

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017929.D
 Acq On : 05 Dec 2018 07:48
 Operator : JU/SJ
 Sample : PB115307BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

Manual Integrations
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mohammad
 12/5/2018 4:50:27 PM

Quant Time: Dec 05 10:10:26 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	108254	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	425798	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	224402	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	474032	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	529195	20.00	ng	-0.02
87) Perylene-d12	23.37	264	592914	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	583627	90.99	ng	-0.03
7) Phenol-d6	6.77	99	766638	85.57	ng	-0.04
23) Nitrobenzene-d5	8.73	82	684705	83.02	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	290885	90.22	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1601433	92.58	ng	-0.04
79) Terphenyl-d14	19.63	244	2131624	91.29	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	92491	34.621	ng	# 88
3) Pyridine	3.59	79	278344	35.520	ng	# 84
4) n-Nitrosodimethylamine	3.50	42	119944	34.747	ng	82
6) Aniline	6.92	93	157875	14.211	ng	99
8) 2-Chlorophenol	7.15	128	319226	41.584	ng	92
9) Benzaldehyde	6.74	77	143172	21.938	ng	93
10) Phenol	6.80	94	377206	40.114	ng	94
11) bis(2-Chloroethyl)ether	7.02	93	276799	37.288	ng	93
12) 1,3-Dichlorobenzene	7.47	146	336143	39.028	ng	95
13) 1,4-Dichlorobenzene	7.62	146	340899	38.615	ng	97
14) 1,2-Dichlorobenzene	7.92	146	336233	39.279	ng	100
15) Benzyl Alcohol	7.83	79	249455	34.964	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.10	45	318792	28.206	ng	92
17) 2-Methylphenol	8.03	107	251495	39.701	ng	96
18) Hexachloroethane	8.63	117	111330	35.781	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	219652	34.146	ng	90
20) 3+4-Methylphenols	8.36	107	335755	38.148	ng	95
22) Acetophenone	8.40	105	438558	41.268	ng	# 93
24) Nitrobenzene	8.77	77	325473	38.894	ng	98
25) Isophorone	9.30	82	579037	45.454	ng	98
26) 2-Nitrophenol	9.48	139	146335	37.964	ng	94
27) 2,4-Dimethylphenol	9.55	122	275547	49.602	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	361362	41.883	ng	98
29) 2,4-Dichlorophenol	10.01	162	276850	42.932	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	303659	40.487	ng	97
31) Naphthalene	10.40	128	930823	44.462	ng	100
32) Benzoic acid	9.70	122	178761	35.524	ng	97
33) 4-Chloroaniline	10.53	127	78830	8.598	ng	99
34) Hexachlorobutadiene	10.67	225	187463	40.261	ng	98
35) Caprolactam	11.32	113	87129m	36.689	ng	
36) 4-Chloro-3-methylphenol	11.66	107	294207	39.516	ng	98
37) 2-Methylnaphthalene	12.02	142	668076	45.152	ng	98
38) 1-Methylnaphthalene	12.24	142	639646	44.090	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	330989	41.828	ng	100

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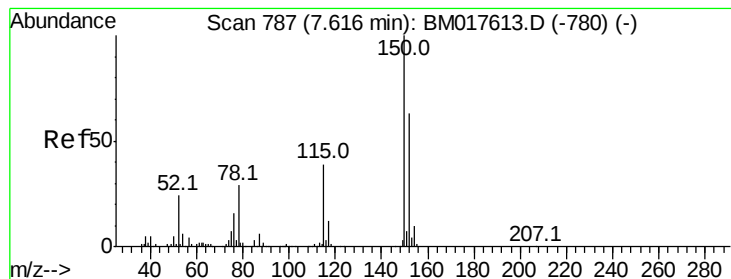
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	231917	56.718	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	217901	43.963	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	226057	43.195	nq	97
46) 1,1'-Biphenyl	13.05	154	811020	40.264	nq	99
47) 2-Chloronaphthalene	13.09	162	633218	42.354	nq	98
48) 2-Nitroaniline	13.32	65	185334	40.084	nq	94
49) Acenaphthylene	13.94	152	1026116	45.681	nq	100
50) Dimethylphthalate	13.70	163	751519	41.191	nq	99
51) 2,6-Dinitrotoluene	13.82	165	153170	37.702	nq	95
52) Acenaphthene	14.29	154	591943	42.940	nq	99
53) 3-Nitroaniline	14.16	138	86645	19.589	nq	# 93
54) 2,4-Dinitrophenol	14.37	184	98547	43.317	nq	95
55) Dibenzofuran	14.63	168	941197	41.778	nq	98
56) 4-Nitrophenol	14.48	139	267220	72.376	nq	96
57) 2,4-Dinitrotoluene	14.62	165	210375	38.415	nq	99
58) Fluorene	15.29	166	761288	44.141	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	210934	43.821	nq	99
60) Diethylphthalate	15.07	149	755860	38.343	nq	100
61) 4-Chlorophenyl-phenylether	15.29	204	382582	39.044	nq	98
62) 4-Nitroaniline	15.33	138	167640	40.215	nq	93
63) Azobenzene	15.58	77	696770	38.235	nq	94
65) 4,6-Dinitro-2-methylphenol	15.39	198	69885	21.281	nq	92
66) n-Nitrosodiphenylamine	15.50	169	660985	43.370	nq	99
67) 4-Bromophenyl-phenylether	16.18	248	236661	42.213	nq	96
68) Hexachlorobenzene	16.29	284	261520	41.379	nq	95
69) Atrazine	16.47	200	225738	40.270	nq	98
70) Pentachlorophenol	16.64	266	320740	72.428	nq	99
71) Phenanthrene	17.03	178	1182718	45.981	nq	99
72) Anthracene	17.12	178	1208307	48.275	nq	99
73) Carbazole	17.40	167	1088174	43.024	nq	99
74) Di-n-butylphthalate	17.96	149	1278013	45.392	nq	99
75) Fluoranthene	19.06	202	1372389	47.155	nq	99
77) Benzidine	19.26	184	1235151	71.675	nq	100
78) Pyrene	19.42	202	1415670	43.356	nq	100
80) Butylbenzylphthalate	20.33	149	595859	44.930	nq	99
81) Benzo(a)anthracene	21.18	228	1397660	45.843	nq	99
82) 3,3'-Dichlorobenzidine	21.12	252	529178	44.973	nq	100
83) Chrysene	21.23	228	1308881	44.201	nq	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	861186	43.926	nq	99
85) Di-n-octyl phthalate	21.98	149	1499895	47.778	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.56	276	1805328	76.294	nq	100
88) Benzo(b)fluoranthene	22.73	252	1486879	42.821	nq	99
89) Benzo(k)fluoranthene	22.77	252	1395526	39.763	nq	100
90) Benzo(a)pyrene	23.29	252	1451365	45.842	nq	99
91) Dibenzo(a,h)anthracene	25.56	278	1527507	57.389	nq	99
92) Benzo(g,h,i)perylene	26.22	276	1523409	60.864	nq	99

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



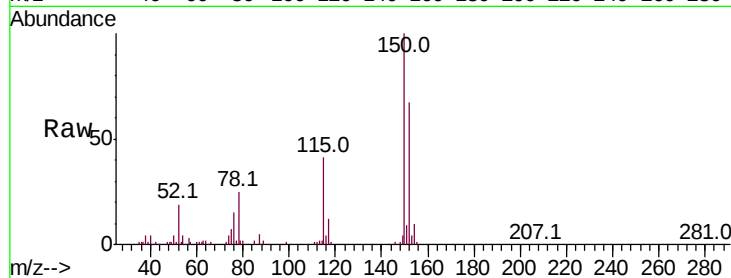
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.58 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.4	189.6
115	61.1	49.4	74.0

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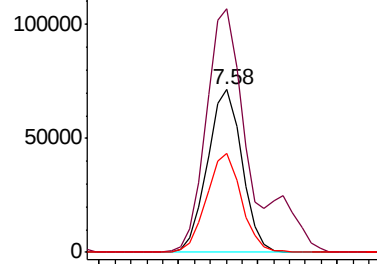


Abundance

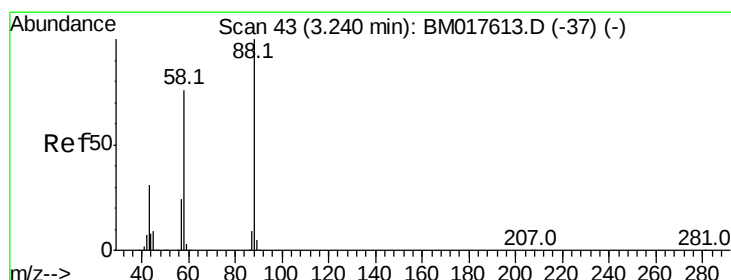
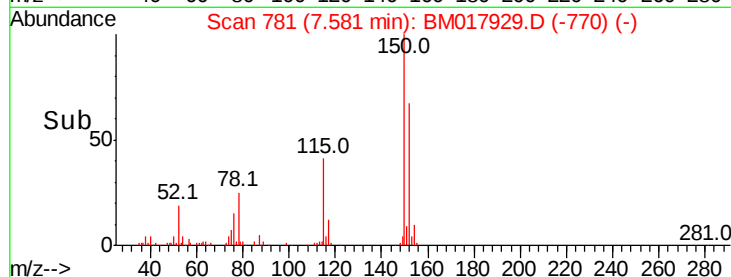
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

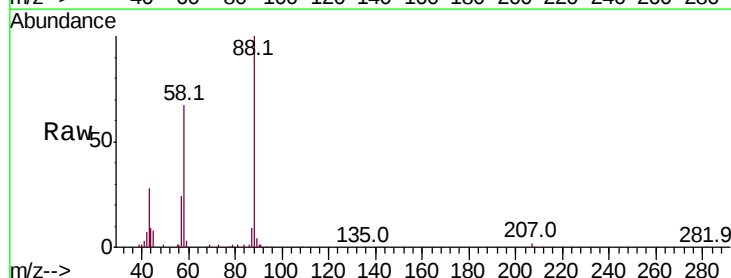


Time-->



#2
 1,4-Dioxane
 Concen: 34.621 ng
 RT: 3.21 min Scan# 38
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	62.0	93.0
43	26.5	26.8	40.2

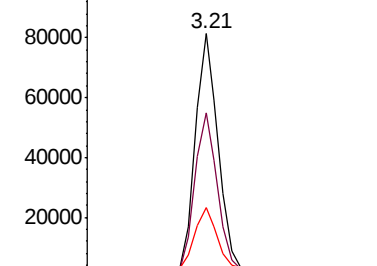


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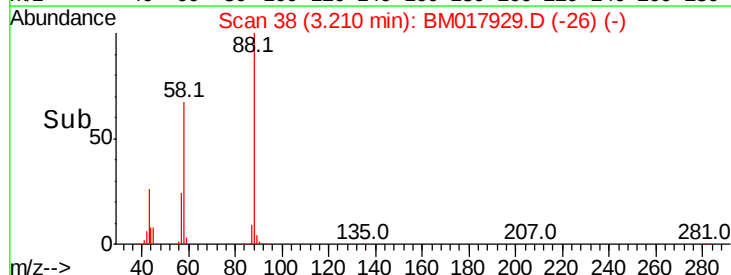
Ion 88.00 (87.70 to 88.70): BM0

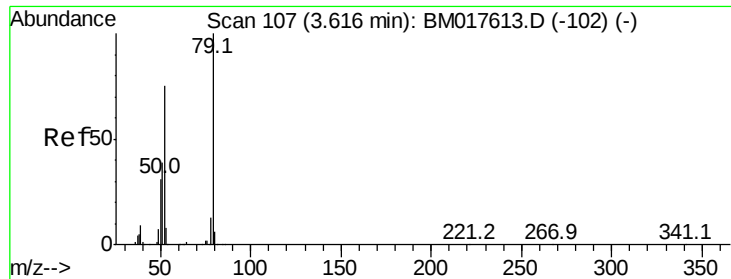
Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



Time-->





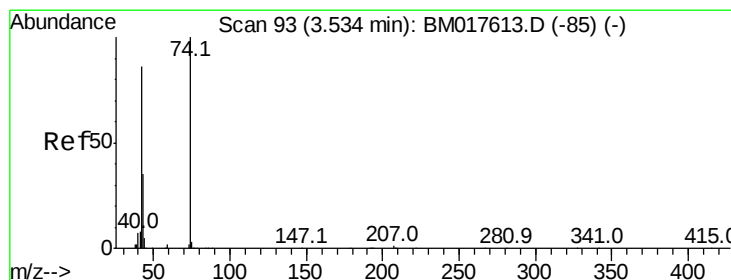
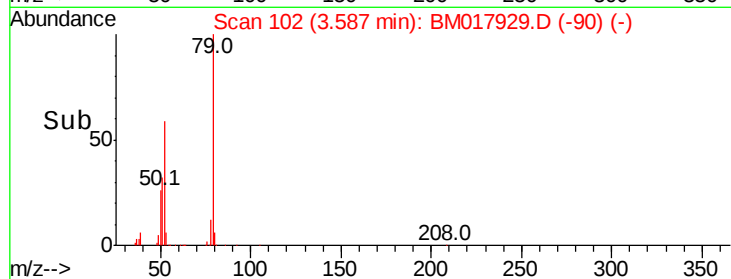
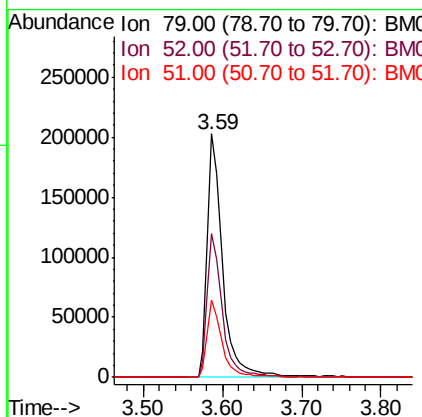
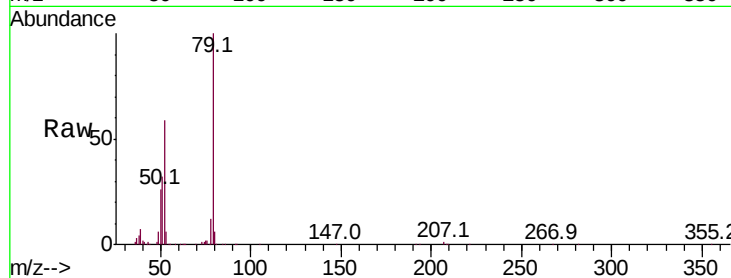
#3
Pvridine
Concen: 35.520 ng
RT: 3.59 min Scan# 102
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampled :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.1	60.1	90.1#
51	32.0	31.1	46.7

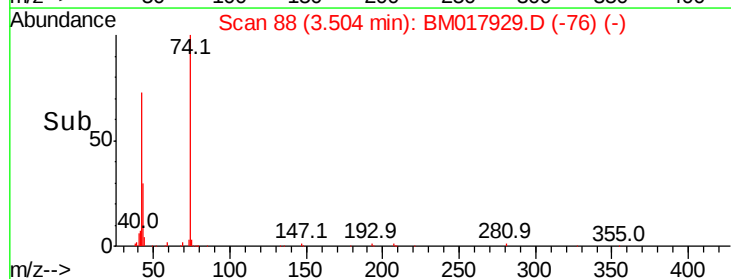
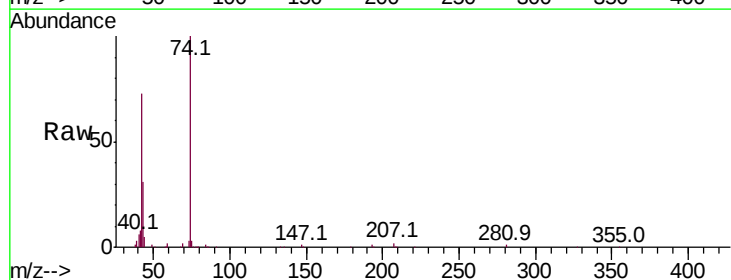
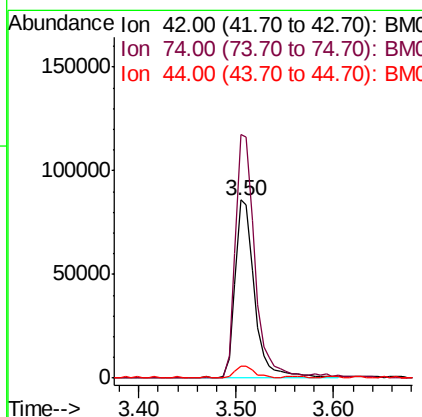
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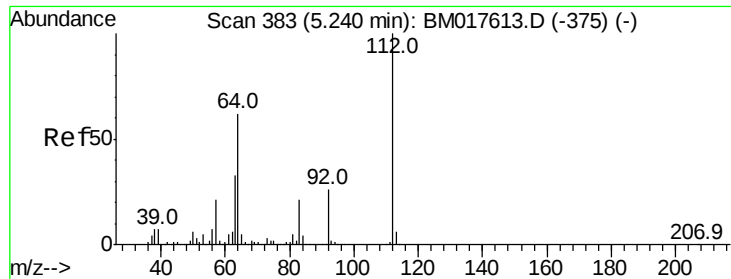
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#4
n-Nitrosodimethylamine
Concen: 34.747 ng
RT: 3.50 min Scan# 88
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.0	93.1	139.7
44	6.5	5.0	7.6





#5

2-Fluorophenol

Concen: 90.986 ng

RT: 5.21 min Scan# 378

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

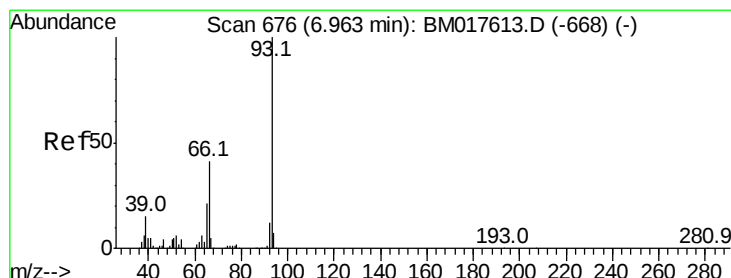
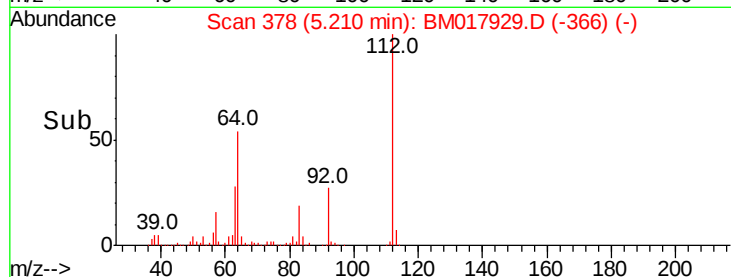
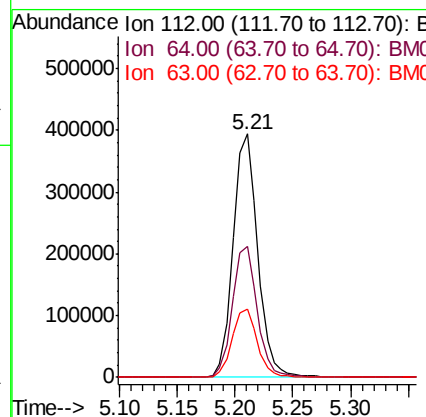
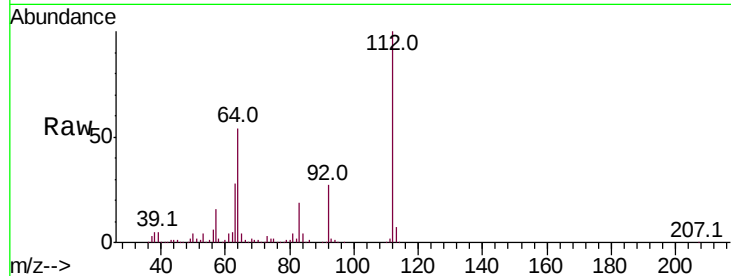
ClientSampleId :

PB115307BSD

Tot Ion:	112	Resp:	583627
Ion Ratio	Lower	Upper	
112	100		
64	54.0	49.3	73.9
63	27.8	26.2	39.4

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#6

Aniline

Concen: 14.211 ng

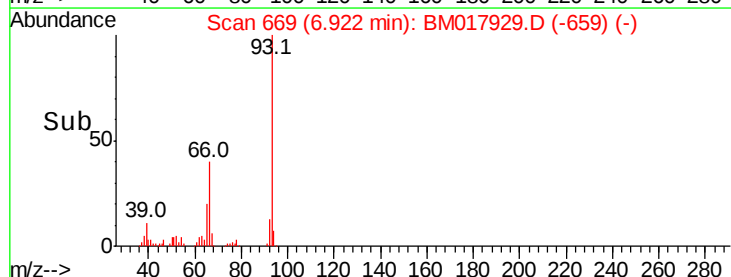
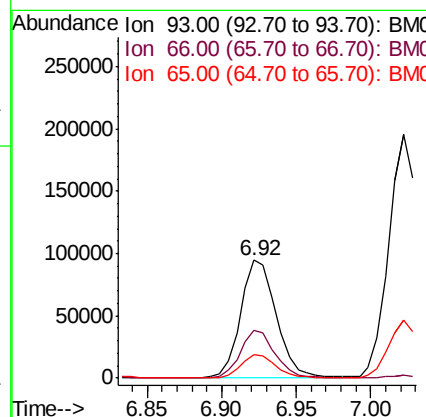
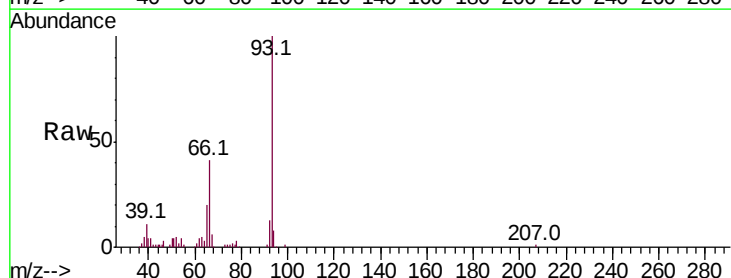
RT: 6.92 min Scan# 669

