

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017928.D
 Acq On : 05 Dec 2018 07:12
 Operator : JU/SJ
 Sample : PB115307BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Manual Integrations
 APPROVED

mohammad
 12/5/2018 4:50:23 PM

Quant Time: Dec 05 10:09:07 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	7.58	152	126676	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	503571	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	266448	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	558003	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	612978	20.00	ng	-0.02
87) Perylene-d12	23.37	264	693987	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	573261	76.37	ng	-0.03
7) Phenol-d6	6.77	99	744243	70.99	ng	-0.04
23) Nitrobenzene-d5	8.73	82	668827	68.57	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	276059	72.11	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1565274	76.21	ng	-0.04
79) Terphenyl-d14	19.63	244	2056283	76.03	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	95059	30.408	ng	# 86
3) Pyridine	3.59	79	259234	28.270	ng	# 84
4) n-Nitrosodimethylamine	3.50	42	113599	28.123	ng	# 75
6) Aniline	6.92	93	193149	14.857	ng	96
8) 2-Chlorophenol	7.15	128	315443	35.115	ng	94
9) Benzaldehyde	6.74	77	140500	18.398	ng	94
10) Phenol	6.80	94	364683	33.142	ng	95
11) bis(2-Chloroethyl)ether	7.02	93	273288	31.461	ng	94
12) 1,3-Dichlorobenzene	7.47	146	343967	34.129	ng	96
13) 1,4-Dichlorobenzene	7.62	146	345610	33.456	ng	99
14) 1,2-Dichlorobenzene	7.92	146	335523	33.496	ng	98
15) Benzyl Alcohol	7.83	79	252733	30.272	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	309398	23.394	ng	91
17) 2-Methylphenol	8.03	107	250606	33.808	ng	96
18) Hexachloroethane	8.63	117	109102	29.965	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	216687	28.787	ng	91
20) 3+4-Methylphenols	8.36	107	330549	32.095	ng	97
22) Acetophenone	8.40	105	434277	34.554	ng	# 92
24) Nitrobenzene	8.77	77	316336	31.964	ng	96
25) Isophorone	9.30	82	565619	37.543	ng	98
26) 2-Nitrophenol	9.48	139	145261	31.865	ng	94
27) 2,4-Dimethylphenol	9.55	122	271522	41.329	ng	98
28) bis(2-Chloroethoxy)methane	9.78	93	351860	34.483	ng	98
29) 2,4-Dichlorophenol	10.01	162	267211	35.038	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	299490	33.764	ng	97
31) Naphthalene	10.40	128	912980	36.875	ng	99
32) Benzoic acid	9.70	122	167301	28.112	ng	95
33) 4-Chloroaniline	10.53	127	98921	9.123	ng	97
34) Hexachlorobutadiene	10.67	225	186230	33.819	ng	98
35) Caprolactam	11.32	113	82682m	29.440	ng	
36) 4-Chloro-3-methylphenol	11.66	107	283770	32.228	ng	98
37) 2-Methylnaphthalene	12.02	142	648088	37.036	ng	98
38) 1-Methylnaphthalene	12.24	142	619192	36.088	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	328115	34.922	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	220310	45.377	nq	99
43) 2,4,6-Trichlorophenol	12.65	196	213484	36.275	nq	96
44) 2,4,5-Trichlorophenol	12.72	196	224525	36.132	nq	99
46) 1,1'-Biphenyl	13.05	154	797717	33.354	nq	99
47) 2-Chloronaphthalene	13.09	162	621439	35.007	nq	99
48) 2-Nitroaniline	13.32	65	175679	32.000	nq	88
49) Acenaphthylene	13.95	152	1000315	37.505	nq	99
50) Dimethylphthalate	13.70	163	731429	33.764	nq	98
51) 2,6-Dinitrotoluene	13.82	165	152602	31.635	nq	93
52) Acenaphthene	14.29	154	575564	35.163	nq	99
53) 3-Nitroaniline	14.16	138	98498	18.755	nq	96
54) 2,4-Dinitrophenol	14.37	184	94738	36.428	nq	95
55) Dibenzofuran	14.63	168	915062	34.209	nq	98
56) 4-Nitrophenol	14.48	139	262195	60.670	nq	91
57) 2,4-Dinitrotoluene	14.62	165	200693	30.864	nq	96
58) Fluorene	15.29	166	737889	36.033	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	206432	36.118	nq	99
60) Diethylphthalate	15.07	149	736180	31.452	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	367881	31.619	nq	100
62) 4-Nitroaniline	15.33	138	159606	32.246	nq	94
63) Azobenzene	15.58	77	677283	31.301	nq	94
65) 4,6-Dinitro-2-methylphenol	15.39	198	69614	18.009	nq	93
66) n-Nitrosodiphenylamine	15.50	169	635645	35.431	nq	99
67) 4-Bromophenyl-phenylether	16.18	248	231849	35.132	nq	98
68) Hexachlorobenzene	16.29	284	254780	34.246	nq	92
69) Atrazine	16.47	200	220147	33.363	nq	95
70) Pentachlorophenol	16.64	266	308516	59.184	nq	99
71) Phenanthrene	17.03	178	1140058	37.652	nq	99
72) Anthracene	17.12	178	1176984	39.947	nq	99
73) Carbazole	17.40	167	1055133	35.440	nq	100
74) Di-n-butylphthalate	17.96	149	1234939	37.261	nq	99
75) Fluoranthene	19.06	202	1328079	38.766	nq	99
77) Benzidine	19.26	184	1214158	60.827	nq	99
78) Pyrene	19.42	202	1381117	36.517	nq	99
80) Butylbenzylphthalate	20.33	149	577018	37.563	nq	98
81) Benzo(a)anthracene	21.18	228	1337536	37.875	nq	99
82) 3,3'-Dichlorobenzidine	21.12	252	516507	37.896	nq	97
83) Chrysene	21.23	228	1273857	37.139	nq	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	824728	36.317	nq	99
85) Di-n-octyl phthalate	21.98	149	1449936	39.873	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.56	276	1772202	64.657	nq	100
88) Benzo(b)fluoranthene	22.73	252	1424695	35.055	nq	99
89) Benzo(k)fluoranthene	22.77	252	1375006	33.473	nq	99
90) Benzo(a)pyrene	23.29	252	1413466	38.143	nq	99
91) Dibenzo(a,h)anthracene	25.57	278	1502503	48.228	nq	99
92) Benzo(g,h,i)perylene	26.22	276	1506369	51.418	nq	99

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

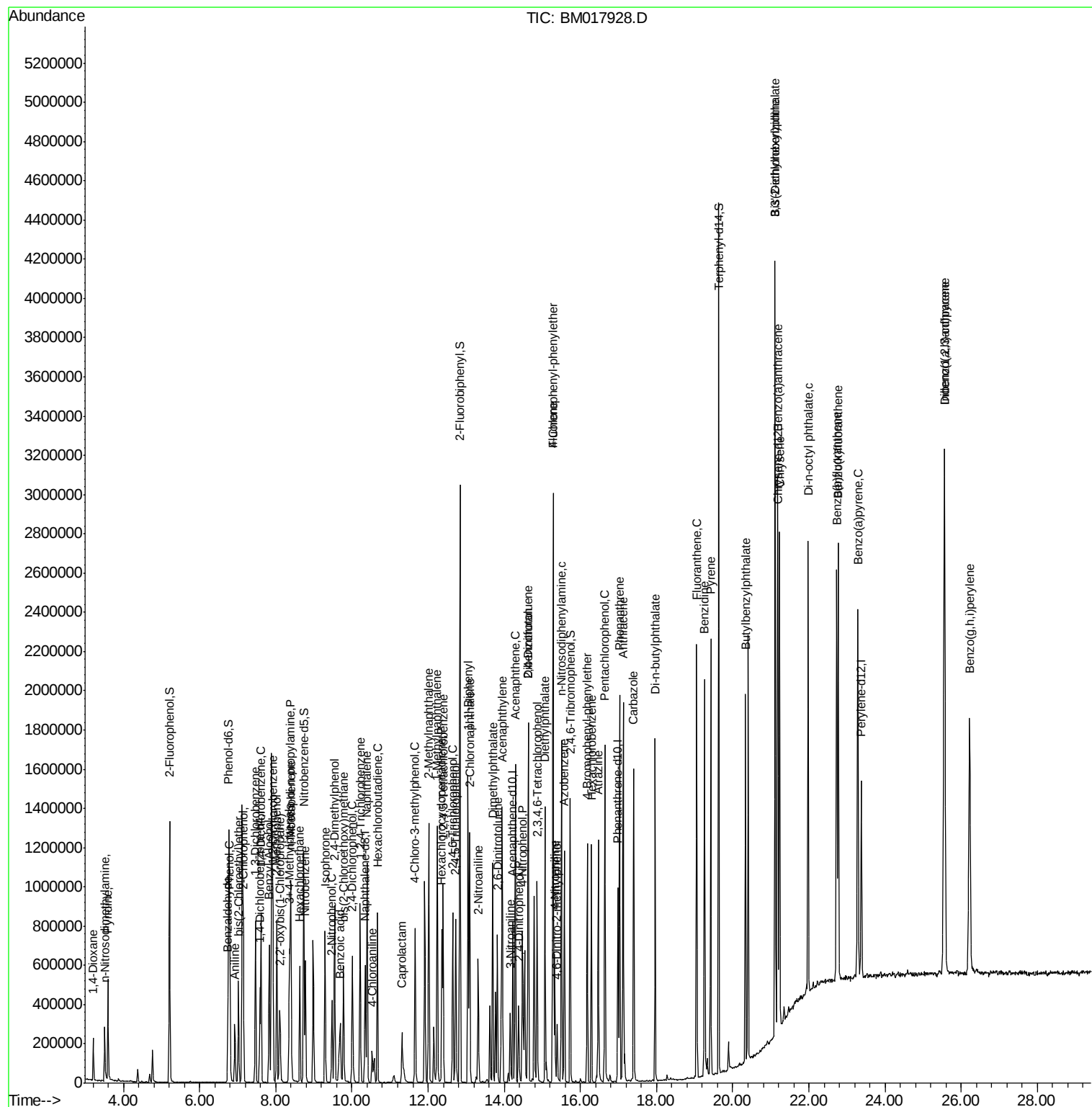
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
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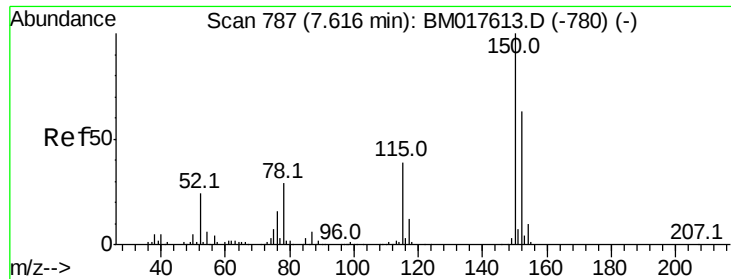
Instrument :
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#1

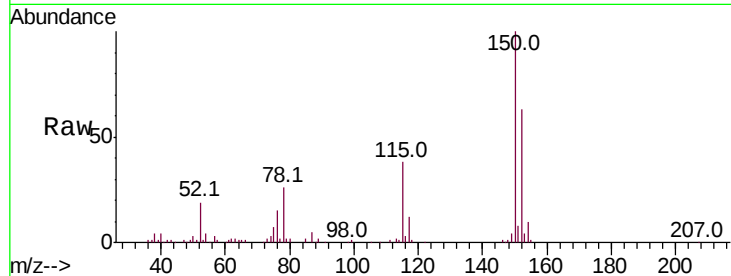
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.4	189.6
115	60.7	49.4	74.0

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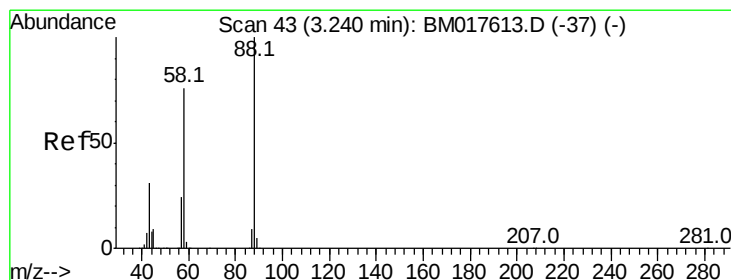
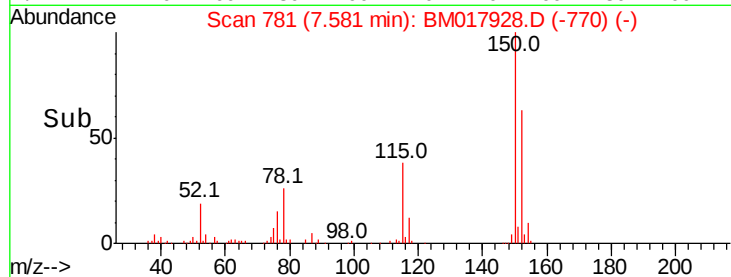
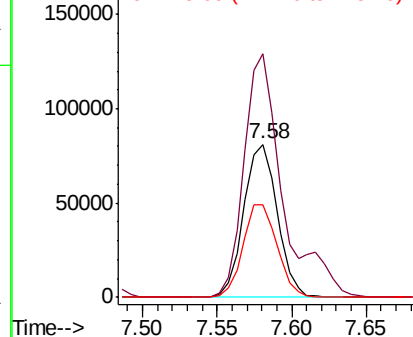


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

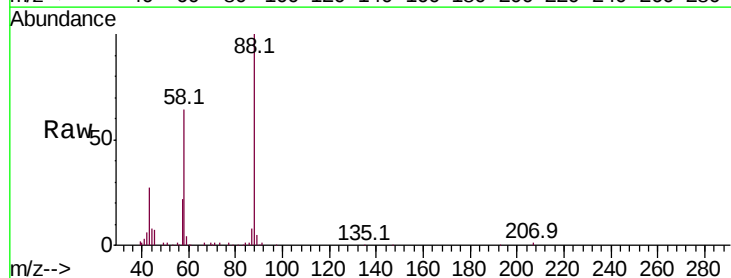
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.408 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	62.0	93.0
43	25.1	26.8	40.2#

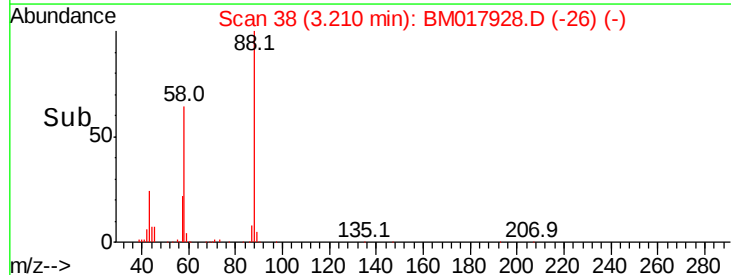
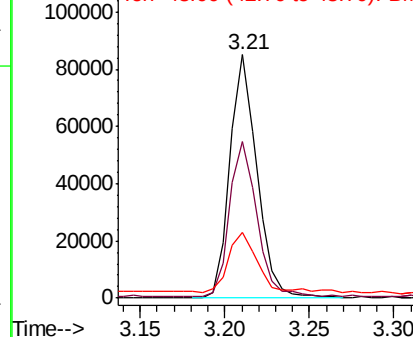


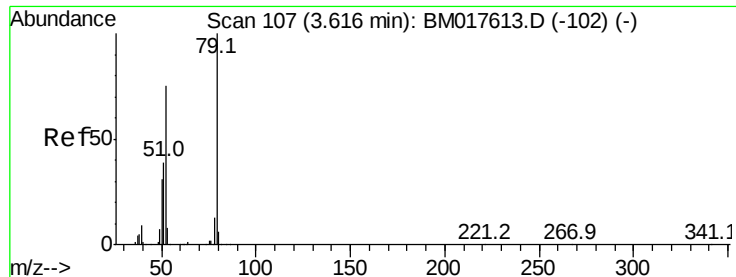
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 28.270 ng

RT: 3.59 min Scan# 102

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

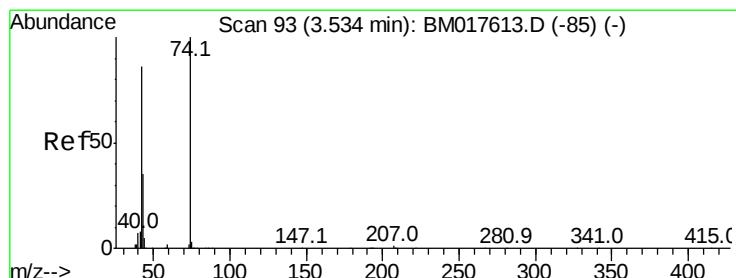
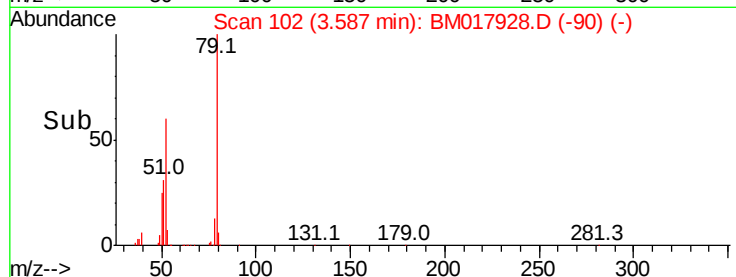
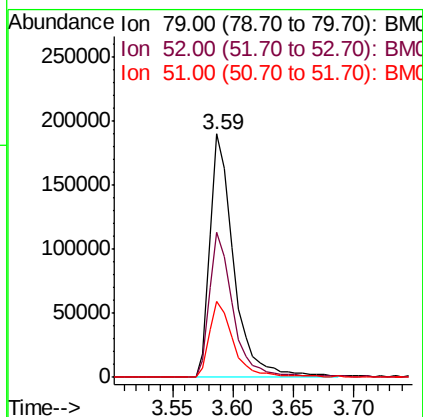
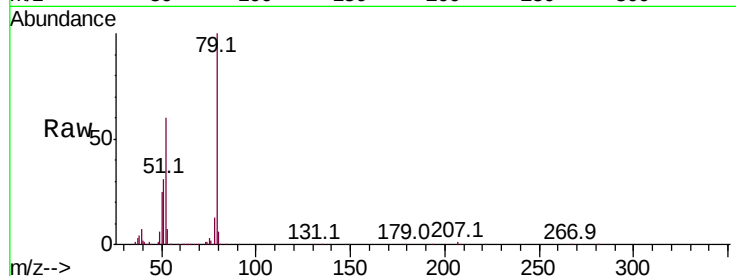
ClientSampleId :

PB115307BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.8	60.1	90.1#
51	31.0	31.1	46.7#

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#4

n-Nitrosodimethylamine

Concen: 28.123 ng

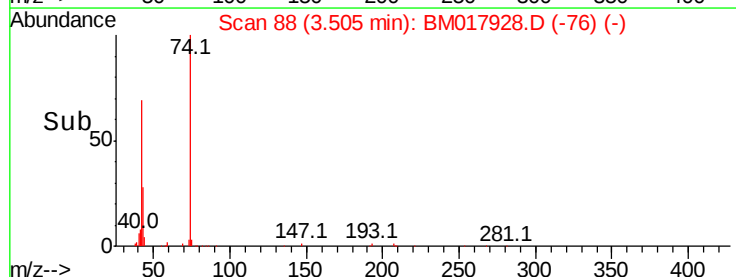
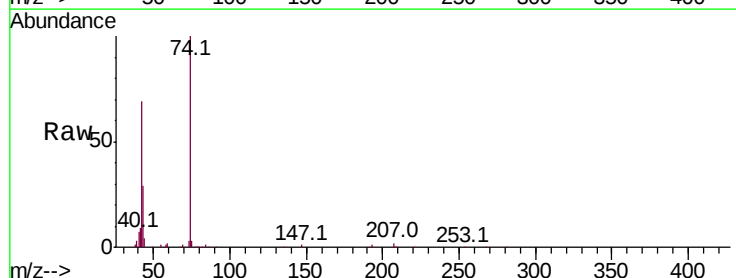
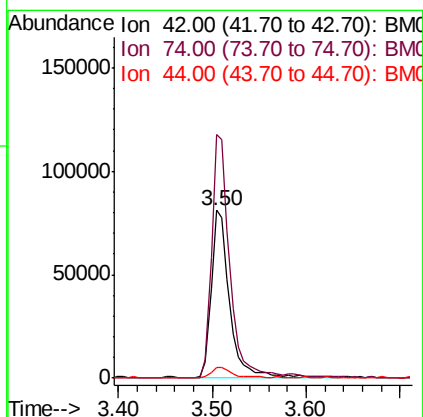
RT: 3.50 min Scan# 88

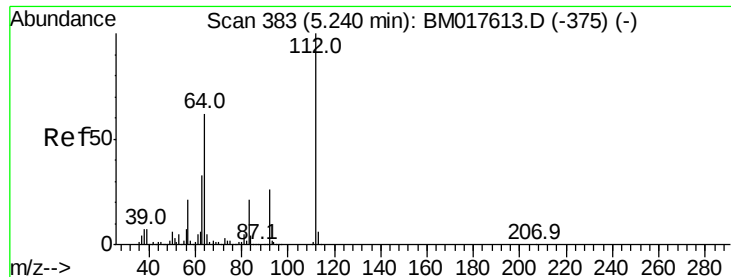
Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.0	93.1	139.7#
44	6.5	5.0	7.6





#5

2-Fluorophenol

Concen: 76.373 ng

RT: 5.21 min Scan# 378

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

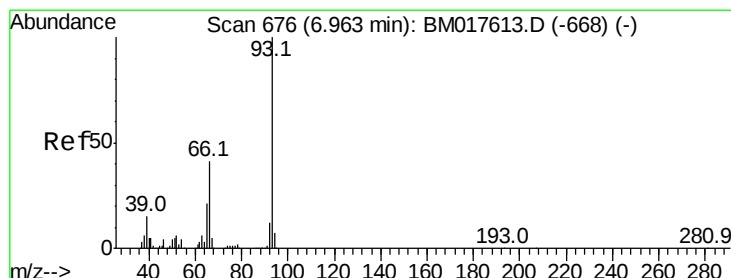
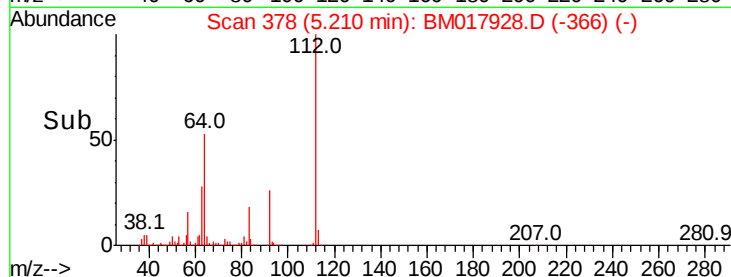
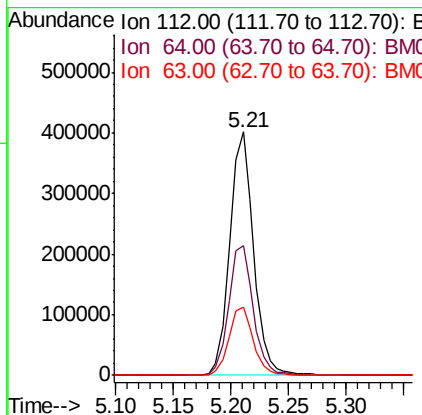
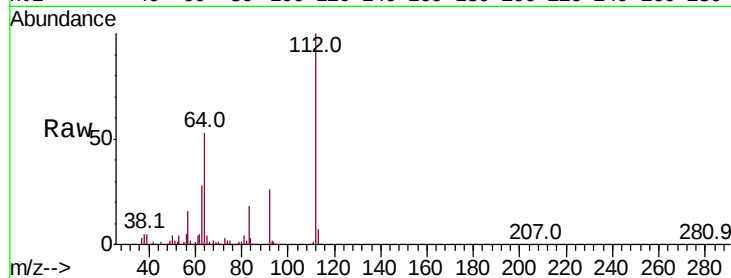
ClientSampleId :

PB115307BS

Tot Ion:	112	Resp:	573261
Ion Ratio	Lower	Upper	
112	100		
64	53.3	49.3	73.9
63	27.8	26.2	39.4

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#6

Aniline

Concen: 14.857 ng

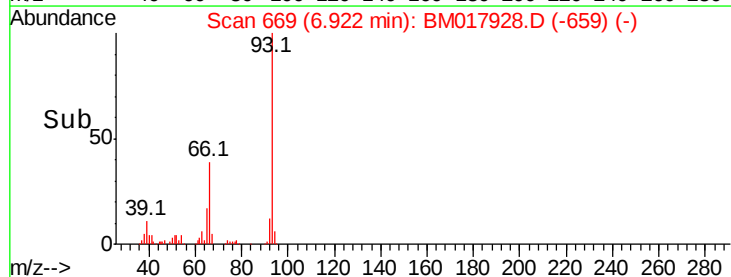
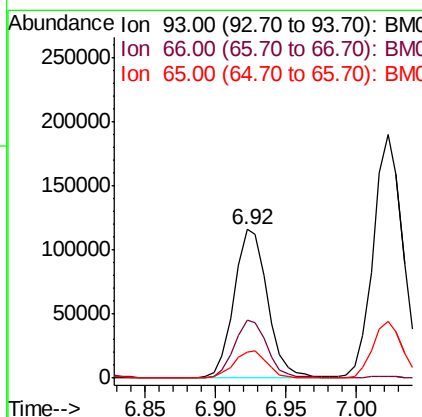
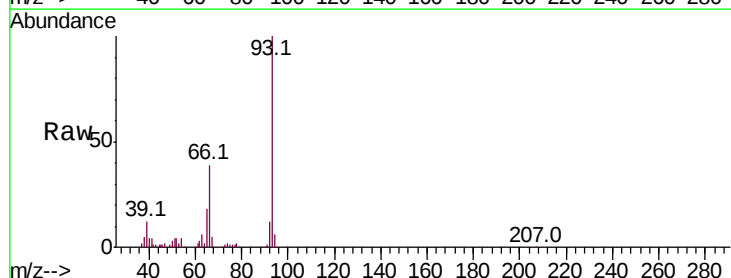
RT: 6.92 min Scan# 669

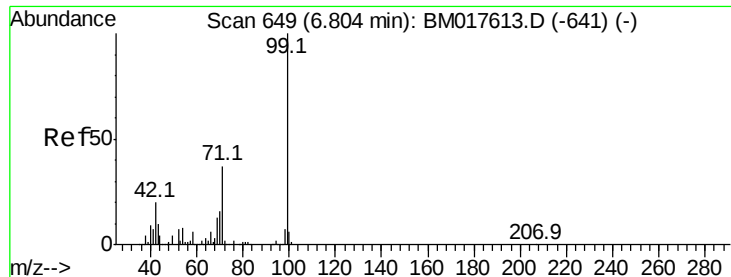
Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:	93	Resp:	193149
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.8	49.2
65	17.8	16.6	25.0





#7

Phenol-d6

Concen: 70.993 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

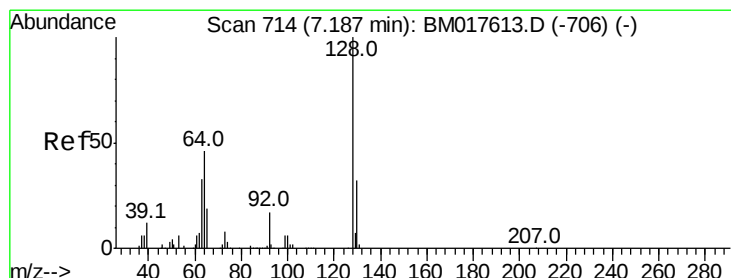
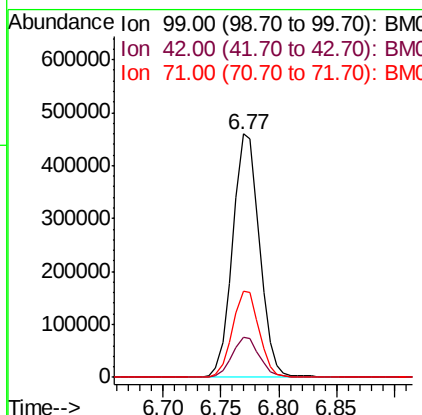
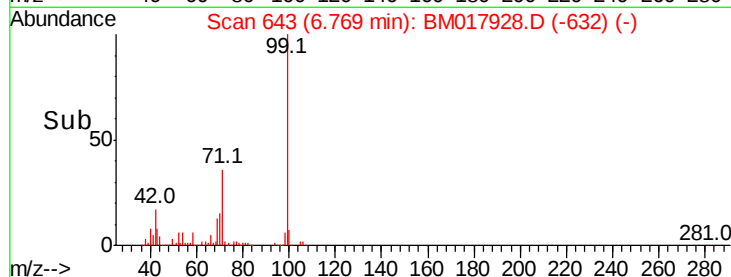
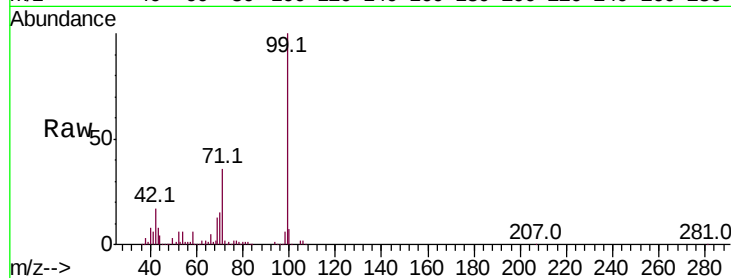
ClientSampleId :

PB115307BS

Tot Ion:	99	Resp:	744243
Ion Ratio	Lower	Upper	
99	100		
42	16.6	16.3	24.5
71	35.6	29.8	44.8

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#8

2-Chlorophenol

Concen: 35.115 ng

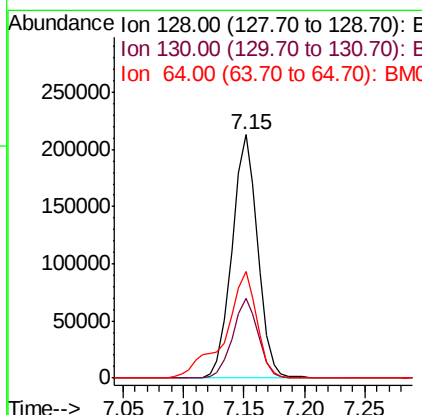
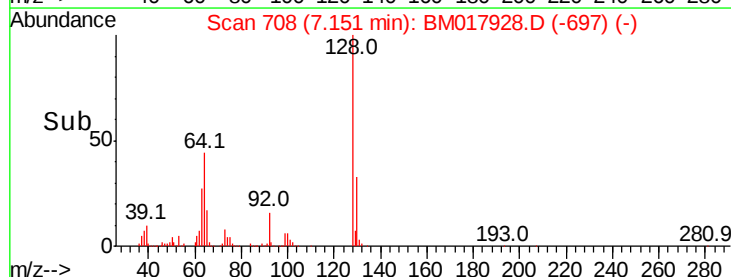
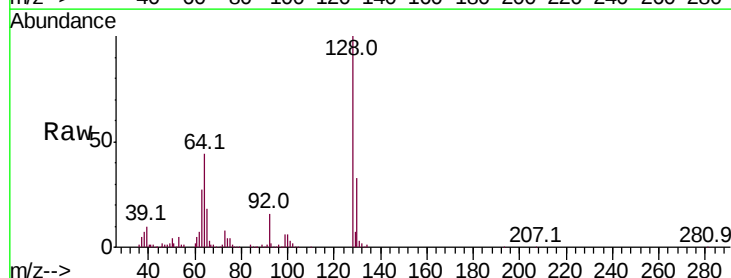
RT: 7.15 min Scan# 708

