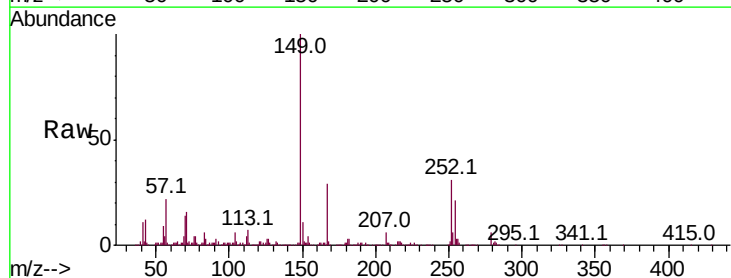
RT: 21.11 min Scan# 3081

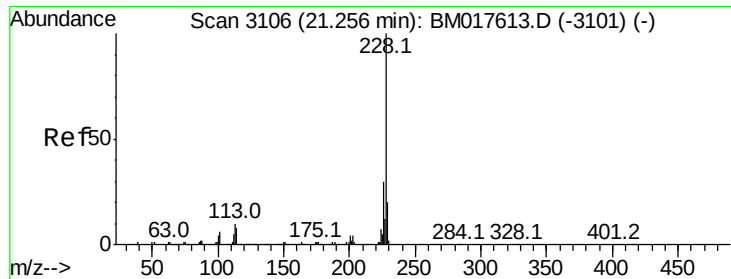
Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	252	Resp:	252248
Ion	Ratio	Lower	Upper
252	100		
254	67.6	51.4	77.2
126	10.9	8.0	12.0





#83

Chrysene

Concen: 39.014 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

ClientSampleId :

PB115363BS

Tot Ion:228 Resp: 1202609

Ion Ratio Lower Upper

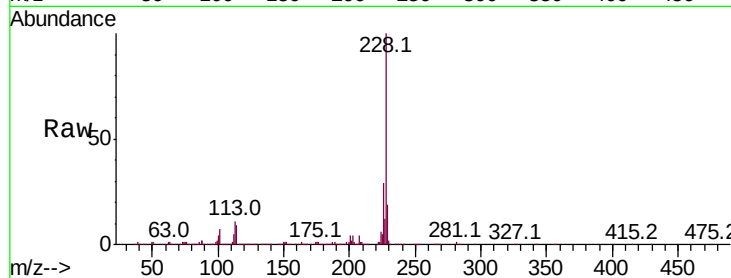
228 100

226 29.0 23.6 35.4

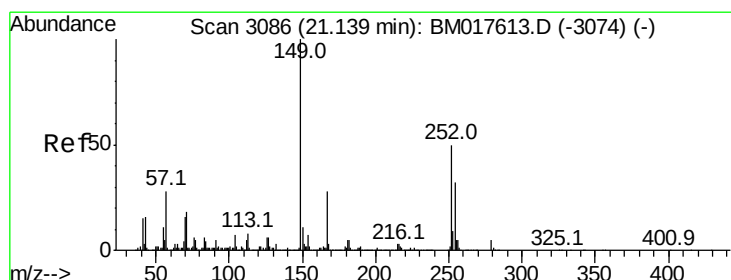
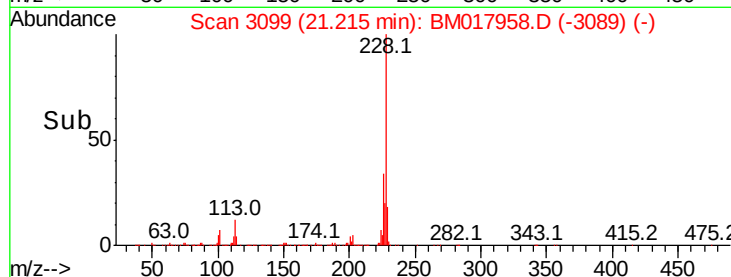
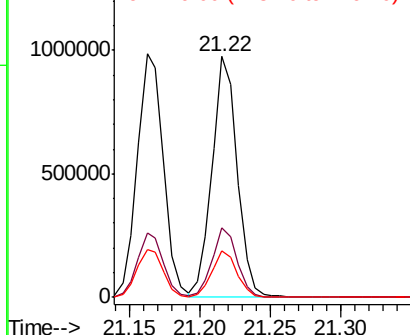
229 19.4 15.8 23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.322 ng