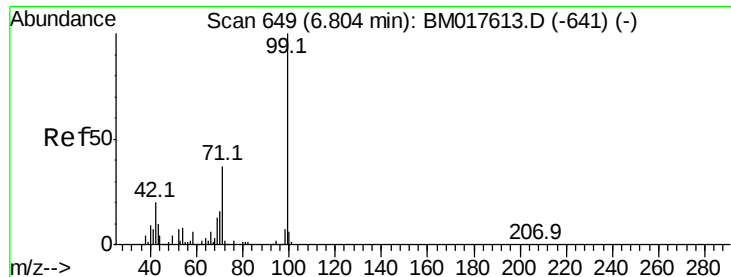
Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:	93	Resp:	157875
Ion Ratio	Lower	Upper	
93	100		
66	40.8	32.8	49.2
65	19.6	16.6	25.0





#7

Phenol-d6

Concen: 85.574 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

PB115307BSD

Tot Ion: 99 Resp: 766638

Ion Ratio Lower Upper

99 100

42 16.3 16.3 24.5#

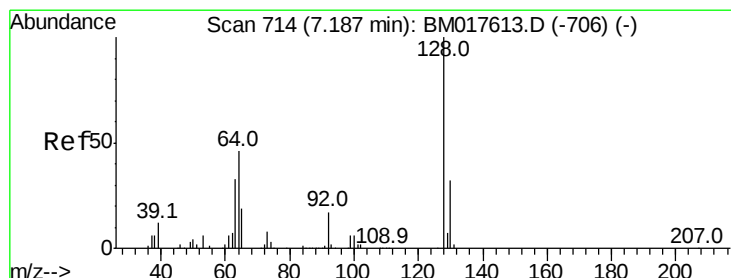
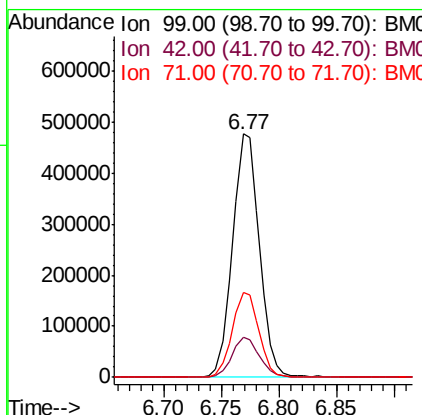
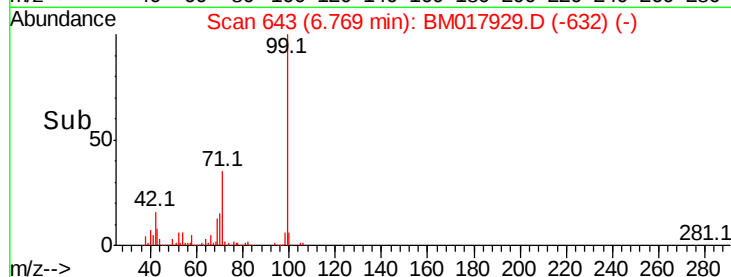
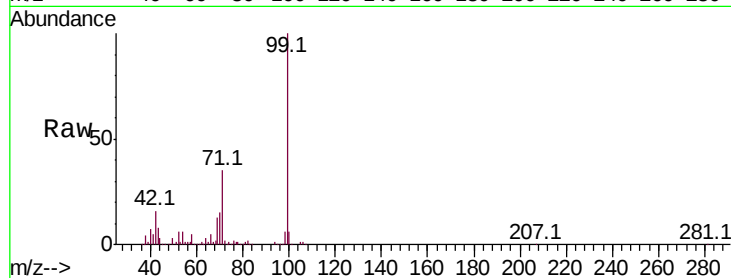
71 35.0 29.8 44.8

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#8

2-Chlorophenol

Concen: 41.584 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

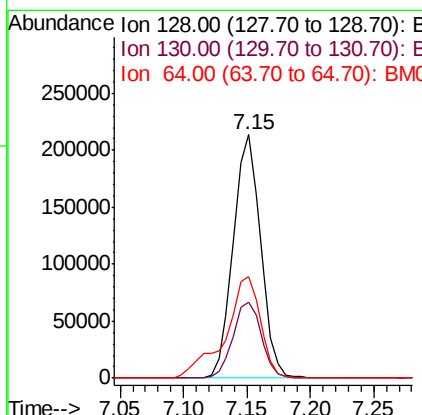
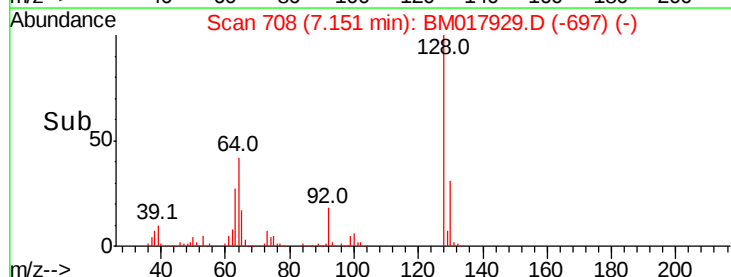
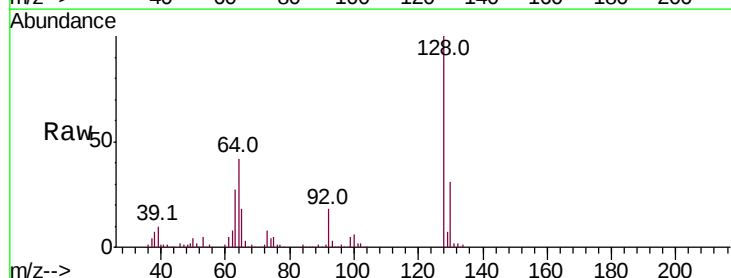
Tgt Ion: 128 Resp: 319226

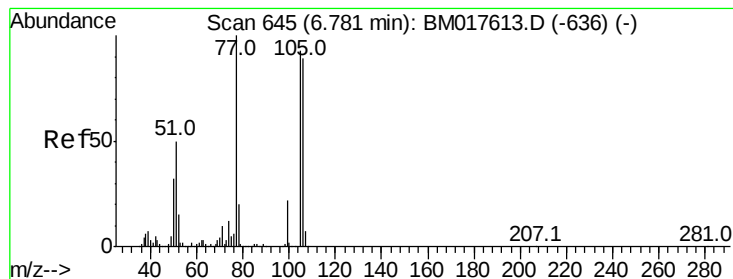
Ion Ratio Lower Upper

128 100

130 31.2 12.4 52.4

64 41.9 30.0 70.0





#9

Benzaldehyde

Concen: 21.938 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

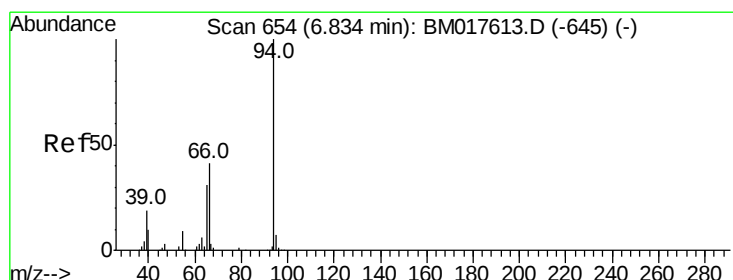
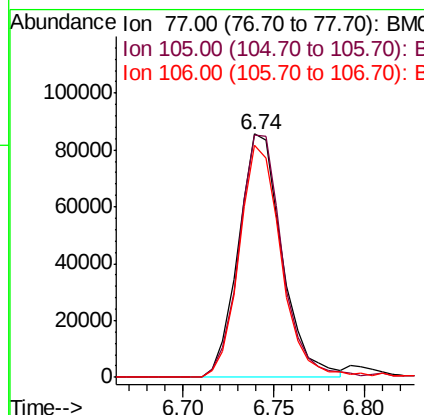
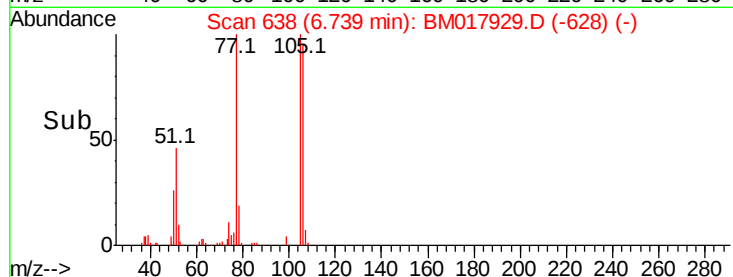
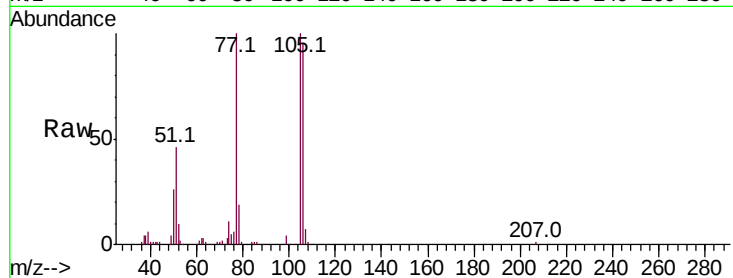
ClientSampleId :

PB115307BSD

Tot Ion:	77	Resp:	143172
Ion	Ratio	Lower	Upper
77	100		
105	99.5	72.7	112.7
106	95.4	68.9	108.9

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#10

Phenol

Concen: 40.114 ng

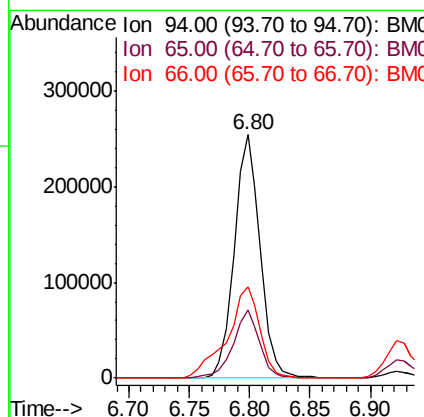
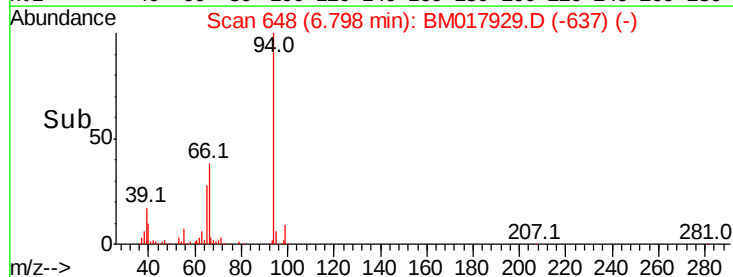
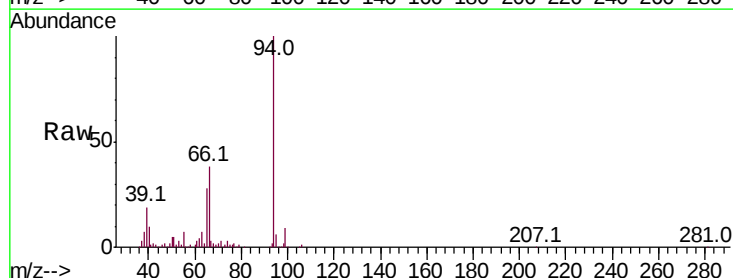
RT: 6.80 min Scan# 648

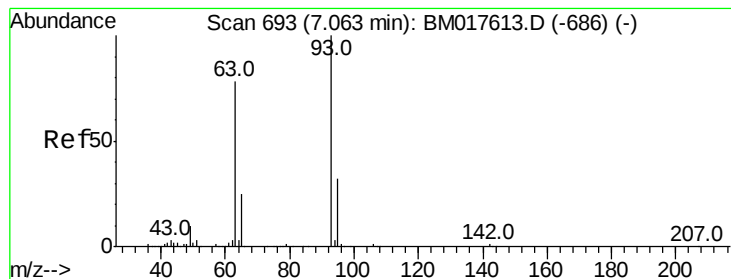
Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:	94	Resp:	377206
Ion	Ratio	Lower	Upper
94	100		
65	28.0	11.4	51.4
66	37.7	21.4	61.4





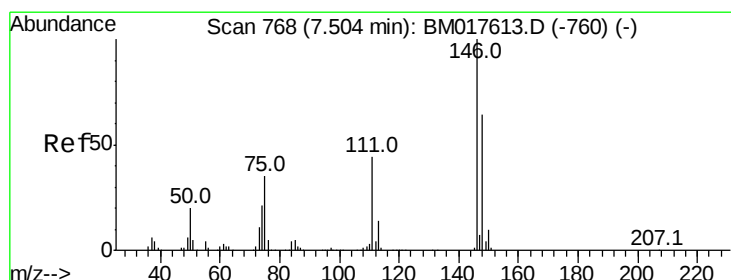
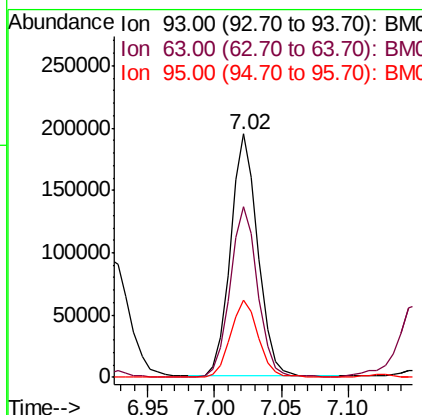
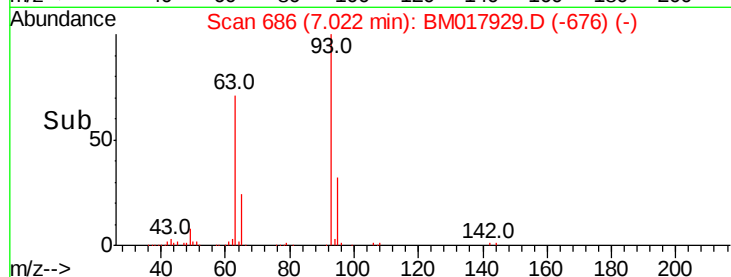
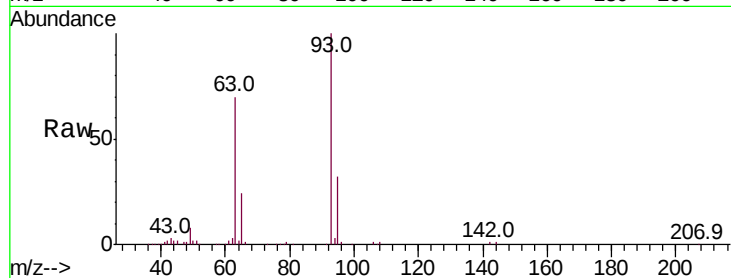
#11
bis(2-Chloroethyl)ether
Concen: 37.288 ng
RT: 7.02 min Scan# 686
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleID :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	57.9	97.9
95	31.7	12.3	52.3

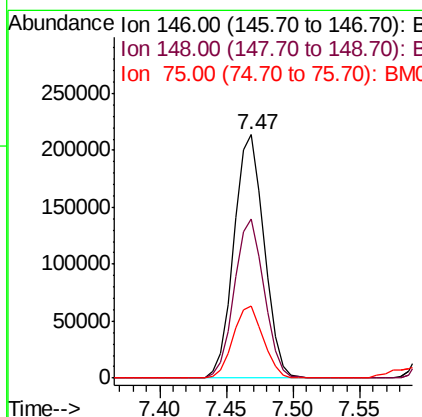
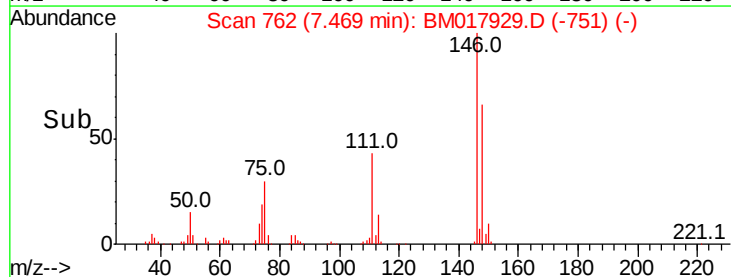
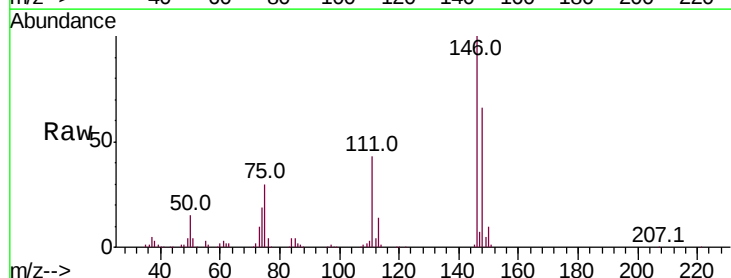
Manual Integrations
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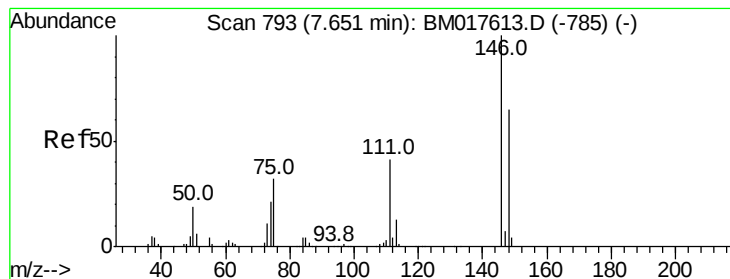
mohammad
12/5/2018 4:50:27 PM



#12
1,3-Dichlorobenzene
Concen: 39.028 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
75	29.7	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 38.615 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

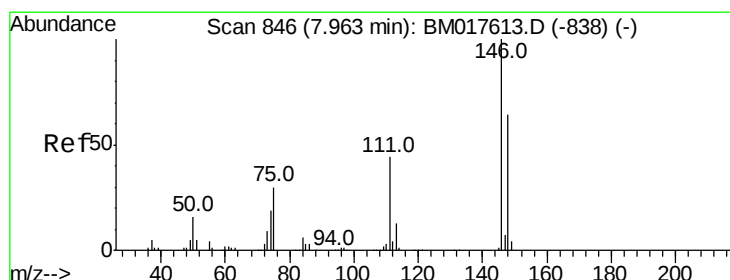
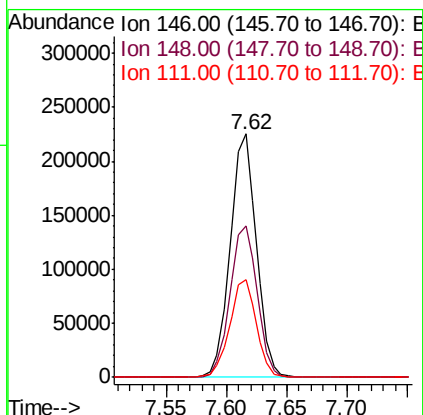
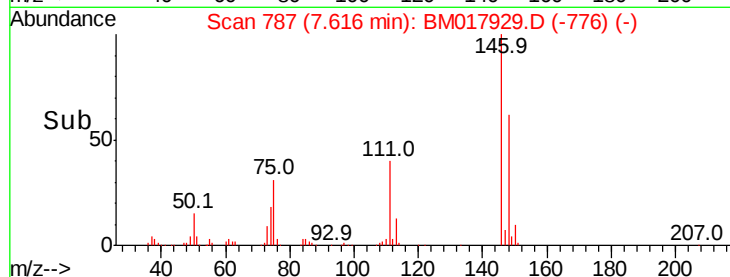
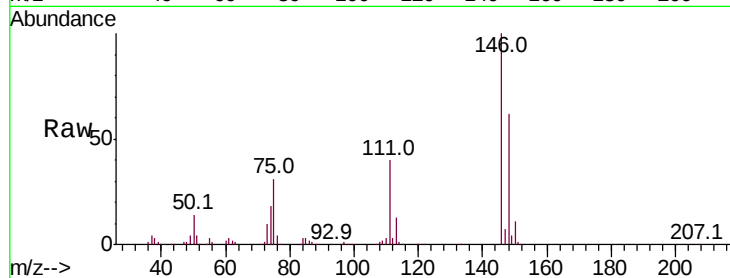
ClientSampleId :

PB115307BSD

Tot Ion:	146	Resp:	340899
Ion Ratio	Lower	Upper	
146	100		
148	62.0	52.0	78.0
111	40.2	33.2	49.8