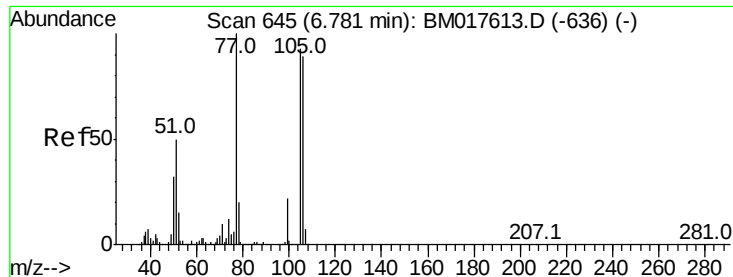
Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:	128	Resp:	315443
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.4	52.4
64	43.6	30.0	70.0





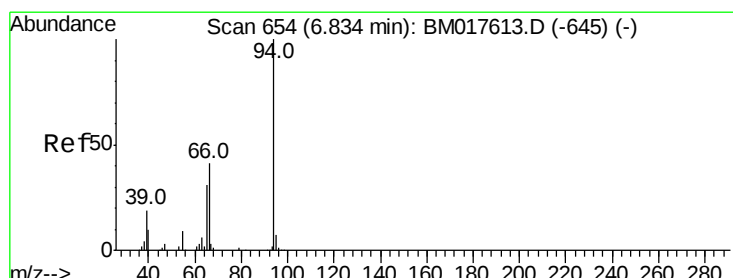
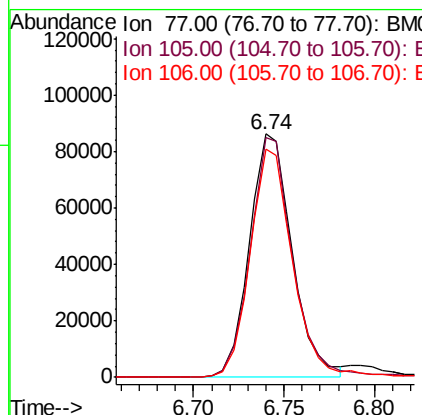
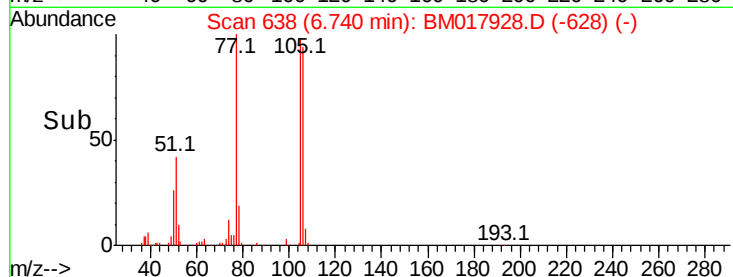
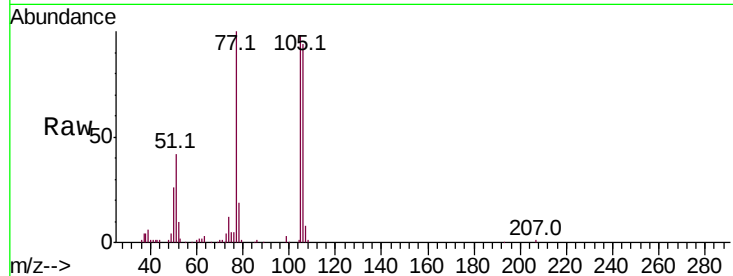
#9
Benzaldehyde
Concen: 18.398 ng
RT: 6.74 min Scan# 638
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.5	72.7	112.7
106	93.7	68.9	108.9

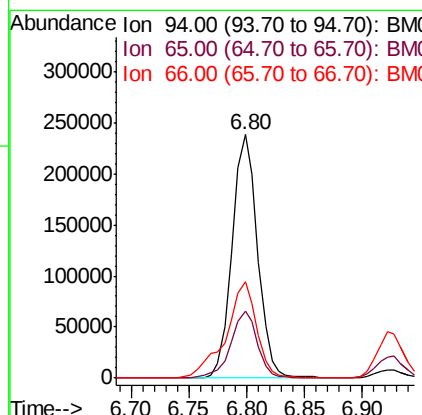
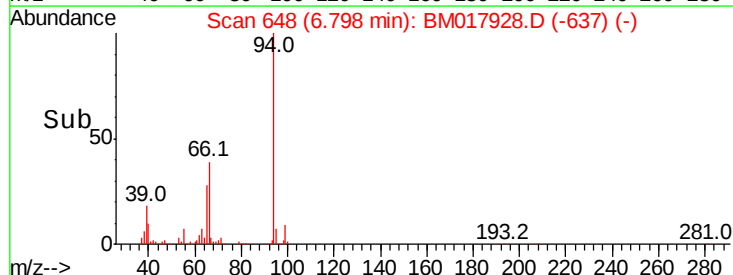
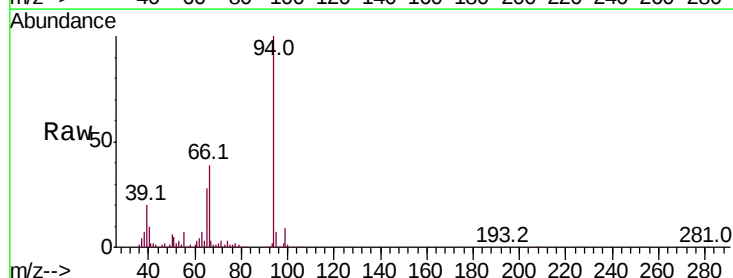
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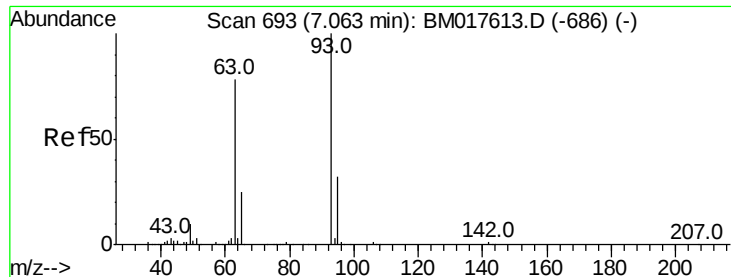
mohammad
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#10
Phenol
Concen: 33.142 ng
RT: 6.80 min Scan# 648
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	11.4	51.4
66	39.4	21.4	61.4





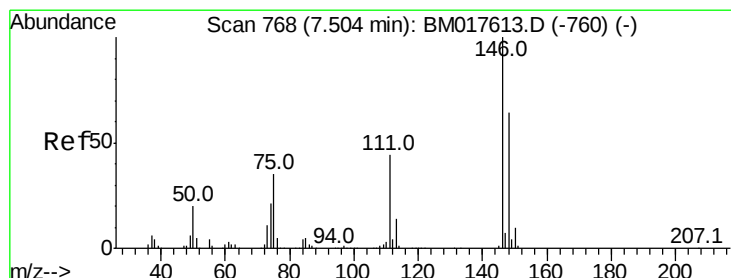
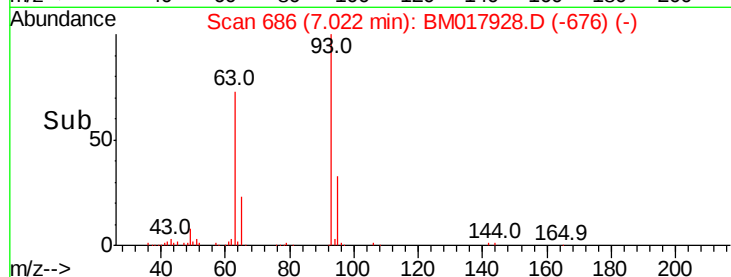
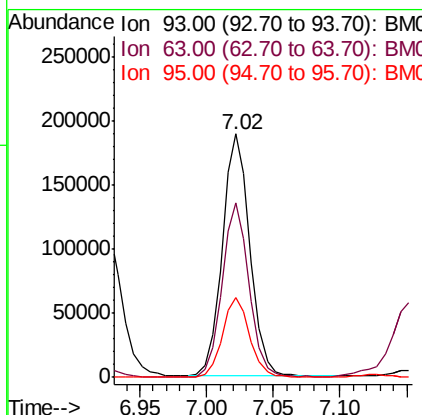
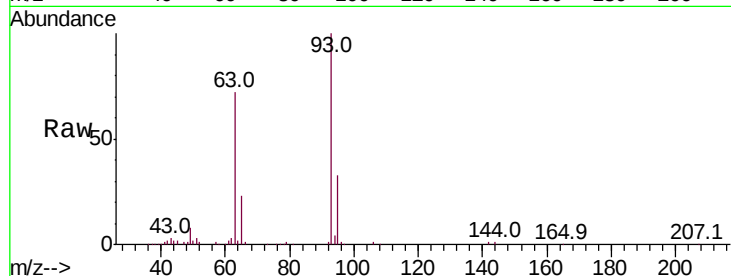
#11
bis(2-Chloroethyl)ether
Concen: 31.461 ng
RT: 7.02 min Scan# 686
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	57.9	97.9
95	32.9	12.3	52.3

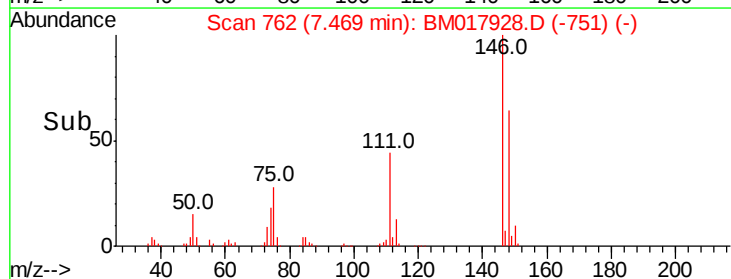
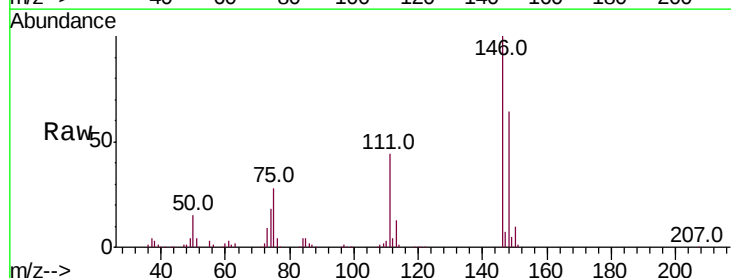
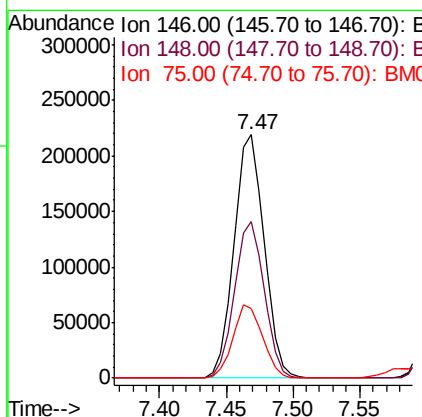
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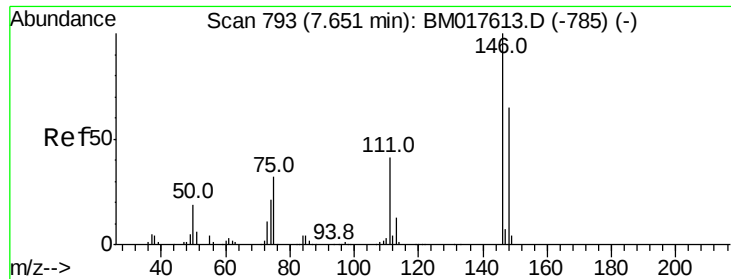
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.129 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
75	28.4	28.2	42.2





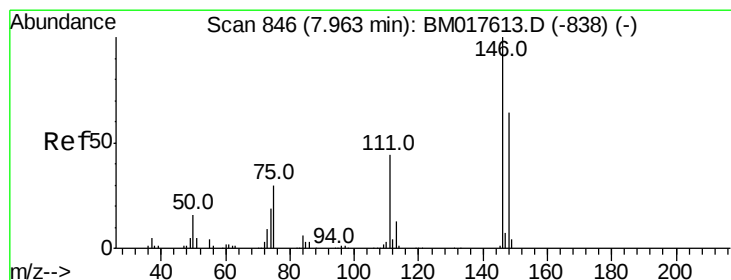
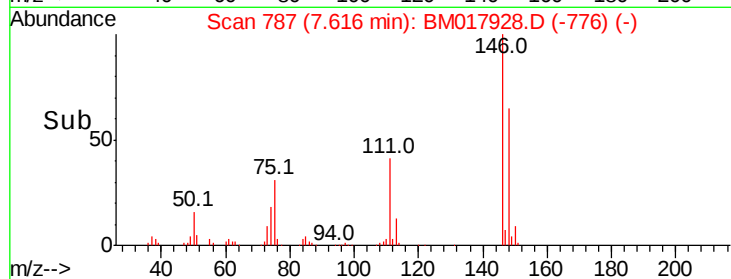
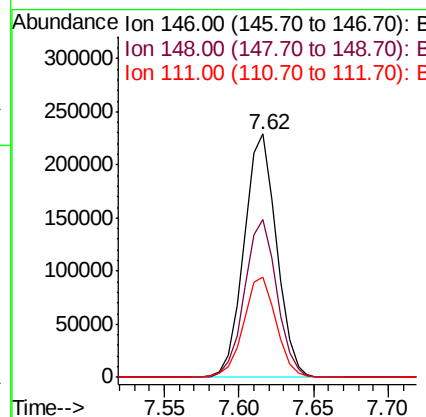
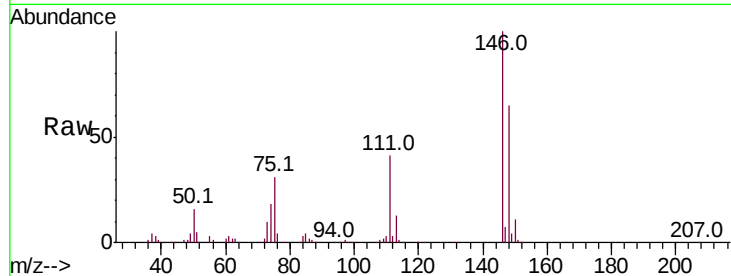
#13
1,4-Dichlorobenzene
Concen: 33.456 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	41.0	33.2	49.8

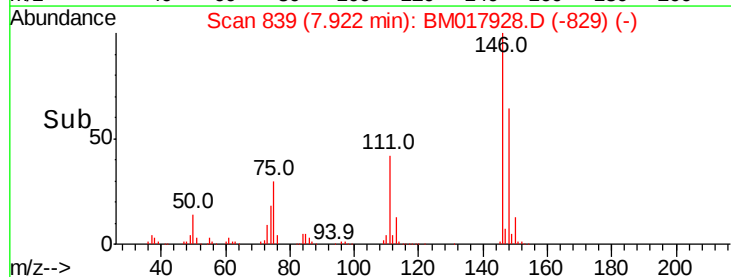
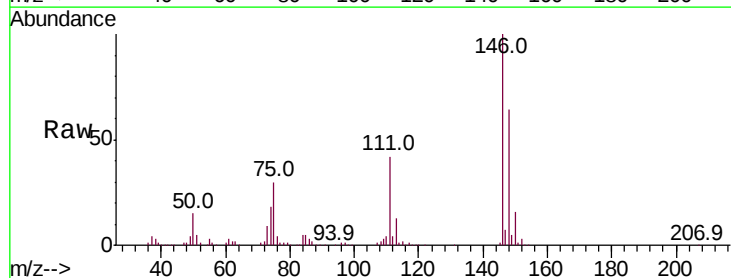
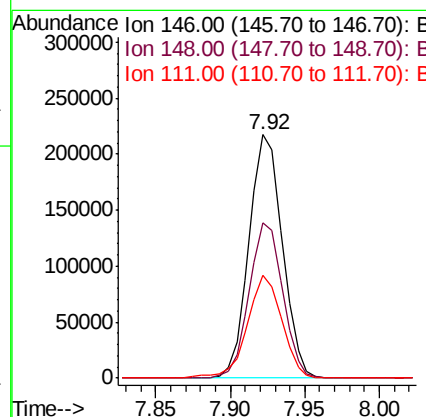
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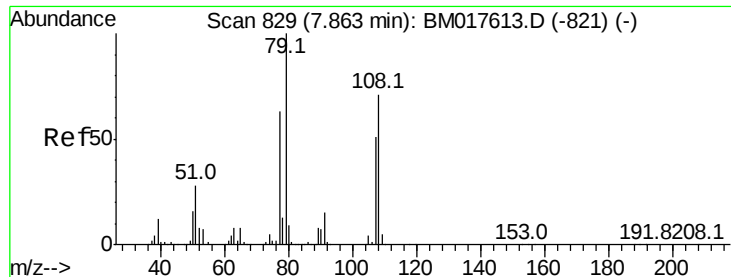
mohammad
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#14
1,2-Dichlorobenzene
Concen: 33.496 ng
RT: 7.92 min Scan# 839
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	42.2	35.8	53.8





#15

Benzyl Alcohol

Concen: 30.272 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

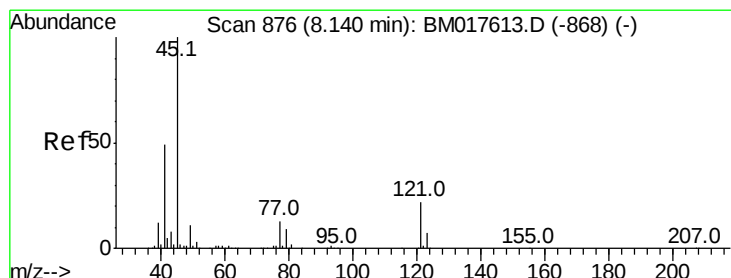
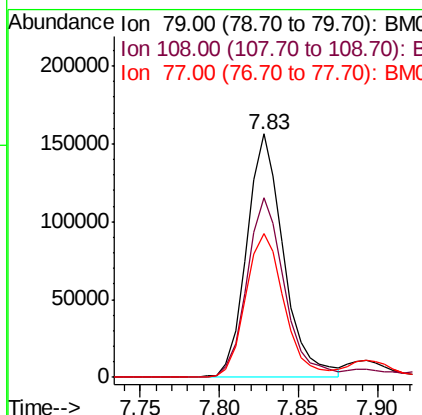
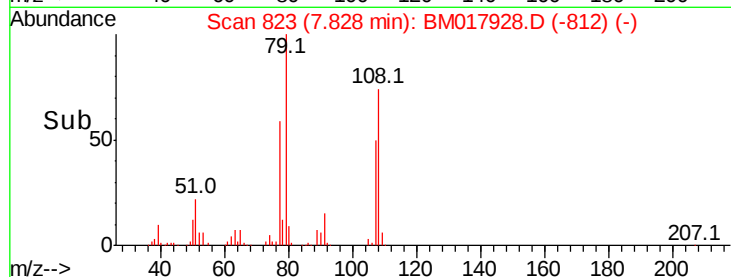
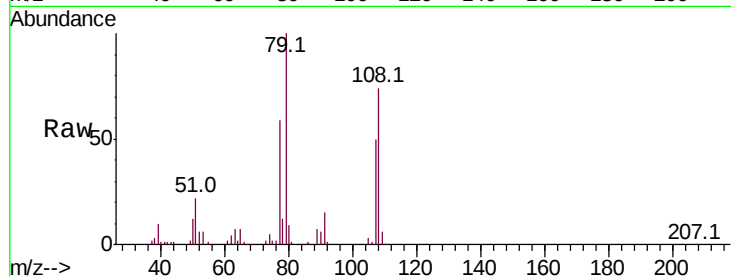
ClientSampleId :

PB115307BS

Tot Ion:	79	Resp:	252733
Ion Ratio	Lower	Upper	
79	100		
108	73.9	57.1	85.7
77	58.8	50.4	75.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.394 ng

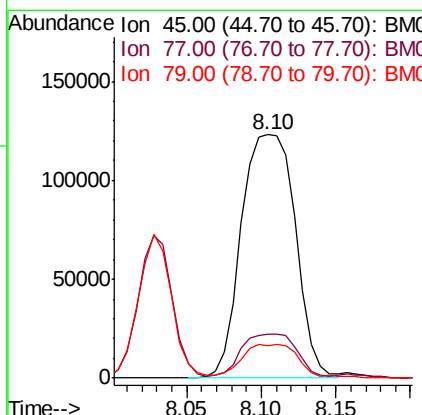
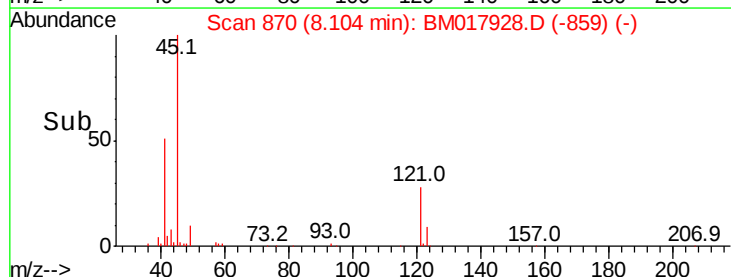
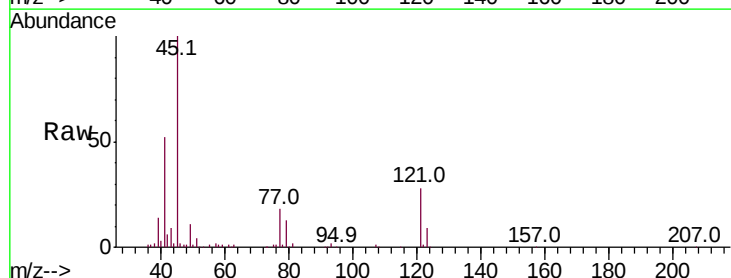
RT: 8.10 min Scan# 870

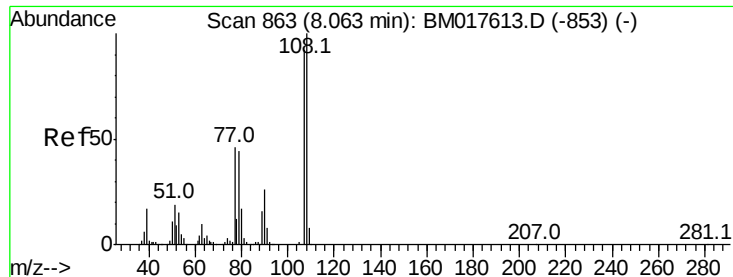
Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:	45	Resp:	309398
Ion Ratio	Lower	Upper	
45	100		
77	18.2	0.0	34.2
79	13.3	0.0	30.5





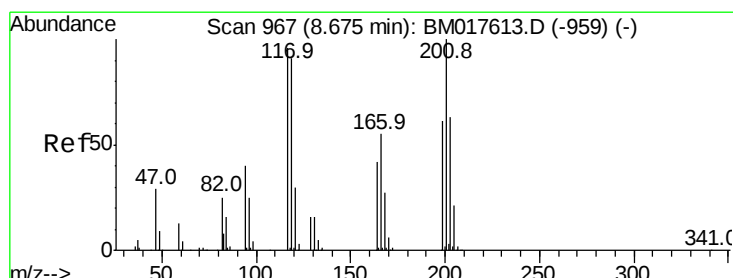
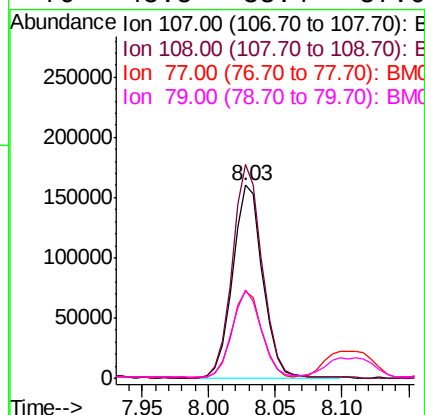
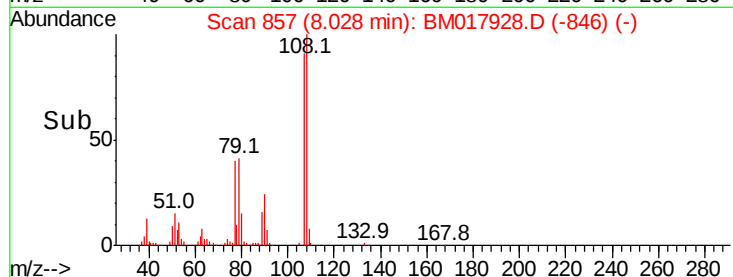
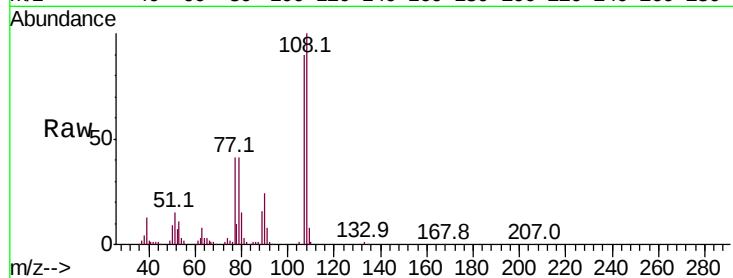
#17
2-Methylphenol
Concen: 33.808 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleID :
PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	86.7	130.1	
77	45.1	39.8	59.6	
79	45.5	38.4	57.6	

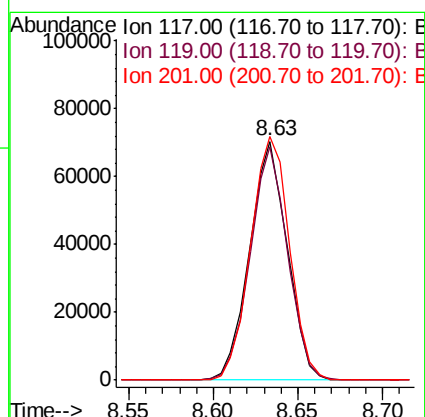
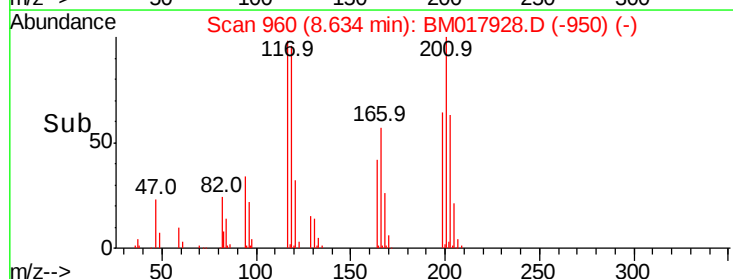
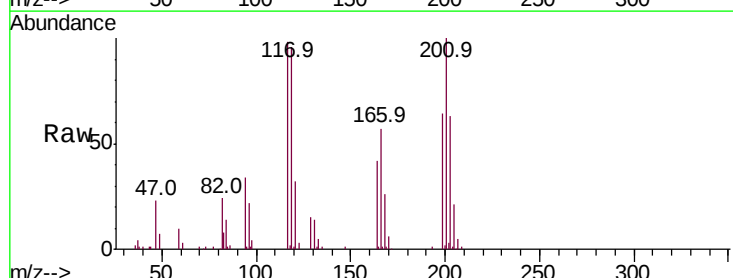
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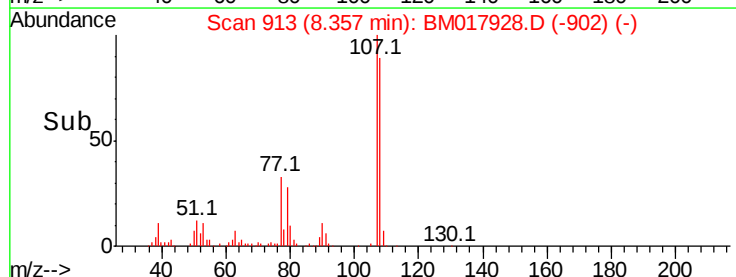
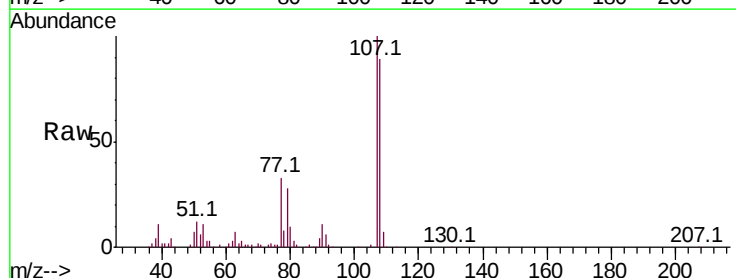
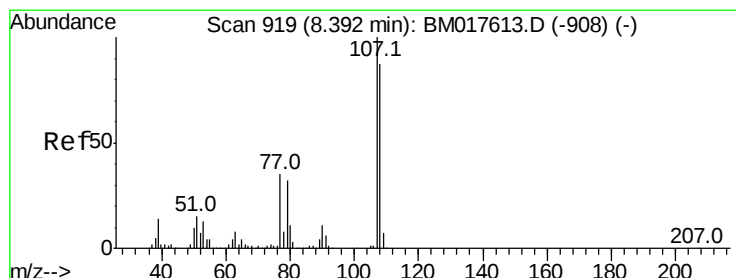
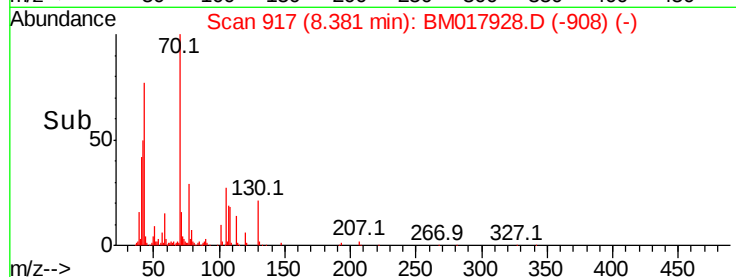
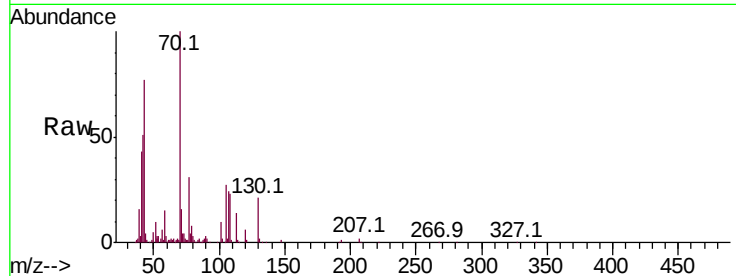
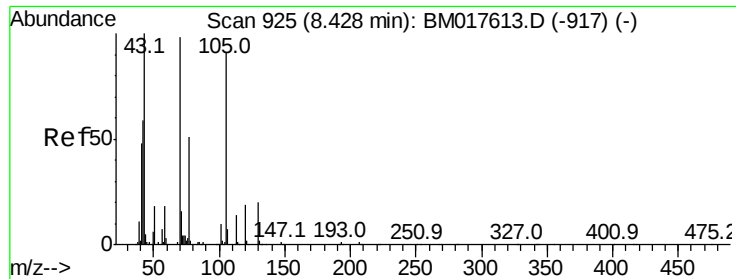
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#18
Hexachloroethane
Concen: 29.965 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	75.8	113.8	
201	102.1	83.0	124.4	





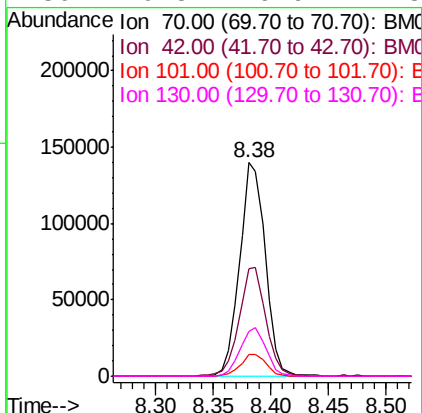
#19
n-Nitroso-di-n-propylamine
Concen: 28.787 ng
RT: 8.38 min Scan# 917
Delta R.T. -0.05 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	48.6	73.0
101	10.3	7.9	11.9
130	20.8	16.6	24.8