RT: 21.10 min Scan# 3080

Delta R.T. -0.04 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

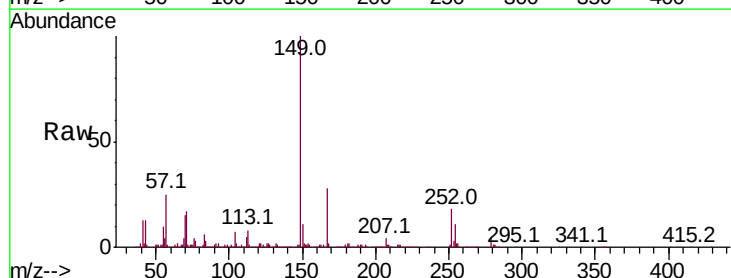
Tgt Ion:149 Resp: 802506

Ion Ratio Lower Upper

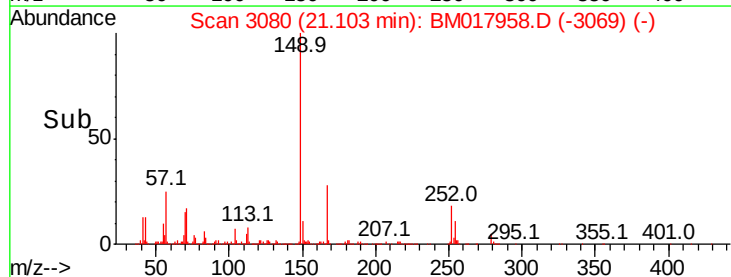
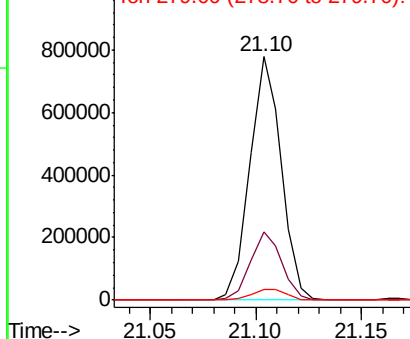
149 100

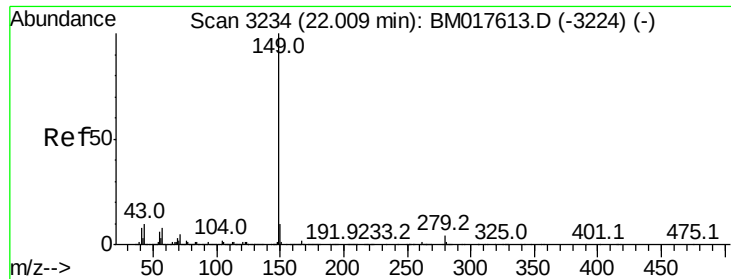
167 28.1 22.2 33.4

279 4.6 3.7 5.5



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





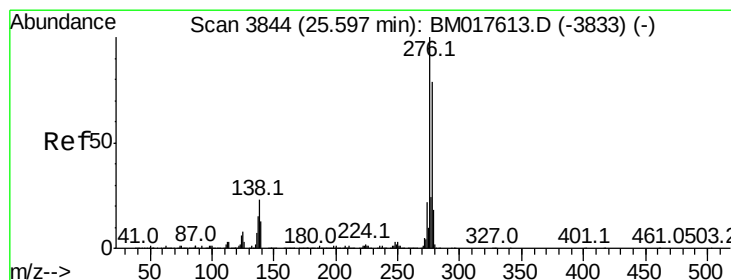
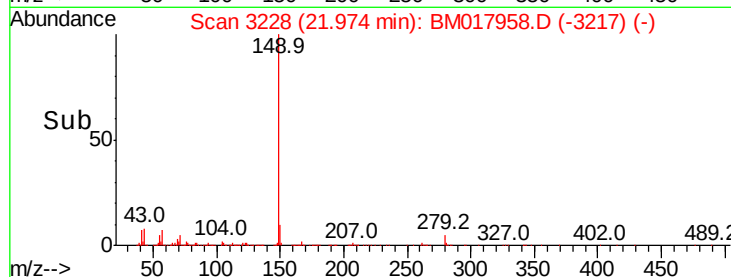
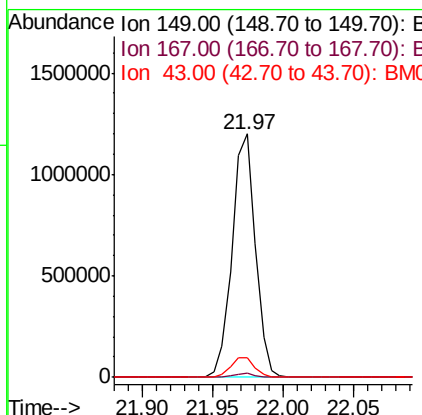
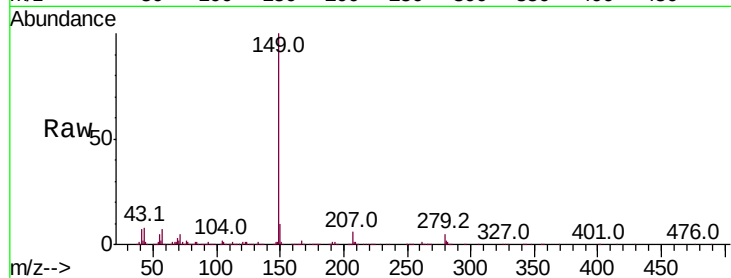
#85
Di-n-octyl phthalate
Concen: 42.149 ng
RT: 21.97 min Scan# 3228
Delta R.T. -0.04 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	8.3	12.5#