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#14

1,2-Dichlorobenzene

Concen: 39.279 ng

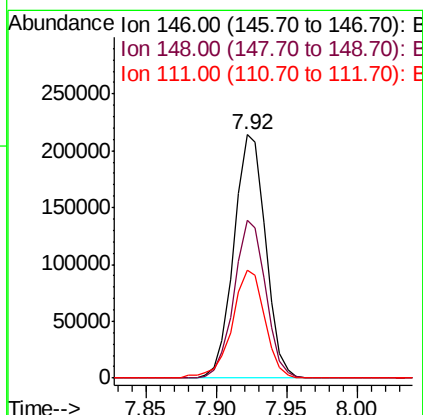
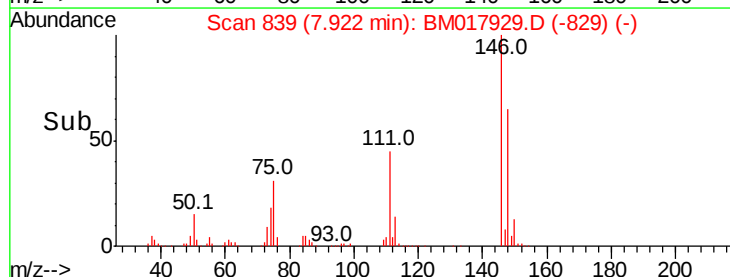
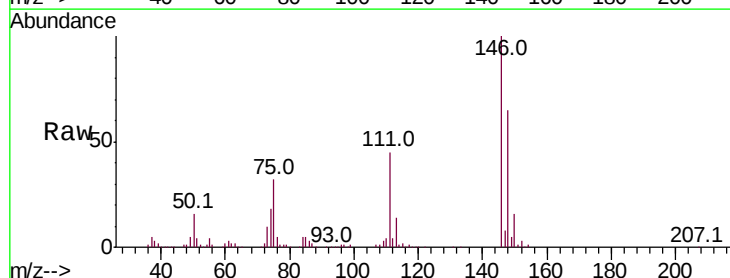
RT: 7.92 min Scan# 839

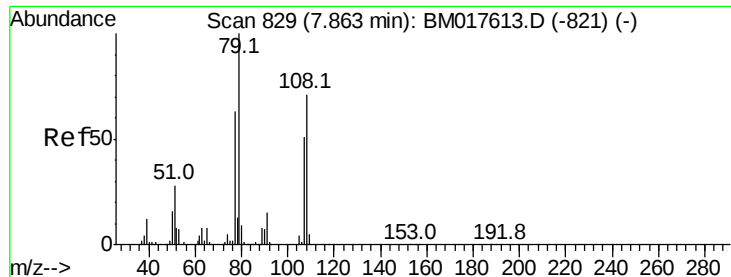
Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:	146	Resp:	336233
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.6	77.4
111	44.6	35.8	53.8





#15

Benzyl Alcohol

Concen: 34.964 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

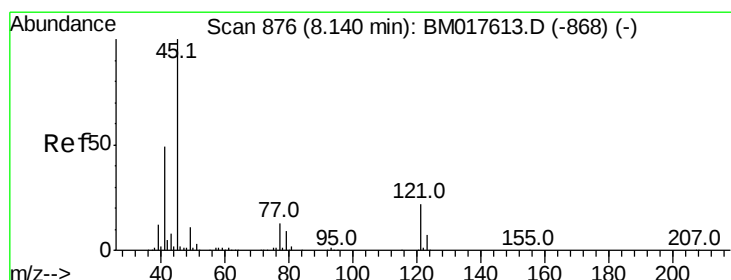
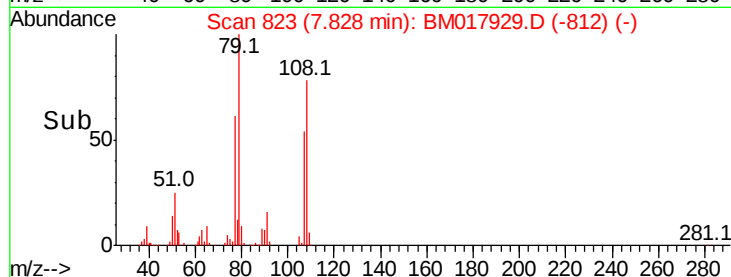
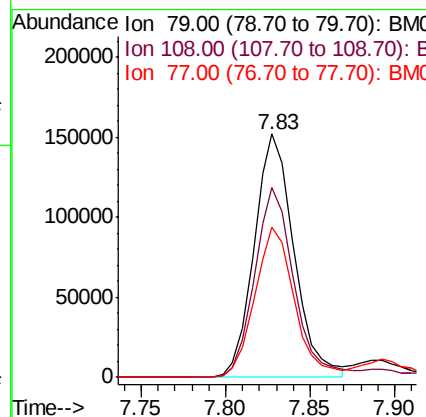
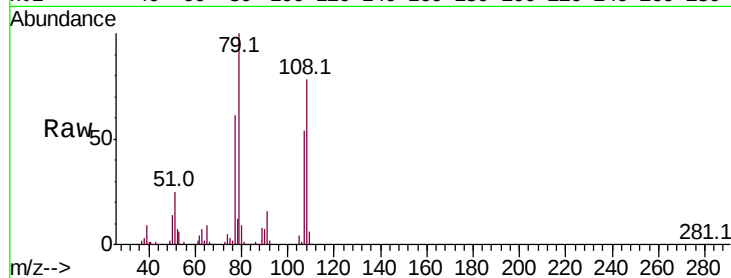
ClientSampleId :

PB115307BSD

Tot Ion:	79	Resp:	249455
Ion Ratio	Lower	Upper	
79	100		
108	78.0	57.1	85.7
77	61.5	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.206 ng

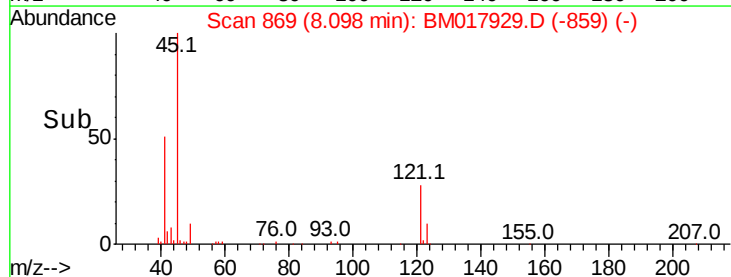
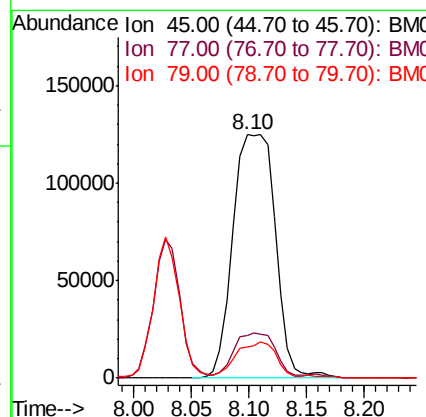
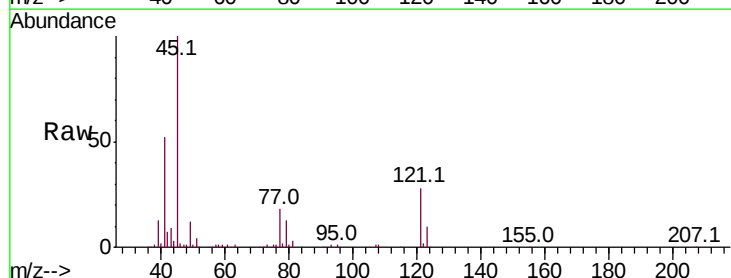
RT: 8.10 min Scan# 869

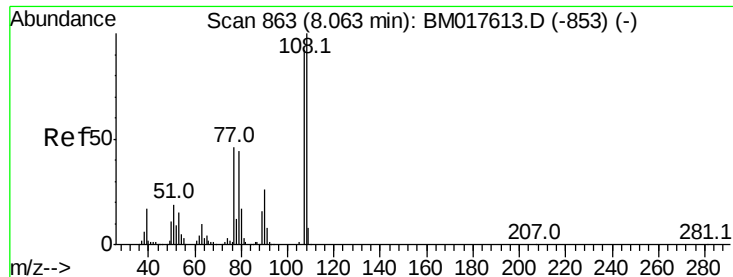
Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:	45	Resp:	318792
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	34.2
79	12.8	0.0	30.5





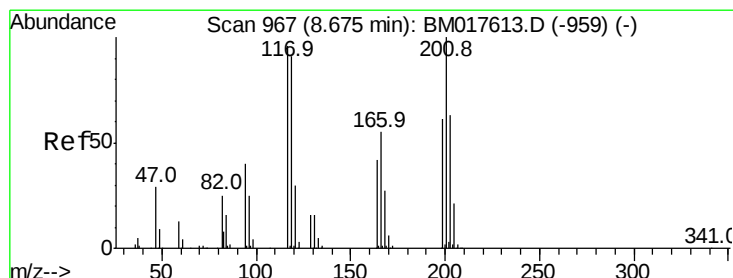
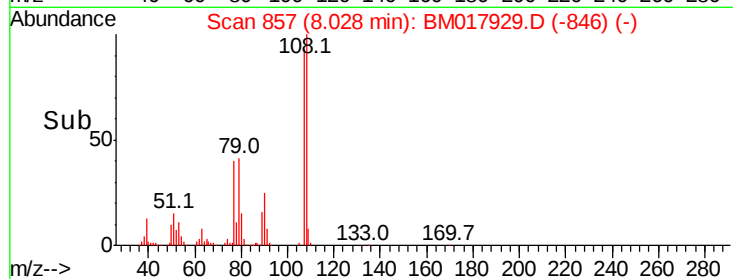
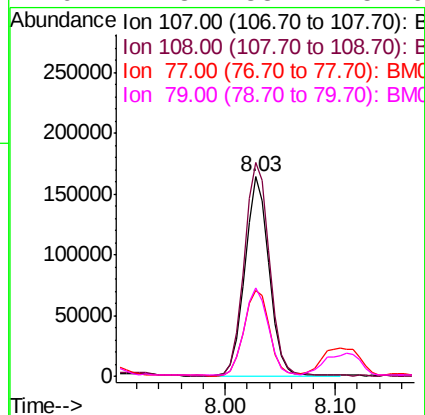
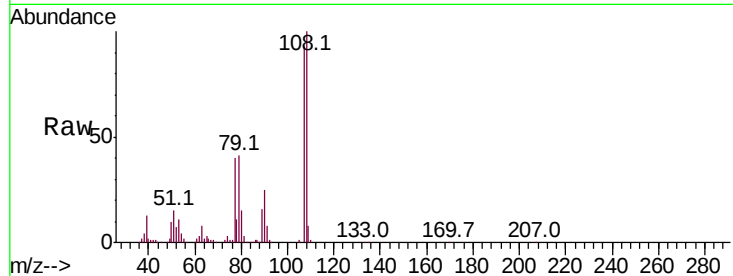
#17
2-Methylphenol
Concen: 39.701 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleID :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	251495		
108	107.2	86.7	130.1	
77	43.3	39.8	59.6	
79	44.3	38.4	57.6	

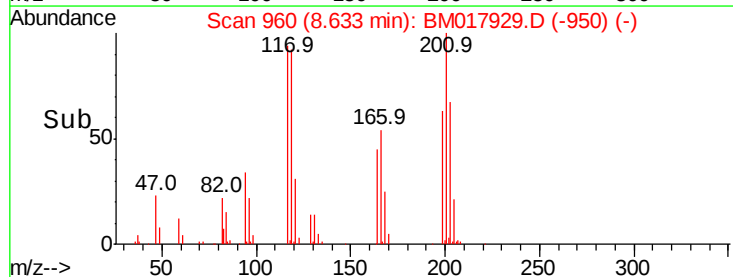
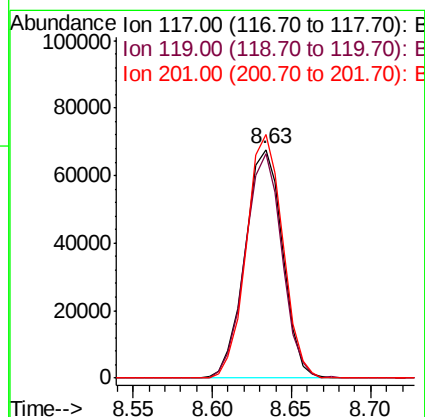
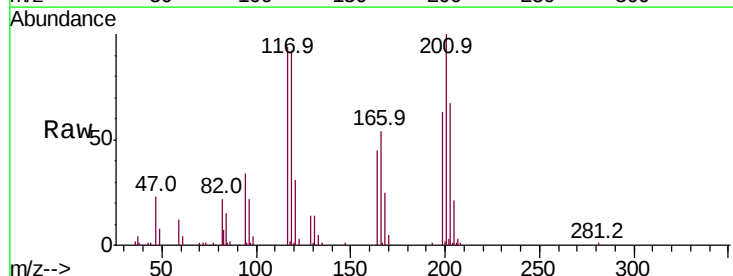
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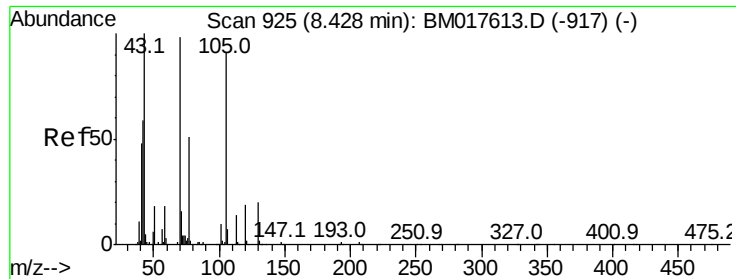
mohammad
12/5/2018 4:50:27 PM



#18
Hexachloroethane
Concen: 35.781 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111330		
119	98.3	75.8	113.8	
201	106.4	83.0	124.4	





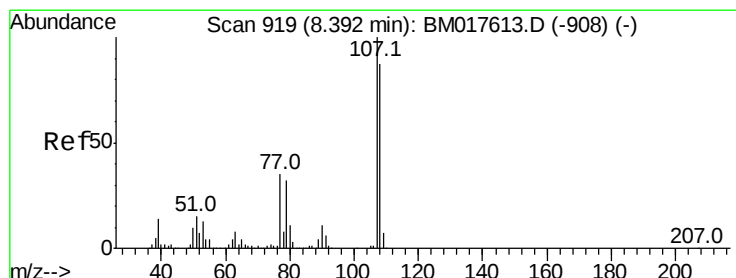
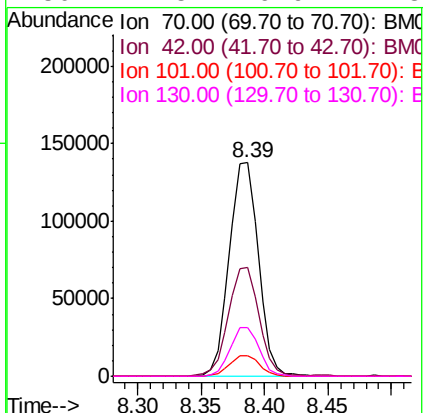
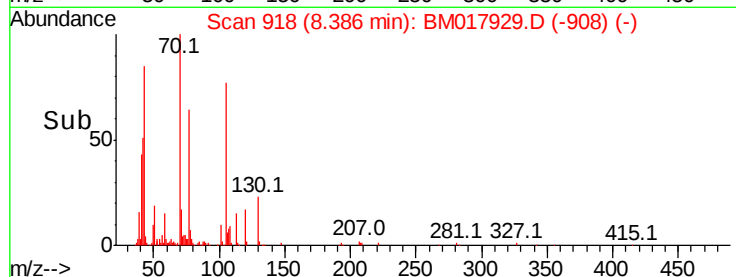
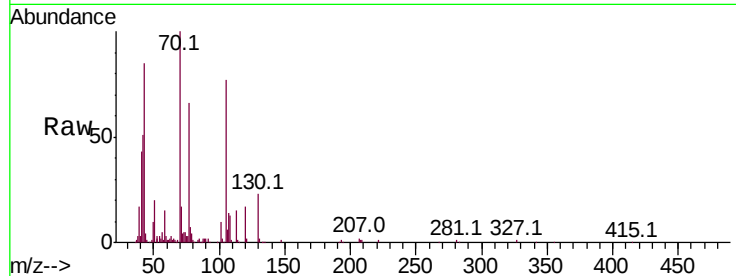
#19
n-Nitroso-di-n-propylamine
Concen: 34.146 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.8	48.6	73.0
101	9.8	7.9	11.9
130	22.5	16.6	24.8

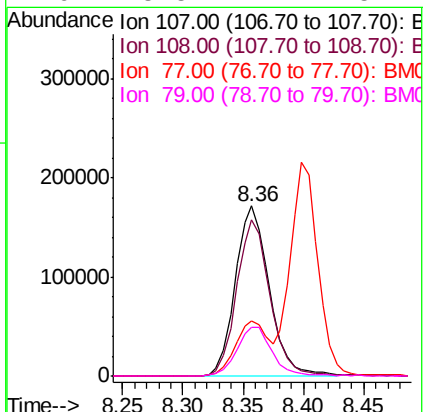
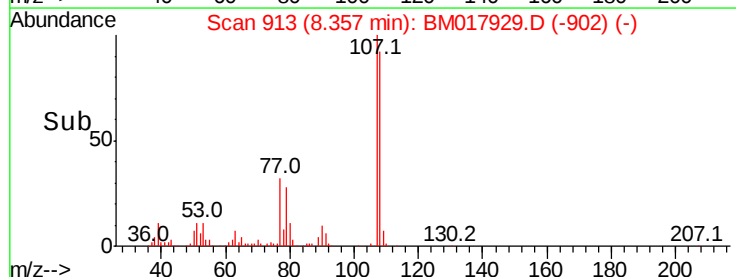
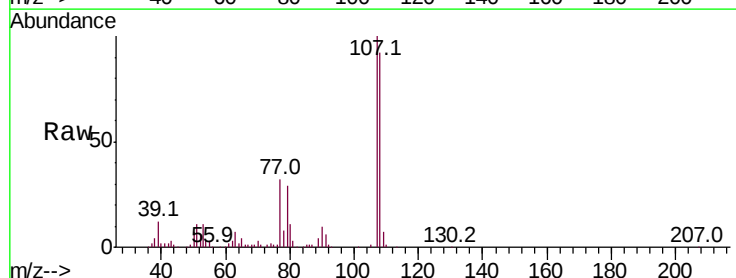
Manual Integrations
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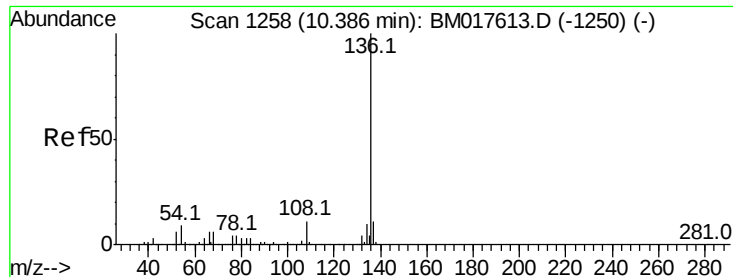
mohammad
12/5/2018 4:50:27 PM



#20
3+4-Methylphenols
Concen: 38.148 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	67.0	107.0
77	32.3	15.6	55.6
79	28.5	11.7	51.7





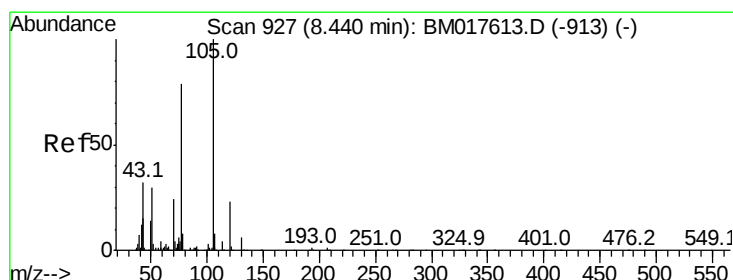
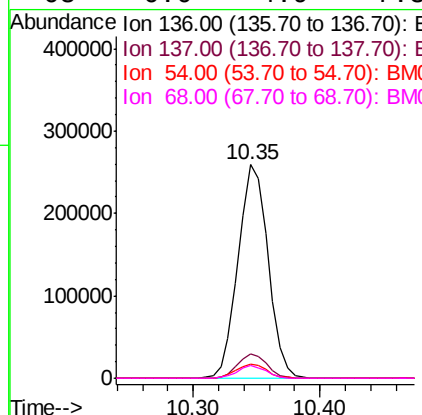
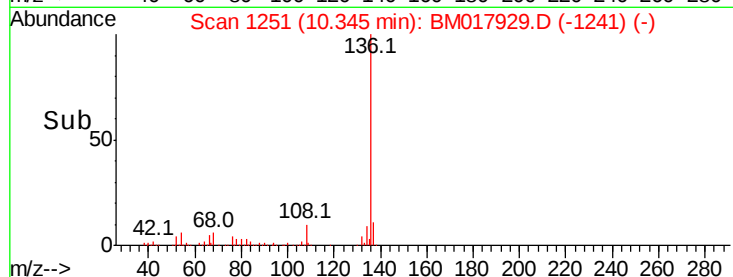
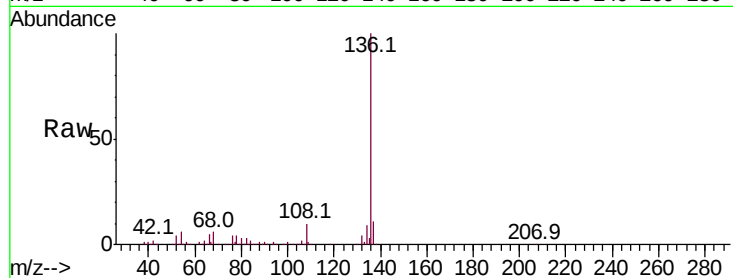
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.6	12.8	
54	6.4	7.0	10.6	
68	6.0	4.9	7.3	