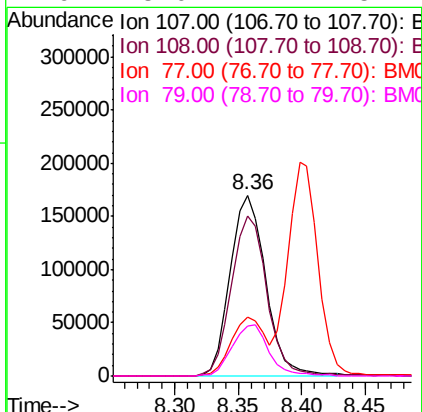
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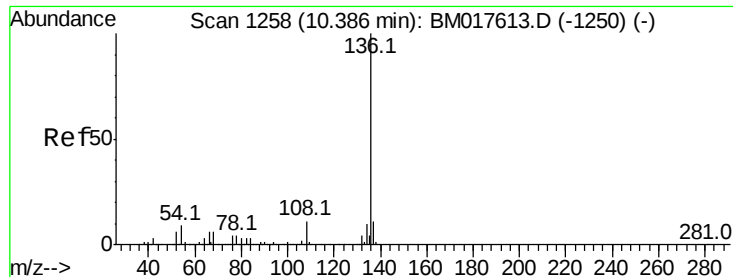
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#20
3+4-Methylphenols
Concen: 32.095 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.0	107.0
77	32.8	15.6	55.6
79	28.0	11.7	51.7





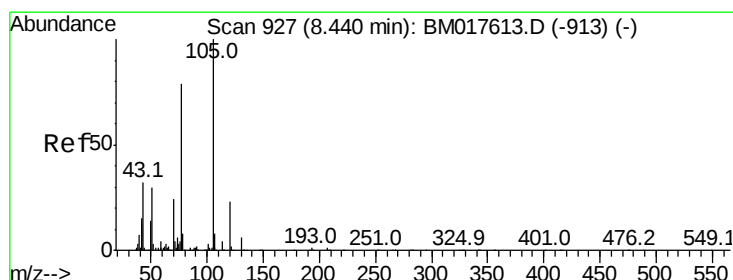
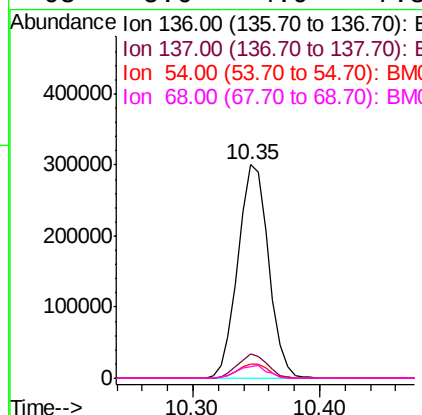
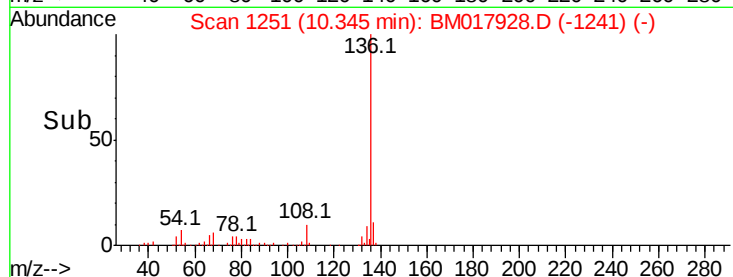
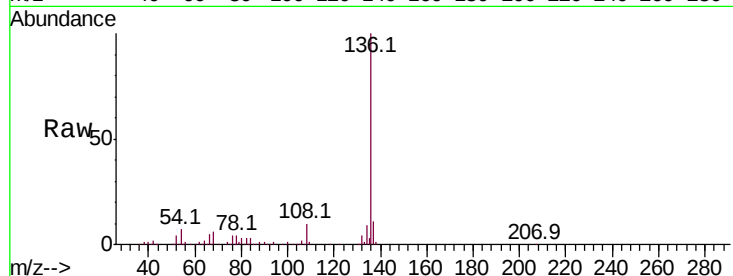
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	503571		
137	11.2	8.6	12.8	
54	6.7	7.0	10.6	
68	5.6	4.9	7.3	

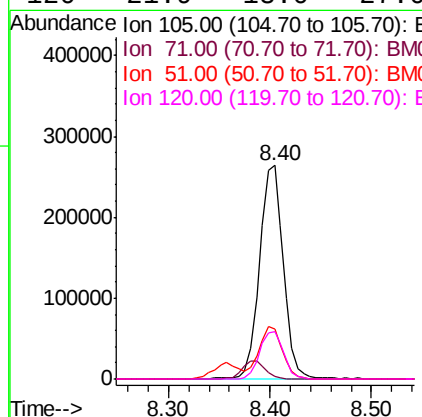
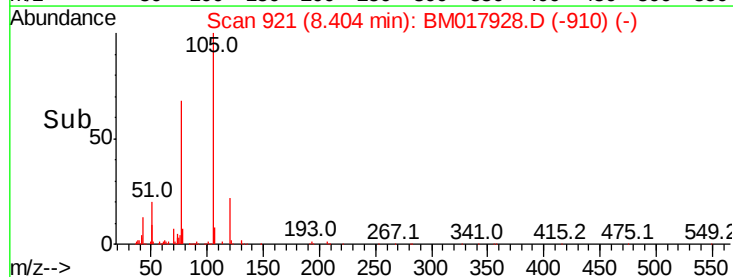
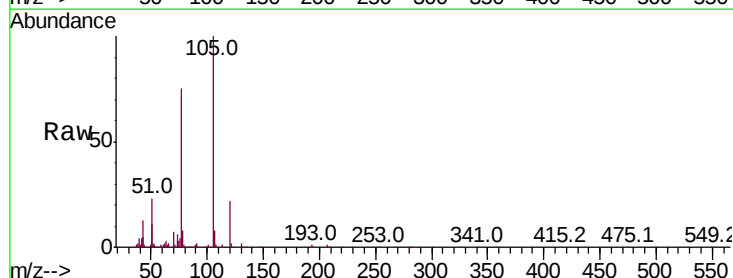
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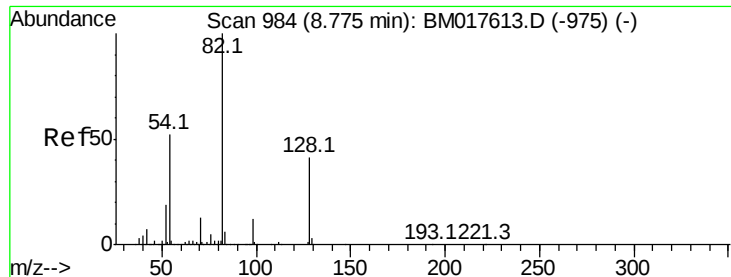
mohammad
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#22
Acetophenone
Concen: 34.554 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	434277		
71	1.1	3.1	4.7	
51	23.2	23.8	35.8	
120	21.9	18.0	27.0	





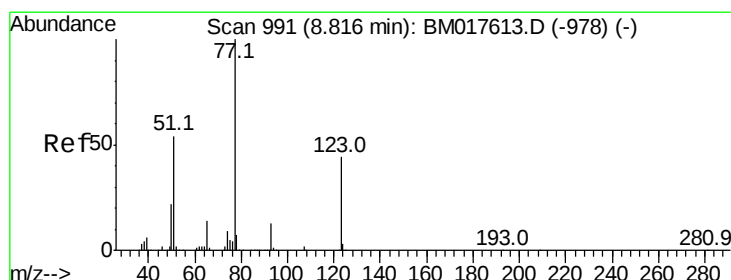
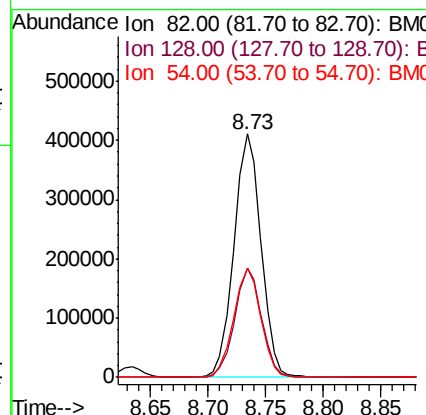
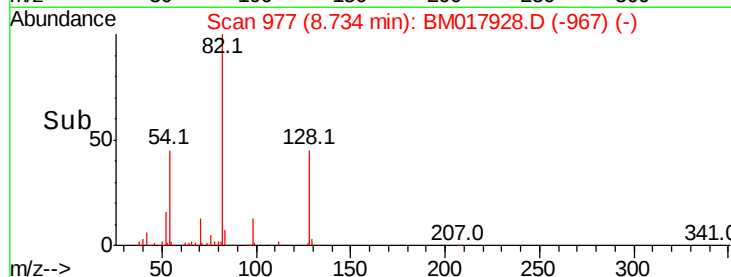
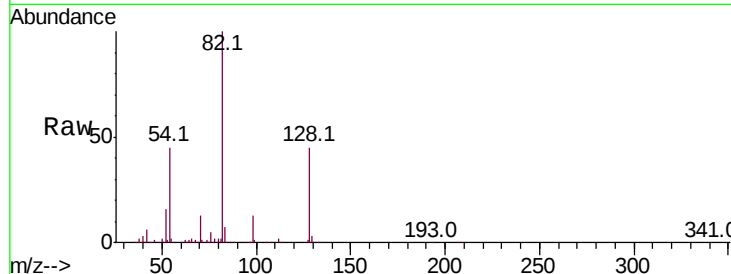
#23
Nitrobenzene-d5
Concen: 68.567 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleID :
PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	33.0	49.4	
54	44.7	41.4	62.2	

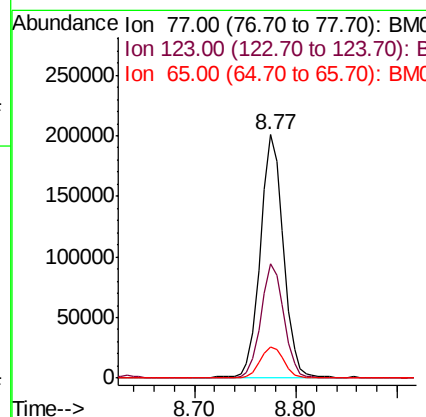
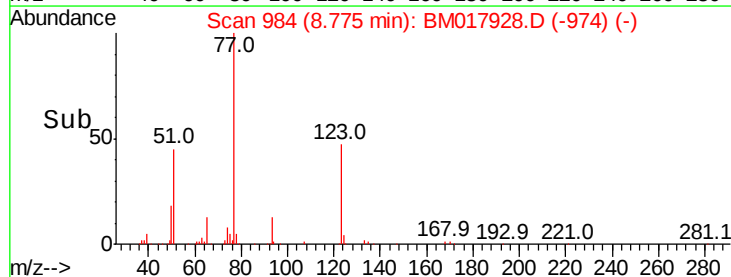
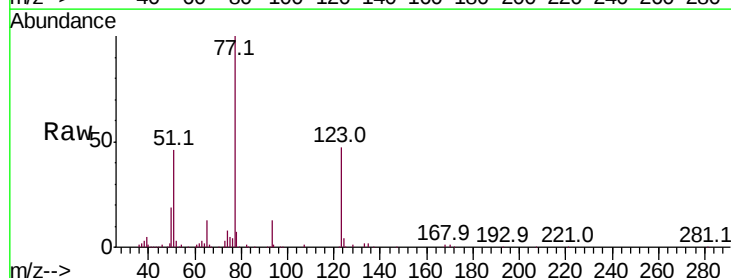
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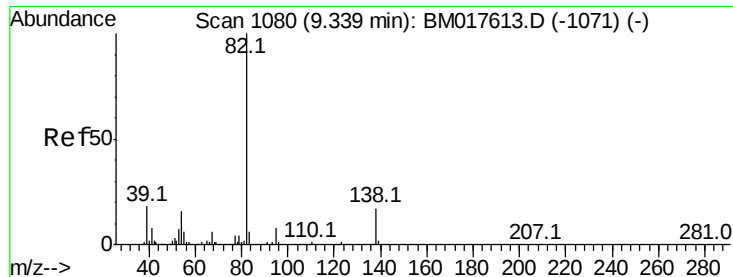
mohammad
12/5/2018 4:50:23 PM



#24
Nitrobenzene
Concen: 31.964 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.1	35.1	52.7	
65	12.8	11.0	16.6	





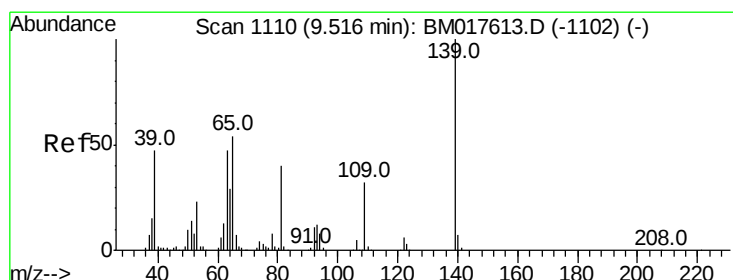
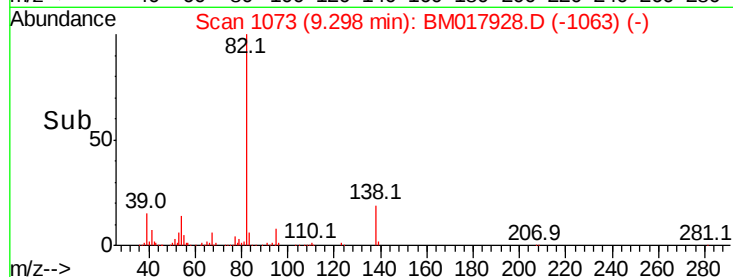
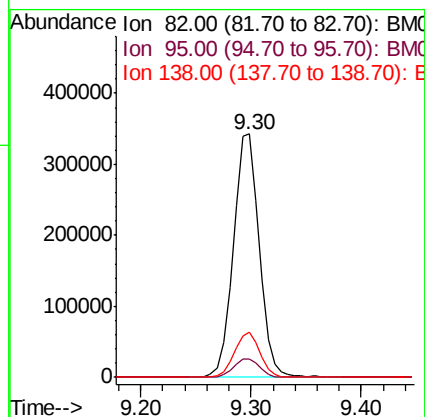
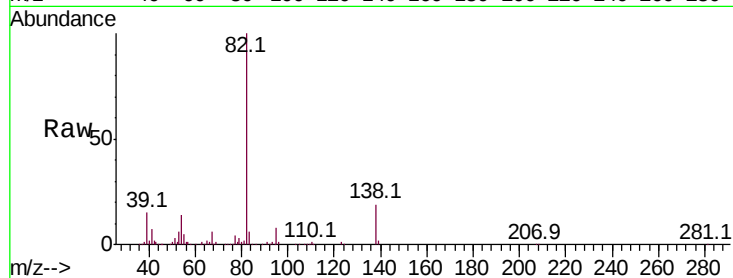
#25
Isophorone
Concen: 37.543 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	7.7	6.1	9.1
138	18.7	13.9	20.9

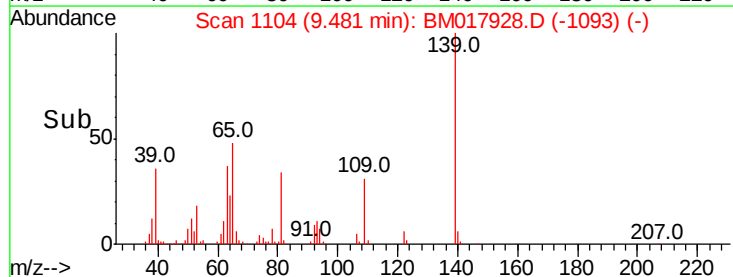
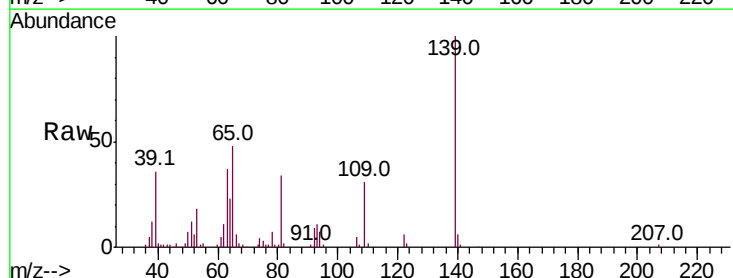
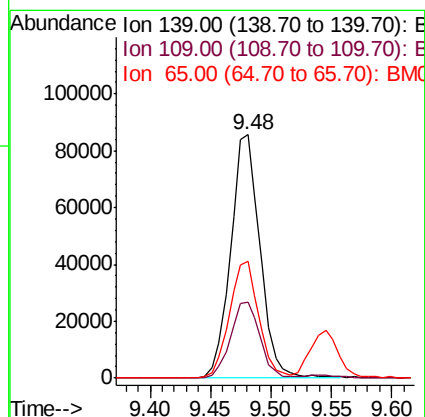
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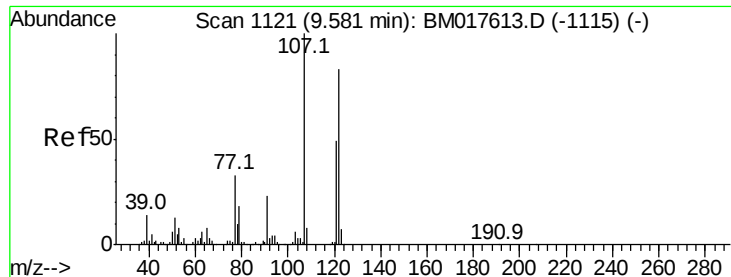
mohammad
12/5/2018 4:50:23 PM



#26
2-Nitrophenol
Concen: 31.865 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	31.0	25.9	38.9
65	48.1	43.0	64.4





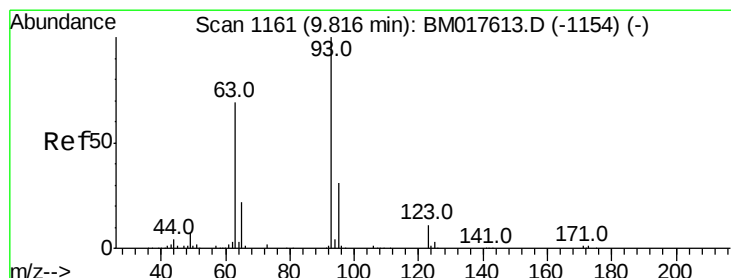
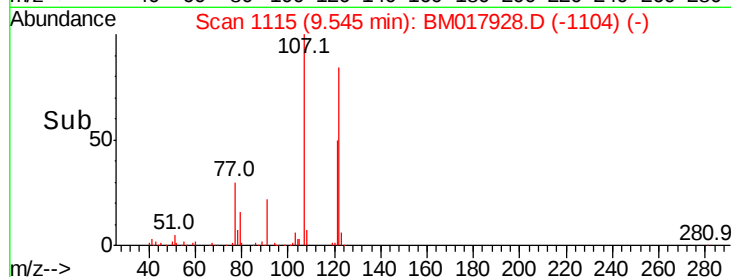
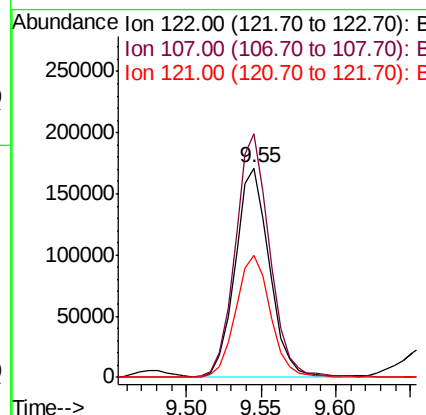
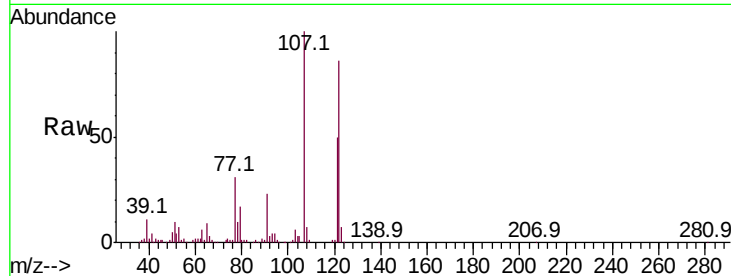
#27
2,4-Dimethylphenol
Concen: 41.329 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	95.8	143.8
121	58.4	47.2	70.8

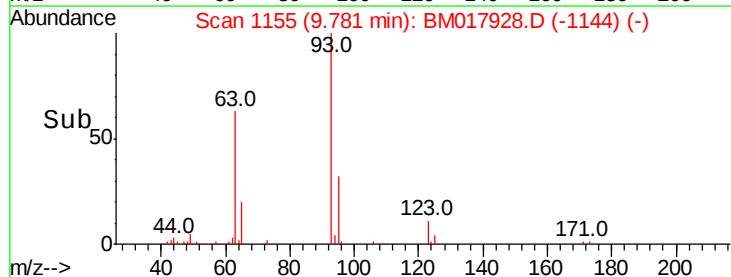
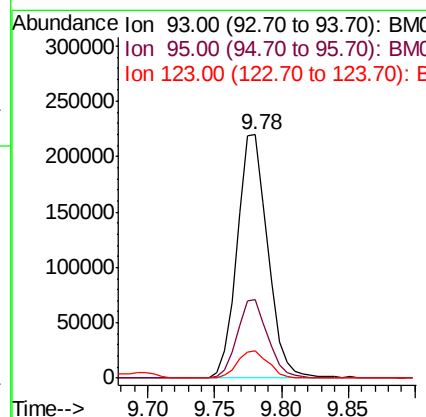
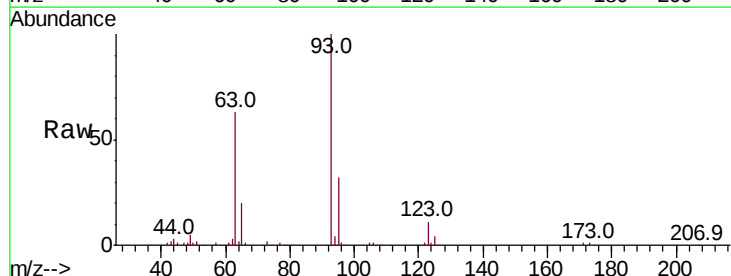
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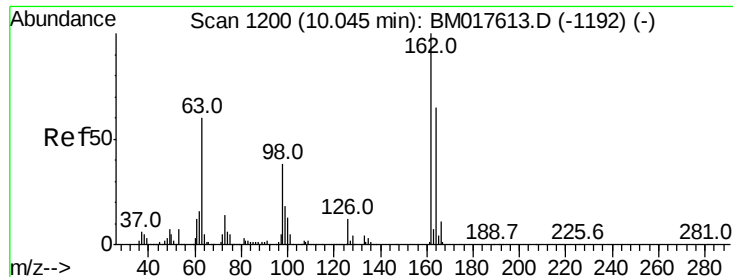
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 34.483 ng
RT: 9.78 min Scan# 1155
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.9	37.3
123	11.2	8.7	13.1





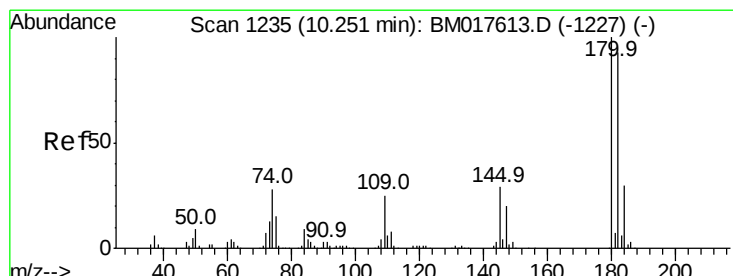
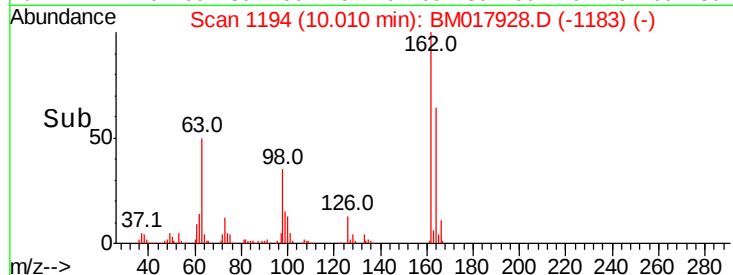
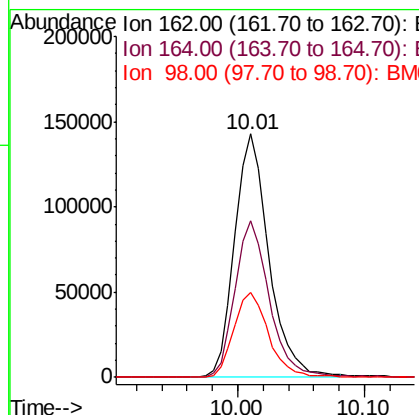
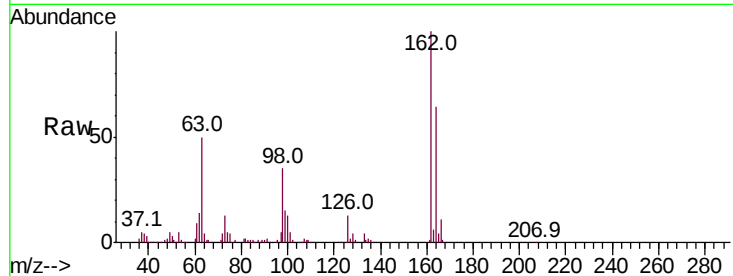
#29
 2,4-Dichlorophenol
 Concen: 35.038 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		267211		
164	64.1	45.0	85.0		
98	35.1	17.5	57.5		

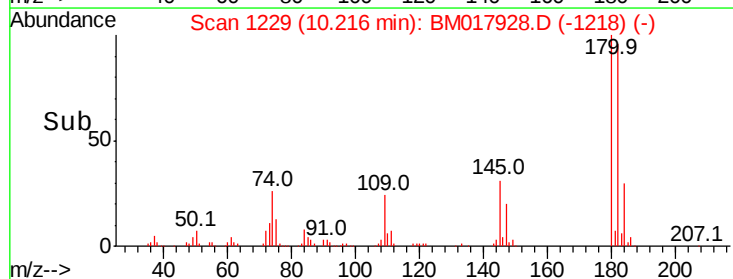
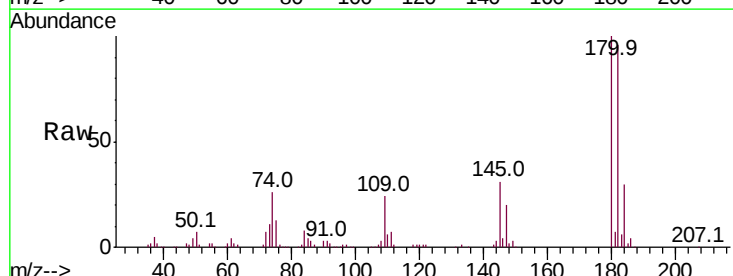
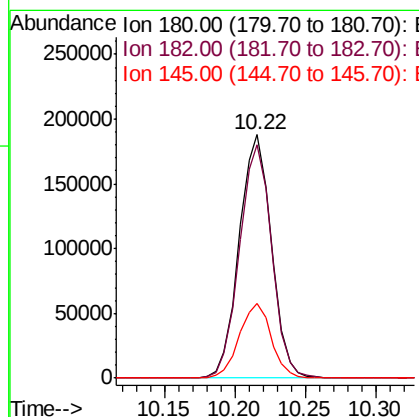
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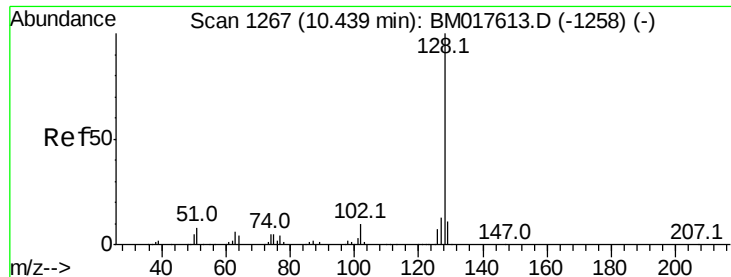
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.764 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		299490		
182	95.8	74.4	111.6		
145	30.9	23.5	35.3		





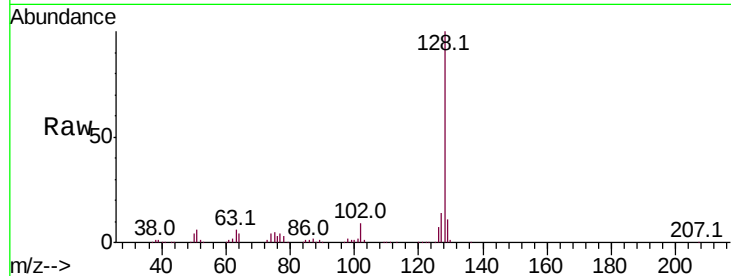
#31
Naphthalene
Concen: 36.875 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.6	12.8	
127	13.5	10.3	15.5	

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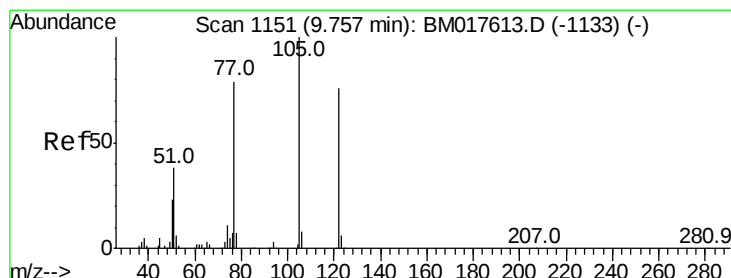
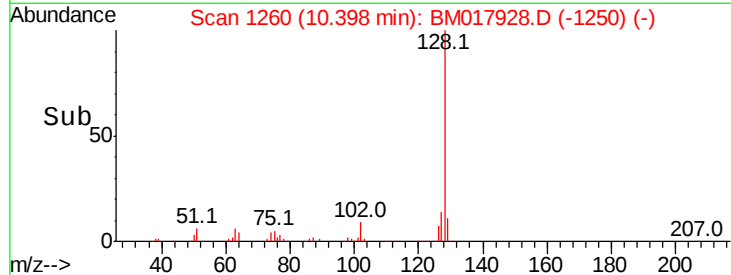
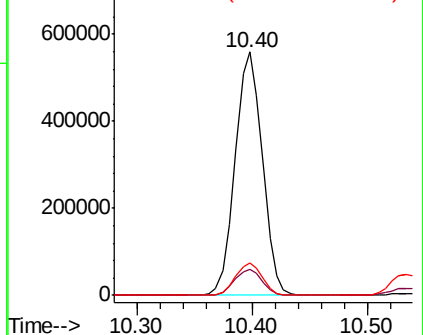


Abundance

Ion 128.00 (127.70 to 128.70): E

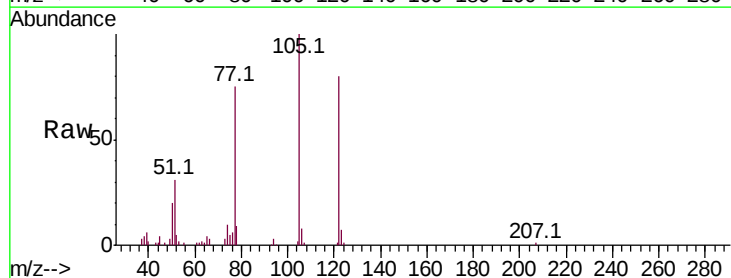
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 28.112 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.4	109.1	149.1	
77	94.5	82.1	122.1	

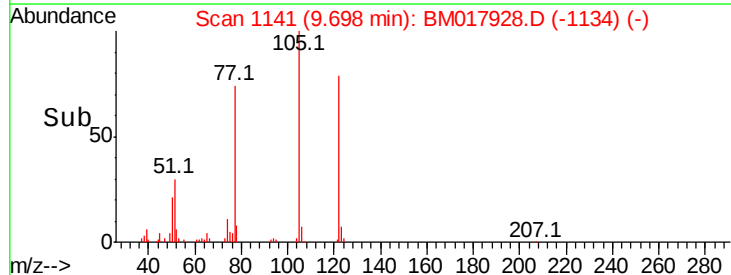
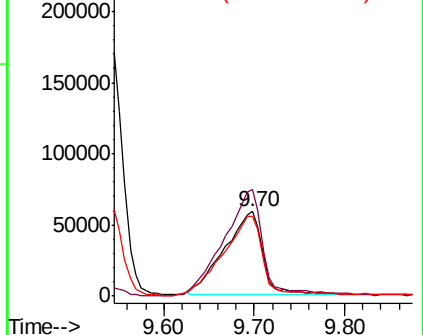