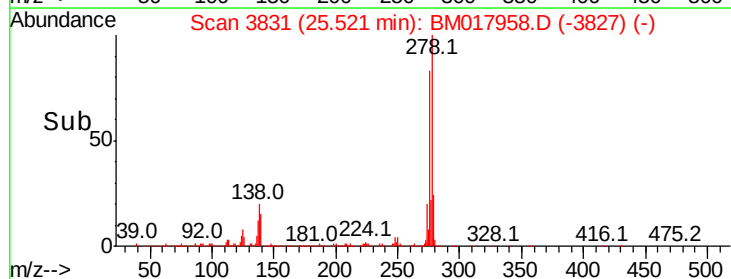
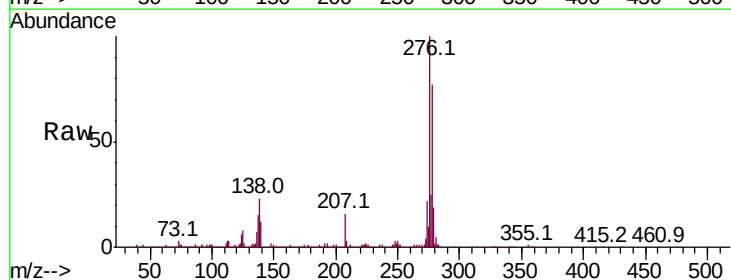
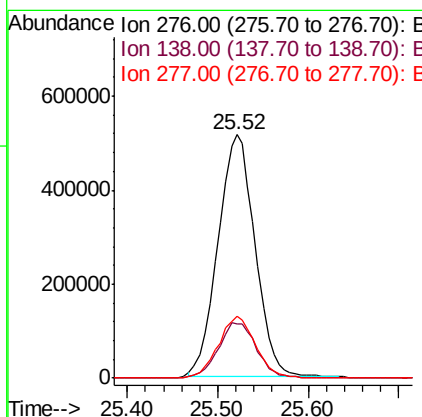
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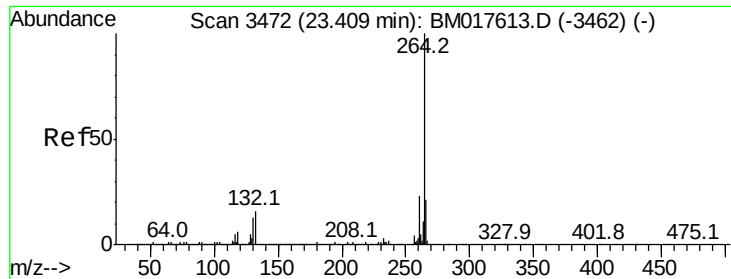
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.107 ng
RT: 25.52 min Scan# 3831
Delta R.T. -0.08 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.1	28.7
277	24.7	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.05 min

Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Instrument :

BNA_M

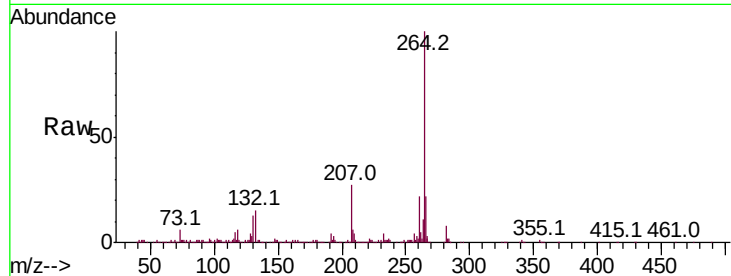
ClientSampleId :