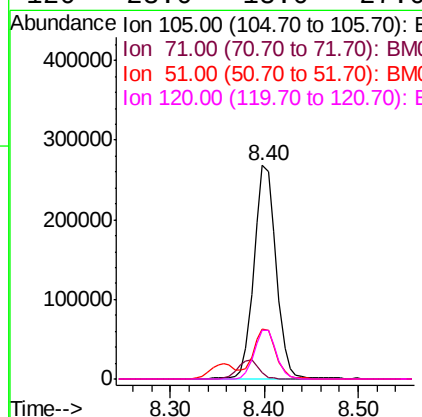
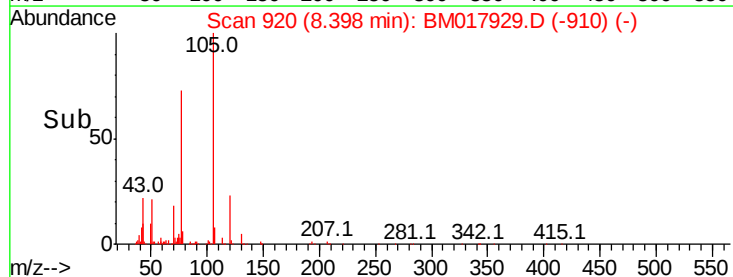
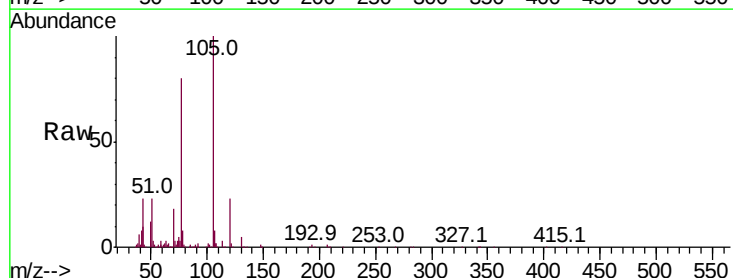
Manual Integrations
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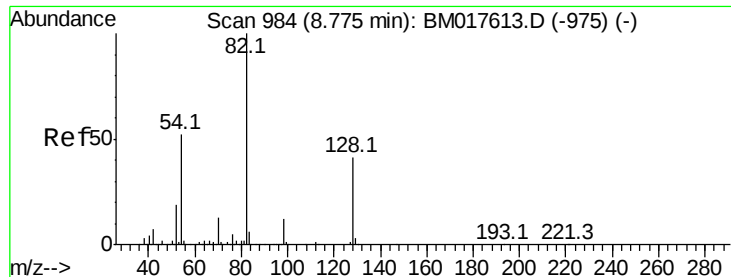
mohammad
12/5/2018 4:50:27 PM



#22
Acetophenone
Concen: 41.268 ng
RT: 8.40 min Scan# 920
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	3.1	4.7	
51	23.4	23.8	35.8	
120	23.0	18.0	27.0	





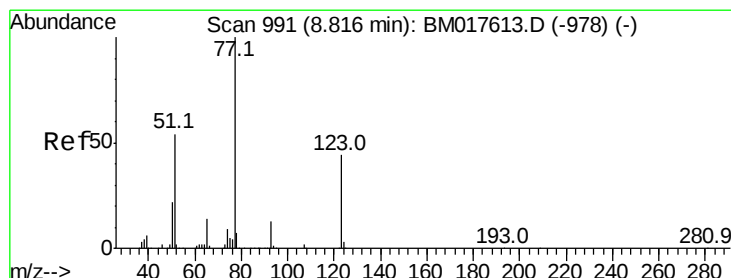
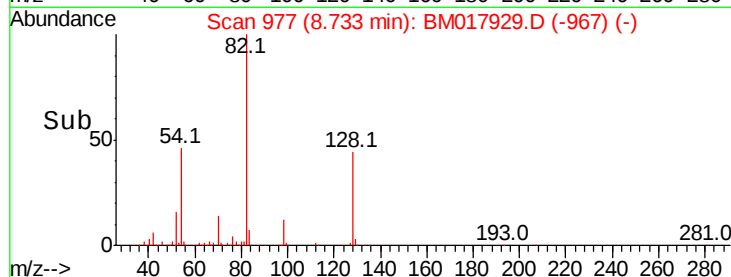
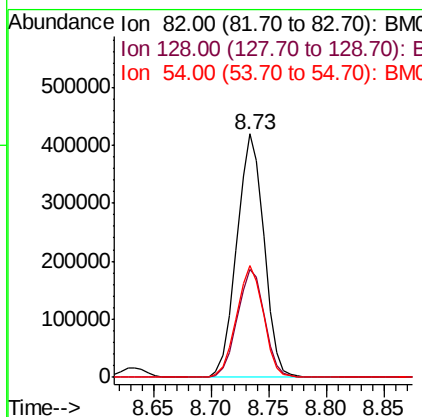
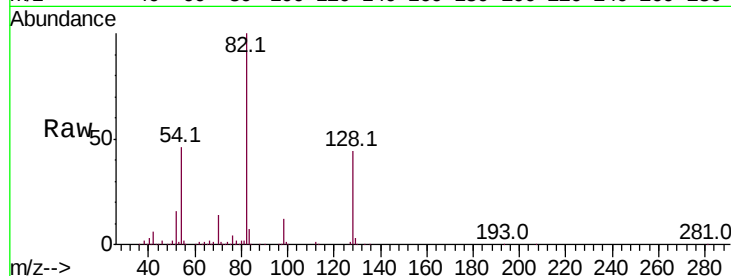
#23
Nitrobenzene-d5
Concen: 83.016 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.0	49.4
54	45.8	41.4	62.2

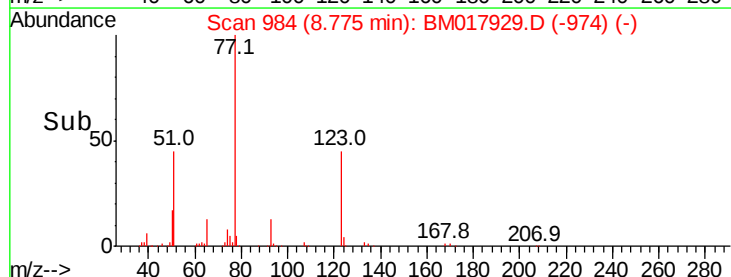
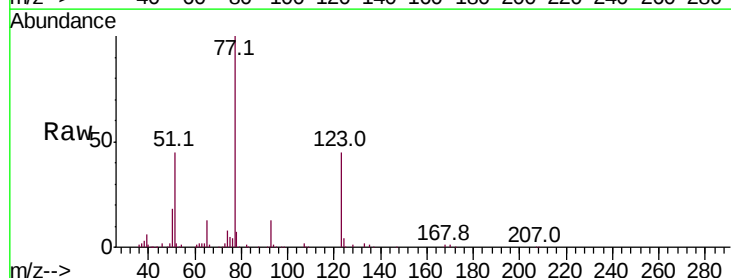
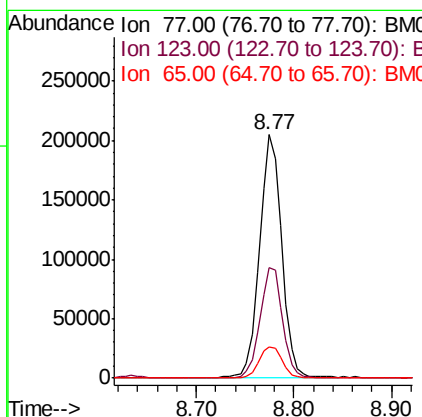
Manual Integrations
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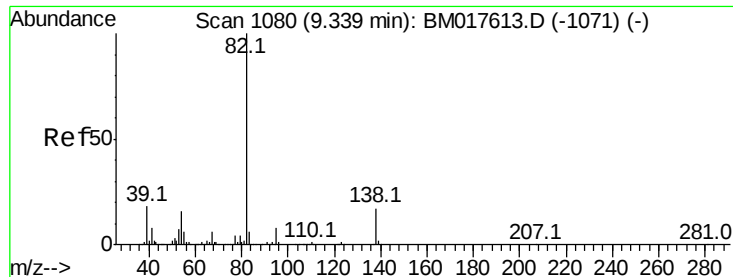
mohammad
12/5/2018 4:50:27 PM



#24
Nitrobenzene
Concen: 38.894 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.1	52.7
65	12.7	11.0	16.6





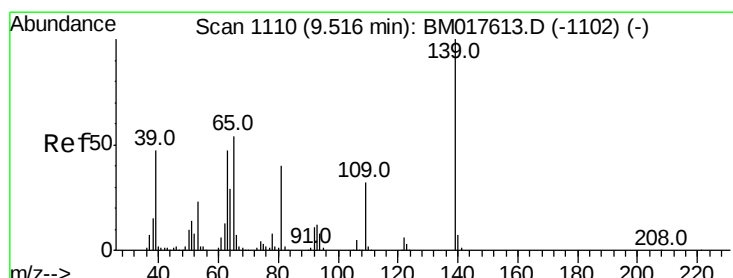
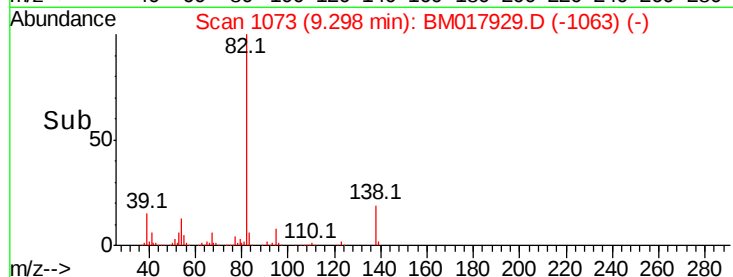
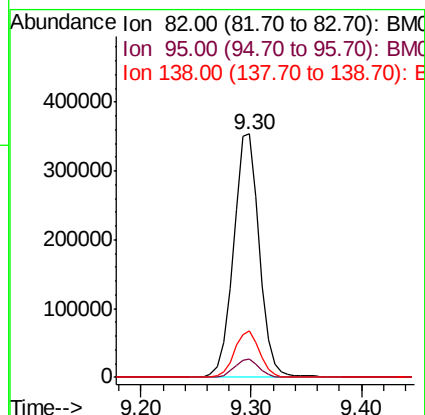
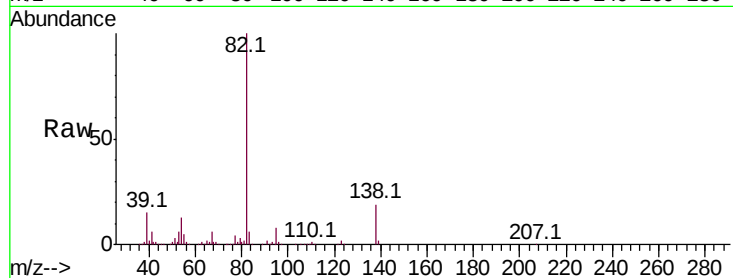
#25
Isophorone
Concen: 45.454 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	6.1	9.1	
138	18.8	13.9	20.9	

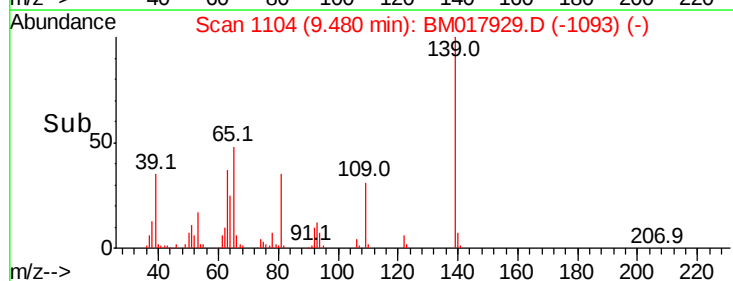
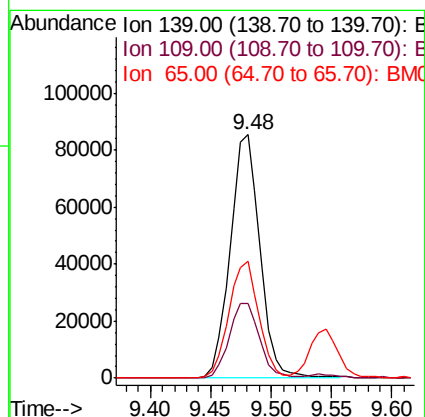
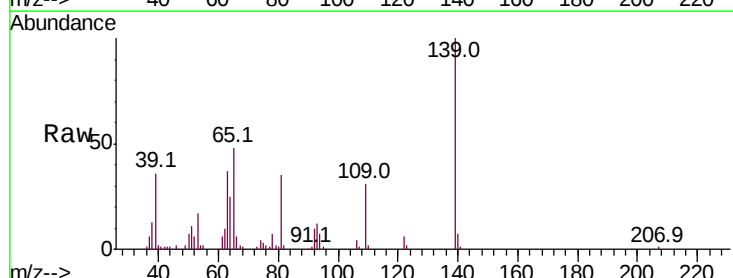
Manual Integrations
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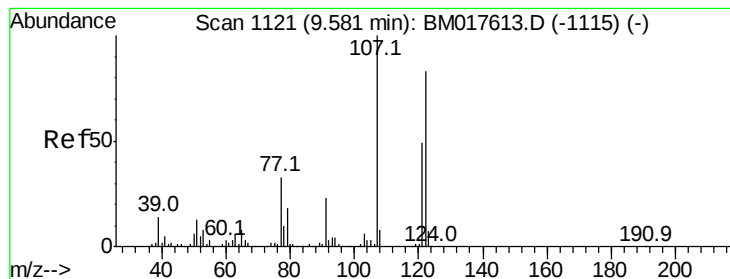
mohammad
12/5/2018 4:50:27 PM



#26
2-Nitrophenol
Concen: 37.964 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.9	25.9	38.9	
65	47.9	43.0	64.4	





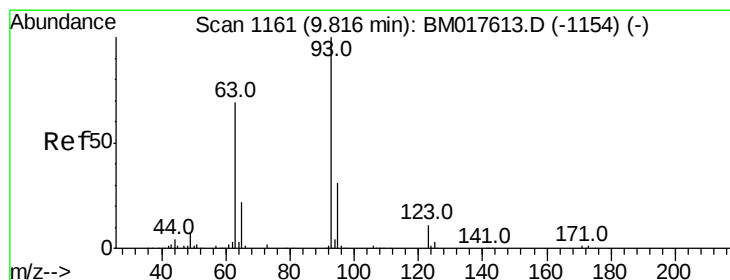
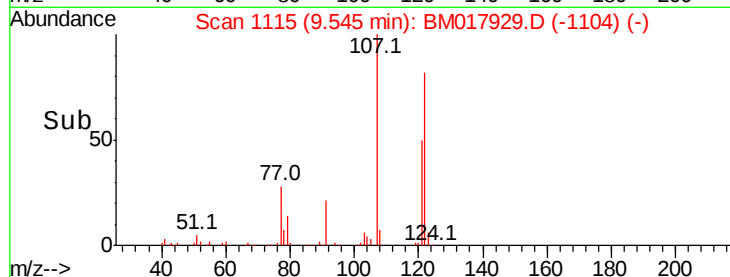
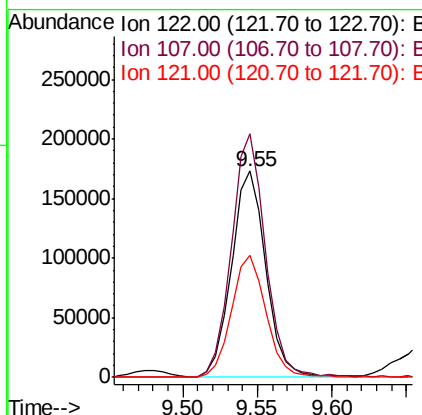
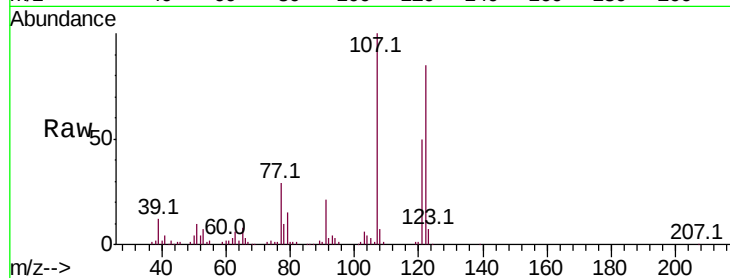
#27
 2,4-Dimethylphenol
 Concen: 49.602 ng
 RT: 9.55 min Scan# 1115
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleID :
 PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	275547		
107	118.1	95.8	143.8	
121	59.3	47.2	70.8	

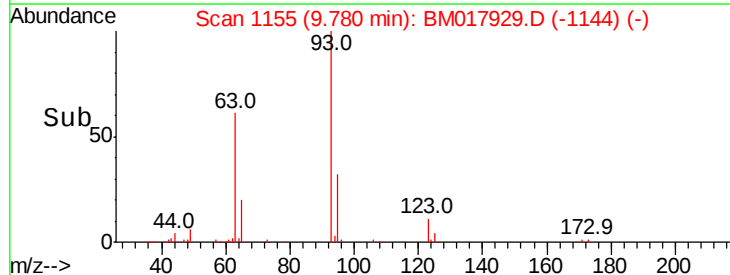
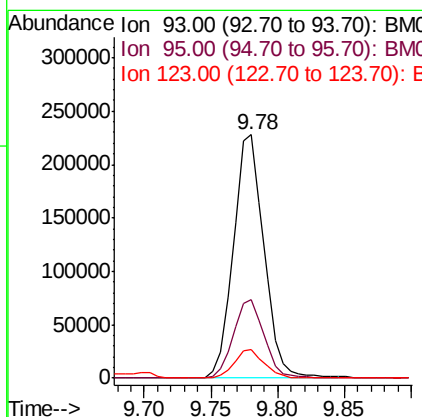
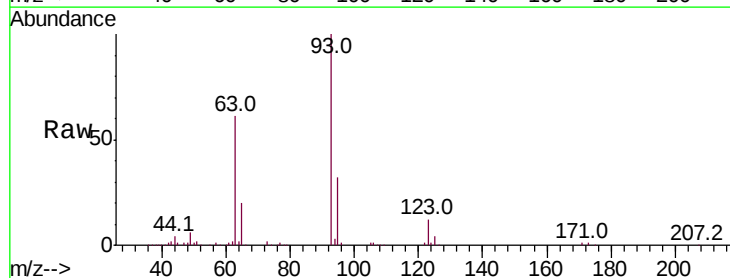
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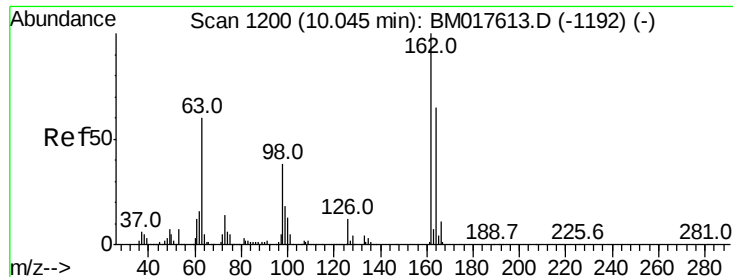
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.883 ng
 RT: 9.78 min Scan# 1155
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	361362		
95	32.2	24.9	37.3	
123	11.6	8.7	13.1	





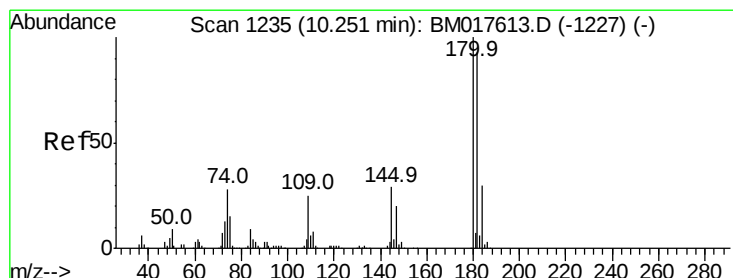
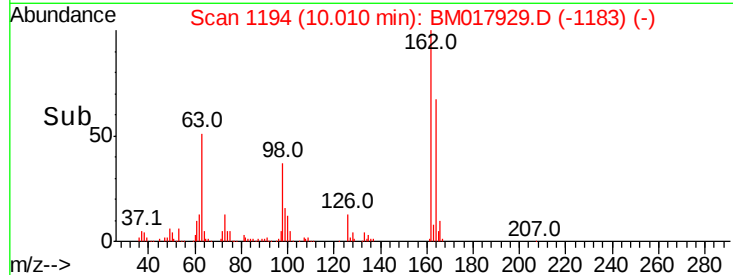
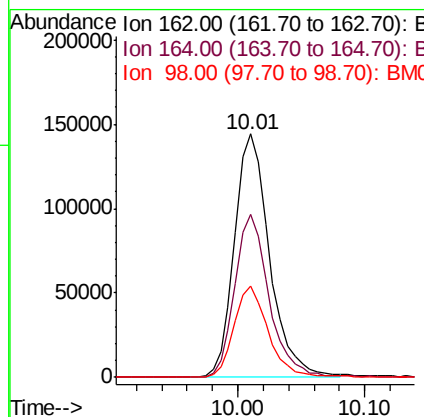
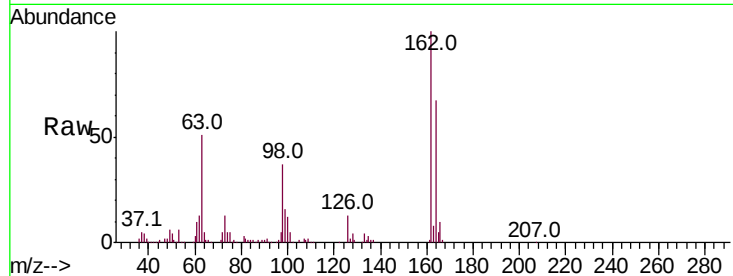
#29
 2,4-Dichlorophenol
 Concen: 42.932 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