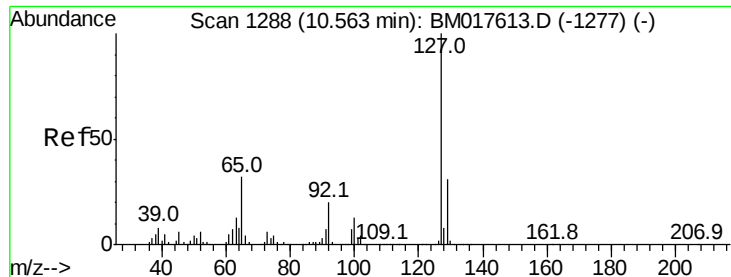
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





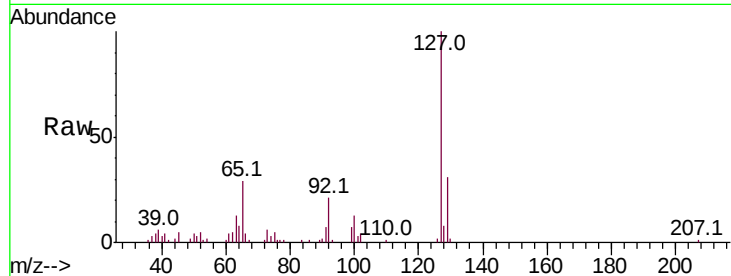
#33
4-Chloroaniline
Concen: 9.123 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	25.0	37.4	
65	28.8	25.8	38.8	
92	21.2	15.8	23.6	

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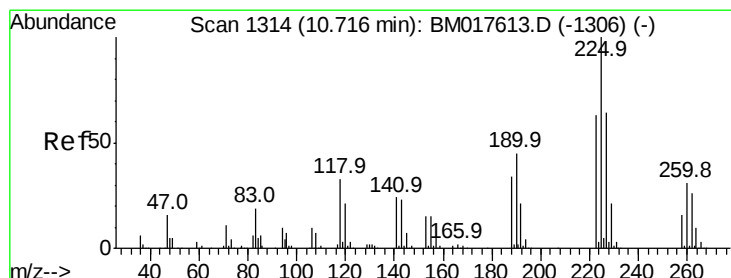
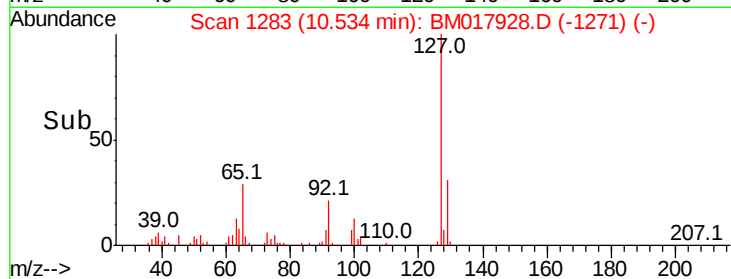
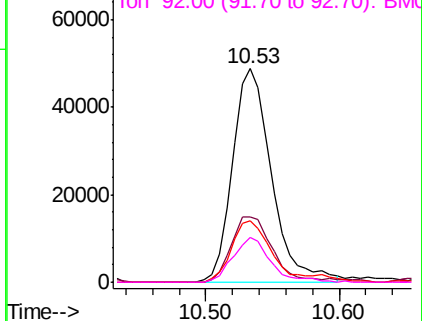
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

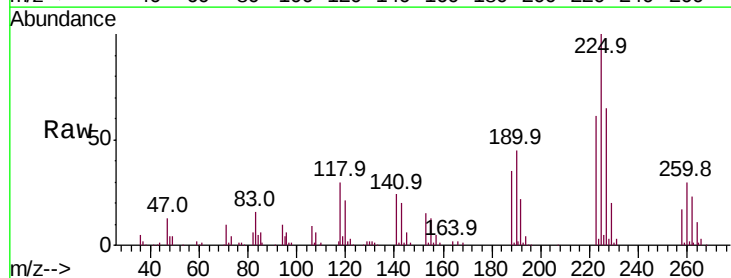
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 33.819 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.05 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	50.7	76.1	
227	65.0	51.0	76.4	

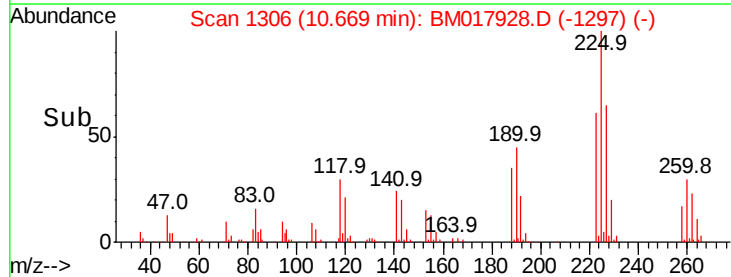
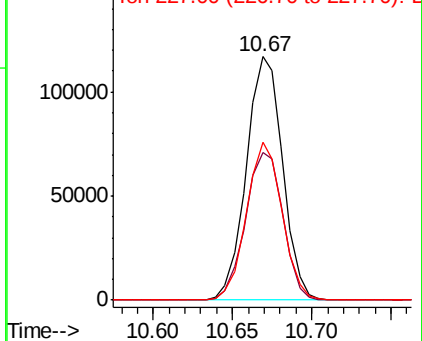


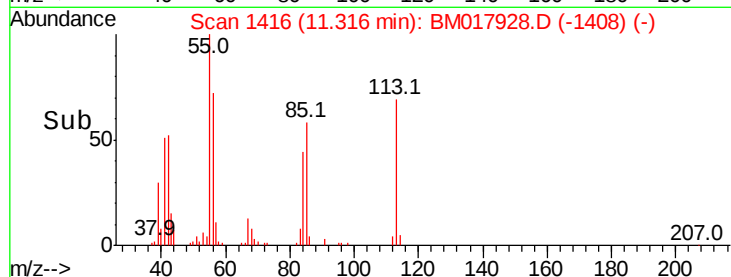
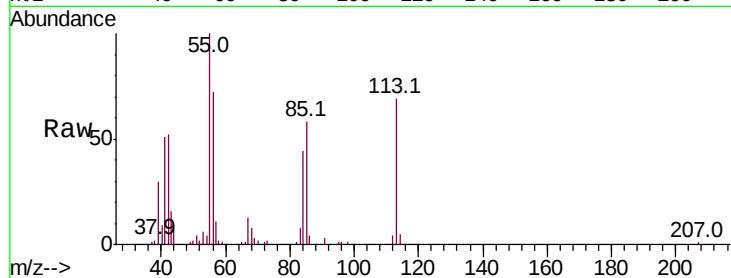
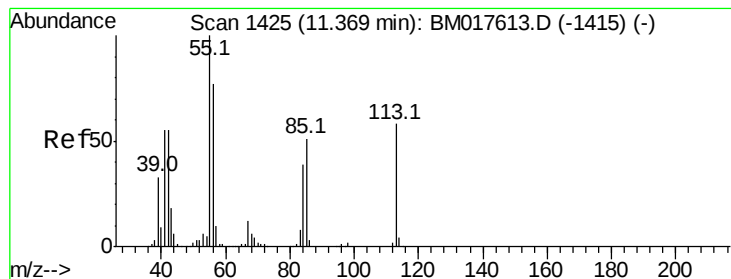
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.440 ng/ml

RT: 11.32 min Scan# 1416

Delta R.T. -0.05 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

Tot Ion:113 Resp: 82682

Ion Ratio Lower Upper

113 100

55 144.8 153.1 193.1#

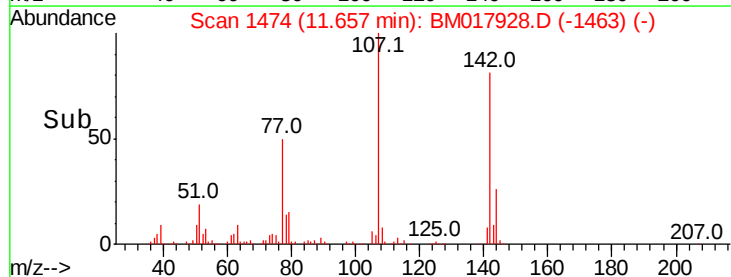
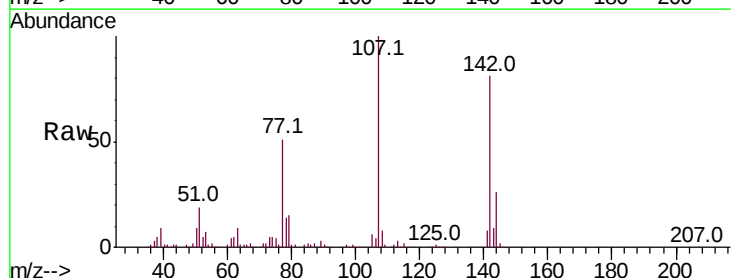
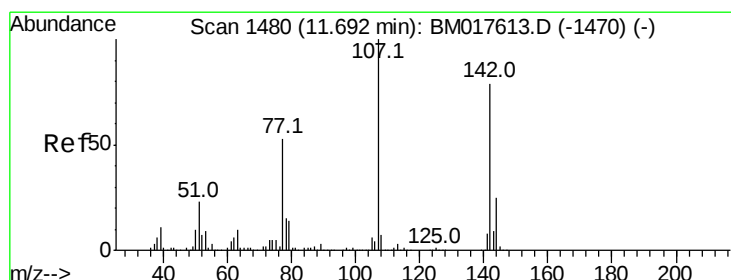
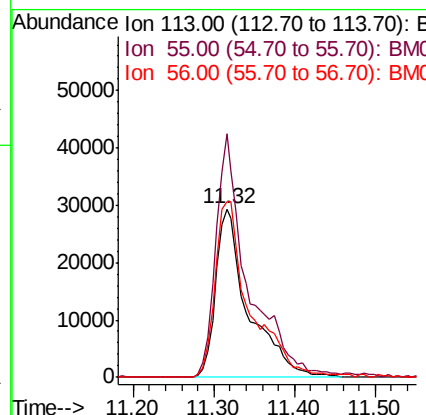
56 104.4 112.7 152.7#

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#36

4-Chloro-3-methylphenol

Concen: 32.228 ng/ml

RT: 11.66 min Scan# 1474

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

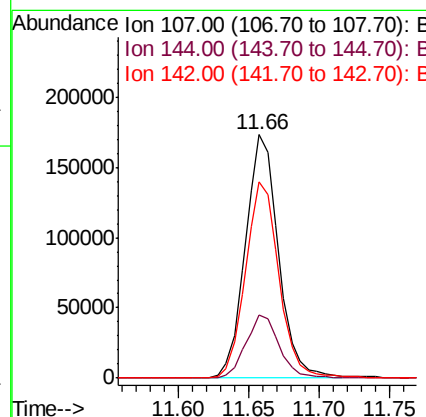
Tgt Ion:107 Resp: 283770

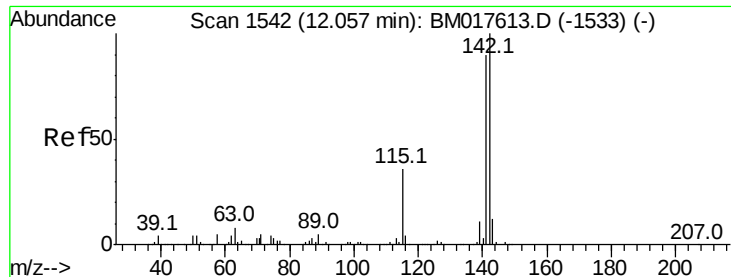
Ion Ratio Lower Upper

107 100

144 26.1 19.9 29.9

142 80.7 63.0 94.4





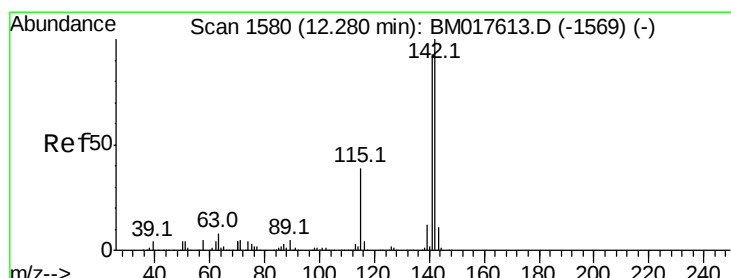
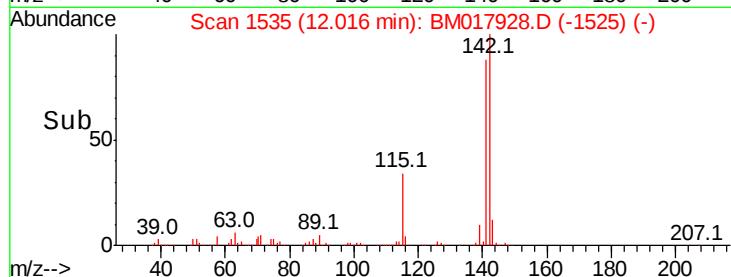
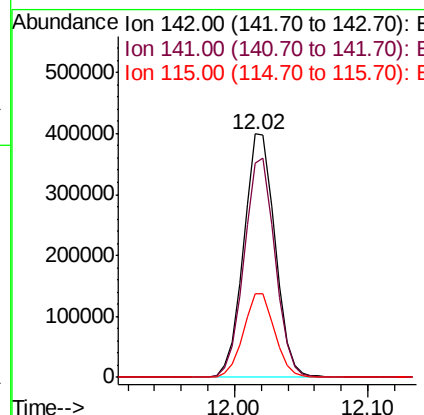
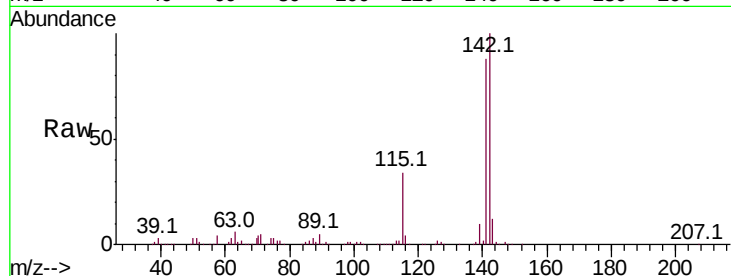
#37
2-Methylnaphthalene
Concen: 37.036 ng
RT: 12.02 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.2	108.4
115	34.1	28.5	42.7

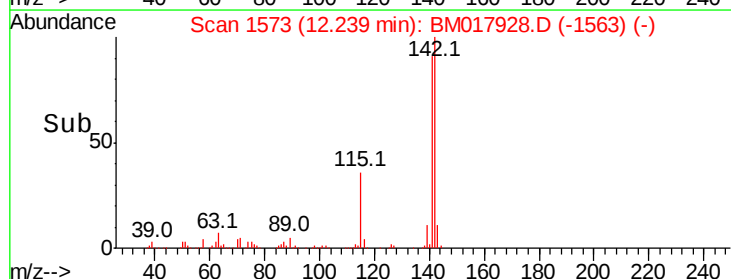
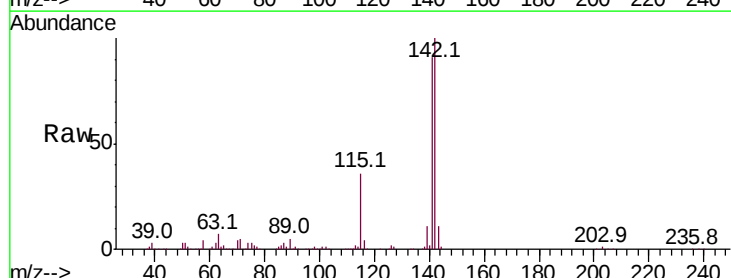
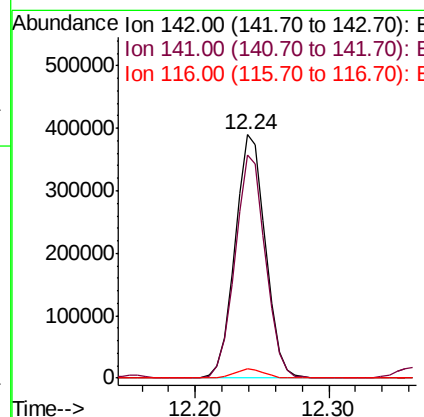
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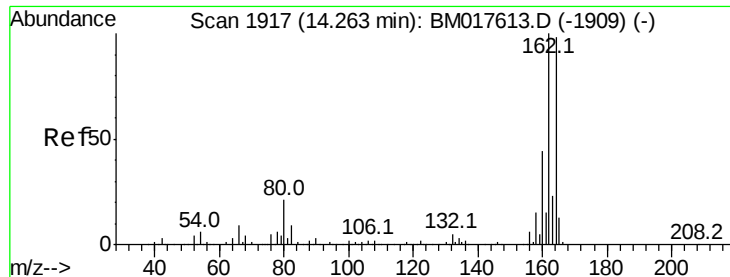
mohammad
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#38
1-Methylnaphthalene
Concen: 36.088 ng
RT: 12.24 min Scan# 1573
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.4
116	3.8	3.1	4.7





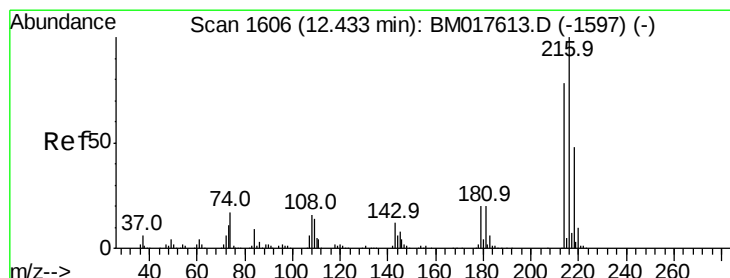
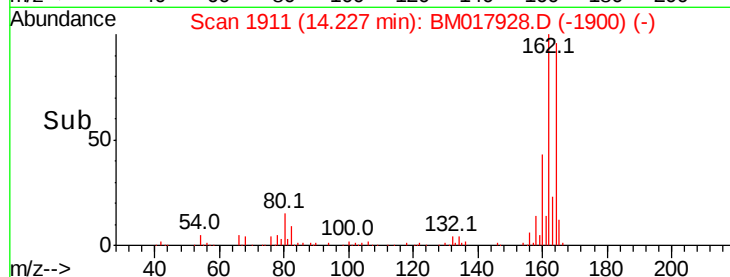
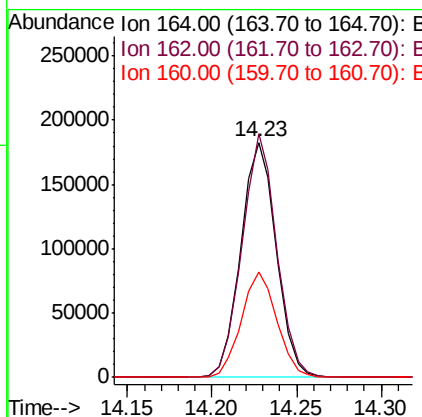
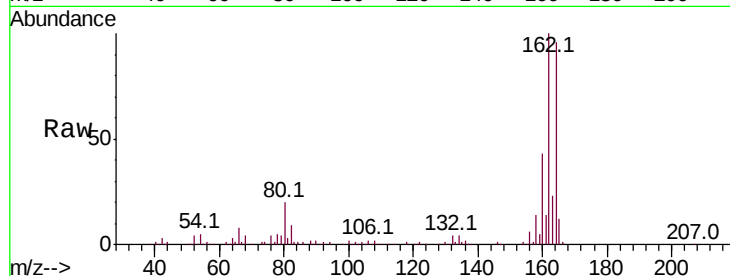
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	44.9	35.6	53.4

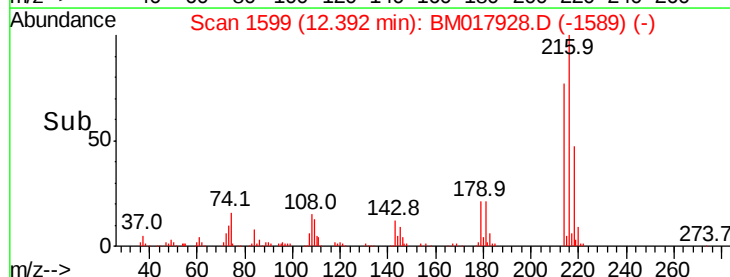
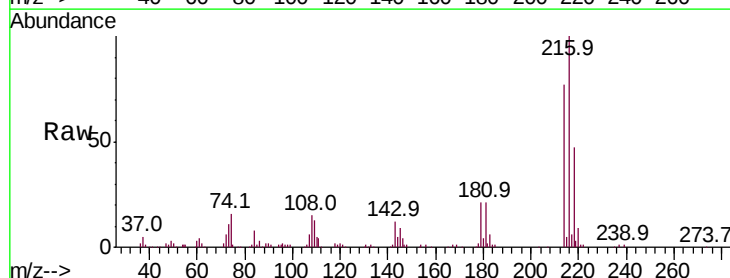
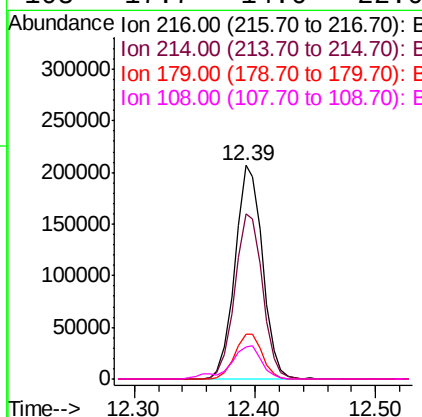
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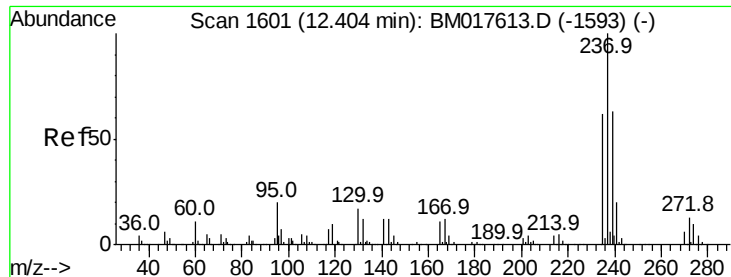
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.922 ng
RT: 12.39 min Scan# 1599
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.5	93.7
179	21.0	16.8	25.2
108	17.7	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 45.377 ng

RT: 12.36 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

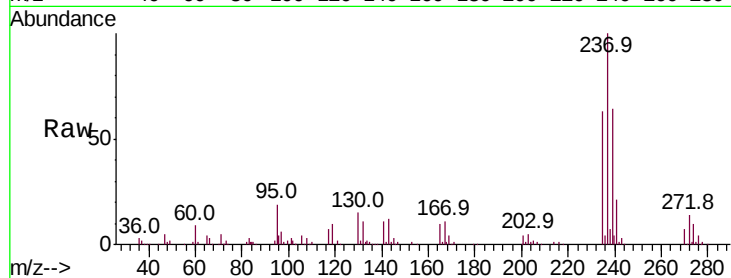
ClientSampleId :

PB115307BS

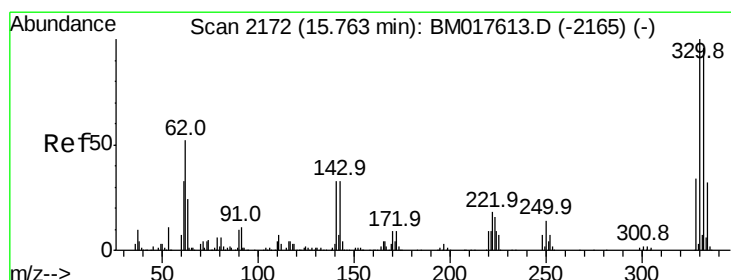
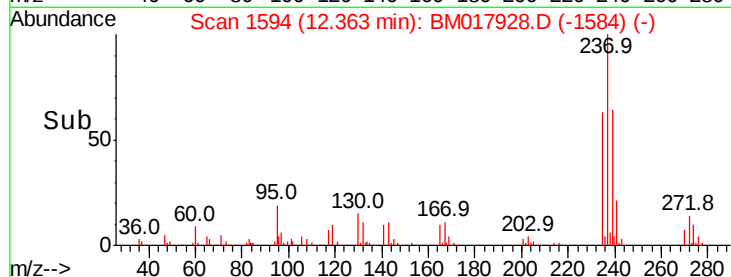
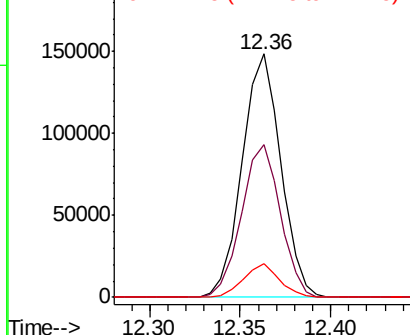
Tot Ion:	237	Resp:	220310
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.2	82.2
272	13.9	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 72.107 ng

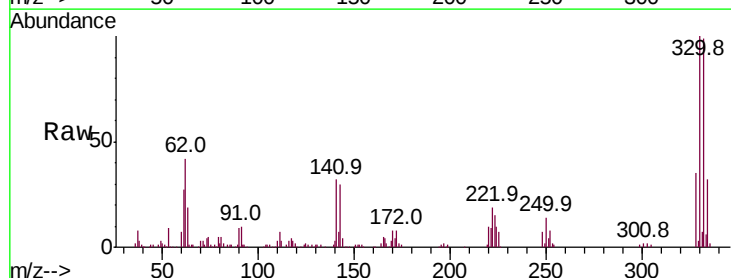
RT: 15.73 min Scan# 2167

Delta R.T. -0.03 min

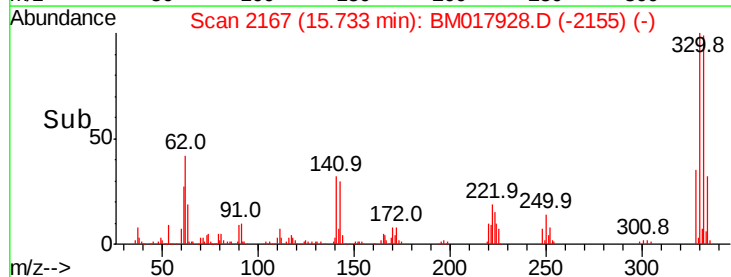
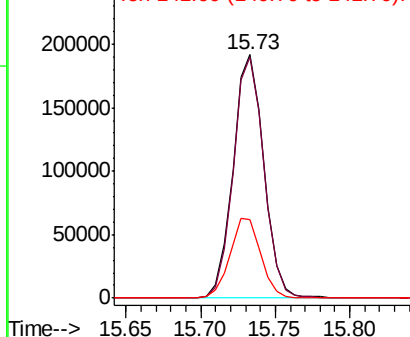
Lab File: BM017928.D

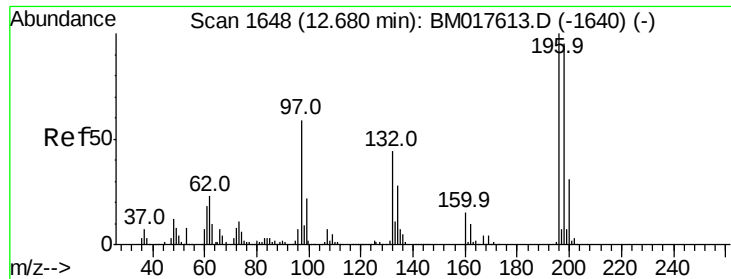
Acq: 05 Dec 2018 07:12

Tgt Ion:	330	Resp:	276059
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.9	116.9
141	33.0	27.5	41.3



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





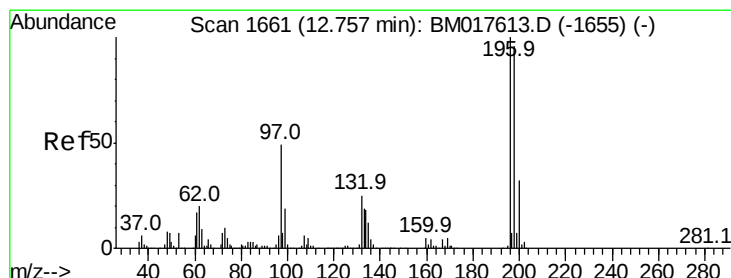
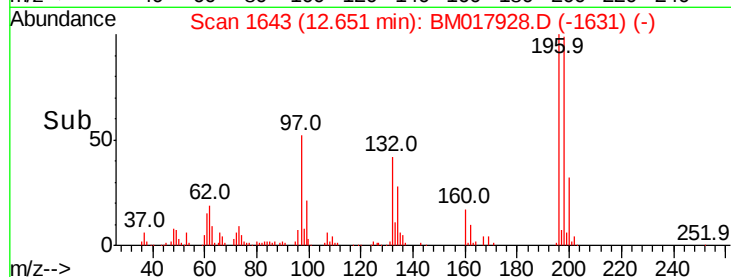
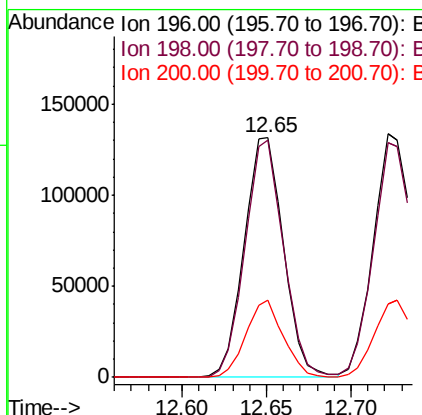
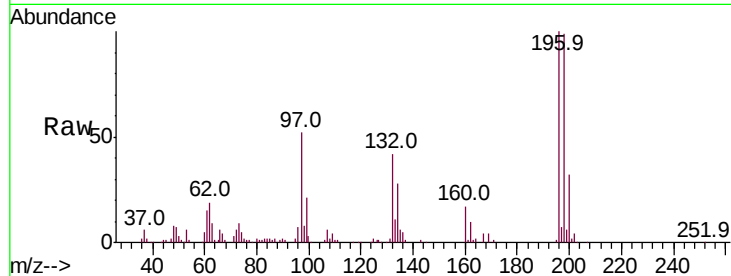
#43
 2,4,6-Trichlorophenol
 Concen: 36.275 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213484		
198	98.9	75.6	113.4	
200	32.3	24.8	37.2	

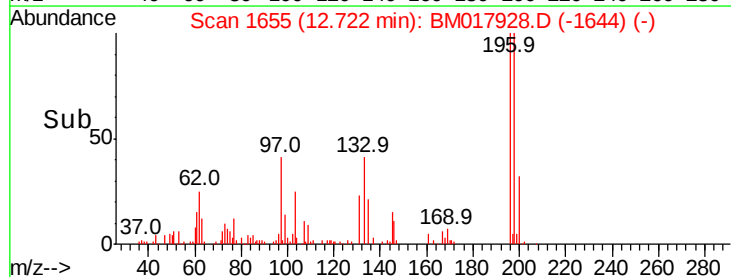
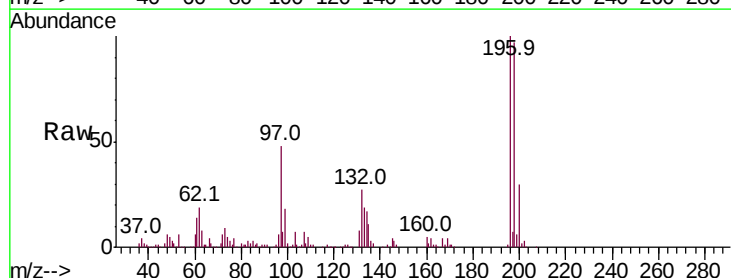
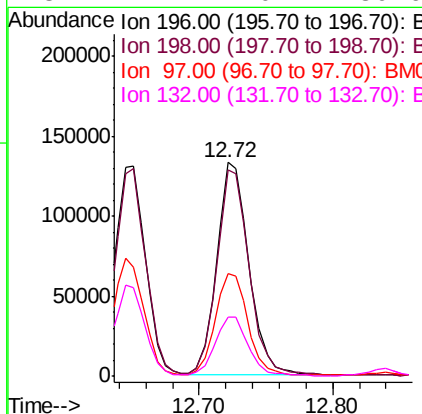
Manual Integrations
 APPROVED