PB115363BS

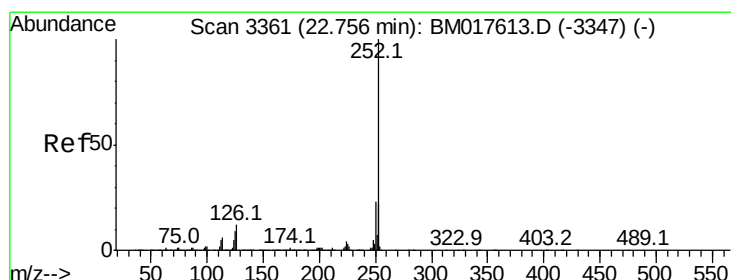
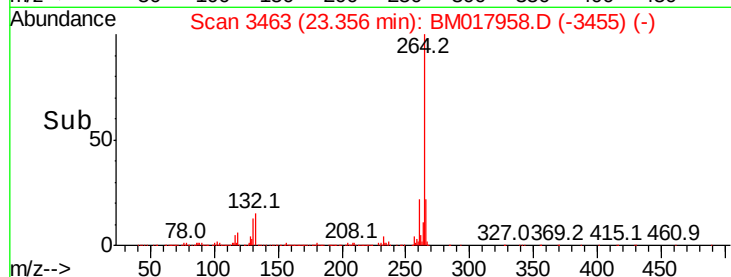
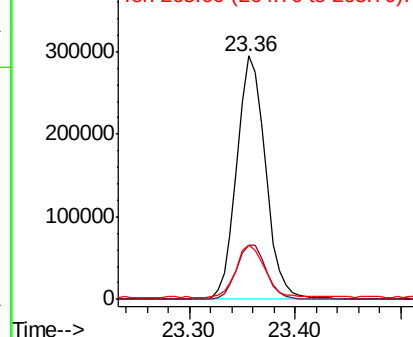
Tot Ion:	264	Resp:	557760
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.2	27.2
265	22.5	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.233 ng

RT: 22.71 min Scan# 3353

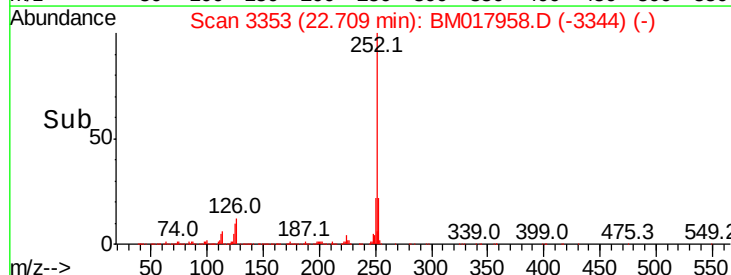
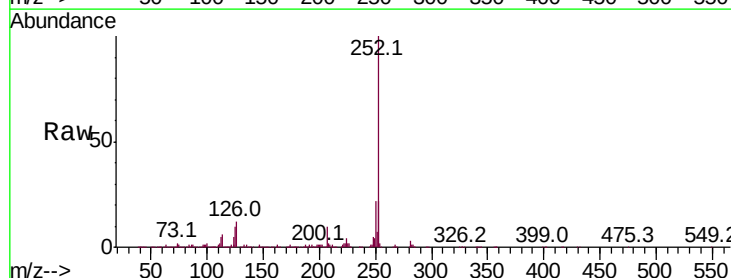
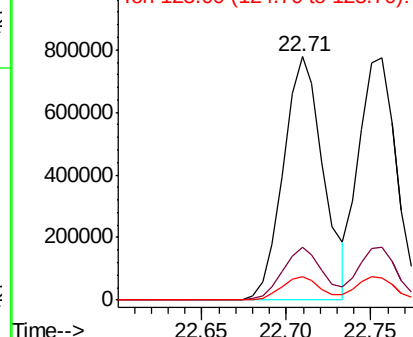
Delta R.T. -0.05 min

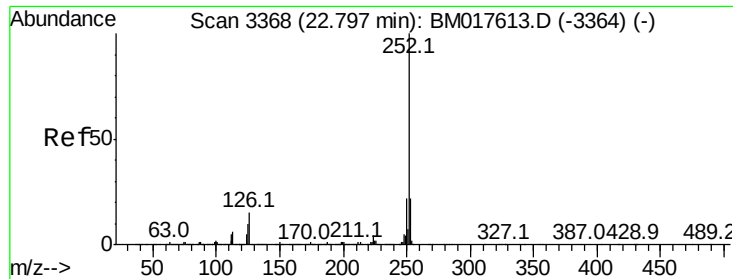
Lab File: BM017958.D

Acq: 06 Dec 2018 05:38

Tgt Ion:	252	Resp:	1281506
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.3	25.9
125	9.7	7.6	11.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