Tot Ion:	162	Resp:	276850
Ion Ratio		Lower	Upper
162	100		
164	66.7	45.0	85.0
98	37.3	17.5	57.5

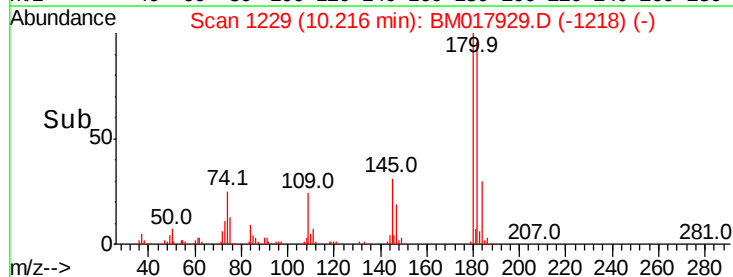
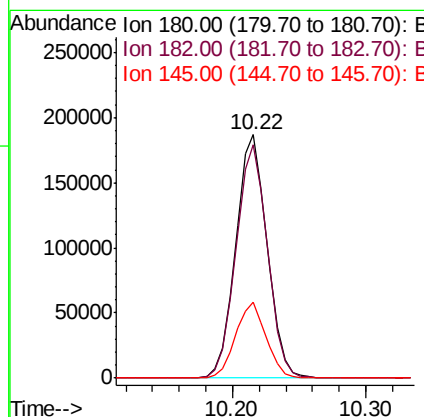
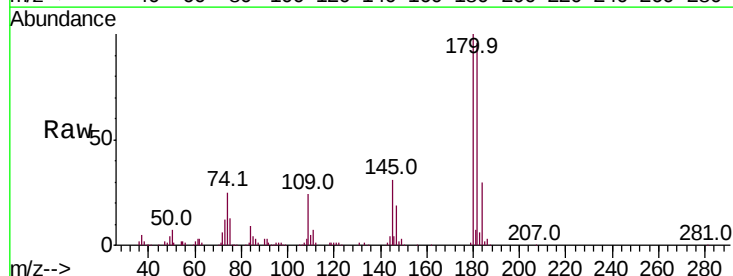
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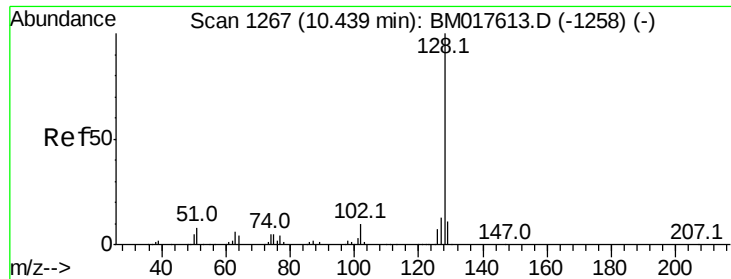
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.487 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion:	180	Resp:	303659
Ion Ratio		Lower	Upper
180	100		
182	96.0	74.4	111.6
145	31.2	23.5	35.3





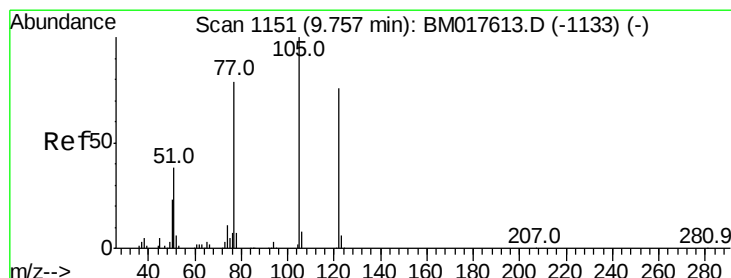
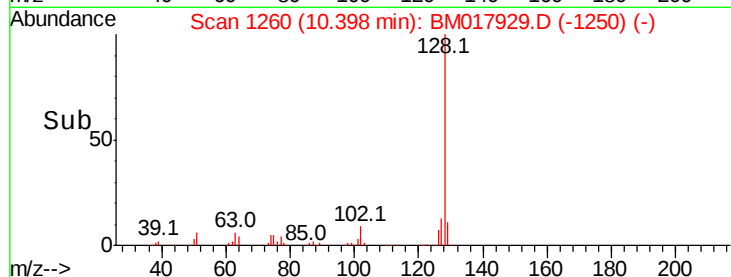
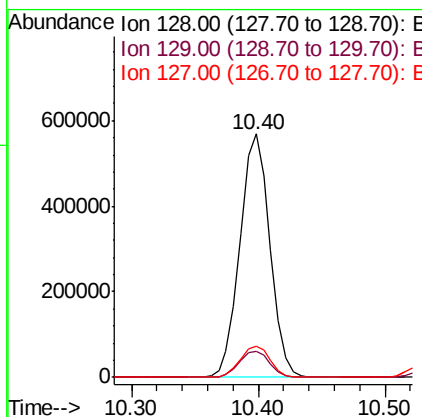
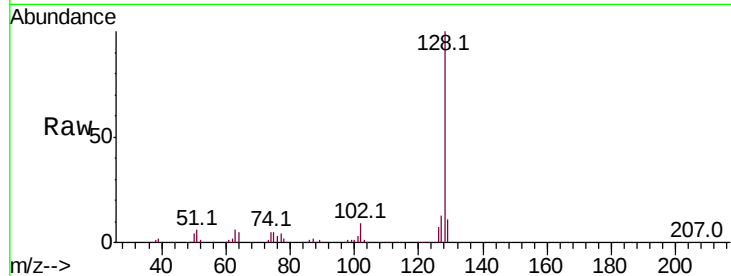
#31
Naphthalene
Concen: 44.462 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.6	12.8	
127	12.8	10.3	15.5	

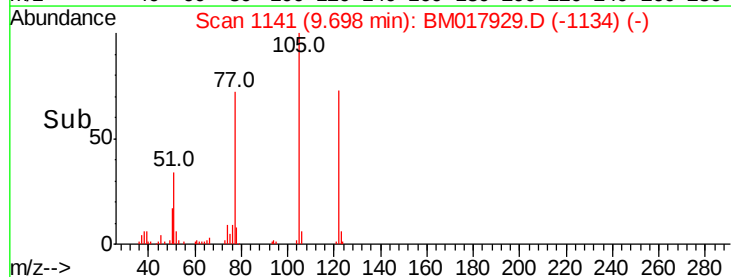
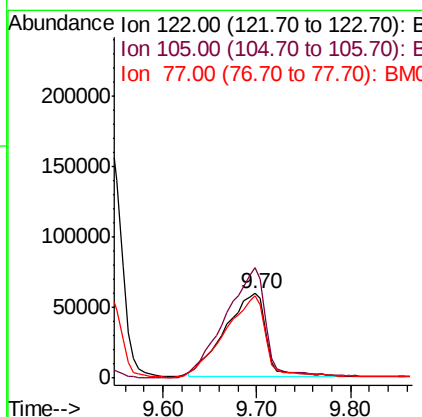
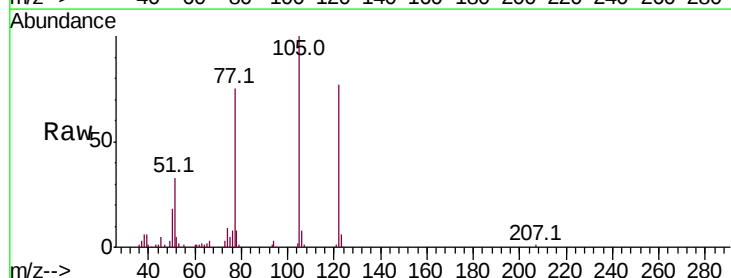
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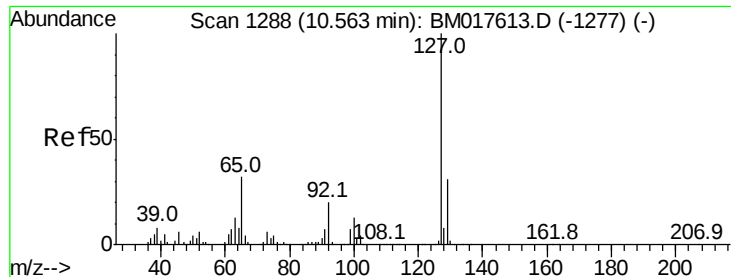
mohammad
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#32
Benzoic acid
Concen: 35.524 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.7	109.1	149.1	
77	97.6	82.1	122.1	





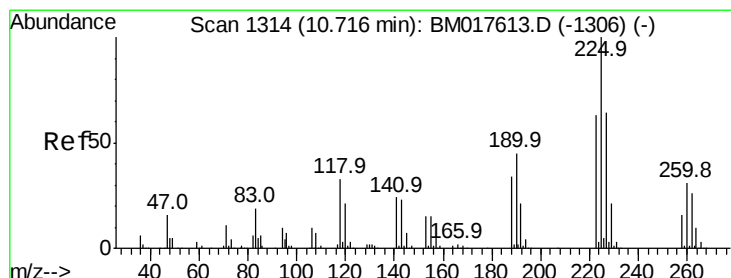
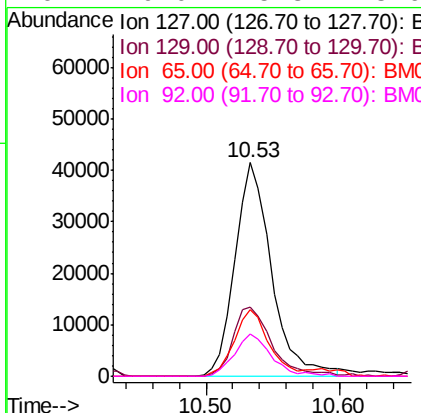
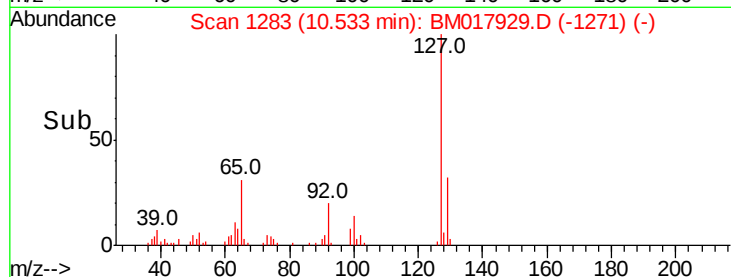
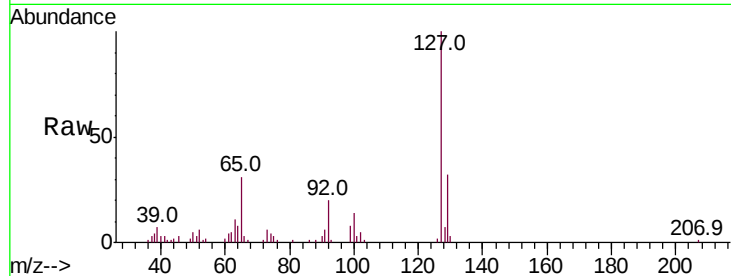
#33
4-Chloroaniline
Concen: 8.598 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.0	37.4	
65	31.4	25.8	38.8	
92	20.0	15.8	23.6	

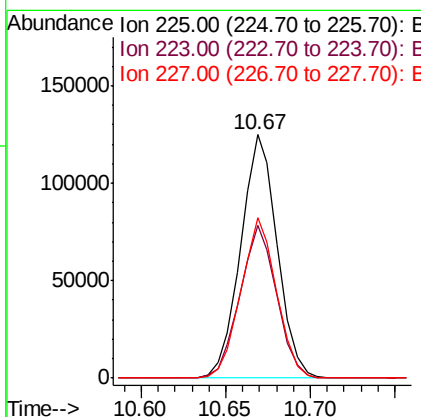
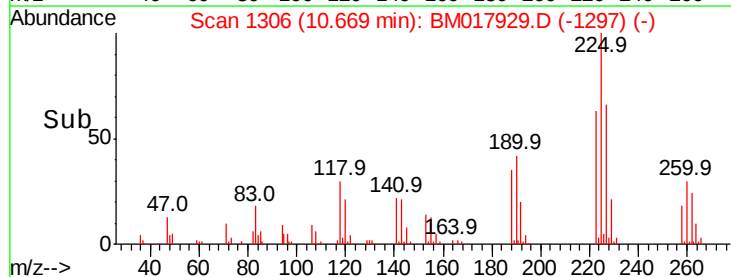
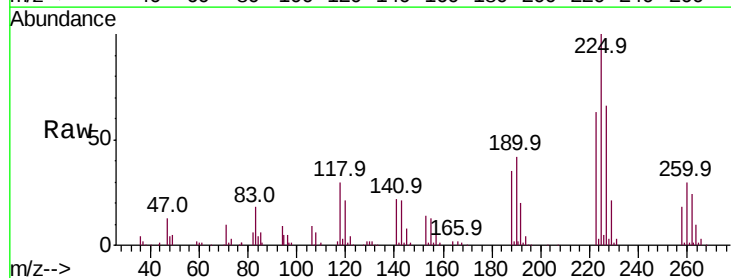
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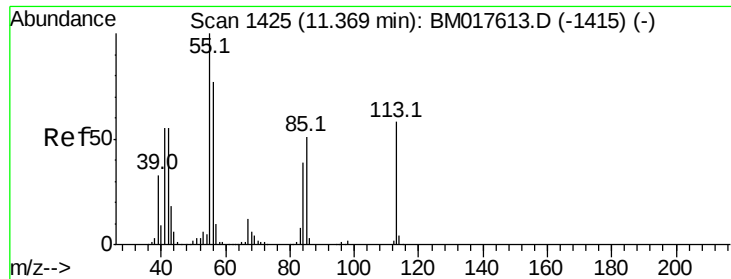
mohammad
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#34
Hexachlorobutadiene
Concen: 40.261 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.05 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.7	76.1	
227	65.8	51.0	76.4	





#35

Caprolactam

Concen: 36.689 ng/ml

RT: 11.32 min Scan# 1416

Delta R.T. -0.05 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

PB115307BSD

Tot Ion:113 Resp: 87129

Ion Ratio Lower Upper

113 100

55 140.5 153.1 193.1#

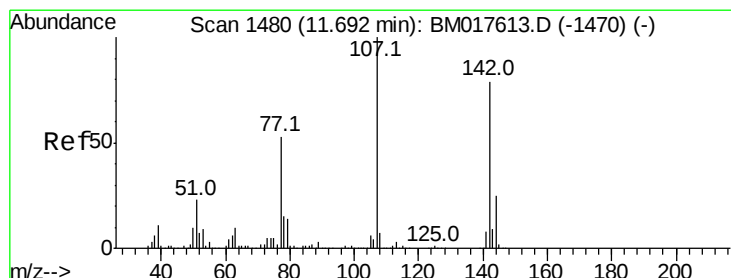
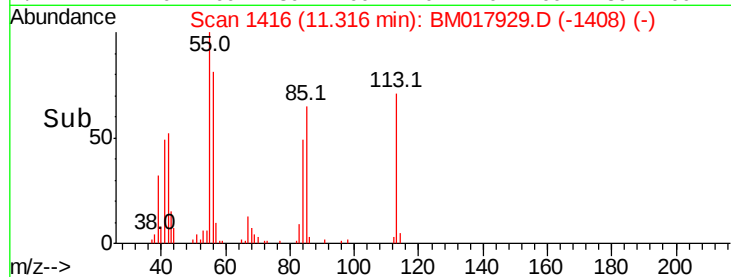
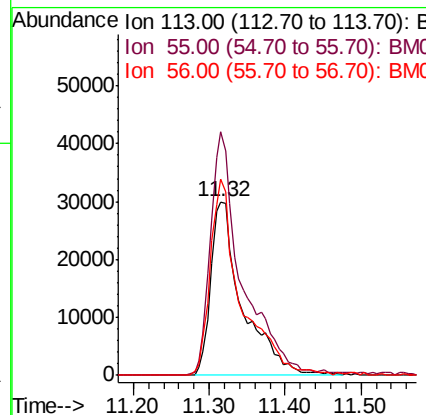
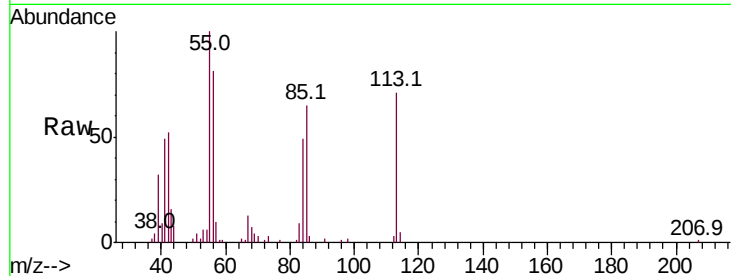
56 113.5 112.7 152.7

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#36

4-Chloro-3-methylphenol

Concen: 39.516 ng/ml

RT: 11.66 min Scan# 1474

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

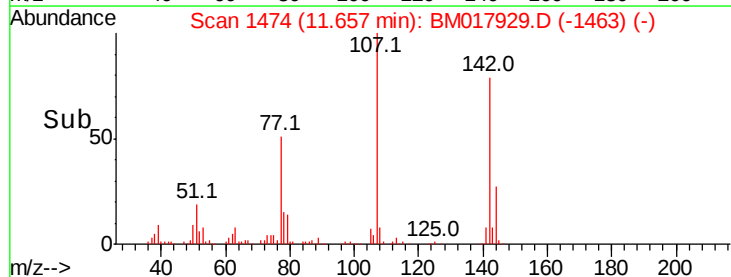
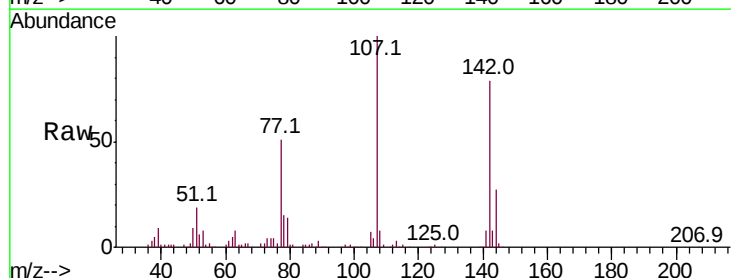
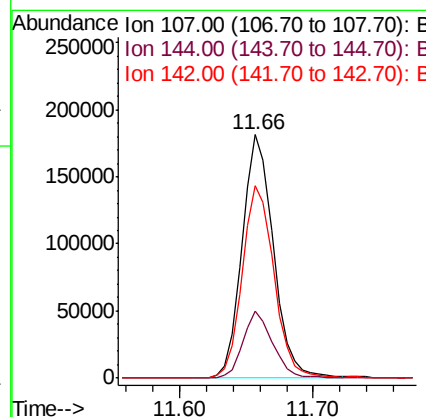
Tgt Ion:107 Resp: 294207

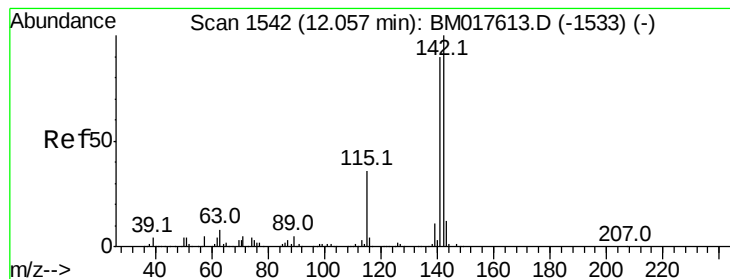
Ion Ratio Lower Upper

107 100

144 27.4 19.9 29.9

142 79.2 63.0 94.4





#37

2-Methylnaphthalene

Concen: 45.152 ng

RT: 12.02 min Scan# 1536

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

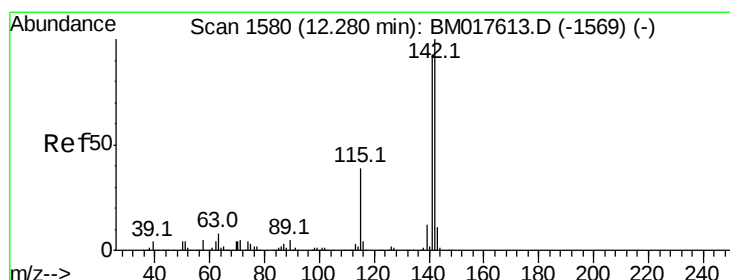
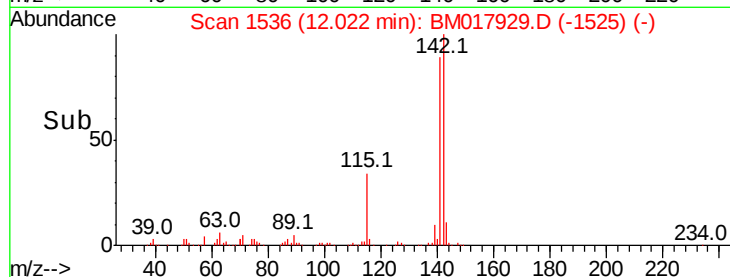
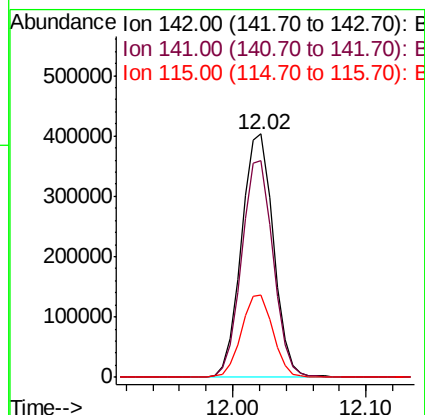
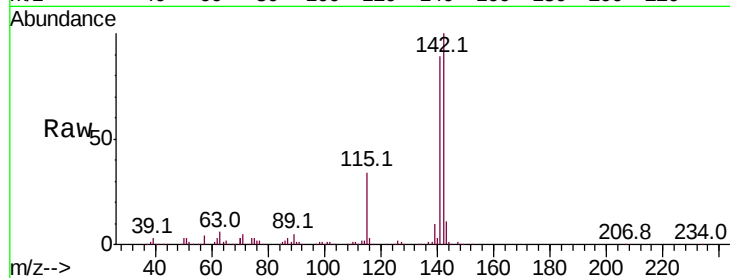
ClientSampleId :