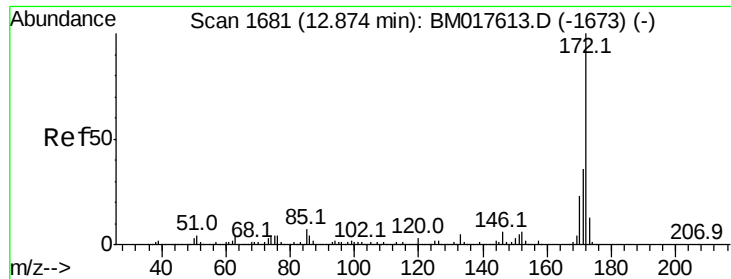
mohammad
 12/5/2018 4:50:23 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.132 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224525		
198	96.6	76.8	115.2	
97	47.8	39.0	58.6	
132	27.4	20.4	30.6	





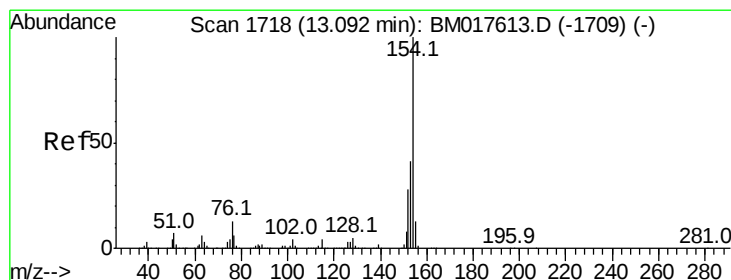
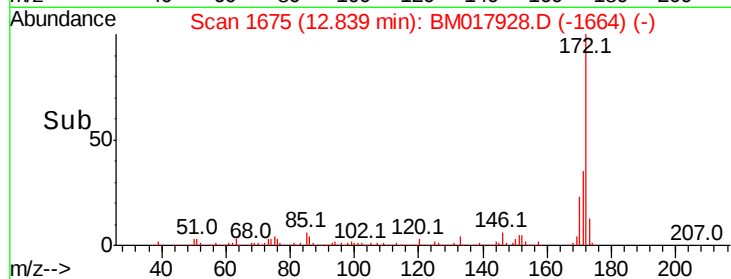
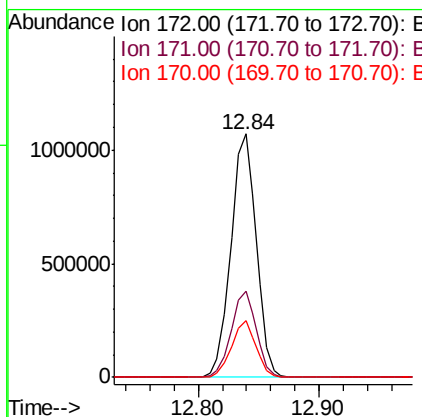
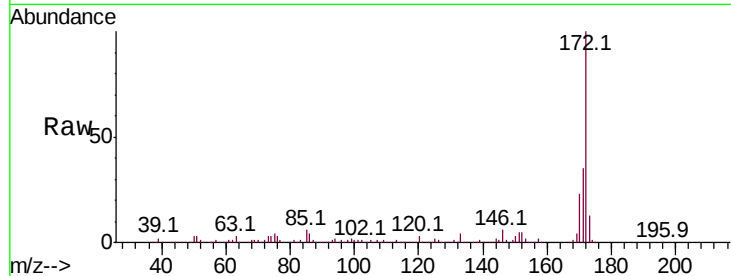
#45
2-Fluorobiphenyl
Concen: 76.213 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.1	18.3	27.5

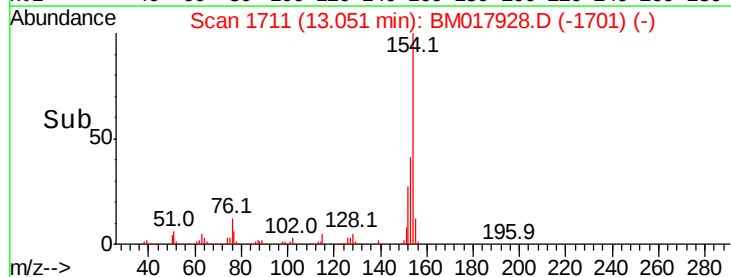
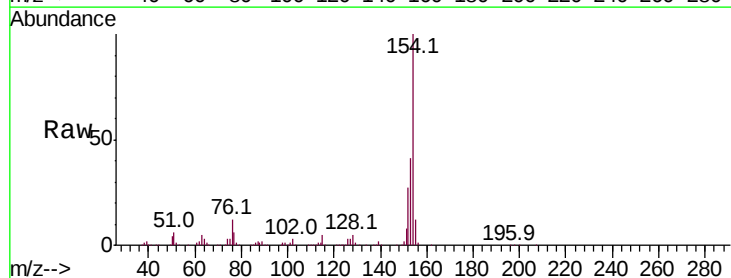
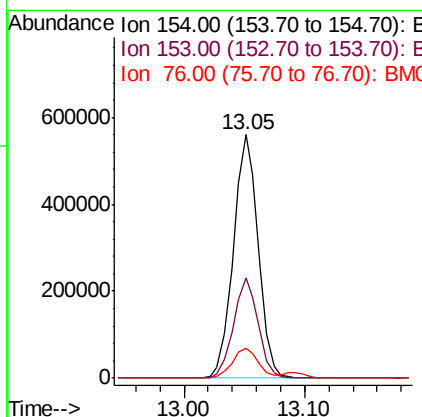
Manual Integrations
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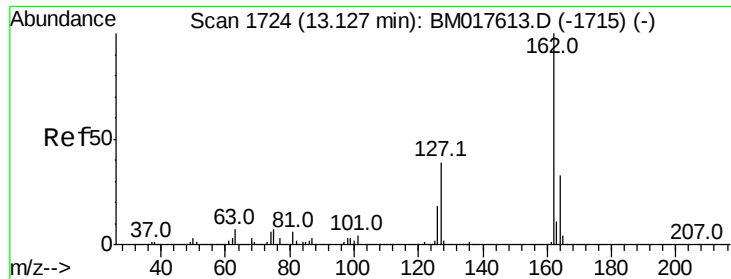
mohammad
12/5/2018 4:50:23 PM



#46
1,1'-Biphenyl
Concen: 33.354 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.0	0.0	32.8





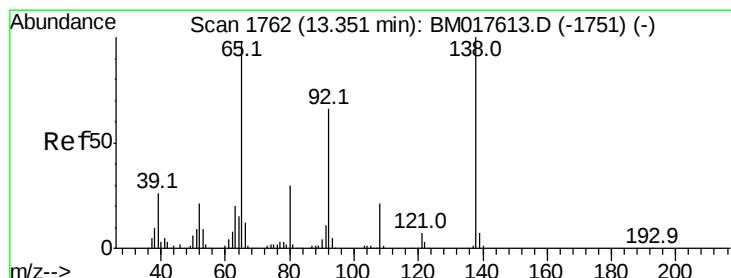
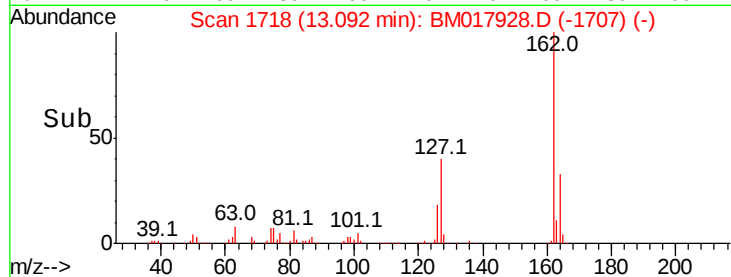
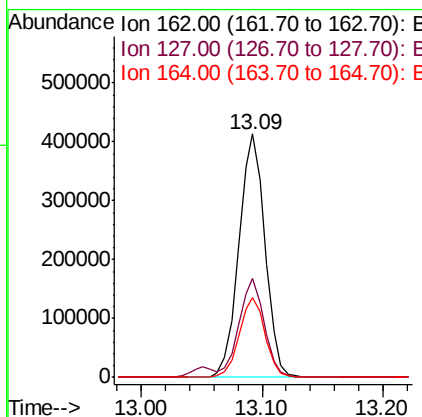
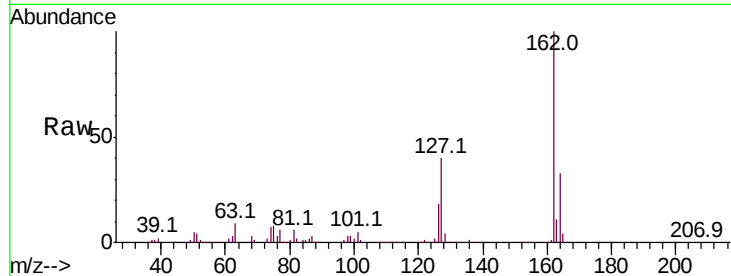
#47
2-Chloronaphthalene
Concen: 35.007 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	48.8
164	32.7	26.5	39.7

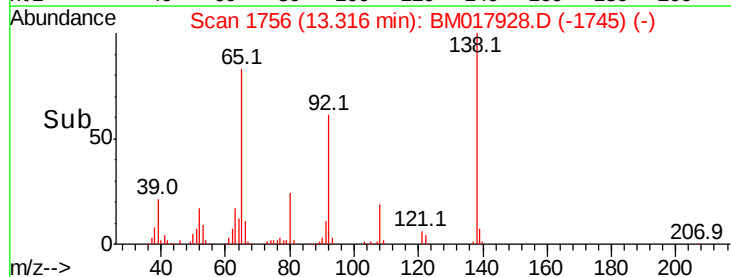
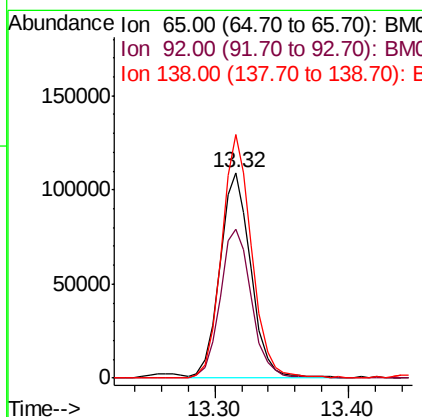
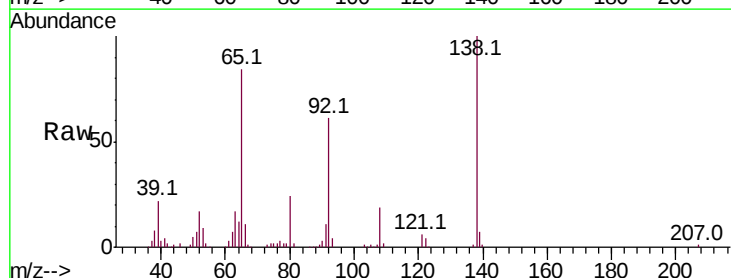
Manual Integrations
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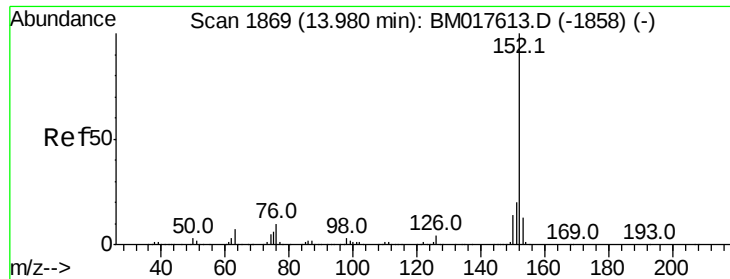
mohammad
12/5/2018 4:50:23 PM



#48
2-Nitroaniline
Concen: 32.000 ng
RT: 13.32 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.7	80.5
138	118.5	81.5	122.3





#49

Acenaphthylene

Concen: 37.505 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

Tot Ion:152 Resp: 1000315

Ion Ratio Lower Upper

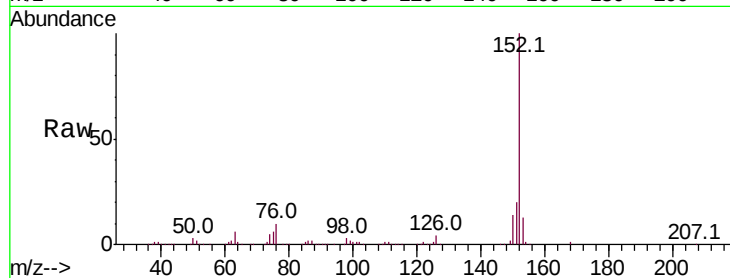
152 100

151 19.7 15.9 23.9

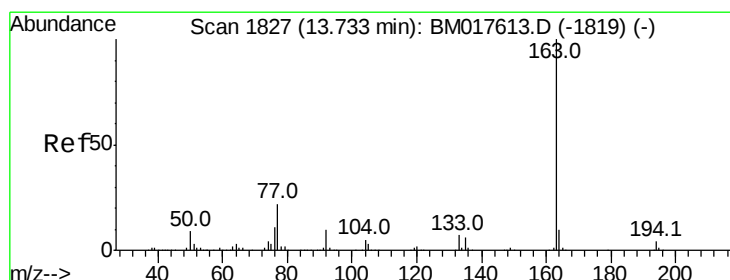
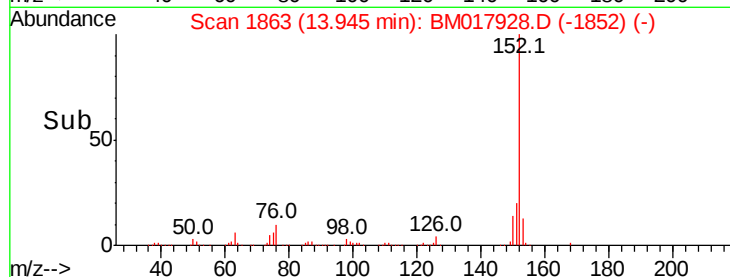
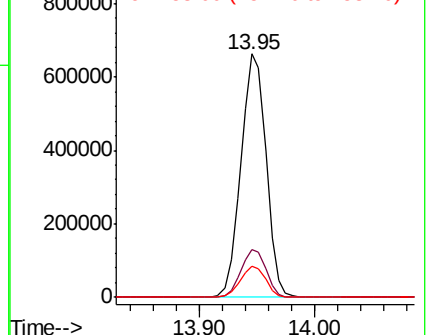
153 12.6 10.5 15.7

Manual Integrations
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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: 33.764 ng

RT: 13.70 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

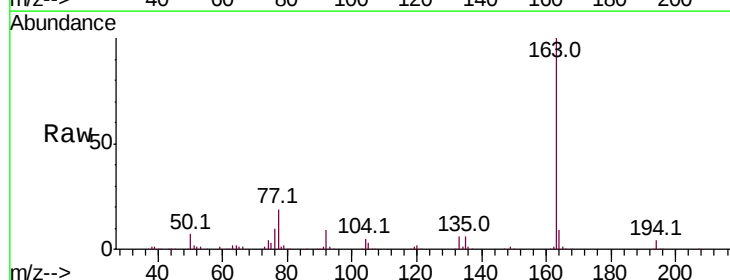
Tgt Ion:163 Resp: 731429

Ion Ratio Lower Upper

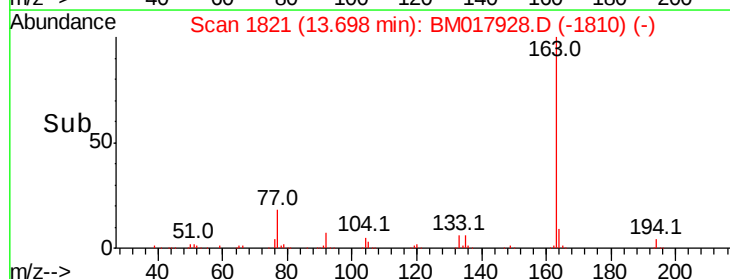
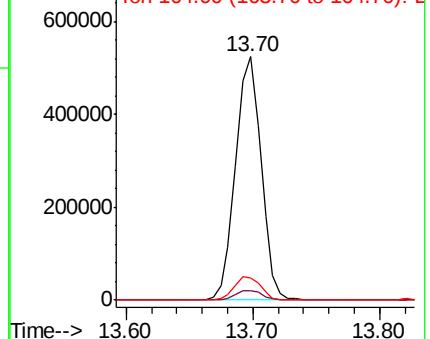
163 100

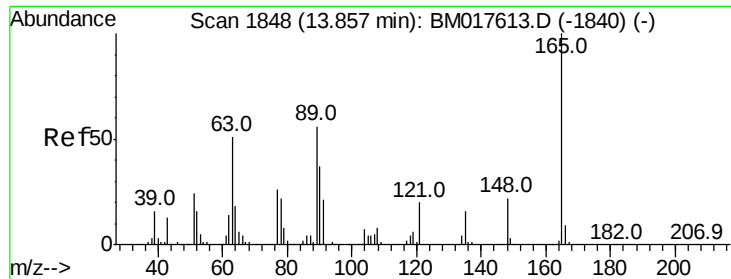
194 4.1 3.1 4.7

164 9.4 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





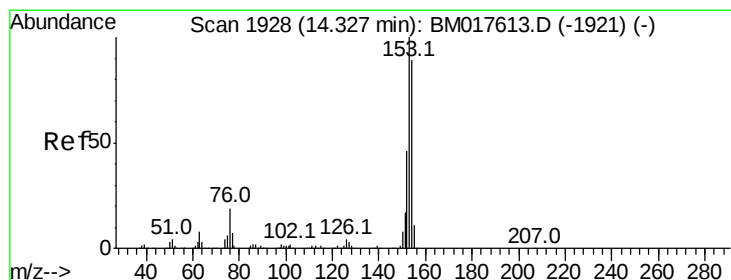
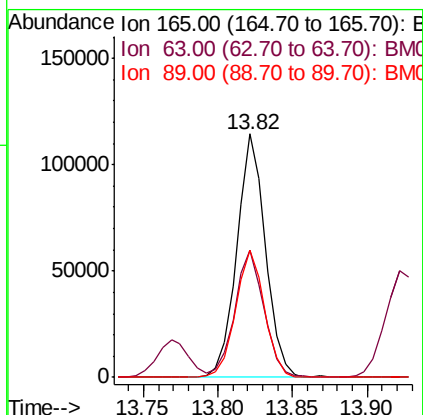
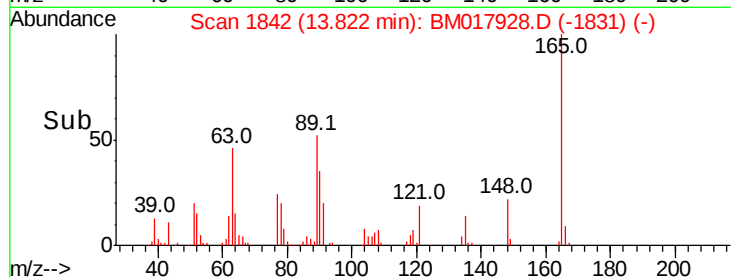
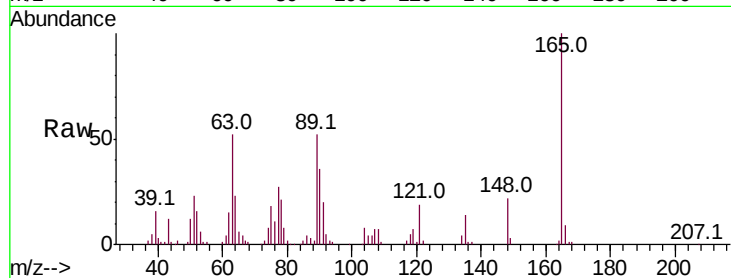
#51
2,6-Dinitrotoluene
Concen: 31.635 ng
RT: 13.82 min Scan# 1842
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.4	47.3	70.9	
89	52.2	44.8	67.2	

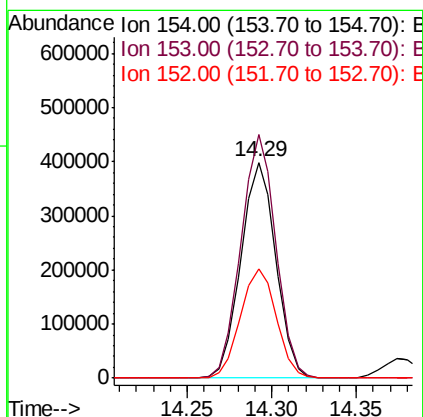
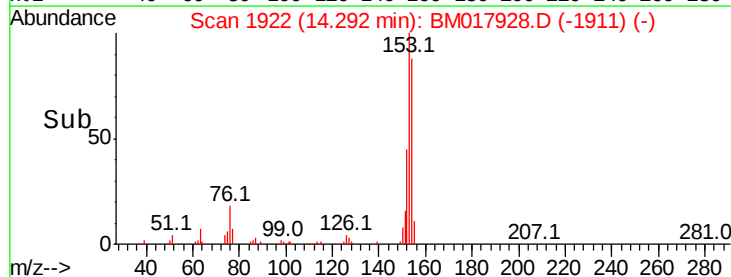
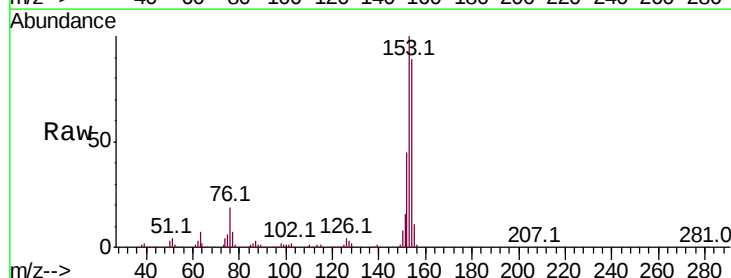
Manual Integrations
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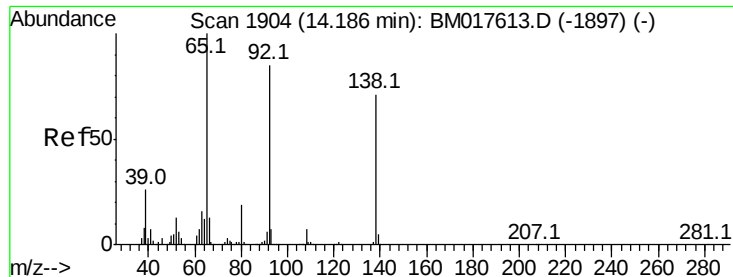
mohammad
12/5/2018 4:50:23 PM



#52
Acenaphthene
Concen: 35.163 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.0	90.2	135.4	
152	51.0	41.6	62.4	





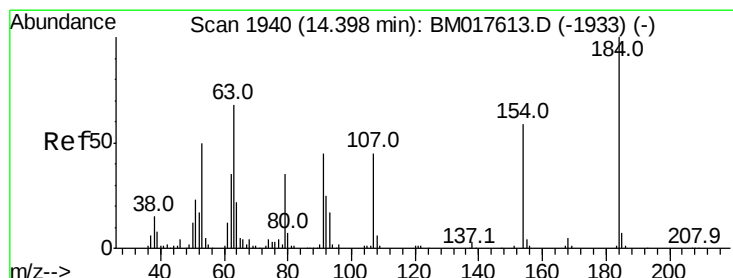
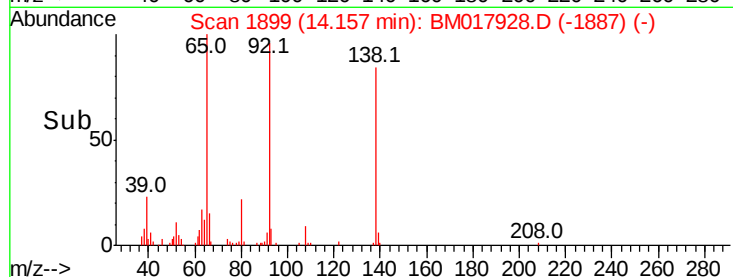
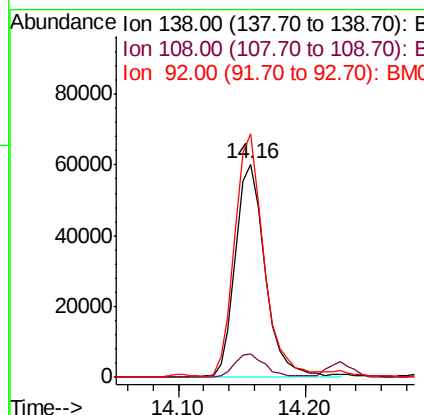
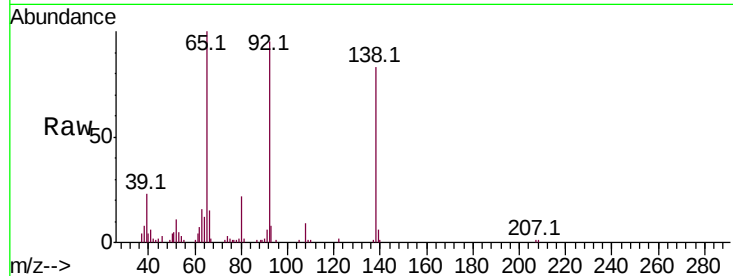
#53
3-Nitroaniline
Concen: 18.755 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.2	12.2
92	114.2	95.4	143.2

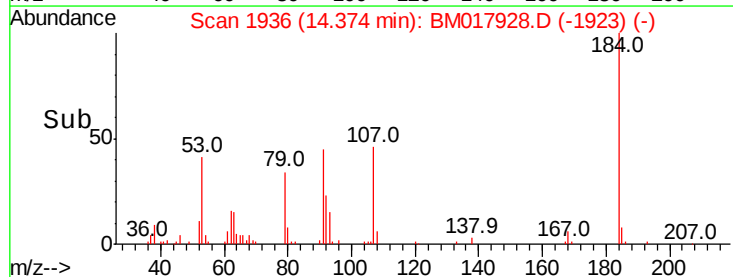
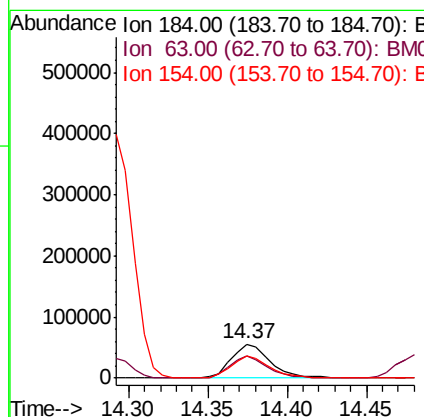
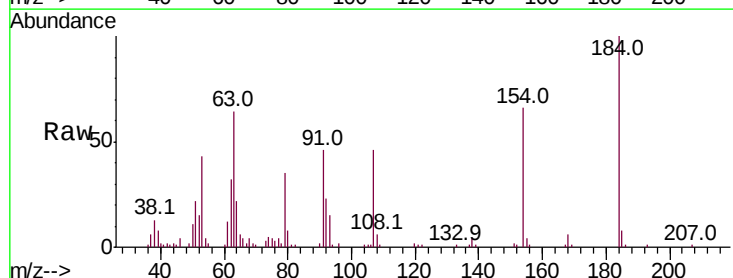
Manual Integrations
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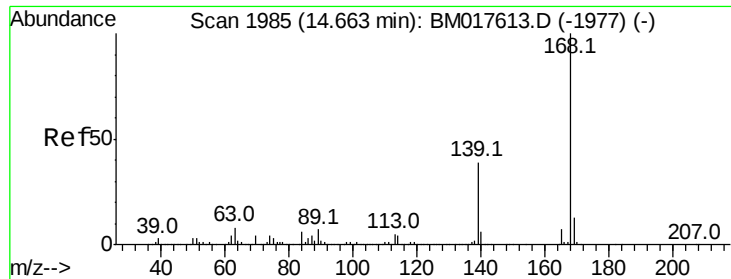
mohammad
12/5/2018 4:50:23 PM



#54
2,4-Dinitrophenol
Concen: 36.428 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.6	55.1	82.7
154	66.1	51.3	76.9





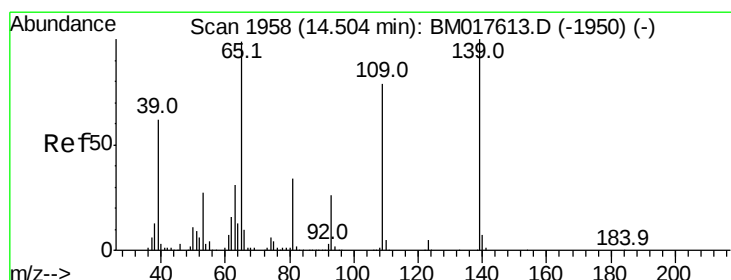
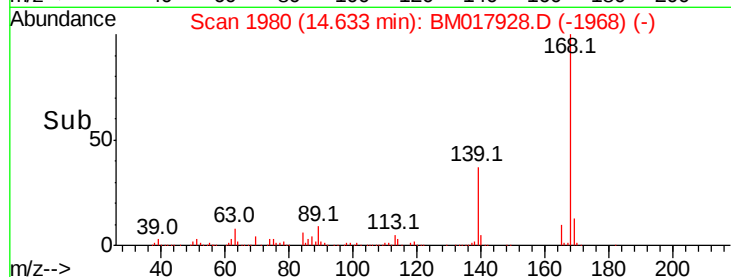
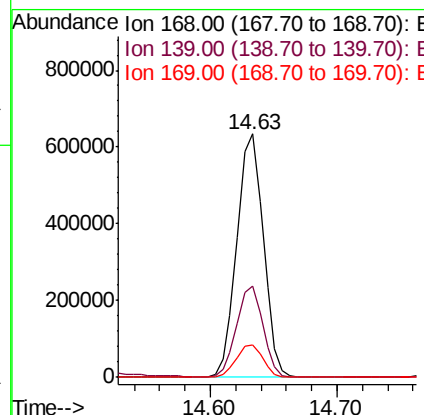
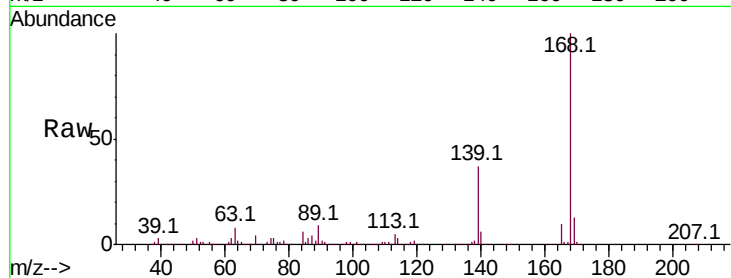
#55
Dibenzofuran
Concen: 34.209 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.0	46.6
169	13.4	10.6	16.0