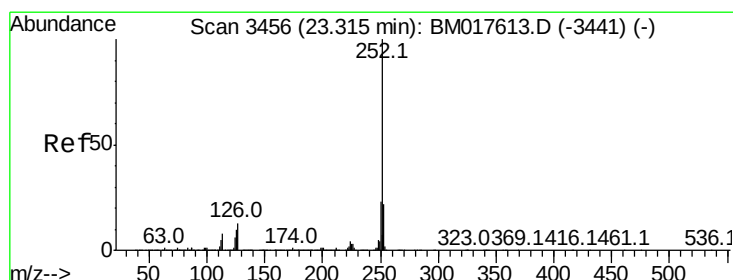
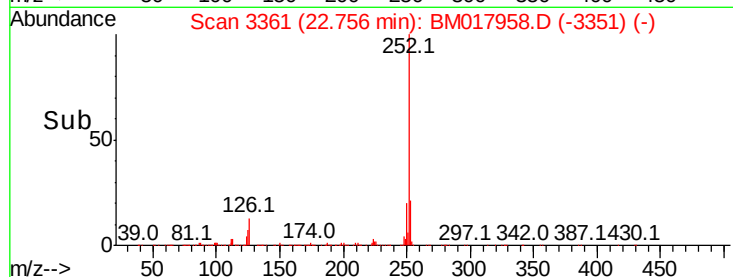
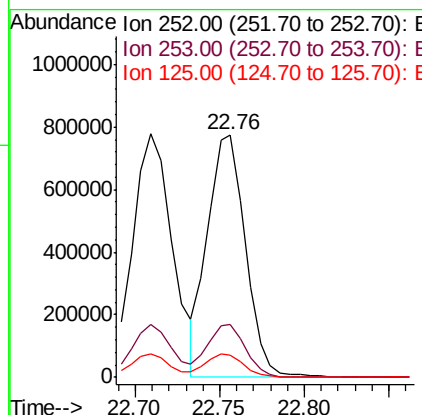
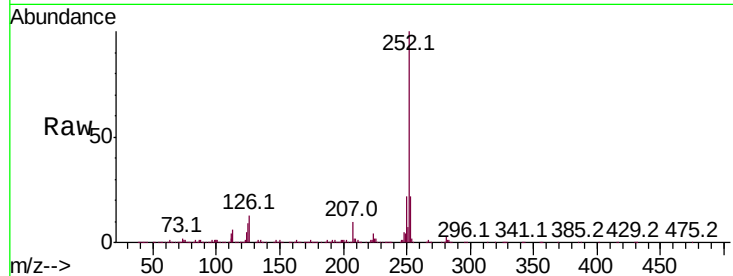
#89
Benzo(k)fluoranthene
Concen: 36.431 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.9	7.9	11.9