PB115307BSD

Tot Ion:	142	Resp:	668076
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.2	108.4
115	34.0	28.5	42.7

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#38

1-Methylnaphthalene

Concen: 44.090 ng

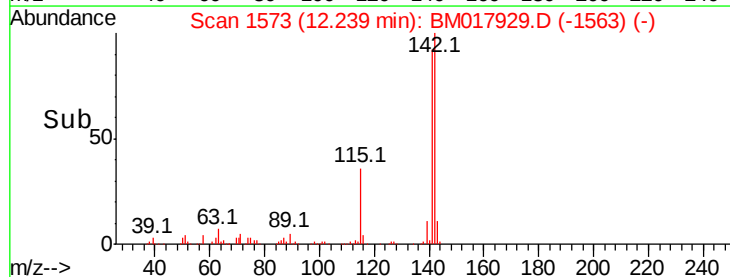
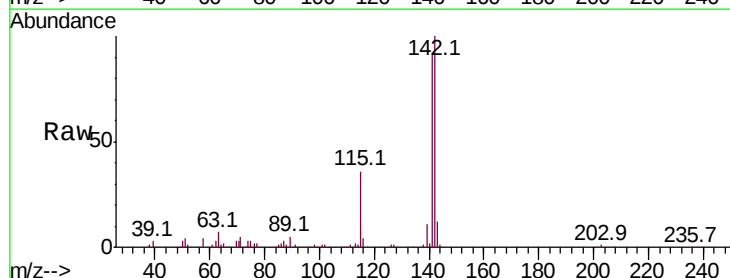
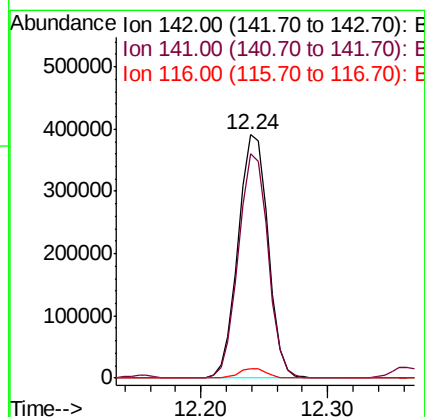
RT: 12.24 min Scan# 1573

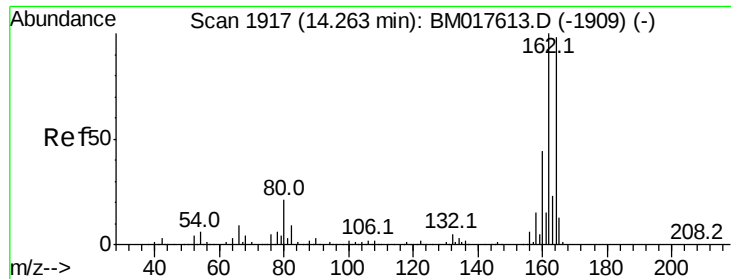
Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:	142	Resp:	639646
Ion Ratio	Lower	Upper	
142	100		
141	92.3	74.2	111.4
116	3.9	3.1	4.7





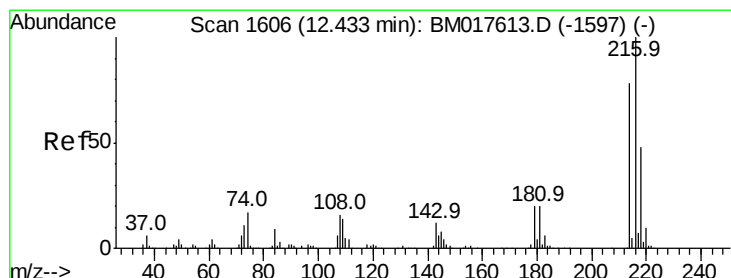
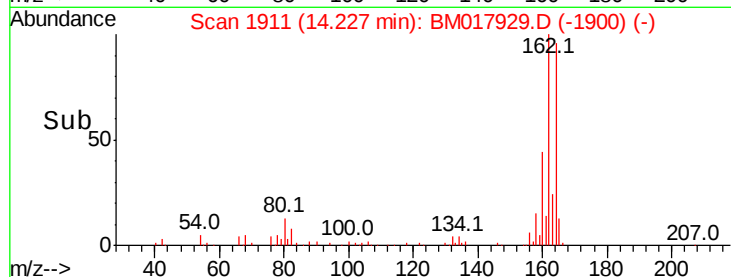
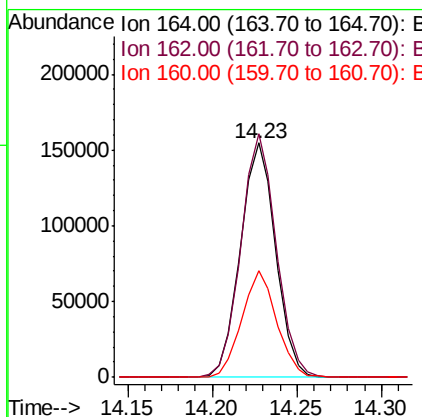
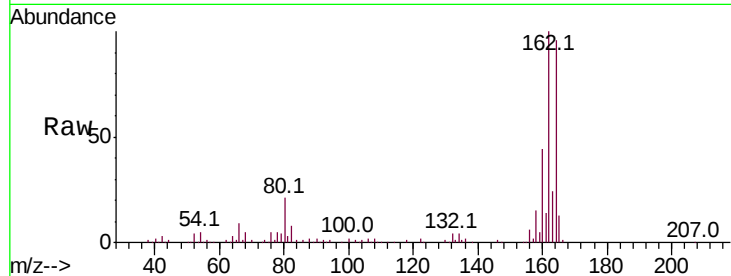
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.4	122.0
160	45.7	35.6	53.4

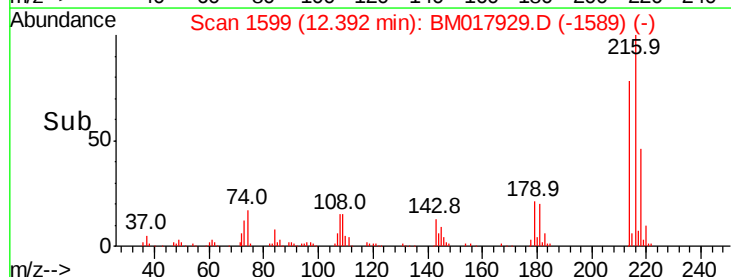
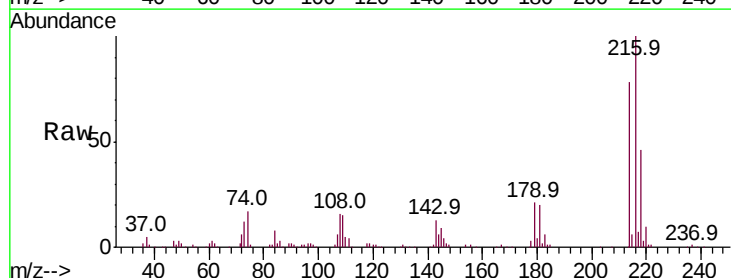
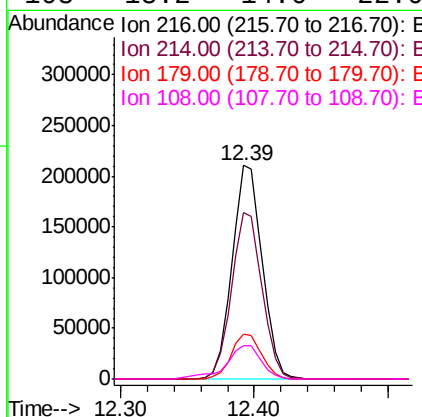
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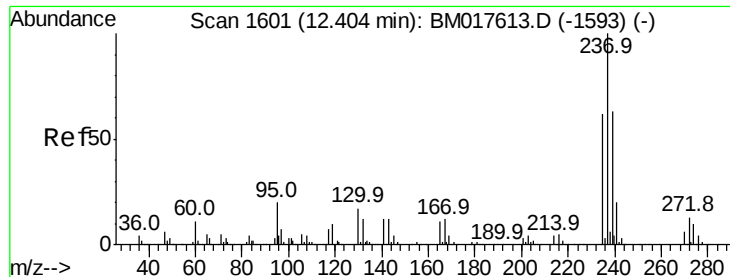
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.828 ng
RT: 12.39 min Scan# 1599
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.5	93.7
179	21.2	16.8	25.2
108	18.2	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 56.718 ng

RT: 12.36 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

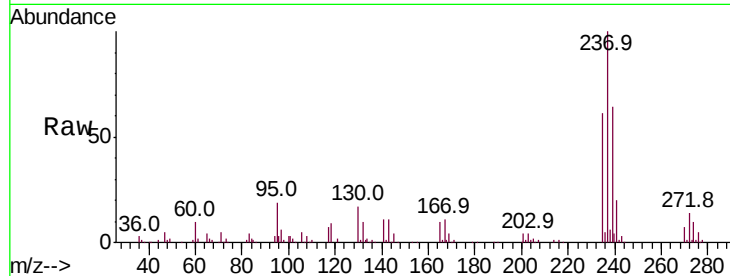
ClientSampleId :

PB115307BSD

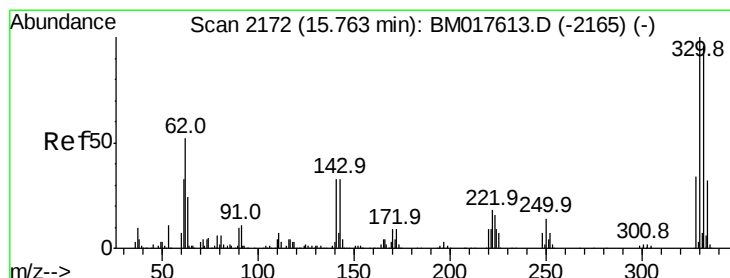
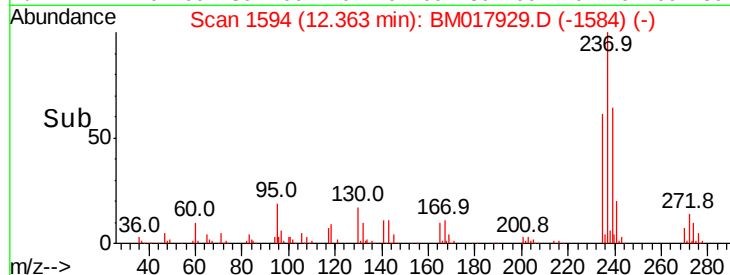
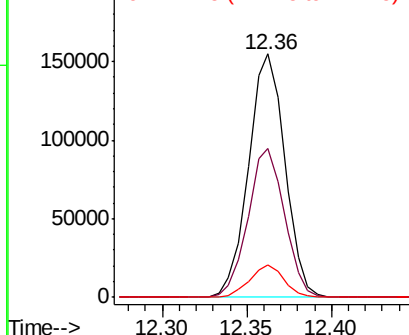
Tot Ion:	237	Resp:	231917
Ion Ratio	Lower	Upper	
237	100		
235	61.1	42.2	82.2
272	13.6	0.0	32.6

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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: 90.215 ng

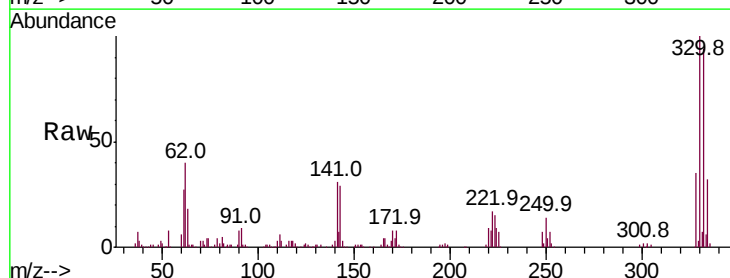
RT: 15.73 min Scan# 2167

Delta R.T. -0.03 min

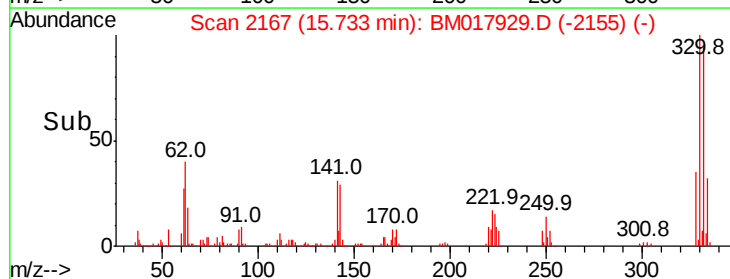
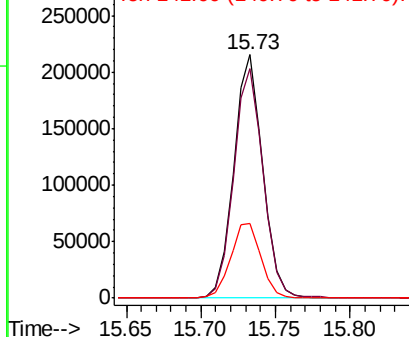
Lab File: BM017929.D

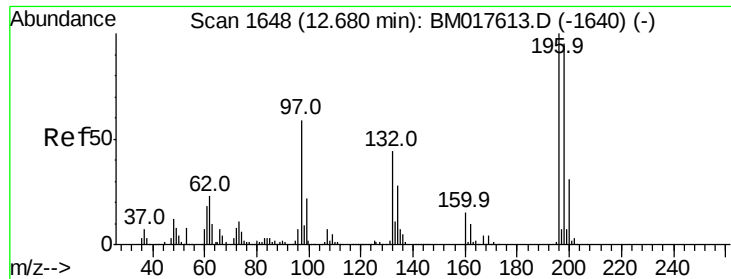
Acq: 05 Dec 2018 07:48

Tgt Ion:	330	Resp:	290885
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.9	116.9
141	32.4	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





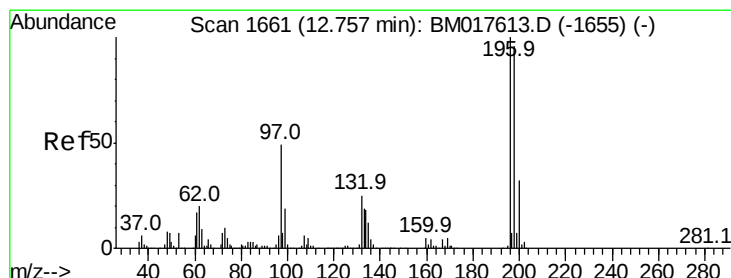
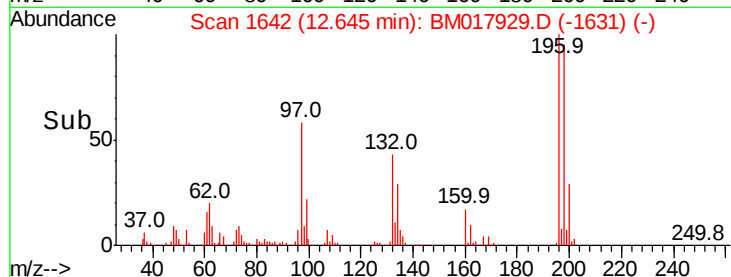
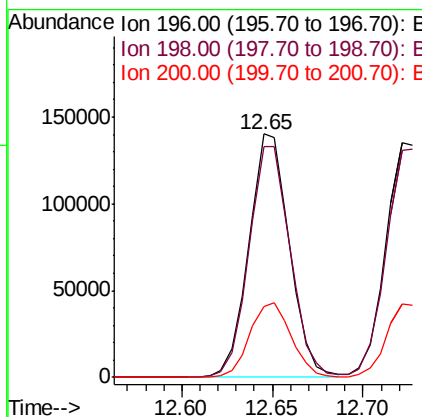
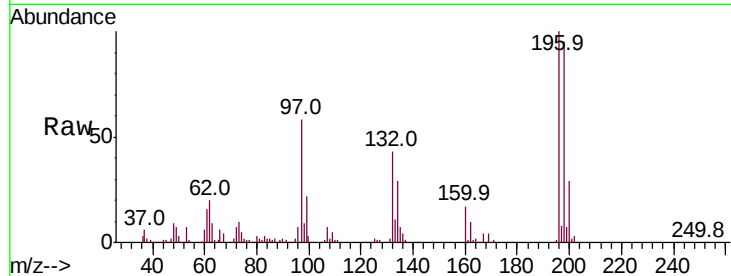
#43
 2,4,6-Trichlorophenol
 Concen: 43.963 ng
 RT: 12.65 min Scan# 1642
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217901		
198	94.6	75.6	113.4	
200	29.3	24.8	37.2	

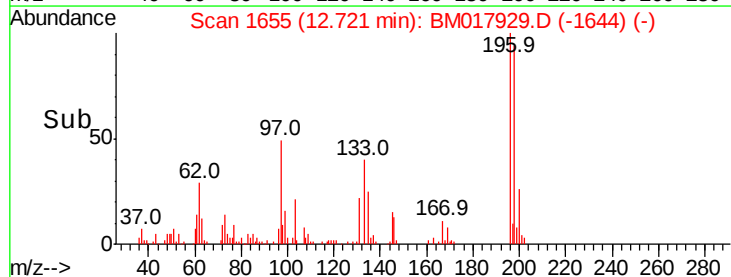
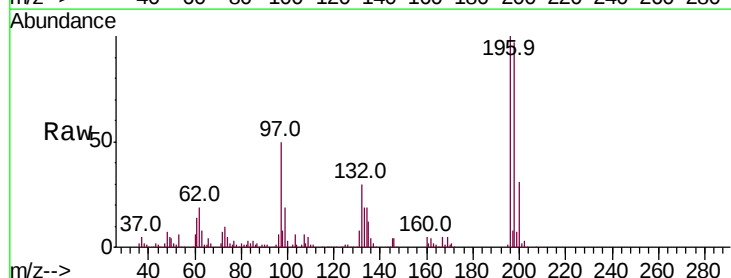
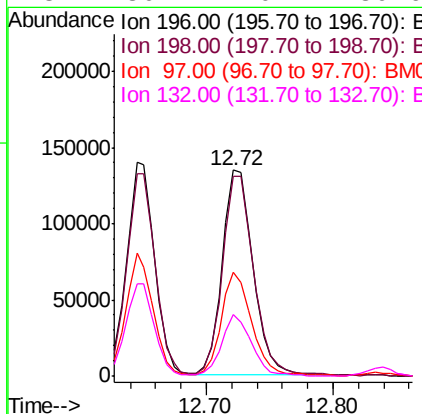
Manual Integrations
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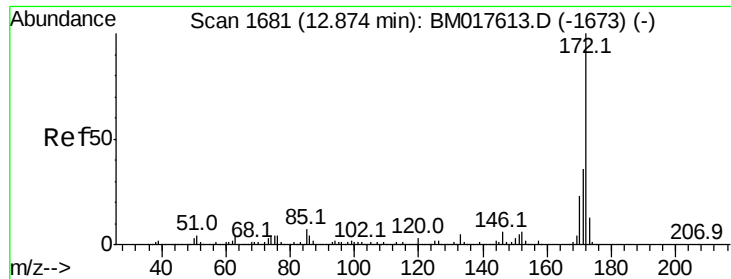
mohammad
 12/5/2018 4:50:27 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.195 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226057		
198	97.0	76.8	115.2	
97	50.4	39.0	58.6	
132	30.1	20.4	30.6	