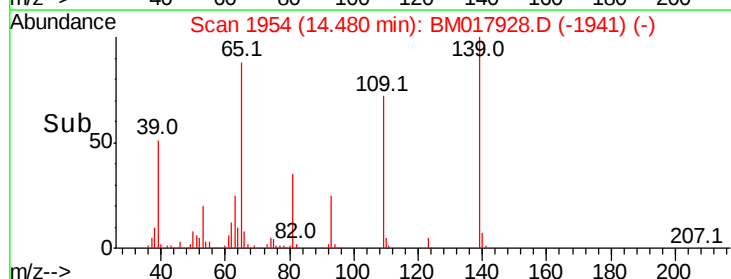
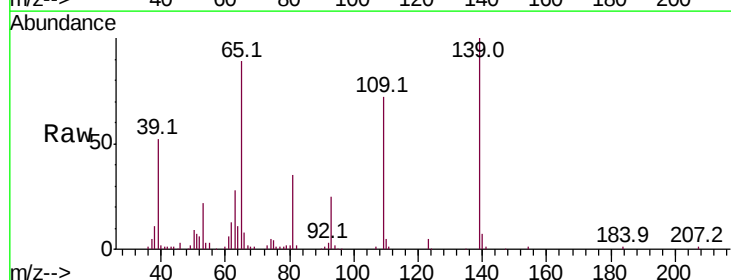
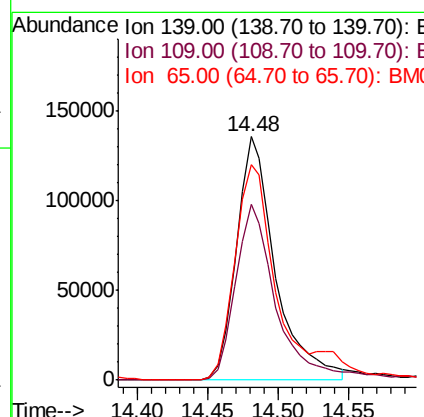
Manual Integrations
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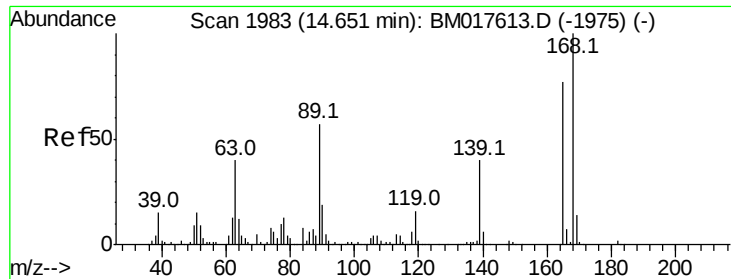
mohammad
12/5/2018 4:50:23 PM



#56
4-Nitrophenol
Concen: 60.670 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	58.6	98.6
65	88.7	79.5	119.5





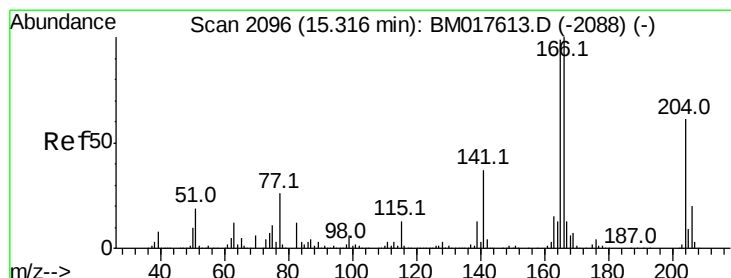
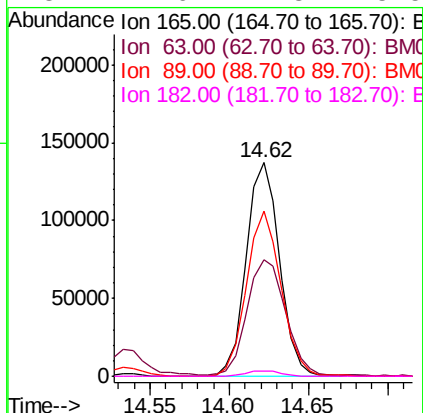
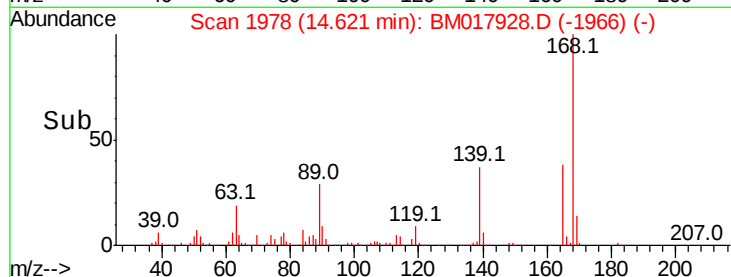
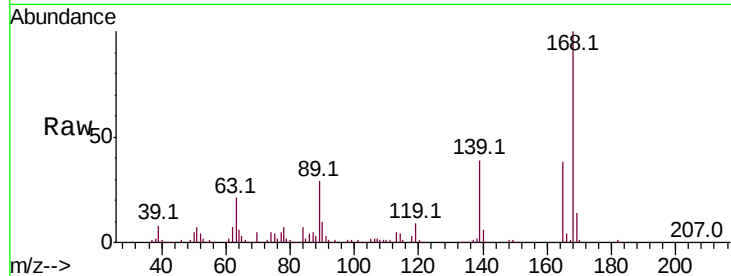
#57
2,4-Dinitrotoluene
Concen: 30.864 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200693		
63	54.8		41.8	62.8
89	77.6		59.5	89.3
182	2.6		2.3	3.5

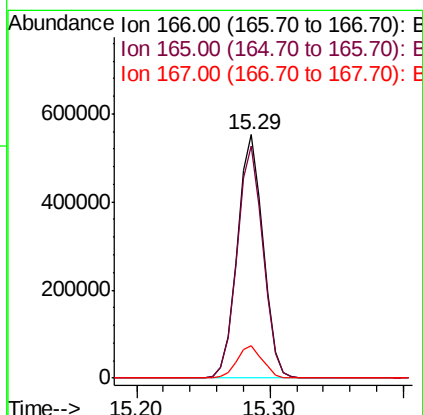
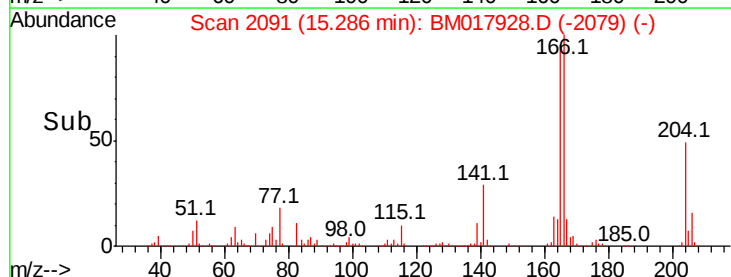
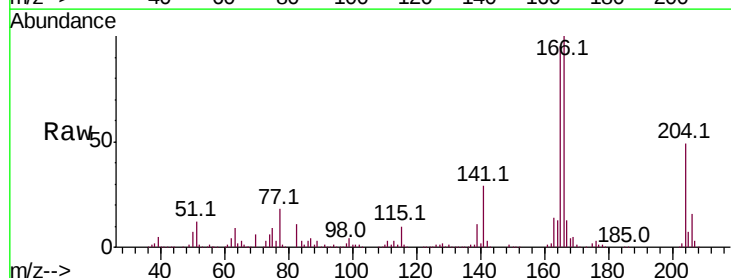
Manual Integrations
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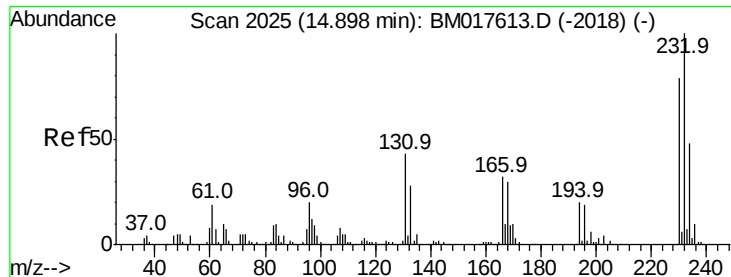
mohammad
12/5/2018 4:50:23 PM



#58
Fluorene
Concen: 36.033 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	737889		
165	95.1		79.0	118.6
167	13.1		10.8	16.2





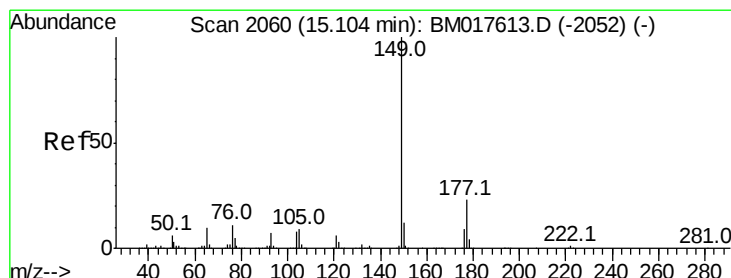
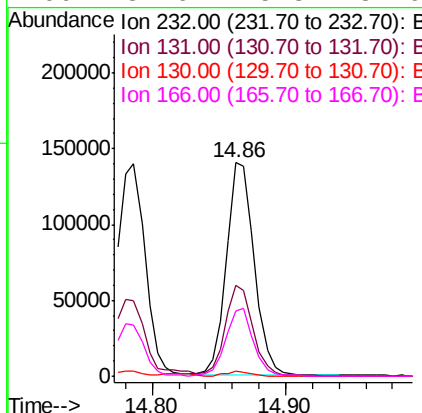
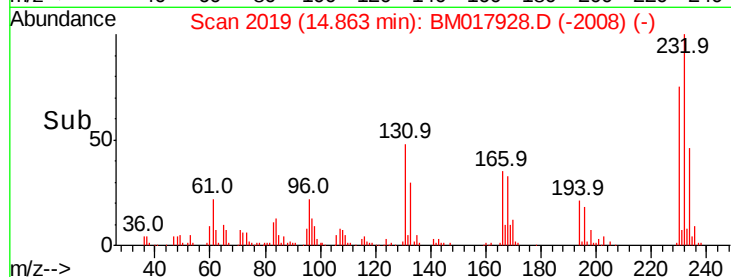
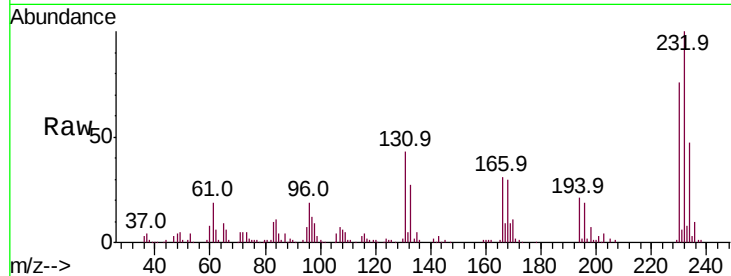
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.118 ng
 RT: 14.86 min Scan# 2019
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	206432		
131	41.9		34.8	52.2
130	2.1		1.9	2.9
166	31.6		25.3	37.9

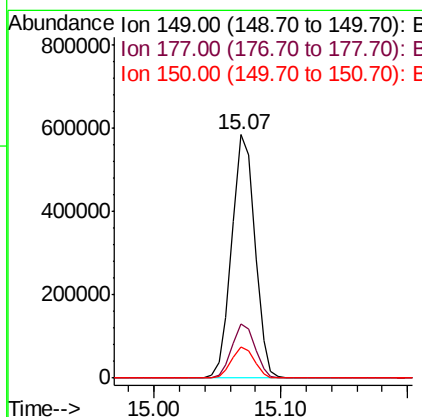
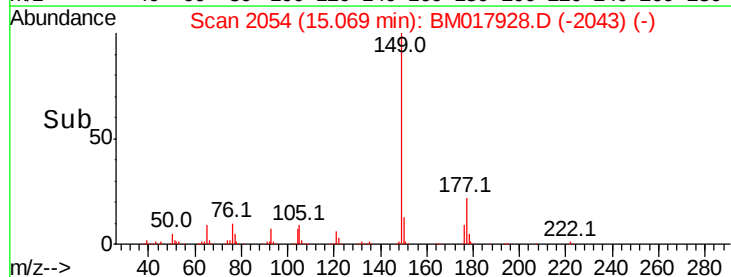
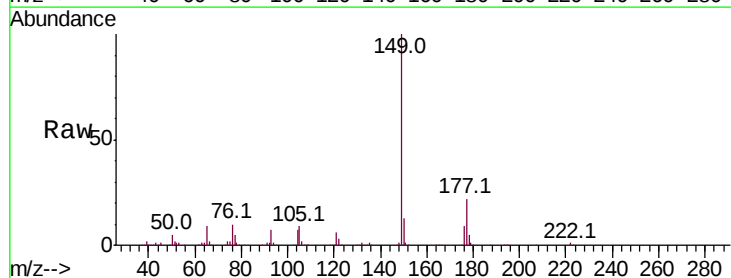
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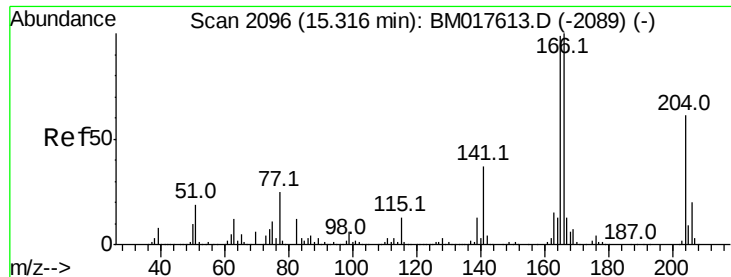
mohammad
 12/5/2018 4:50:23 PM



#60
 Diethylphthalate
 Concen: 31.452 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	736180		
177	22.2		18.1	27.1
150	12.6		9.9	14.9





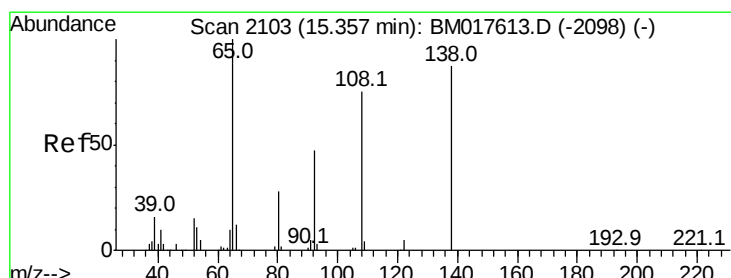
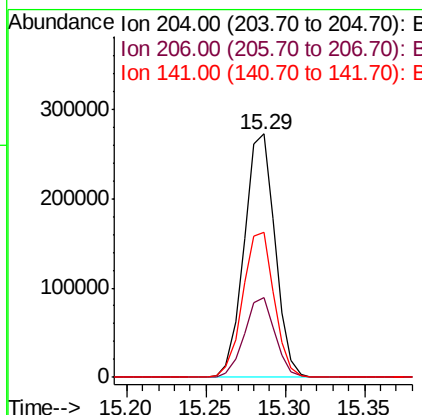
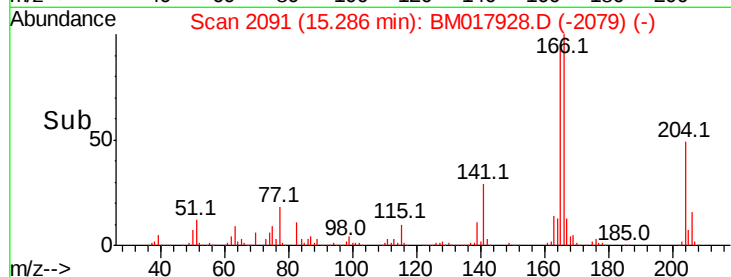
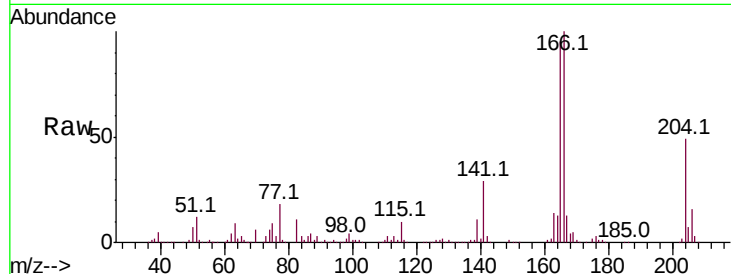
#61
 4-Chlorophenyl-phenylether
 Concen: 31.619 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	59.5	47.9	71.9

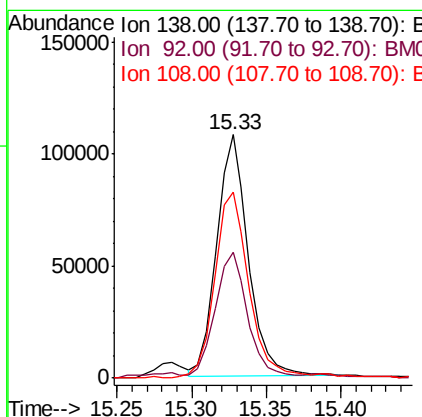
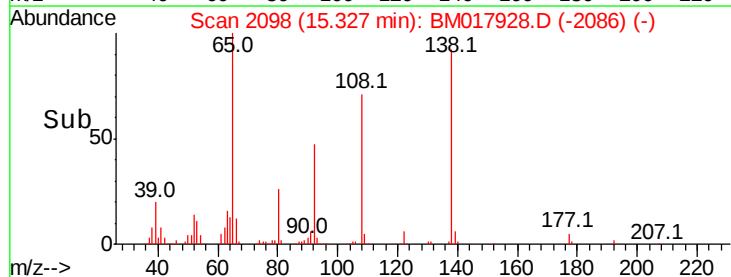
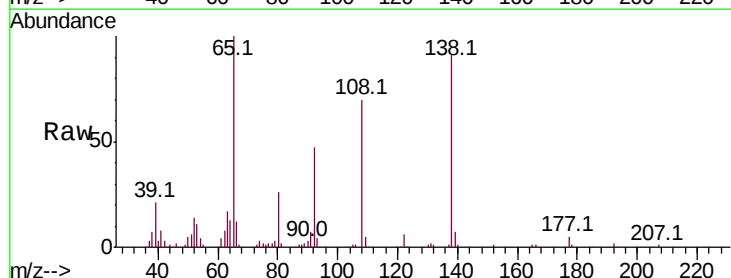
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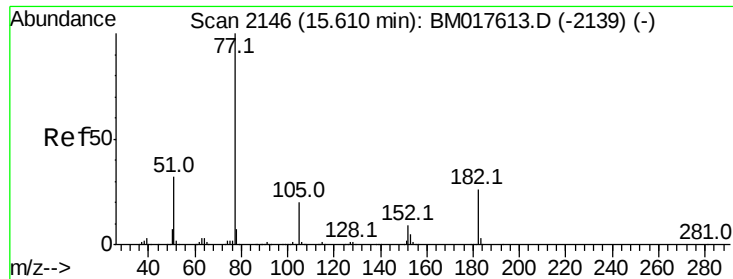
mohammad
 12/5/2018 4:50:23 PM



#62
 4-Nitroaniline
 Concen: 32.246 ng
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	33.4	73.4
108	76.6	64.3	104.3





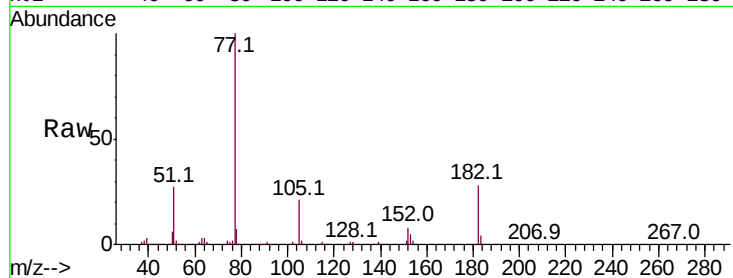
#63
Azobenzene
Concen: 31.301 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	5.8	45.8	
105	21.3	0.0	40.0	
51	26.9	12.5	52.5	

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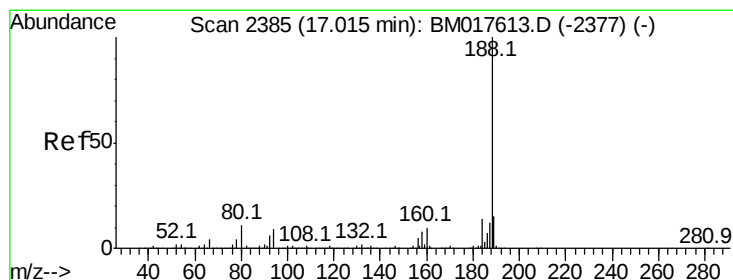
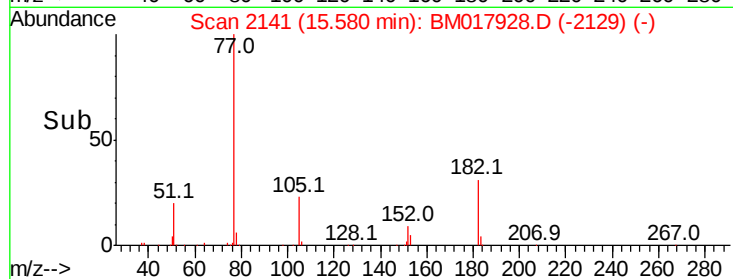
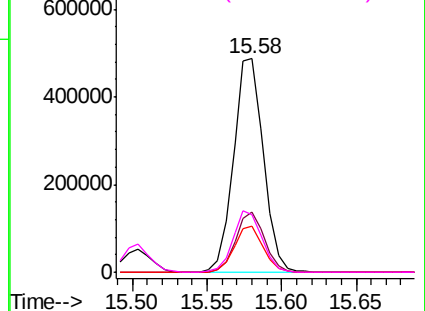


Abundance Ion 77.00 (76.70 to 77.70): BM017928.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM017928.D (-2129) (-)

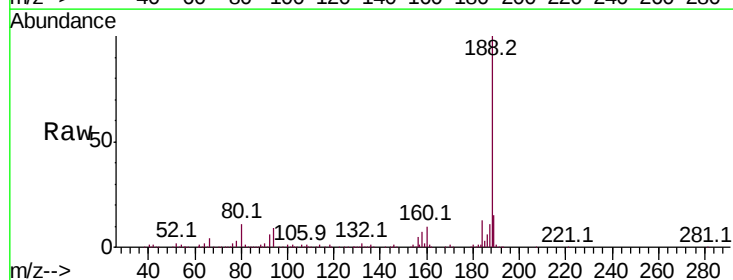
Ion 105.00 (104.70 to 105.70): BM017928.D (-2129) (-)

Ion 51.00 (50.70 to 51.70): BM017928.D (-2129) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

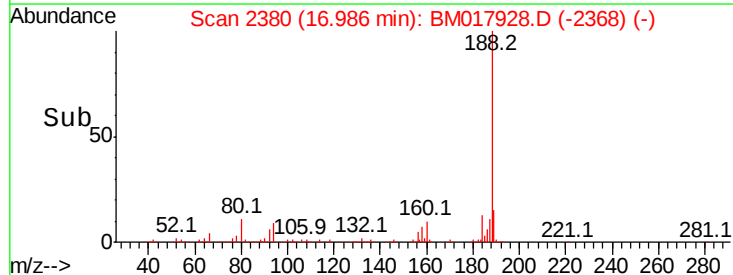
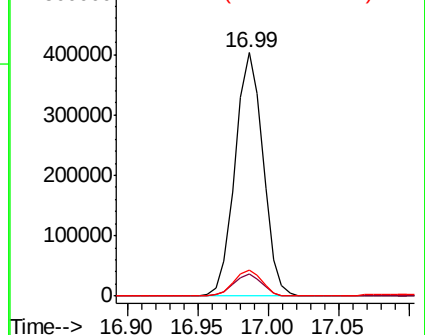
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	7.5	11.3	
80	10.6	8.6	13.0	

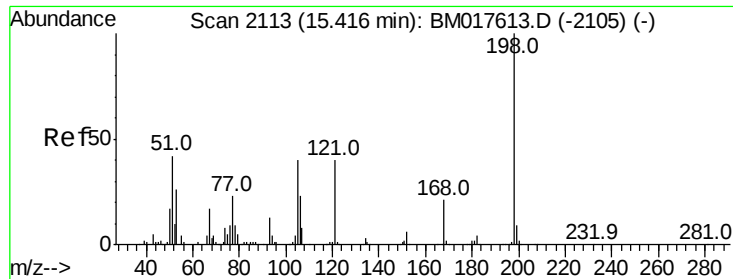


Abundance Ion 188.00 (187.70 to 188.70): BM017928.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017928.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017928.D (-2368) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 18.009 ng

RT: 15.39 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

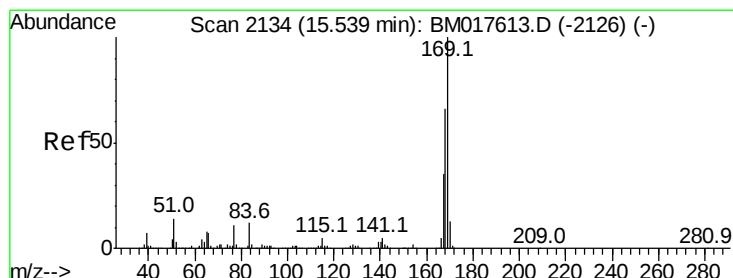
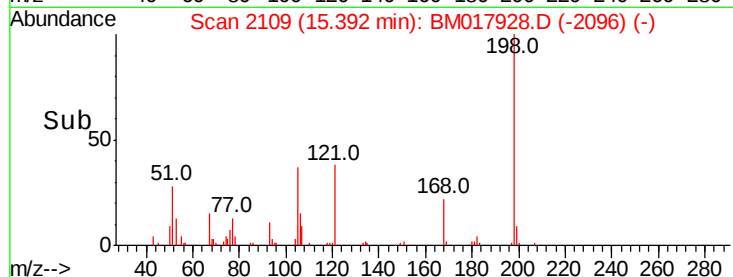
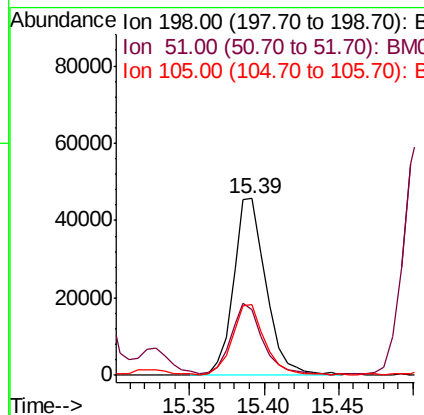
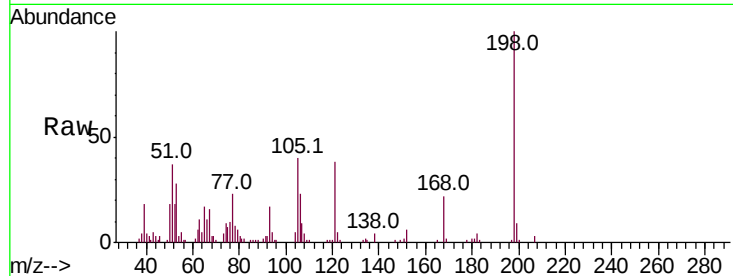
ClientSampleId :

PB115307BS

Tot Ion:	198	Resp:	69614
Ion Ratio	Lower	Upper	
198	100		
51	37.3	25.9	65.9
105	40.3	20.6	60.6

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#66

n-Nitrosodiphenylamine

Concen: 35.431 ng

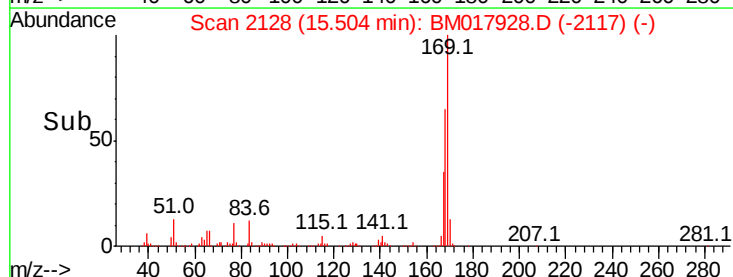
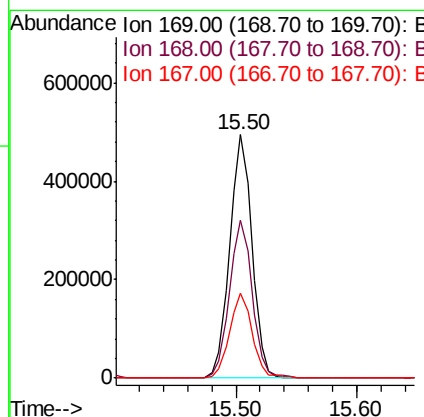
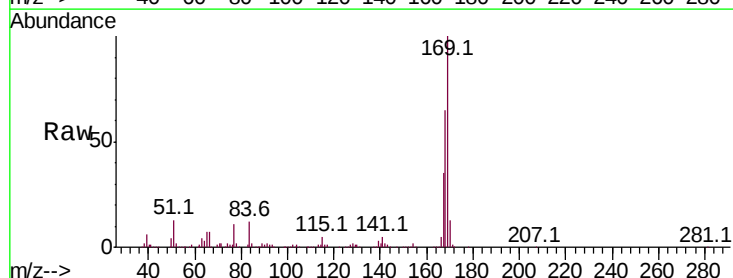
RT: 15.50 min Scan# 2128

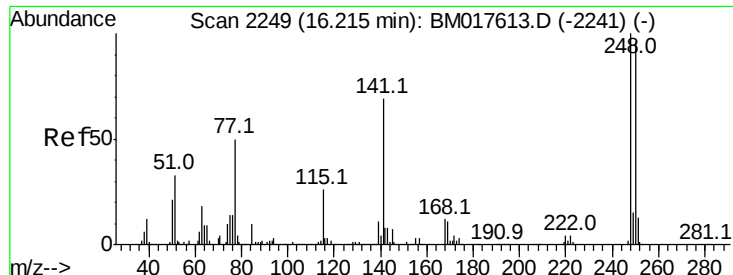
Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:	169	Resp:	635645
Ion Ratio	Lower	Upper	
169	100		
168	65.0	53.0	79.6
167	35.1	28.0	42.0





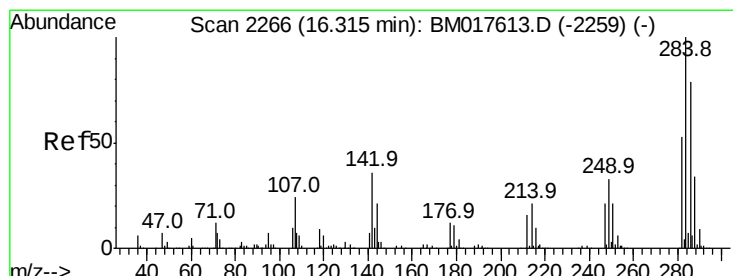
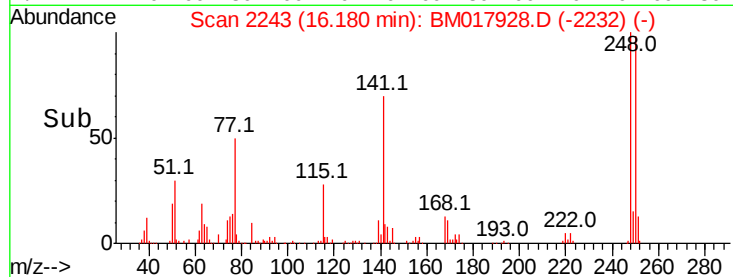
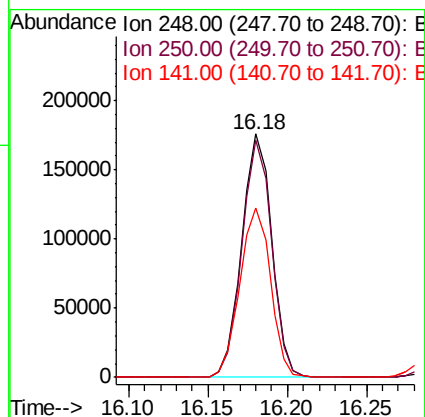
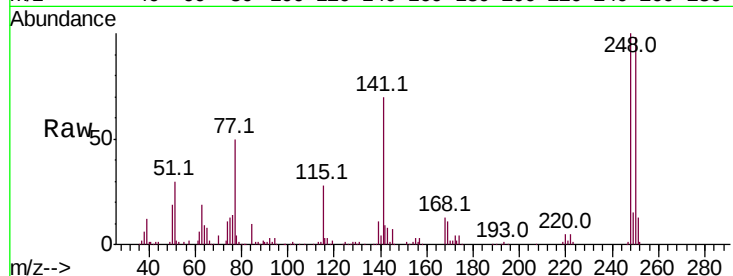
#67
4-Bromophenyl-phenylether
Concen: 35.132 ng
RT: 16.18 min Scan# 2243
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.5	114.7
141	69.7	54.9	82.3