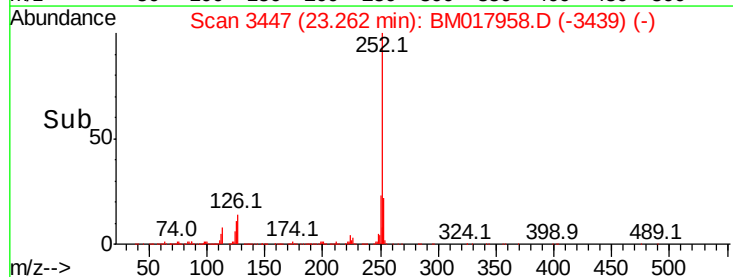
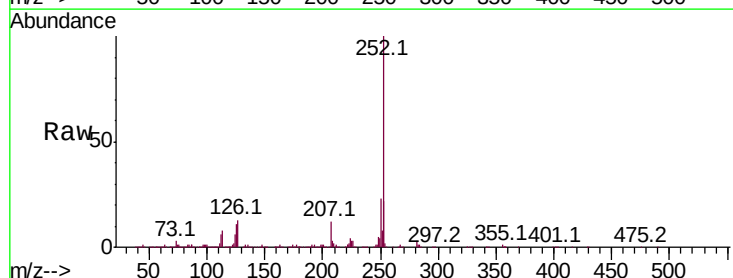
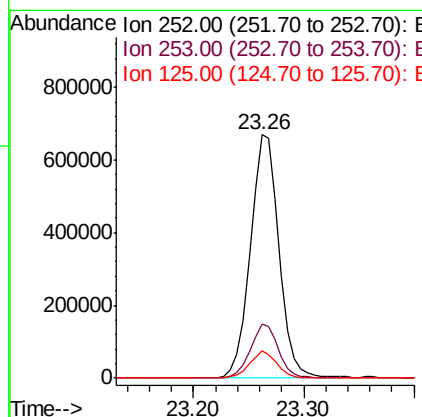
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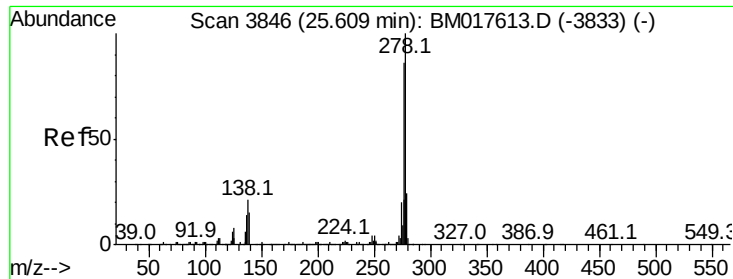
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#90
Benzo(a)pyrene
Concen: 40.839 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.05 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.2	8.2	12.2





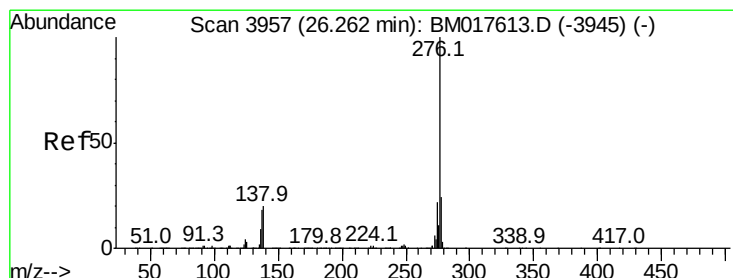
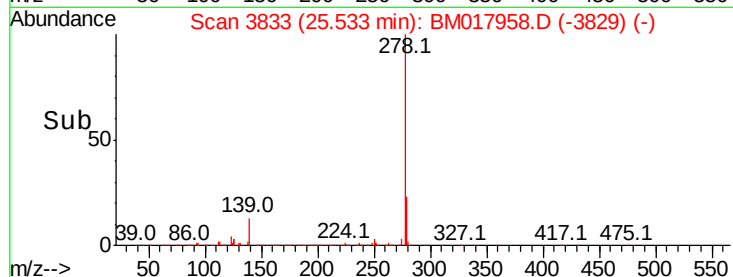
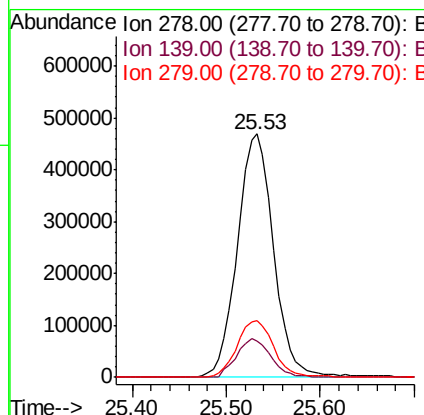
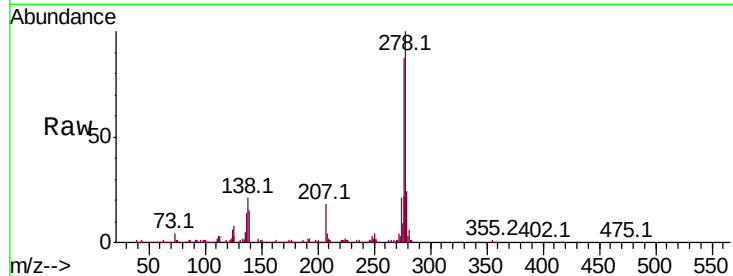
#91
Dibenzo(a,h)anthracene
Concen: 49.845 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.08 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Instrument :
BNA_M
ClientSampleId :
PB115363BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.6
279	23.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 51.867 ng
RT: 26.19 min Scan# 3944
Delta R.T. -0.08 min
Lab File: BM017958.D
Acq: 06 Dec 2018 05:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.2	15.9	23.9