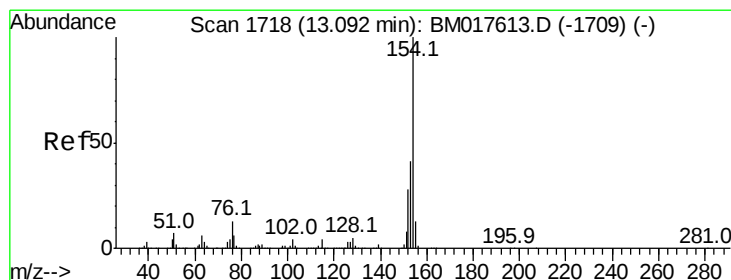
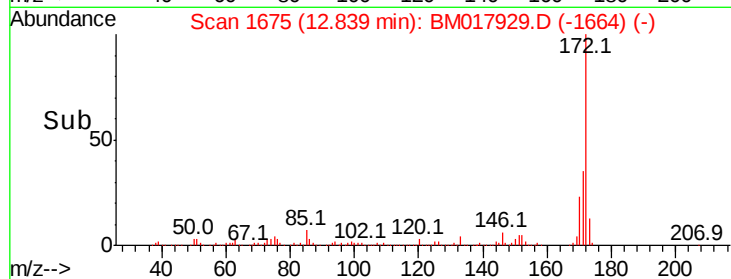
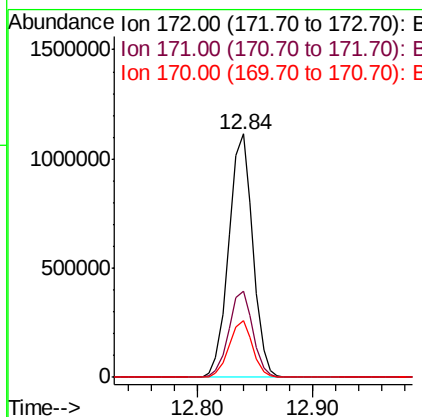
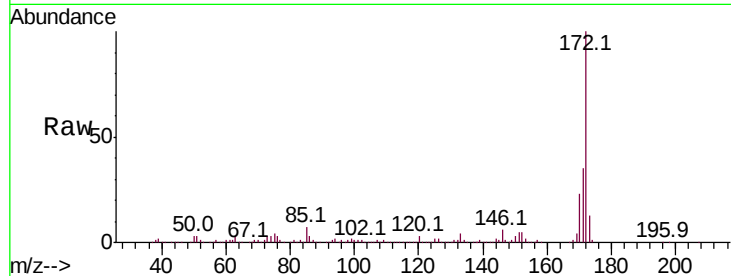
#45
2-Fluorobiphenyl
Concen: 92.584 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.1	18.3	27.5

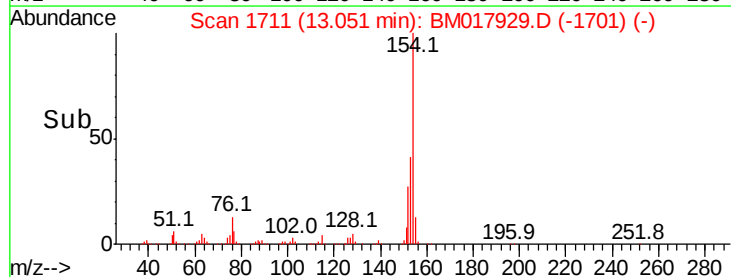
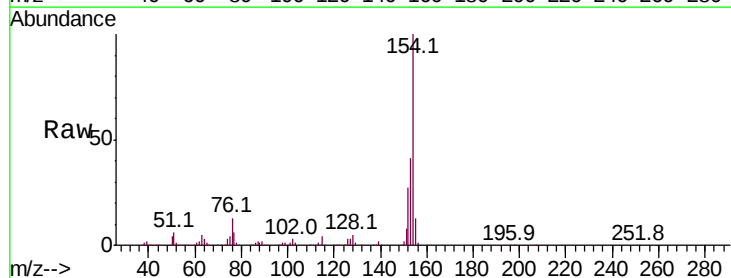
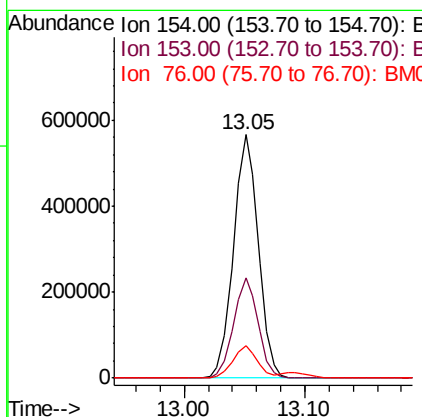
Manual Integrations
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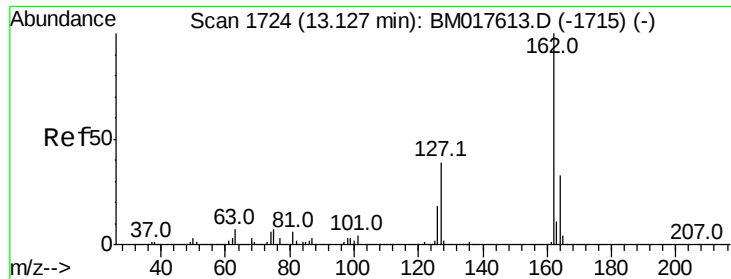
mohammad
12/5/2018 4:50:27 PM



#46
1,1'-Biphenyl
Concen: 40.264 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	13.3	0.0	32.8





#47

2-Chloronaphthalene

Concen: 42.354 ng

RT: 13.09 min Scan# 1718

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

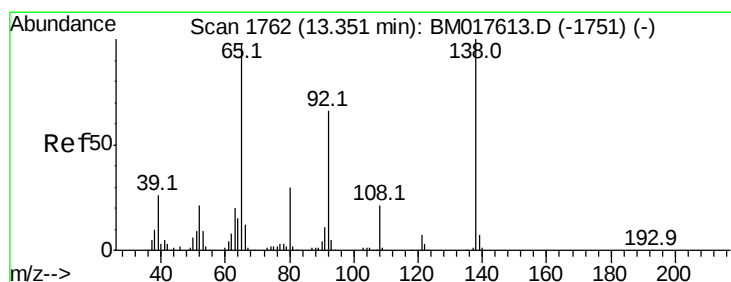
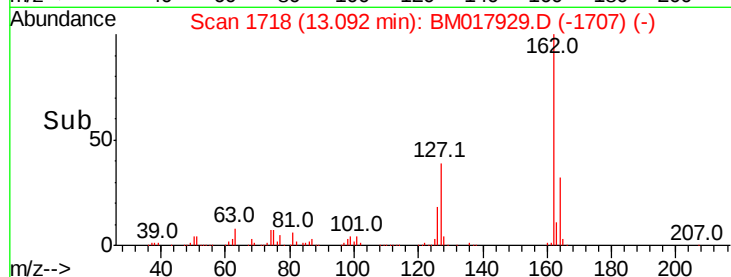
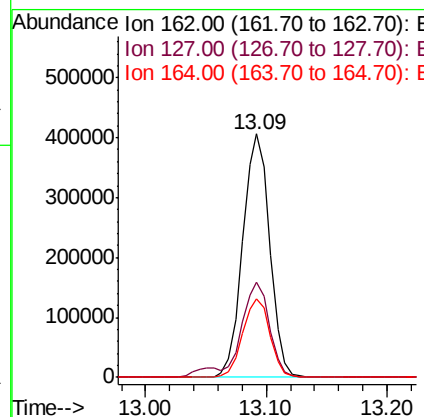
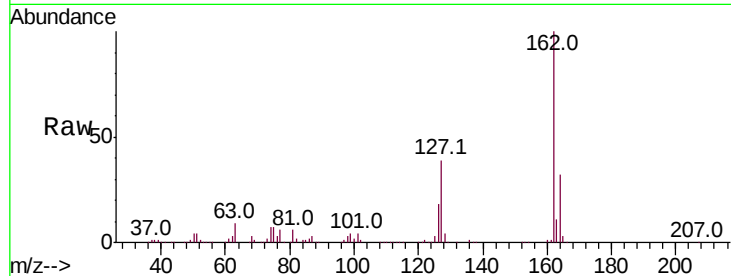
ClientSampleId :

PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	633218		
127	39.1	32.6	48.8	
164	32.0	26.5	39.7	

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#48

2-Nitroaniline

Concen: 40.084 ng

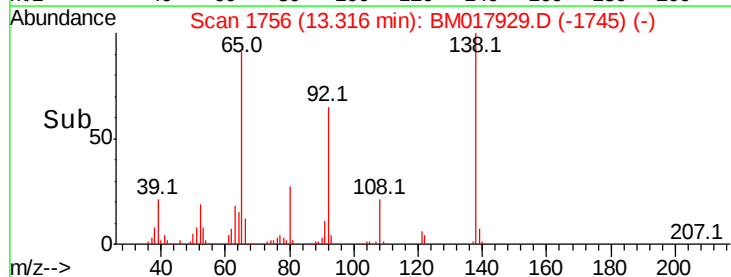
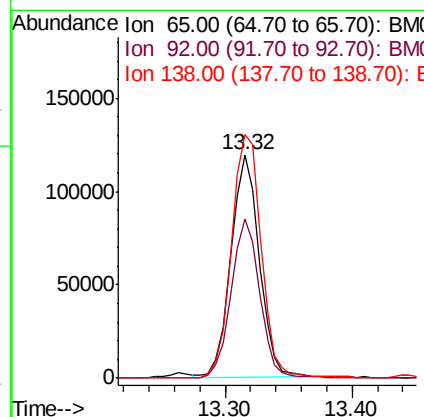
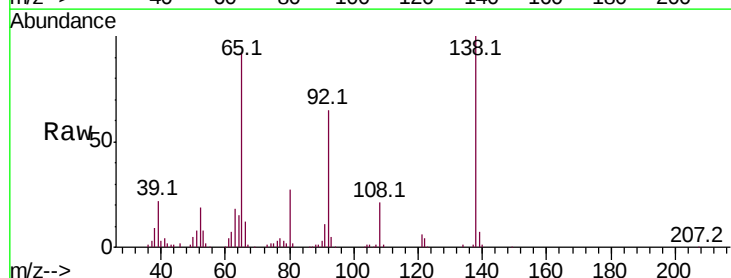
RT: 13.32 min Scan# 1756

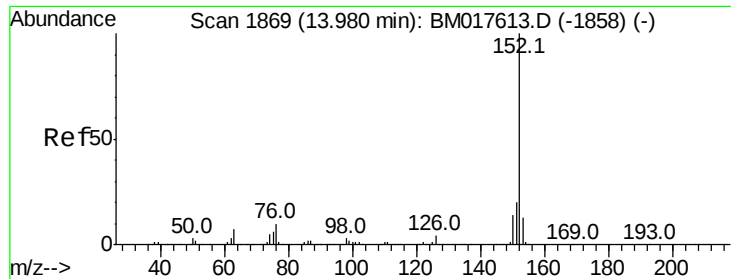
Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	185334		
92	71.1	53.7	80.5	
138	108.9	81.5	122.3	





#49

Acenaphthylene

Concen: 45.681 ng

RT: 13.94 min Scan# 1863

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

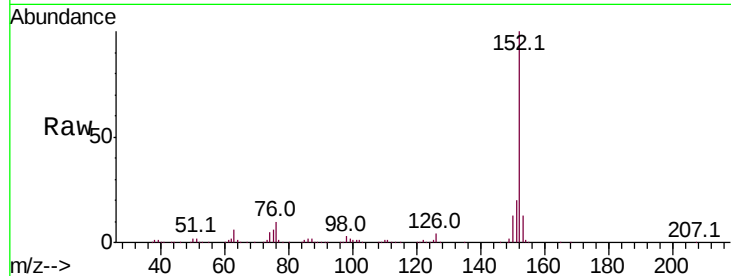
ClientSampleId :

PB115307BSD

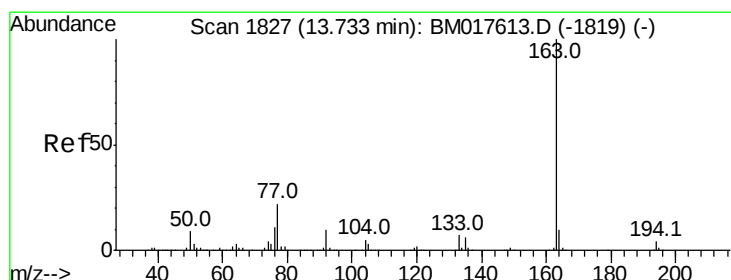
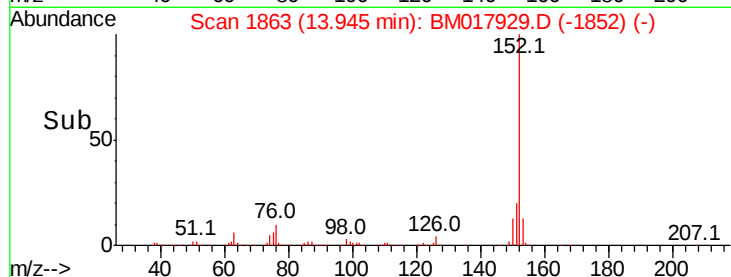
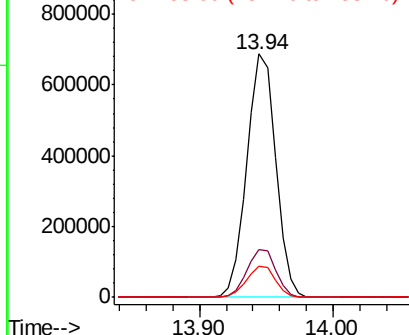
Tot Ion:	152	Resp:	1026116
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.0	10.5	15.7

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



#50

Dimethylphthalate

Concen: 41.191 ng

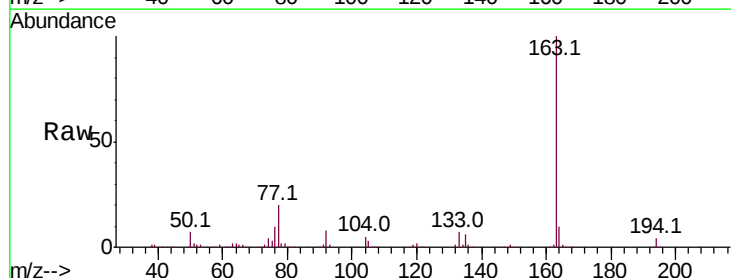
RT: 13.70 min Scan# 1821

Delta R.T. -0.04 min

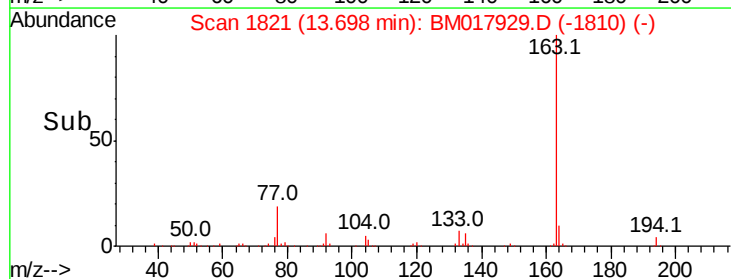
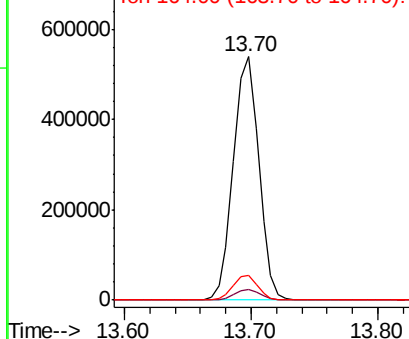
Lab File: BM017929.D

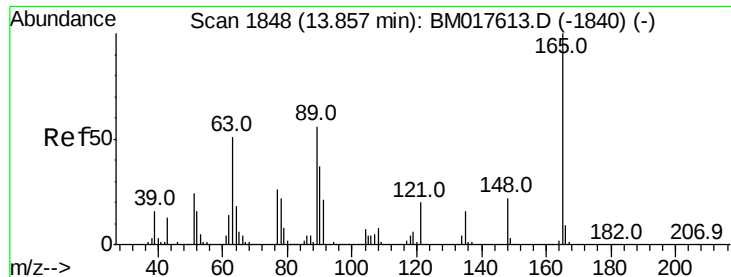
Acq: 05 Dec 2018 07:48

Tgt Ion:	163	Resp:	751519
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.1	8.2	12.4



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





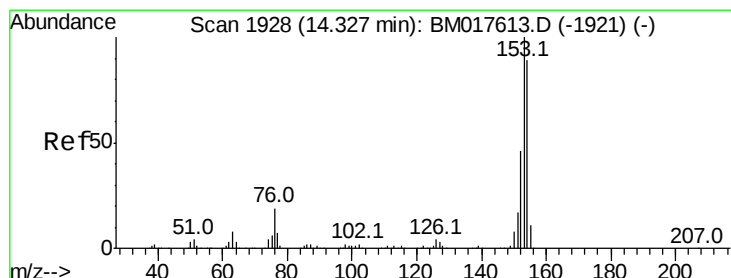
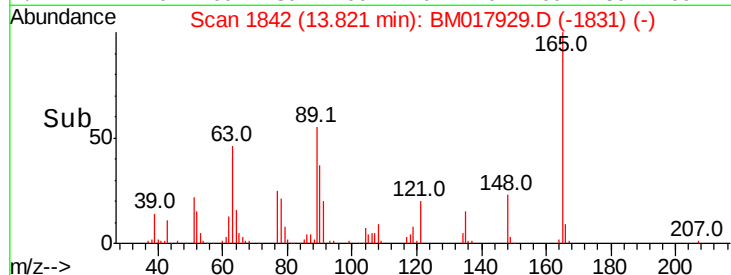
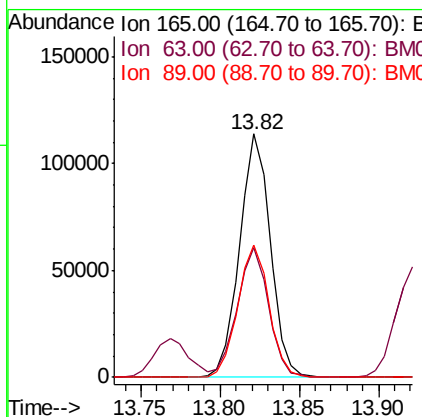
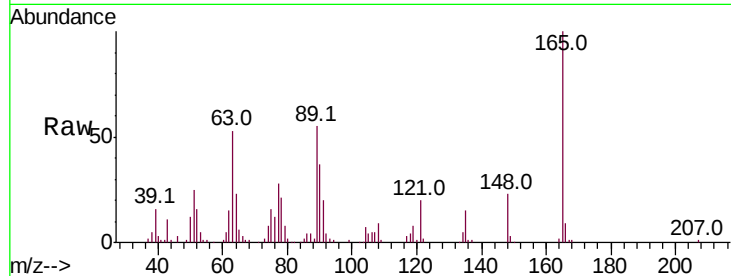
#51
2,6-Dinitrotoluene
Concen: 37.702 ng
RT: 13.82 min Scan# 1842
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	47.3	70.9
89	54.6	44.8	67.2

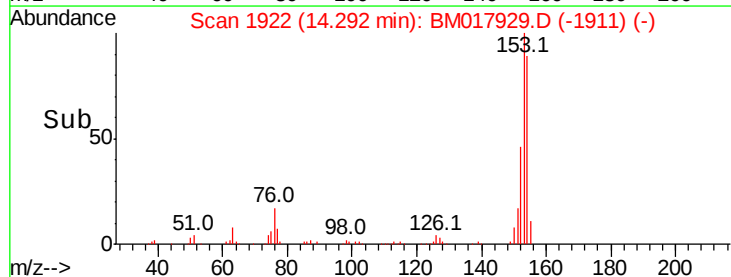
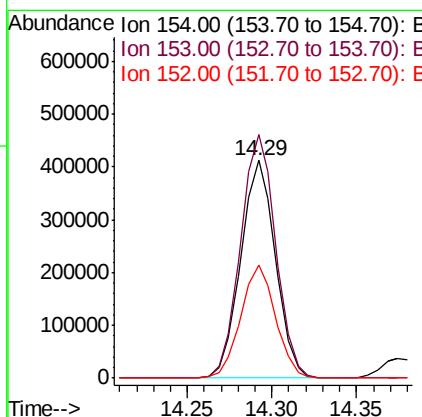
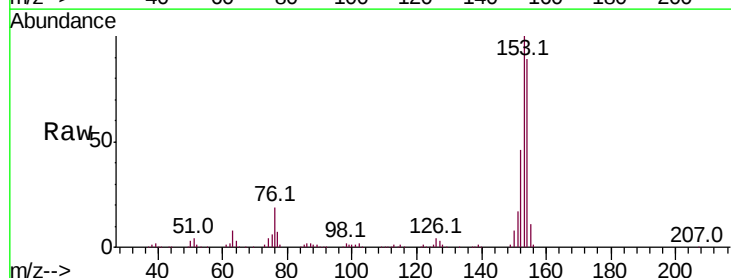
Manual Integrations
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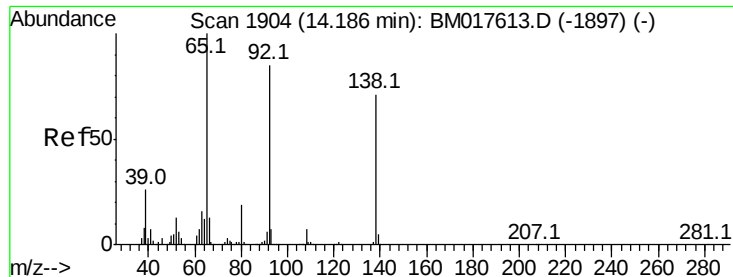
mohammad
12/5/2018 4:50:27 PM



#52
Acenaphthene
Concen: 42.940 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.2	135.4
152	51.8	41.6	62.4





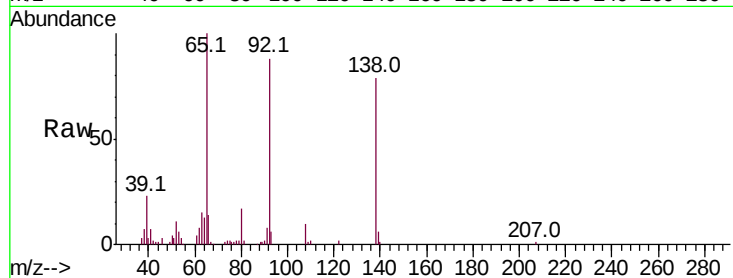
#53
3-Nitroaniline
Concen: 19.589 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	8.2	12.2#
92	111.0	95.4	143.2