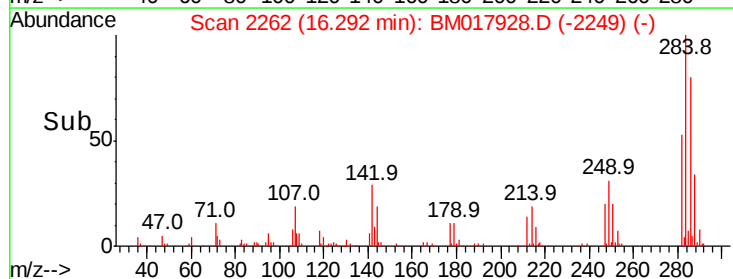
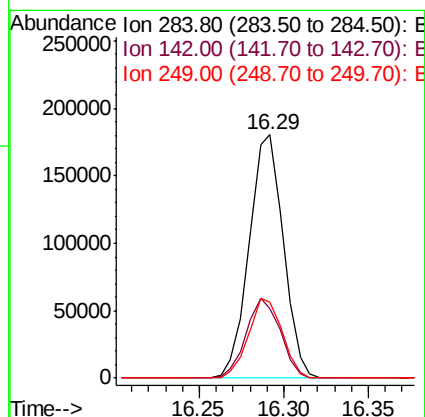
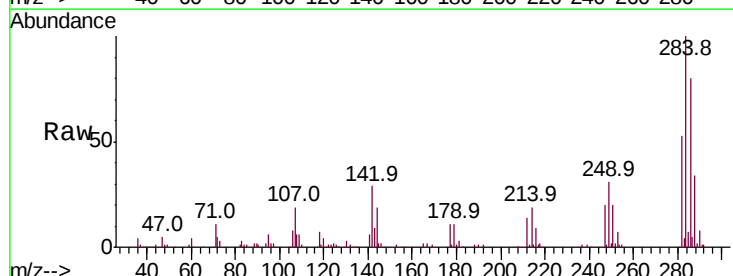
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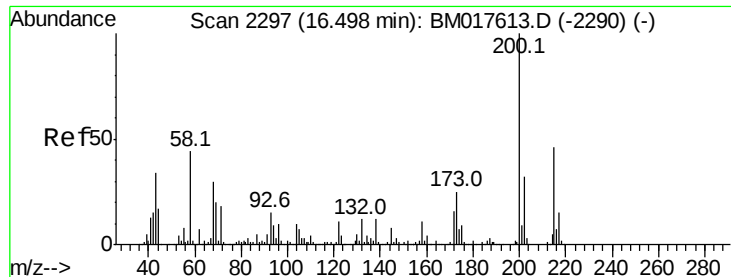
mohammad
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#68
Hexachlorobenzene
Concen: 34.246 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	28.4	42.6
249	31.1	26.4	39.6





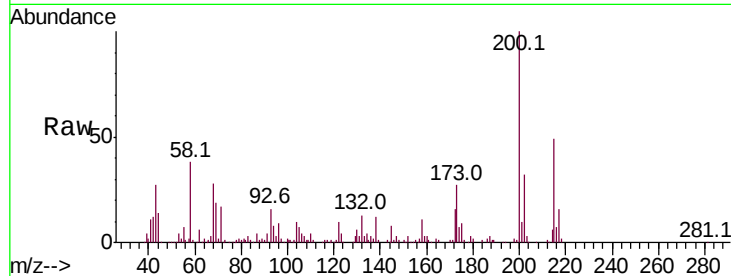
#69
Atrazine
Concen: 33.363 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	220147		
173	27.5	5.1	45.1	
215	48.7	25.8	65.8	

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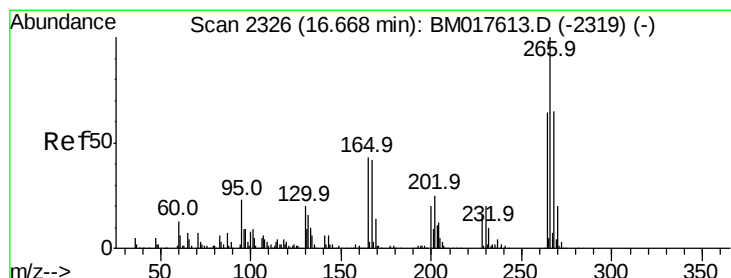
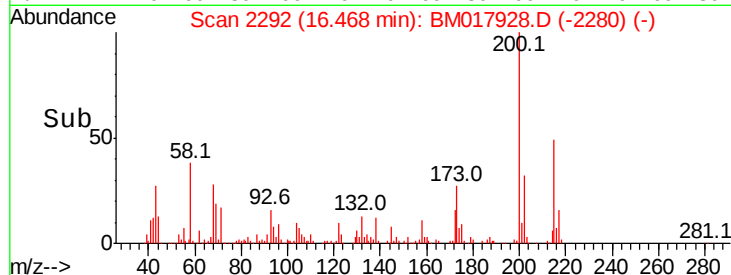
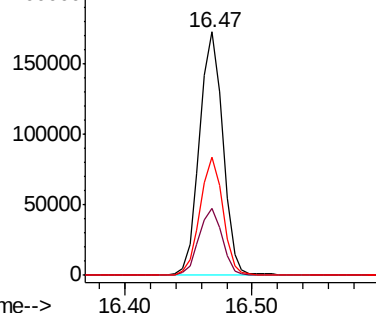


Abundance

Ion 200.00 (199.70 to 200.70): E

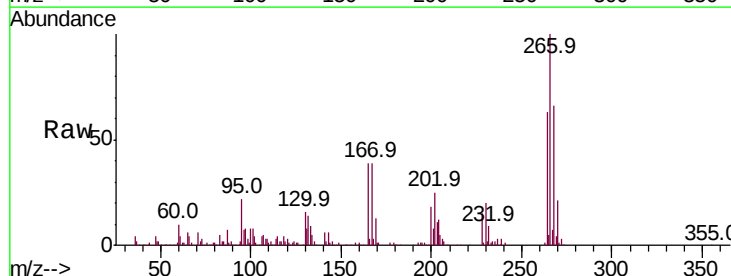
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 59.184 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	308516		
268	65.7	51.7	77.5	
264	63.2	51.3	76.9	

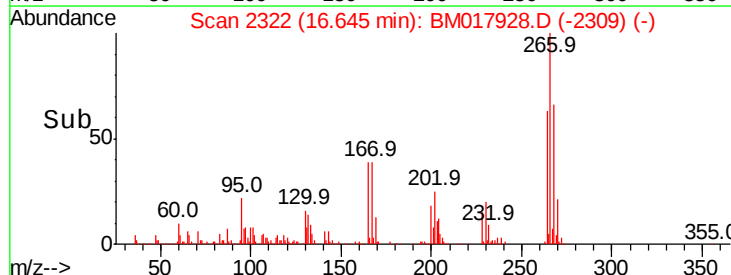
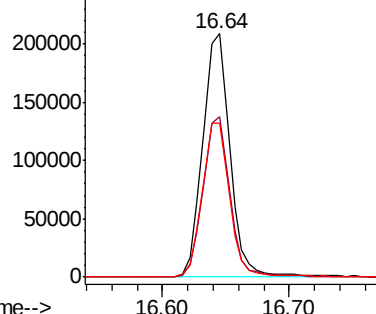


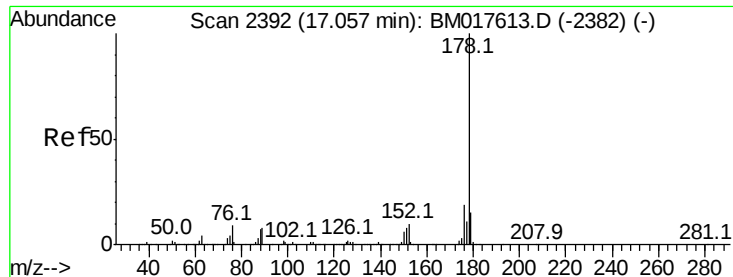
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





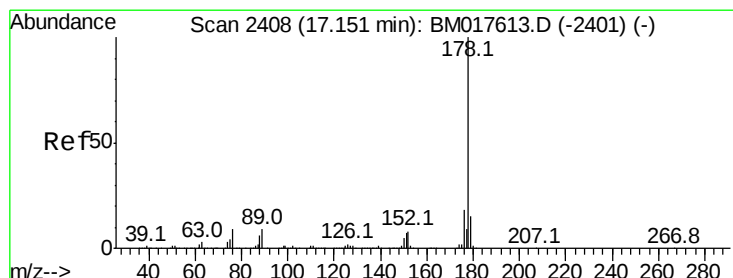
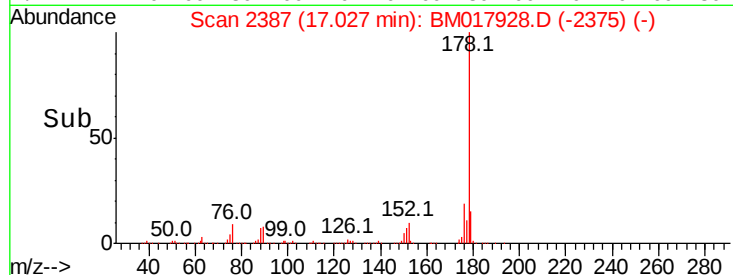
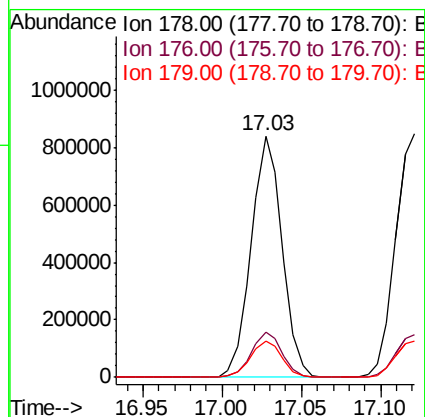
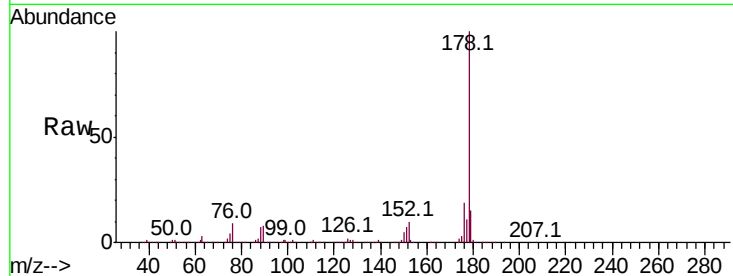
#71
Phenanthrene
Concen: 37.652 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.2	12.4	18.6

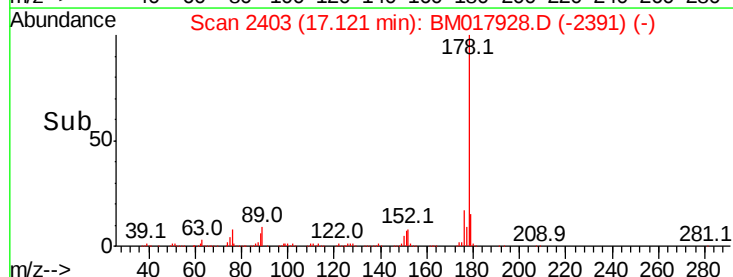
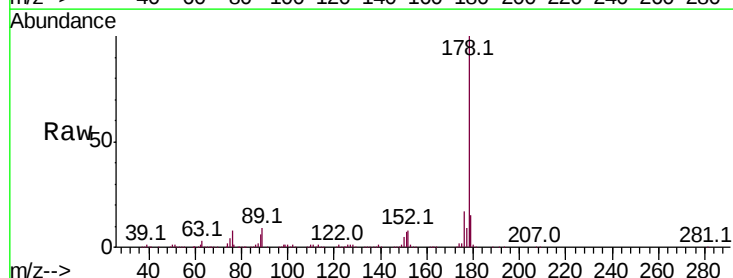
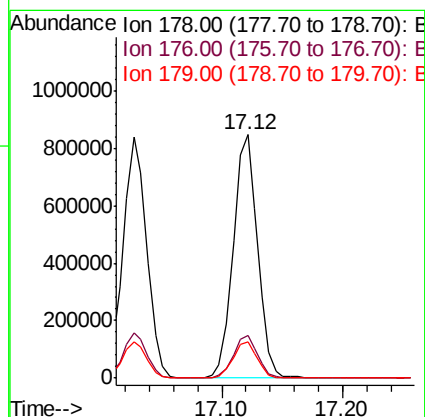
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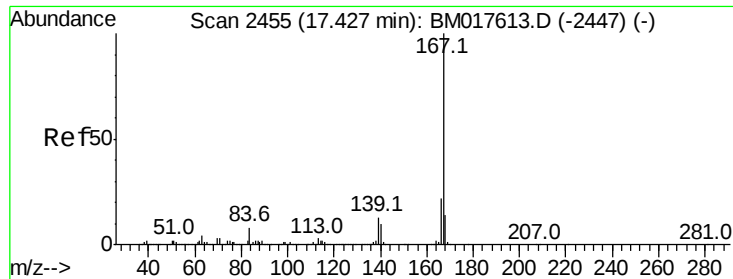
mohammad
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#72
Anthracene
Concen: 39.947 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.5	21.7
179	15.1	12.3	18.5





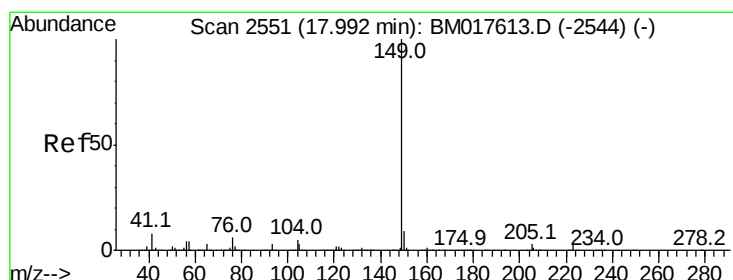
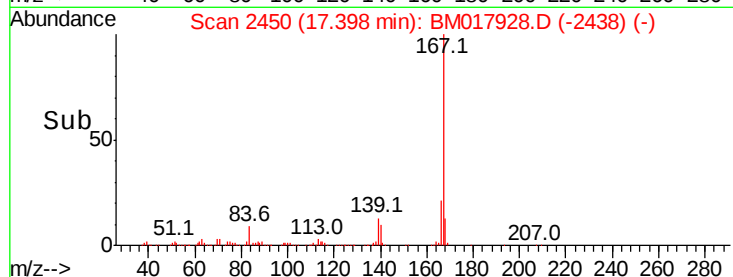
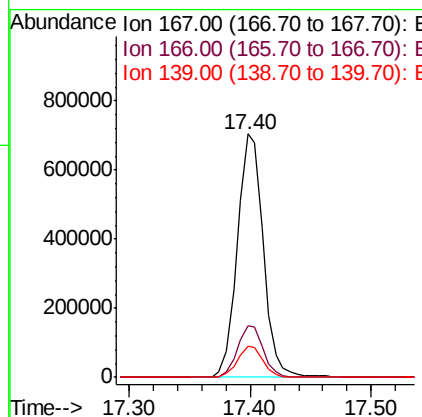
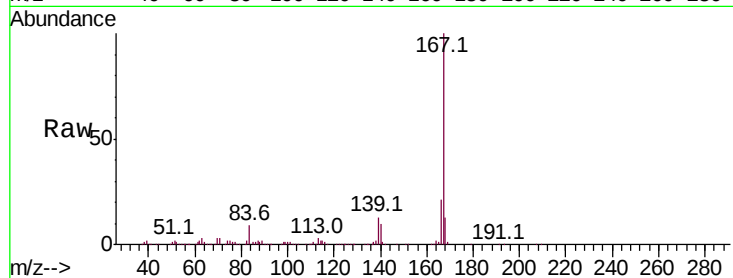
#73
 Carbazole
 Concen: 35.440 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.8	10.2	15.4

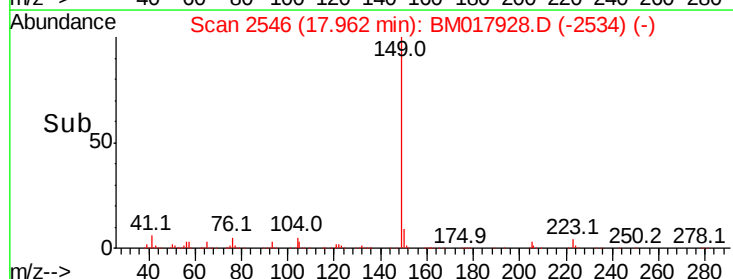
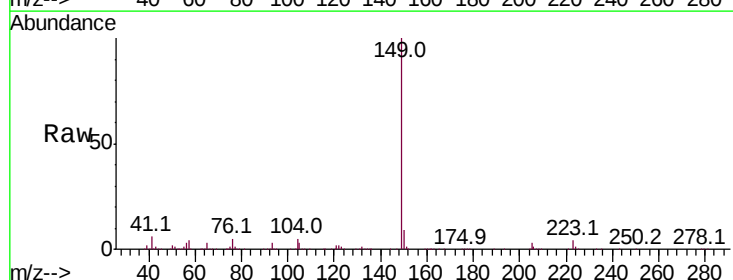
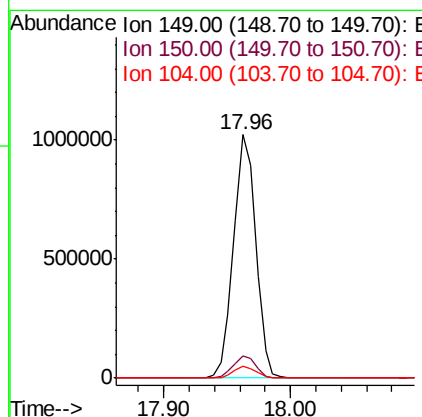
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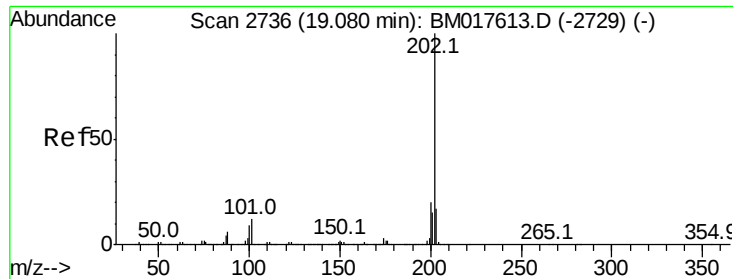
mohammad
 12/5/2018 4:50:23 PM



#74
 Di-n-butylphthalate
 Concen: 37.261 ng
 RT: 17.96 min Scan# 2546
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 38.766 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

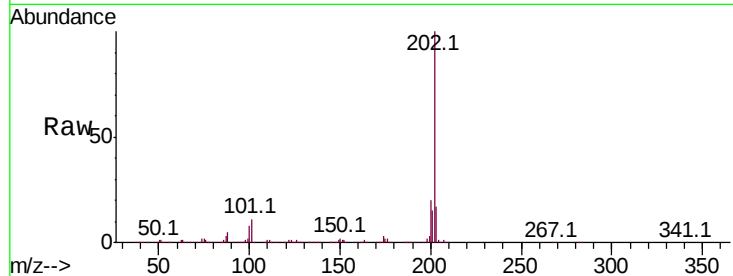
ClientSampleId :

PB115307BS

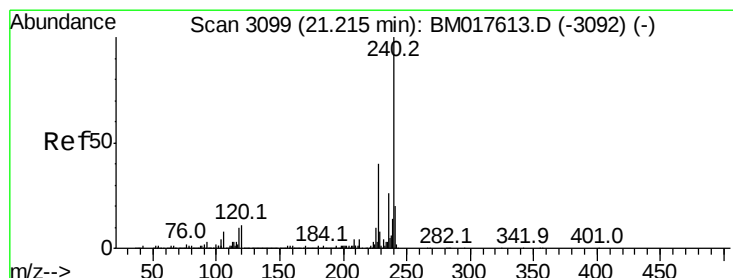
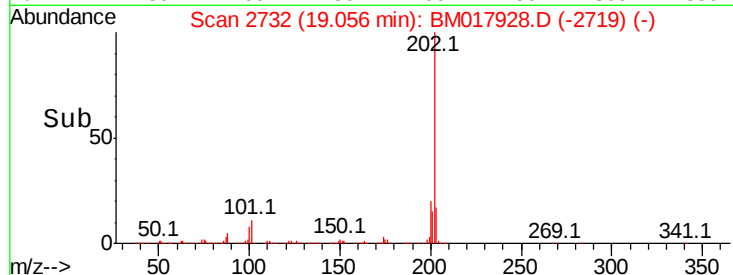
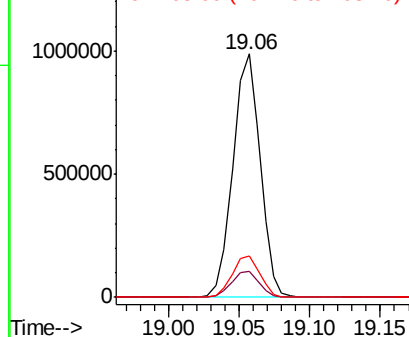
Tot Ion:	202	Resp:	1328079
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.0	0.0	37.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

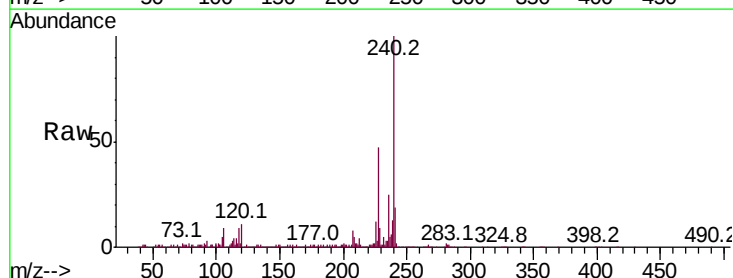
RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

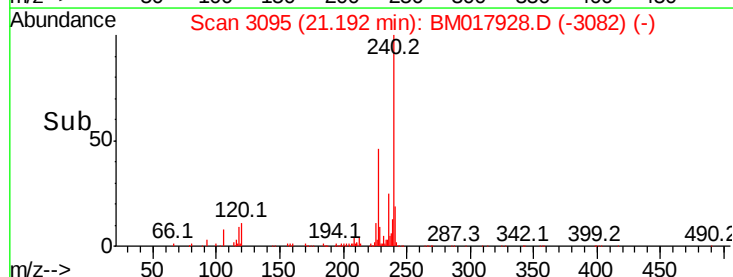
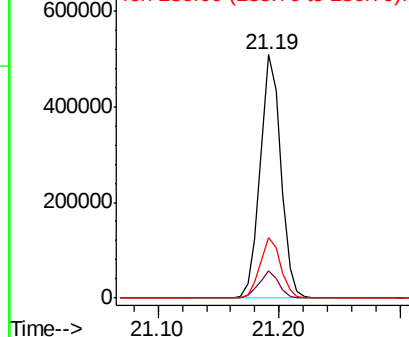
Lab File: BM017928.D

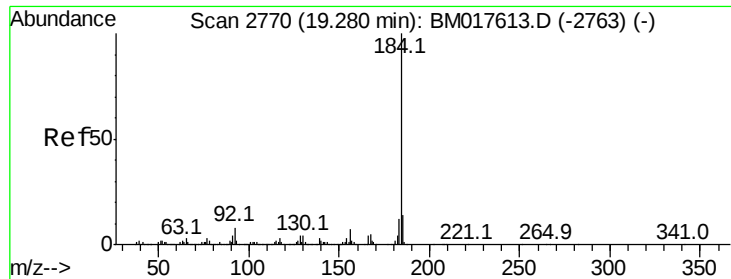
Acq: 05 Dec 2018 07:12

Tgt Ion:	240	Resp:	612978
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.5	12.7
236	24.6	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.827 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

Tot Ion:184 Resp: 1214158

Ion Ratio Lower Upper

184 100

185 13.7 11.2 16.8

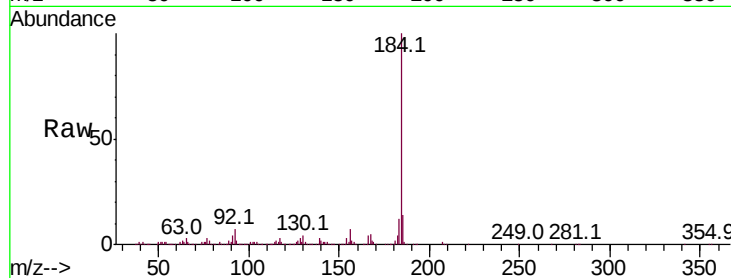
183 12.2 9.5 14.3

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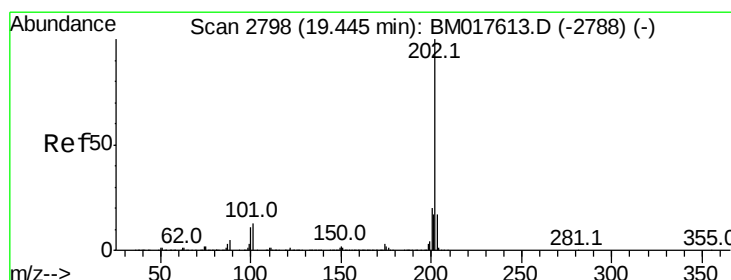
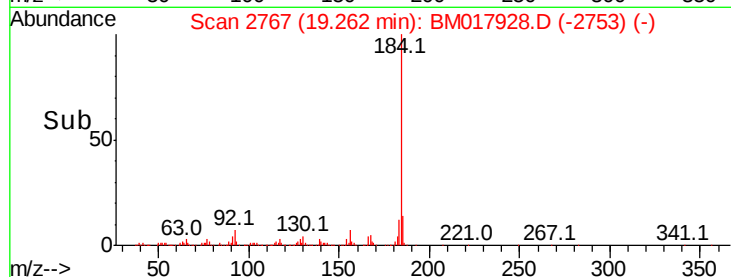
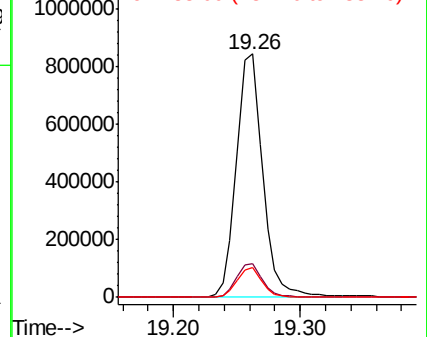
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.517 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

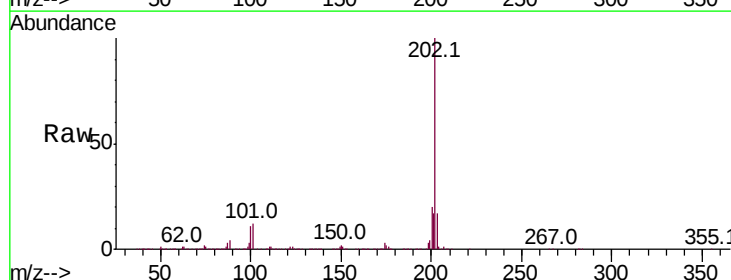
Tgt Ion:202 Resp: 1381117

Ion Ratio Lower Upper

202 100

200 20.1 16.4 24.6

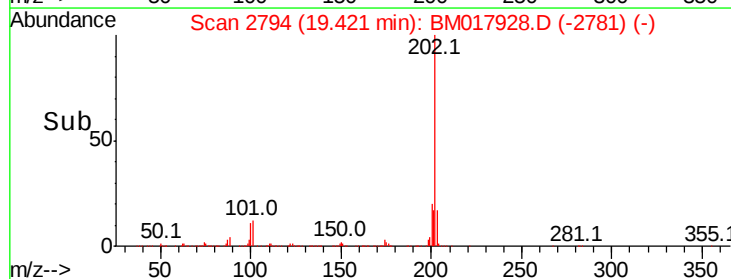
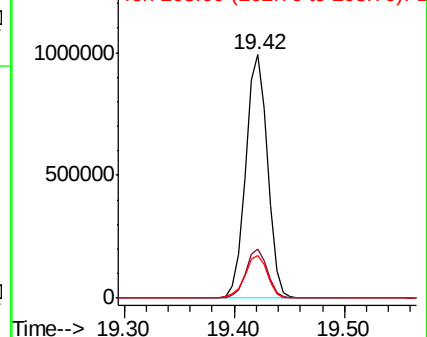
203 17.4 13.8 20.8

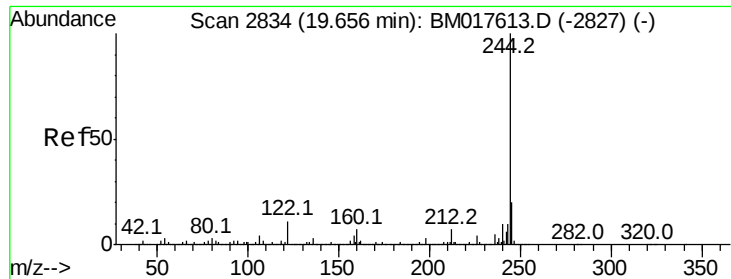


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





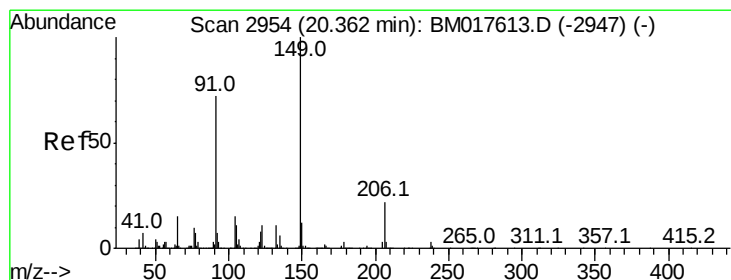
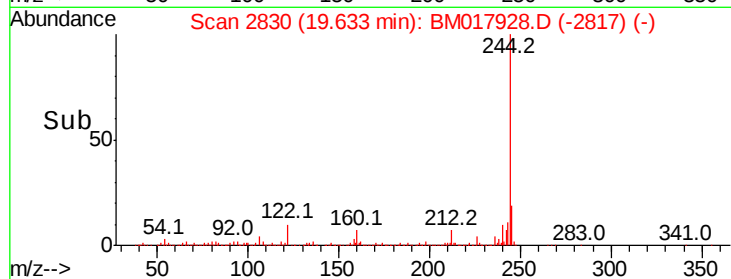
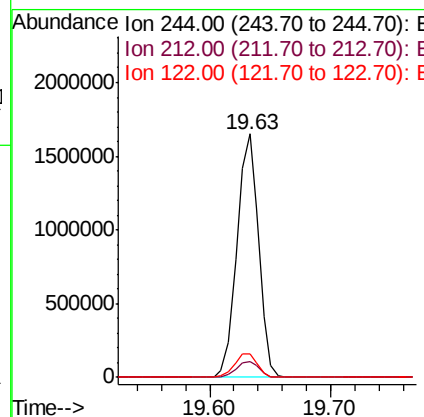
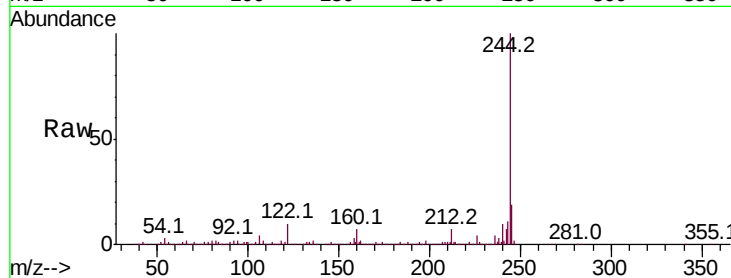
#79
 Terphenyl-d14
 Concen: 76.029 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion:244 Resp: 2056283
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 9.8 9.0 13.6

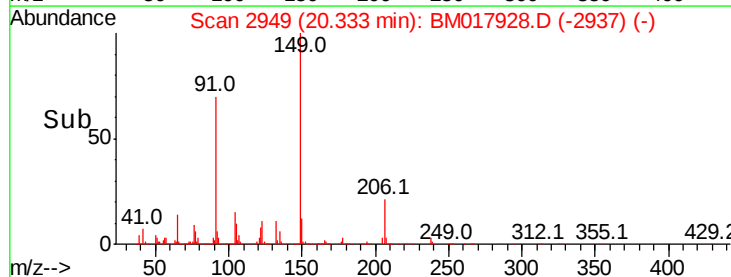
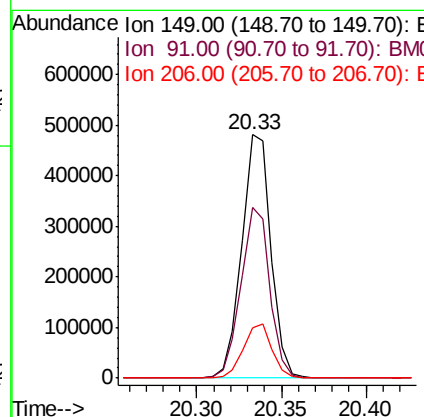
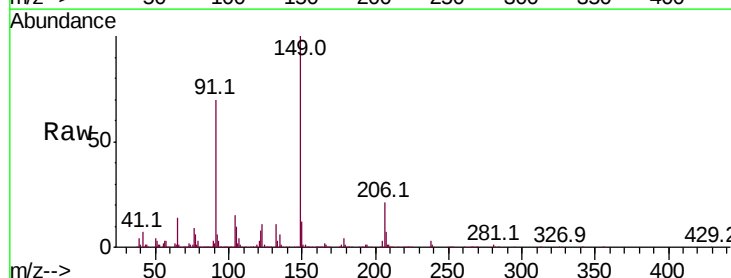
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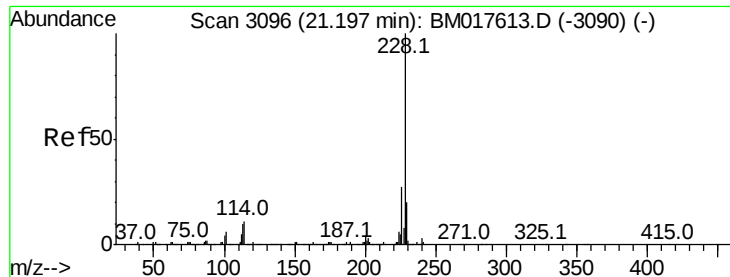
mohammad
 12/5/2018 4:50:23 PM



#80
 Butylbenzylphthalate
 Concen: 37.563 ng
 RT: 20.33 min Scan# 2949
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion:149 Resp: 577018
 Ion Ratio Lower Upper
 149 100
 91 70.0 57.6 86.4
 206 20.7 17.4 26.0





#81

Benzo(a)anthracene

Concen: 37.875 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

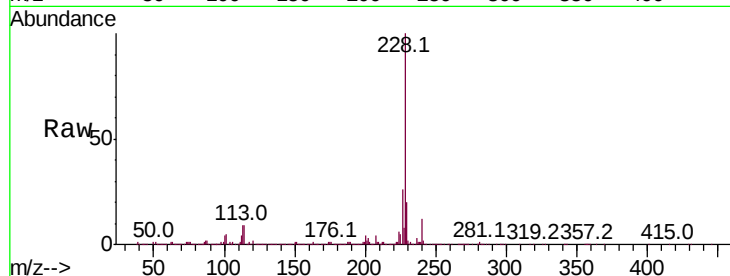
ClientSampleId :

PB115307BS

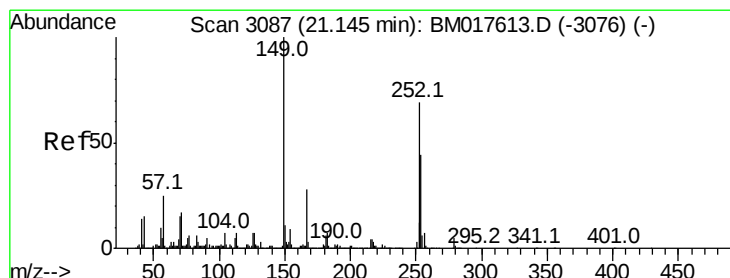
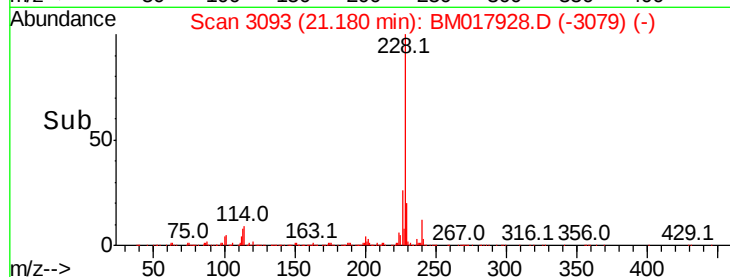
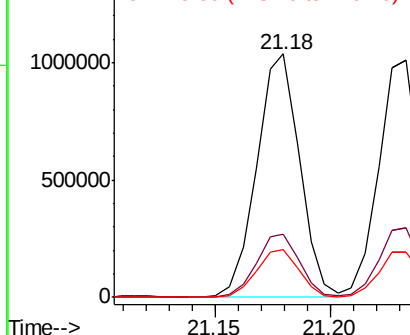
Tot Ion:	228	Resp:	1337536
Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.3	31.9
229	19.6	16.0	24.0

Manual Integrations
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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



#82

3,3'-Dichlorobenzidine

Concen: 37.896 ng

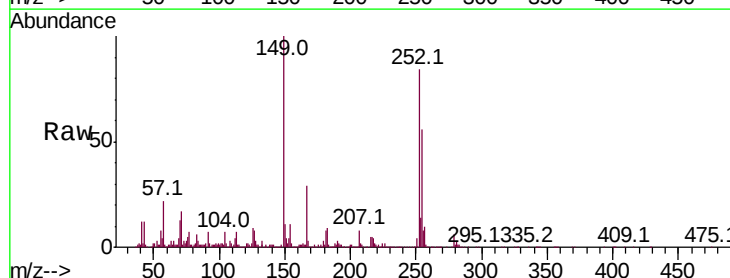
RT: 21.12 min Scan# 3083

Delta R.T. -0.02 min

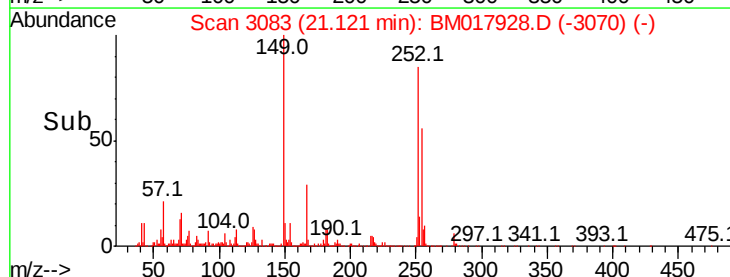
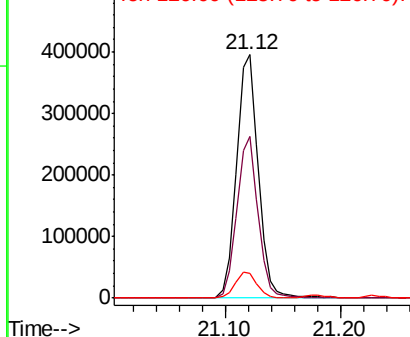
Lab File: BM017928.D

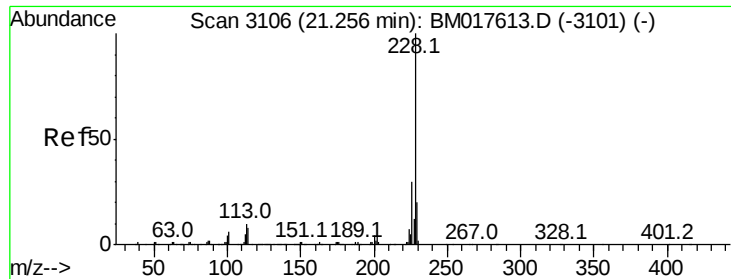
Acq: 05 Dec 2018 07:12

Tgt Ion:	252	Resp:	516507
Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.4	77.2
126	10.4	8.0	12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





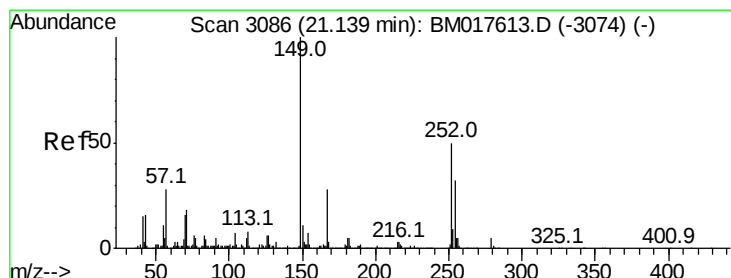
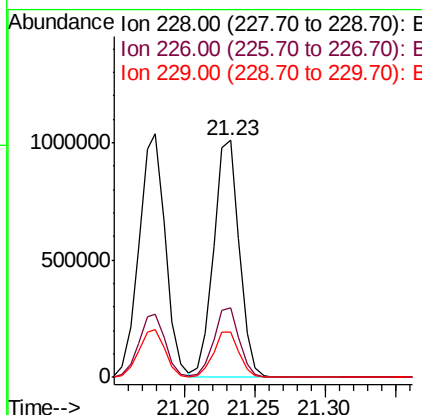
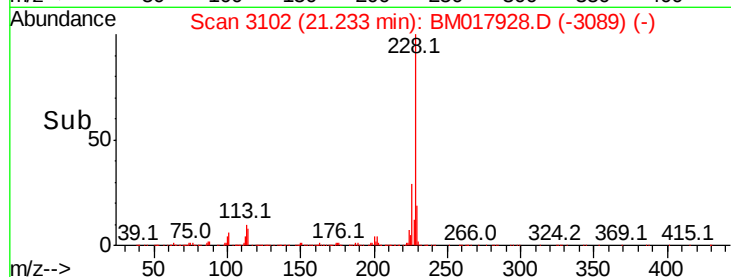
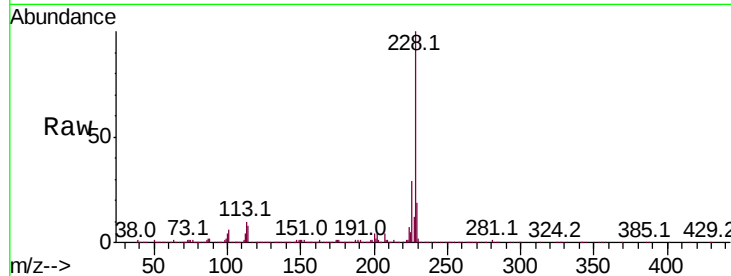
#83
 Chrysene
 Concen: 37.139 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.3	15.8	23.6

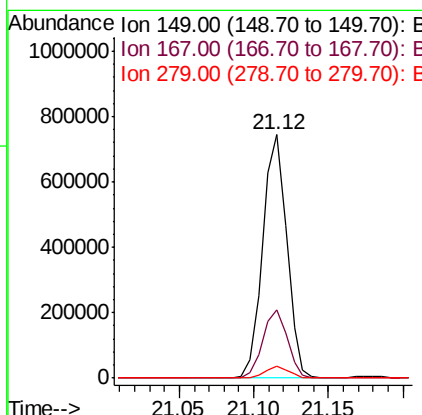
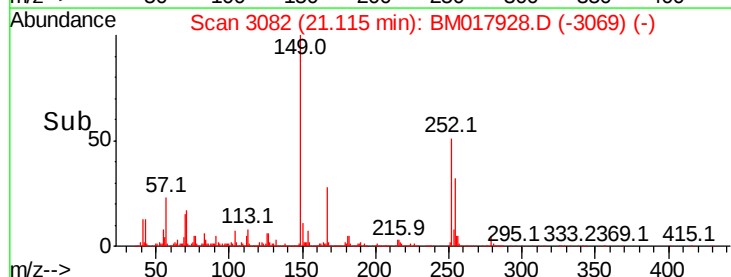
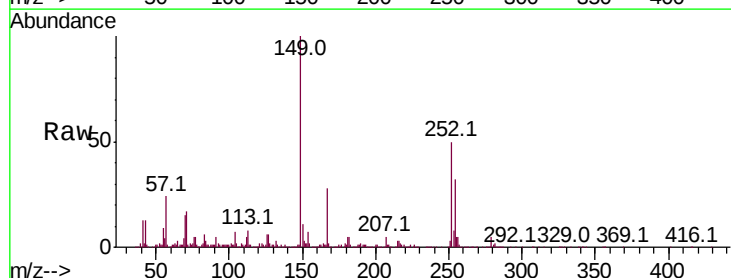
Manual Integrations
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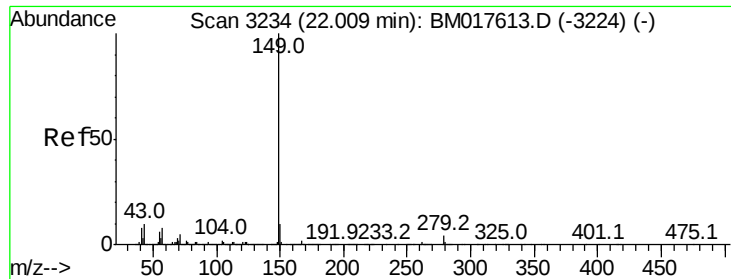
mohammad
 12/5/2018 4:50:23 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.317 ng
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.9	3.7	5.5





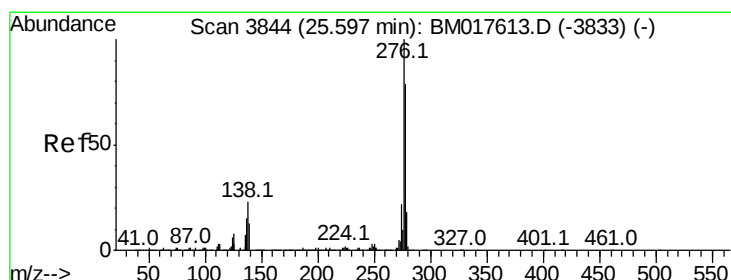
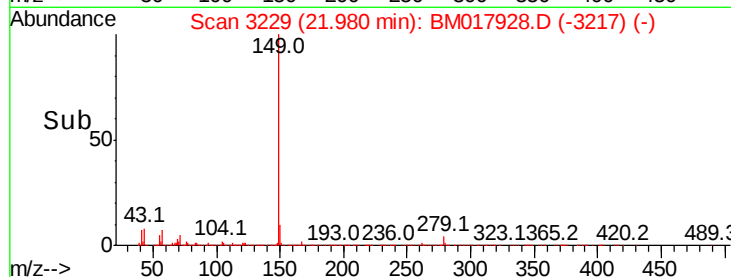
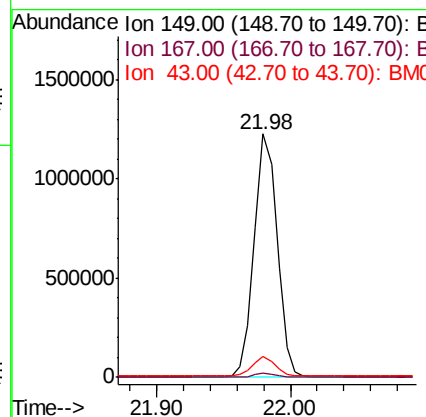
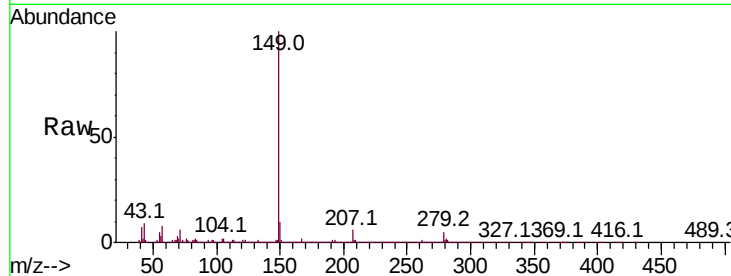
#85
Di-n-octyl phthalate
Concen: 39.873 ng
RT: 21.98 min Scan# 3229
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.1	8.3	12.5#

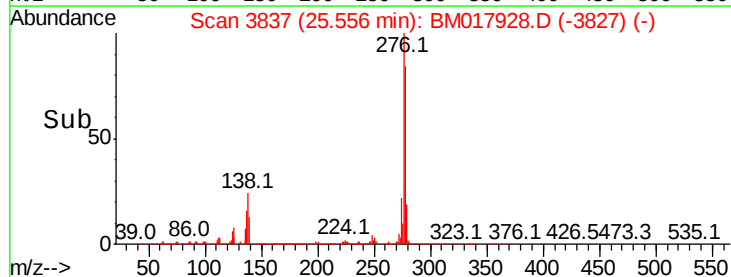
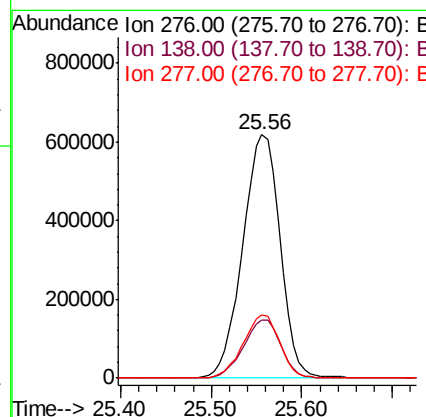
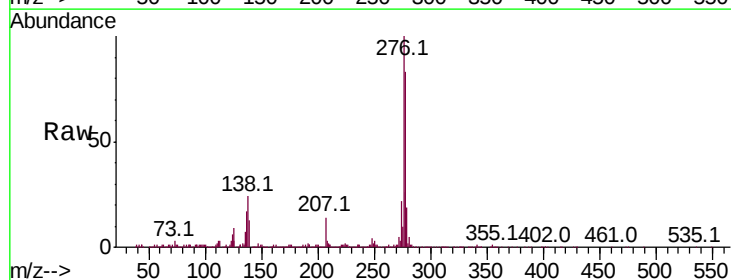
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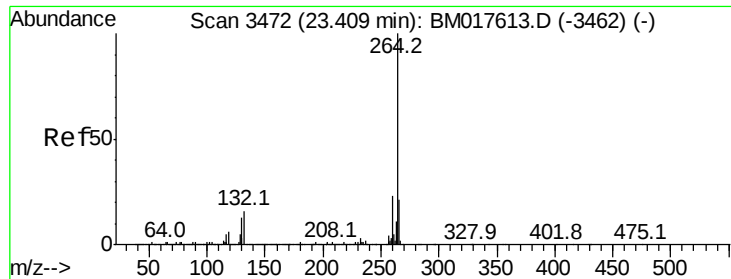
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 64.657 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.1	28.7
277	25.3	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

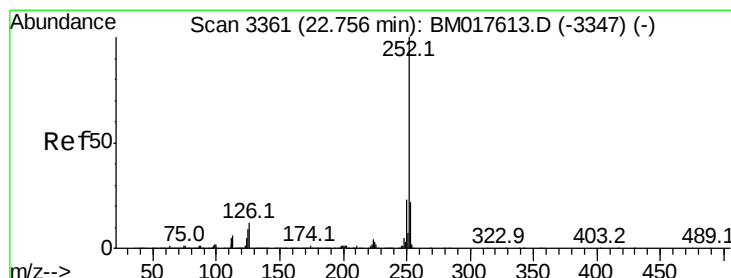
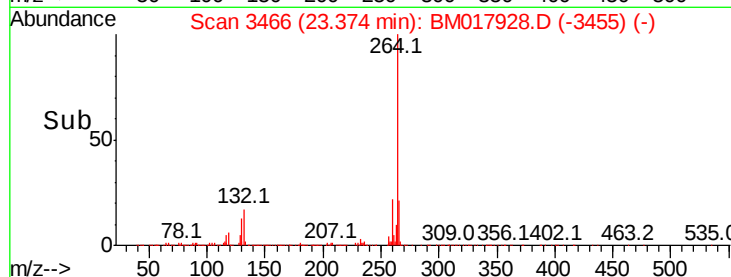
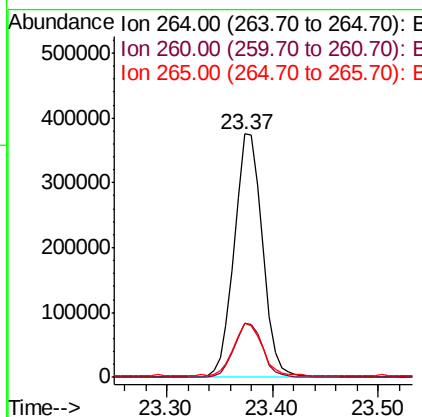
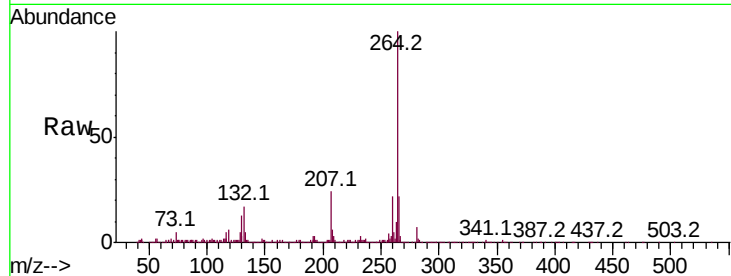
ClientSampleId :

PB115307BS

Tot Ion:	264	Resp:	693987
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.2	27.2
265	22.1	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 35.055 ng

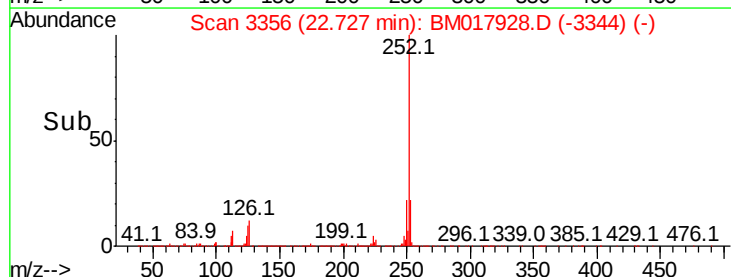
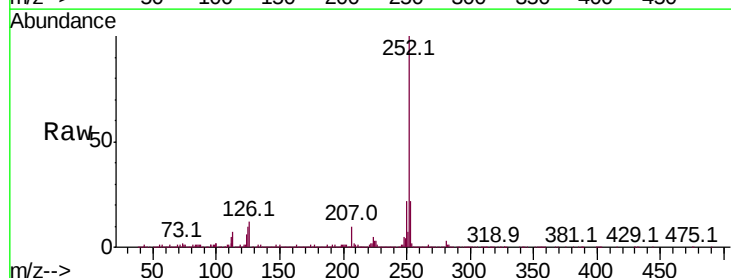
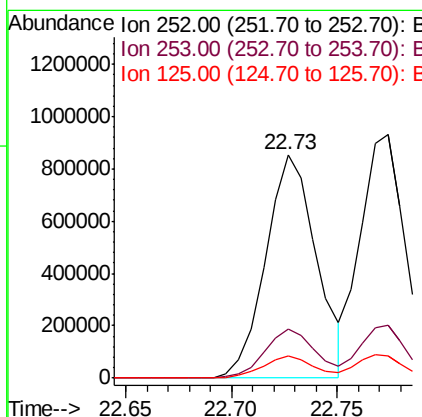
RT: 22.73 min Scan# 3356

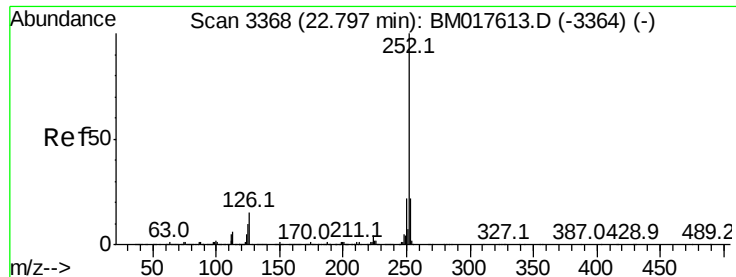
Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:	252	Resp:	1424695
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	10.0	7.6	11.4





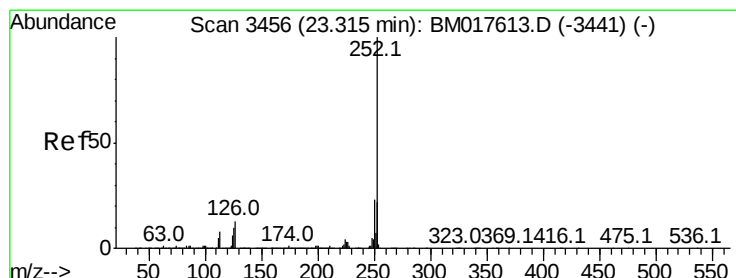
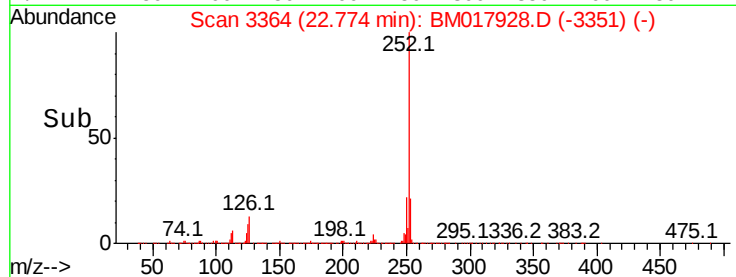
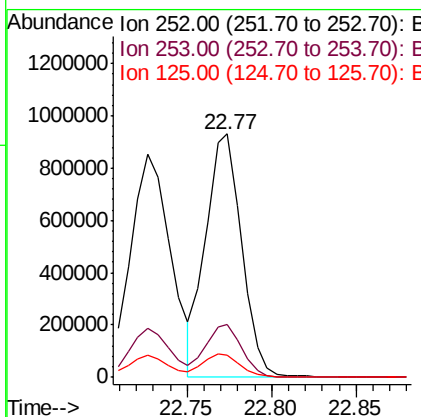
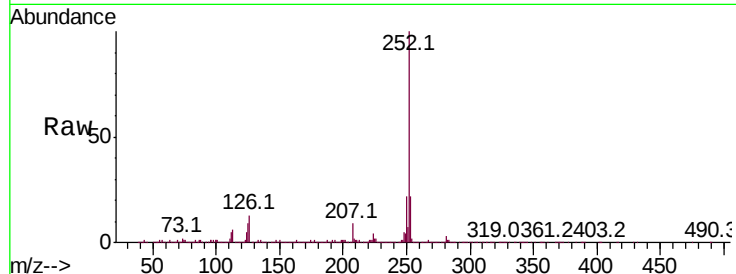
#89
Benzo(k)fluoranthene
Concen: 33.473 ng
RT: 22.77 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.3	7.9	11.9

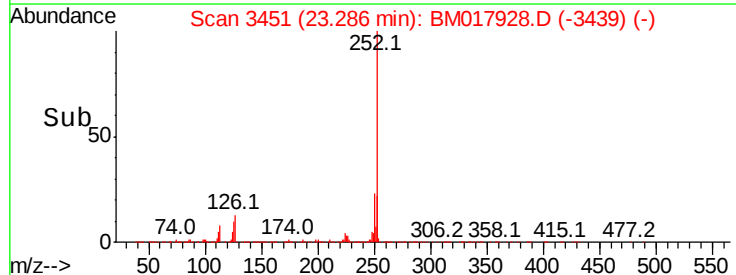
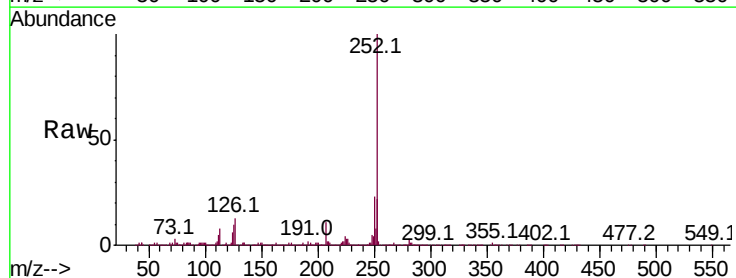
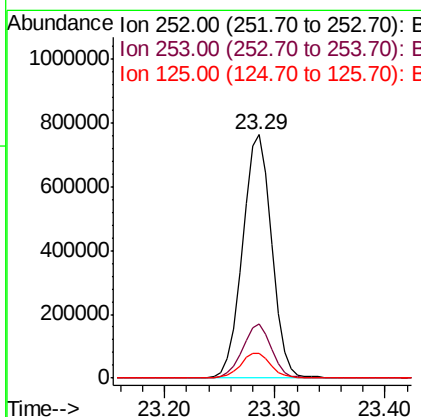
Manual Integrations
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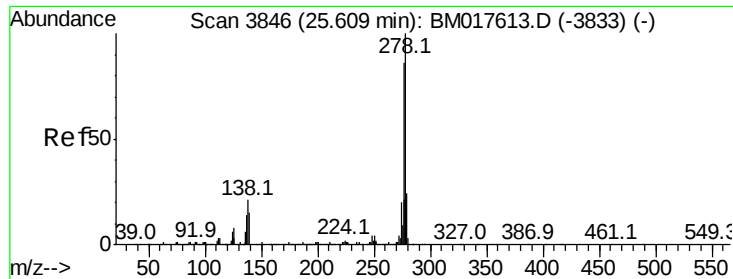
mohammad
12/5/2018 4:50:23 PM



#90
Benzo(a)pyrene
Concen: 38.143 ng
RT: 23.29 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.3	8.2	12.2





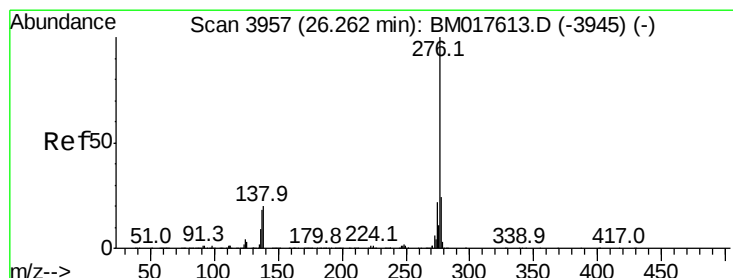
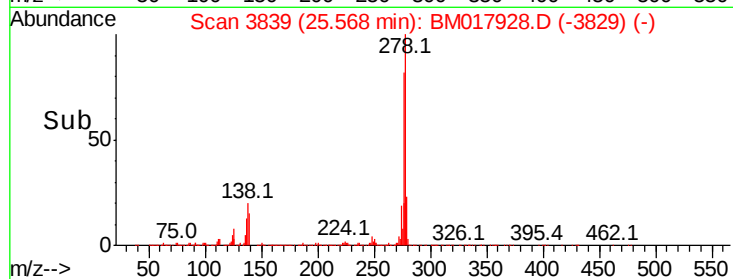
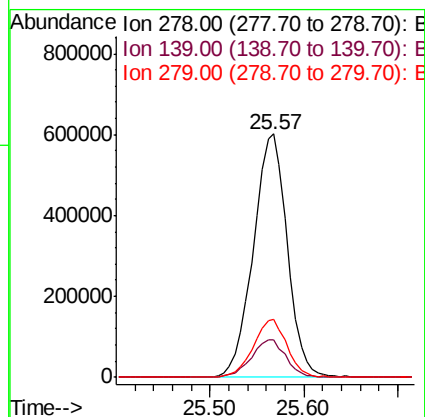
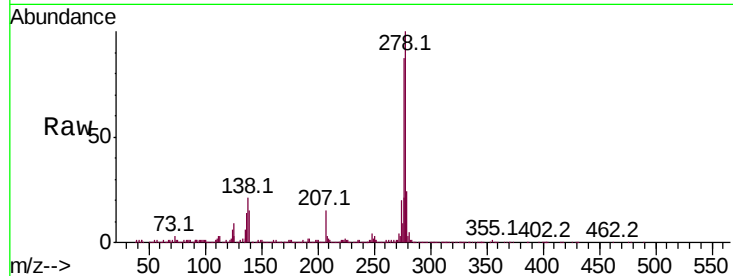
#91
Dibenzo(a,h)anthracene
Concen: 48.228 ng
RT: 25.57 min Scan# 3839
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.8	17.6
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/5/2018 4:50:23 PM



#92
Benzo(g,h,i)perylene
Concen: 51.418 ng
RT: 26.22 min Scan# 3950
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.4	15.9	23.9