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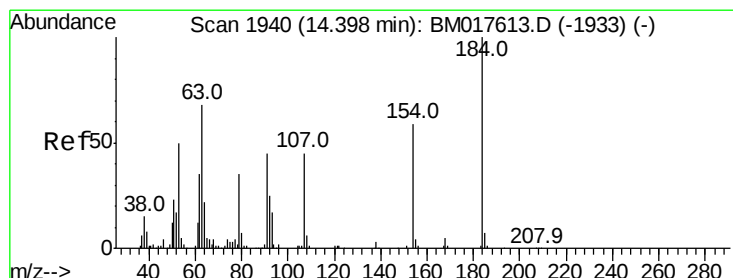
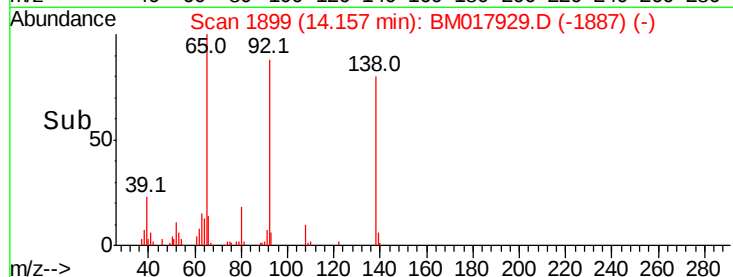
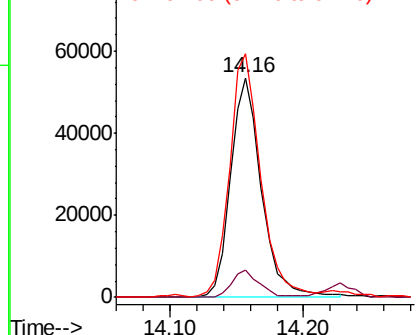


Abundance

Ion 138.00 (137.70 to 138.70): E

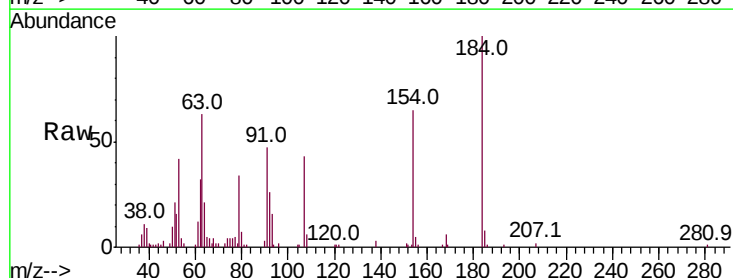
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 43.317 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	55.1	82.7
154	65.3	51.3	76.9

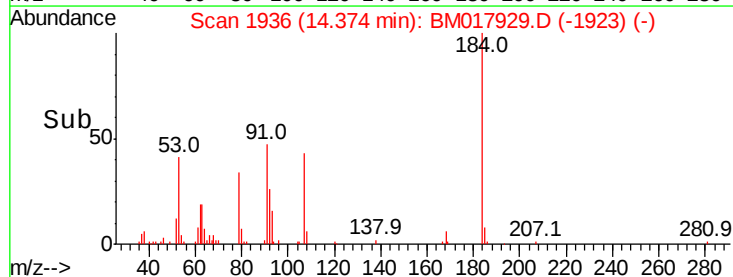
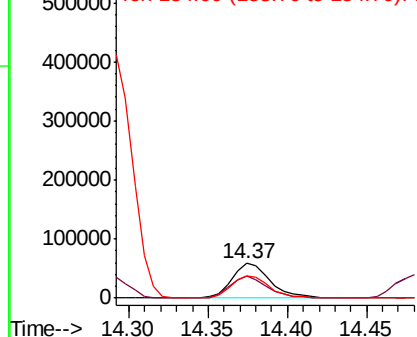


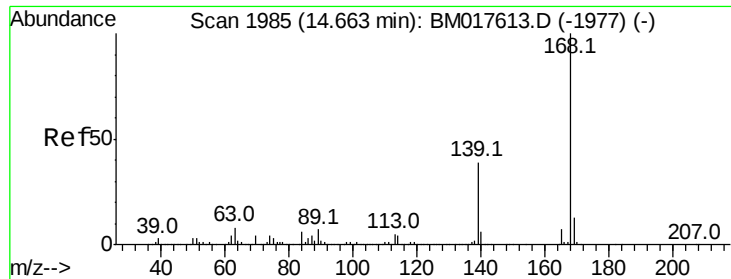
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





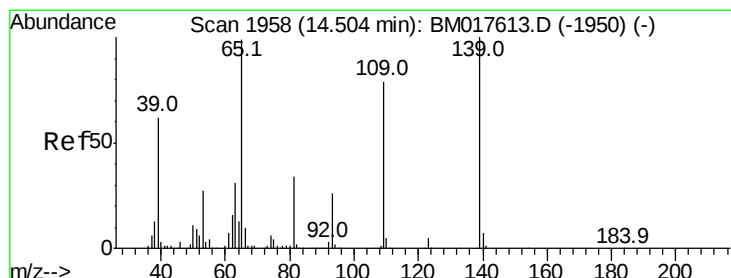
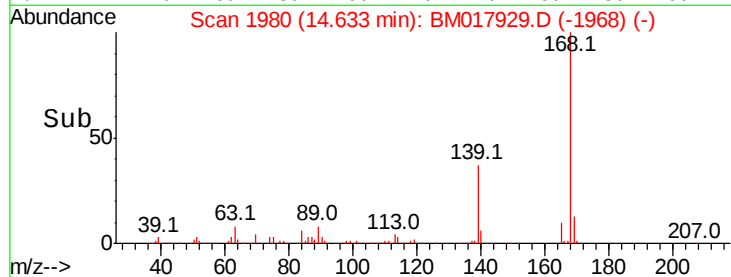
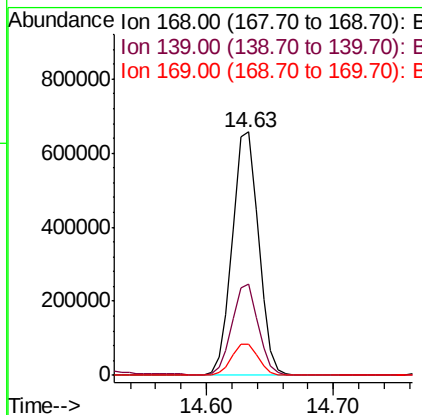
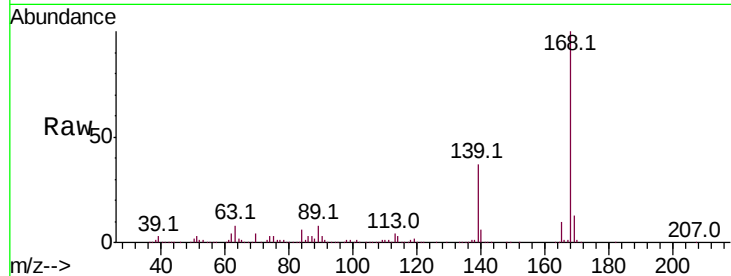
#55
Dibenzofuran
Concen: 41.778 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.0	46.6
169	12.8	10.6	16.0

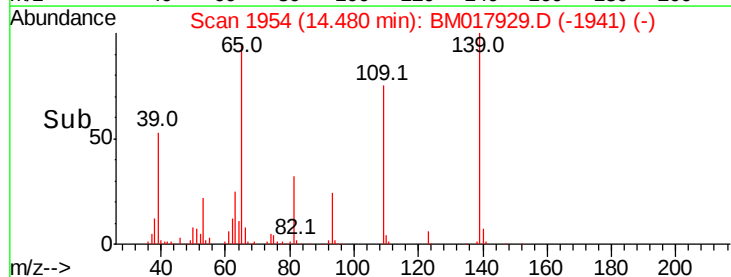
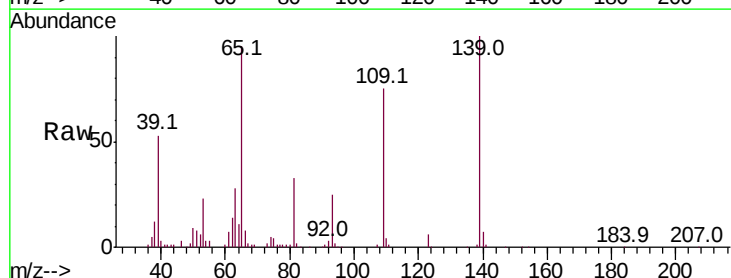
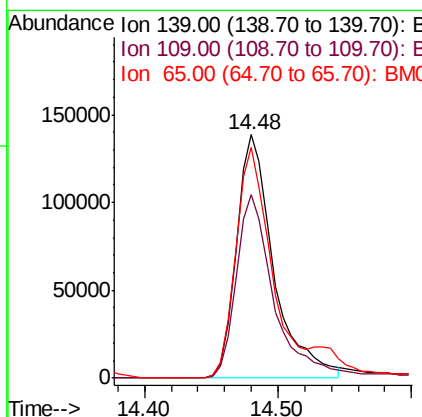
Manual Integrations
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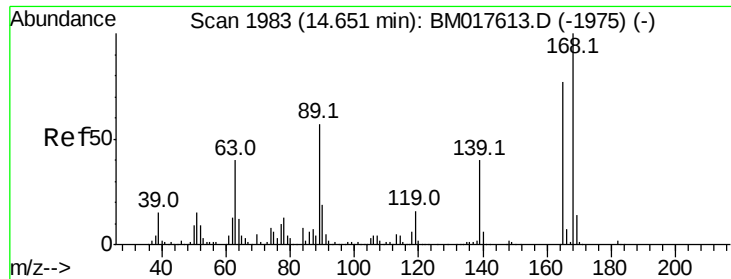
mohammad
12/5/2018 4:50:27 PM



#56
4-Nitrophenol
Concen: 72.376 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.2	58.6	98.6
65	94.7	79.5	119.5





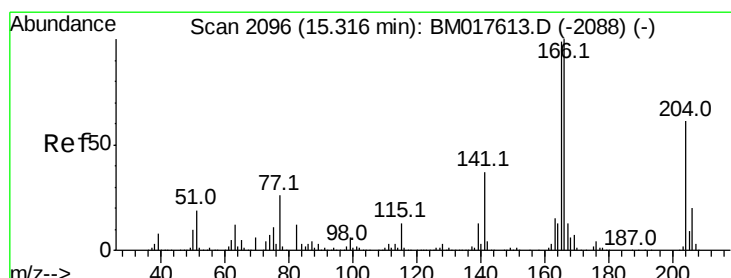
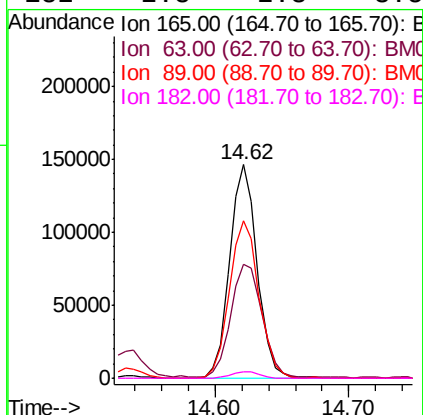
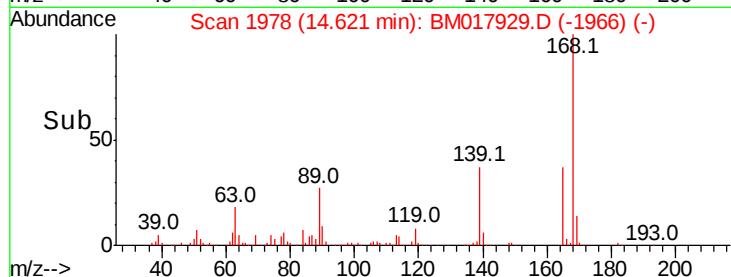
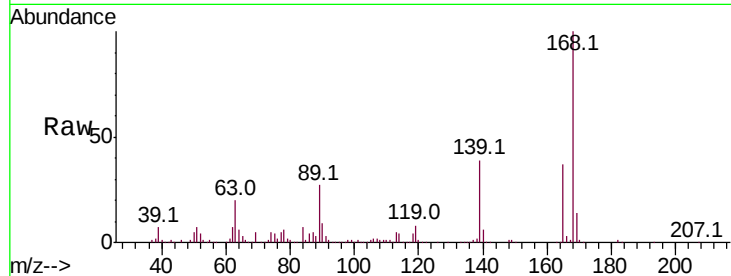
#57
2,4-Dinitrotoluene
Concen: 38.415 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.6	41.8	62.8
89	73.9	59.5	89.3
182	2.8	2.3	3.5

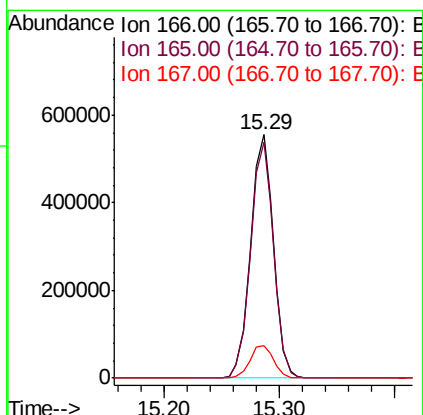
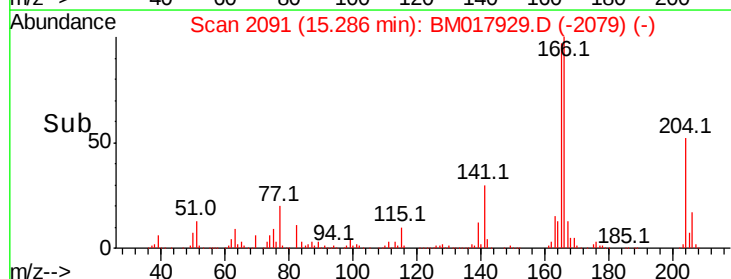
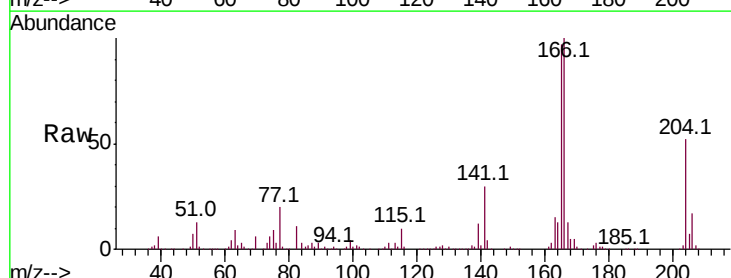
Manual Integrations
APPROVED

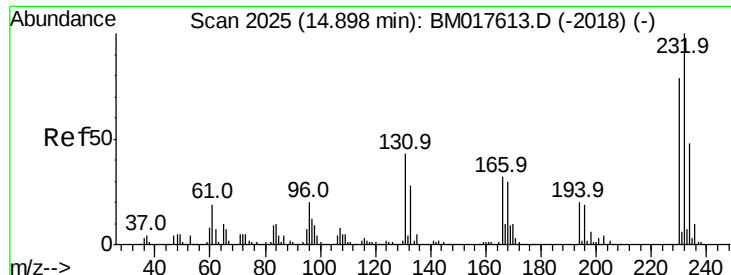
mohammad
12/5/2018 4:50:27 PM



#58
Fluorene
Concen: 44.141 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.0	79.0	118.6
167	13.3	10.8	16.2





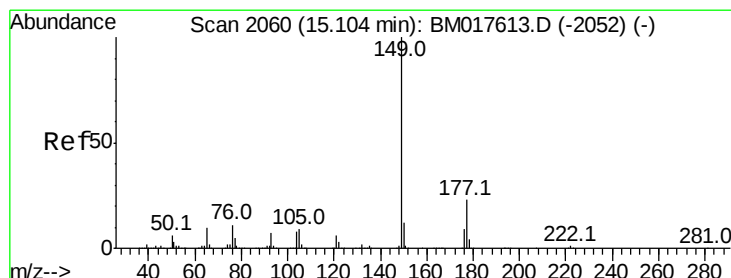
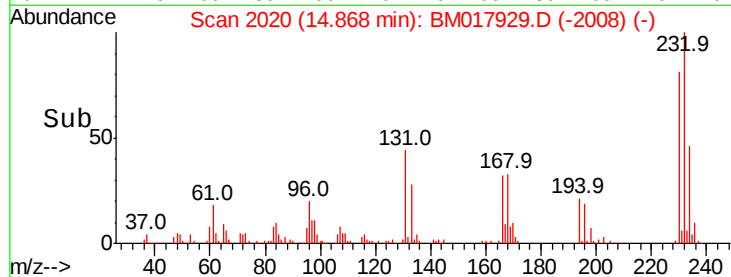
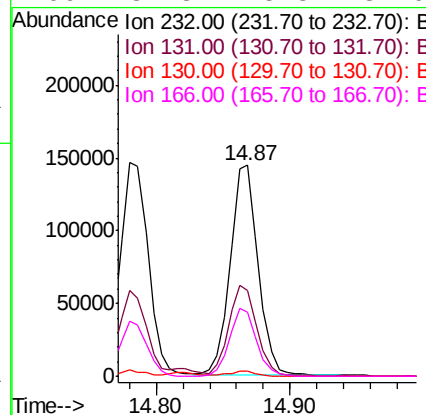
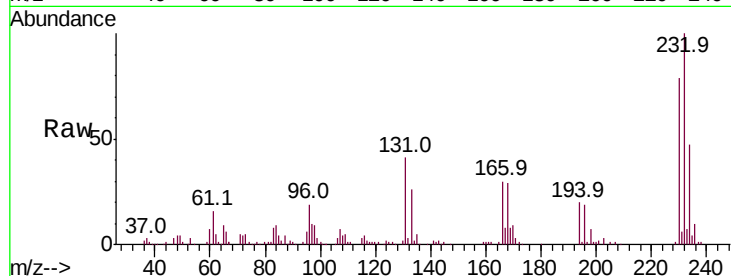
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.821 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	210934		
131	42.9		34.8	52.2
130	2.3		1.9	2.9
166	31.3		25.3	37.9

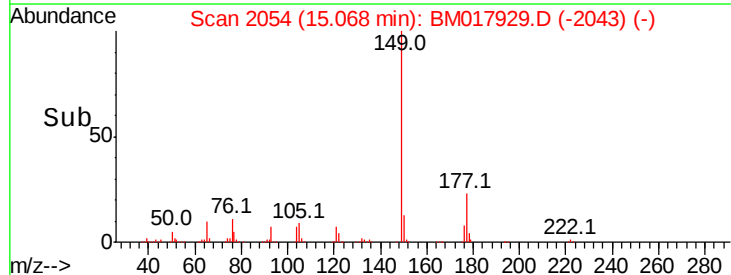
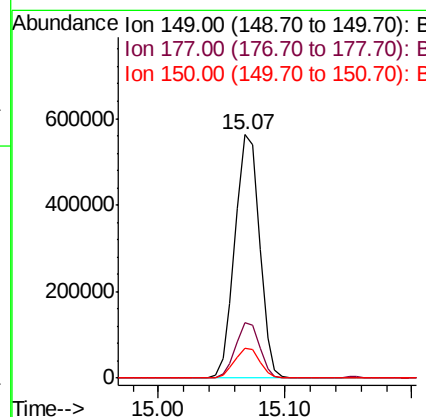
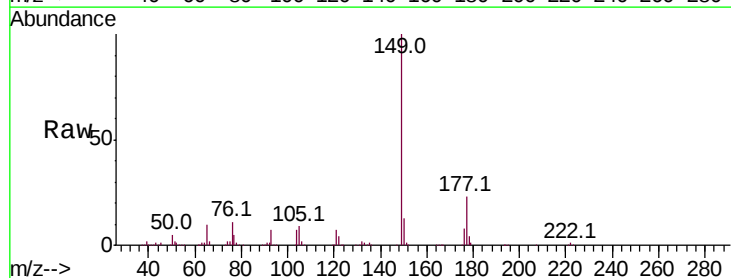
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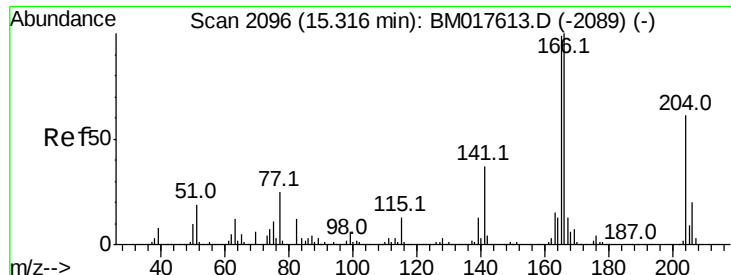
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#60
 Diethylphthalate
 Concen: 38.343 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	755860		
177	22.6		18.1	27.1
150	12.5		9.9	14.9





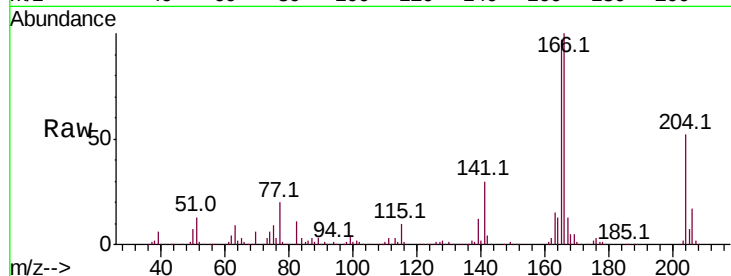
#61
 4-Chlorophenyl-phenylether
 Concen: 39.044 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

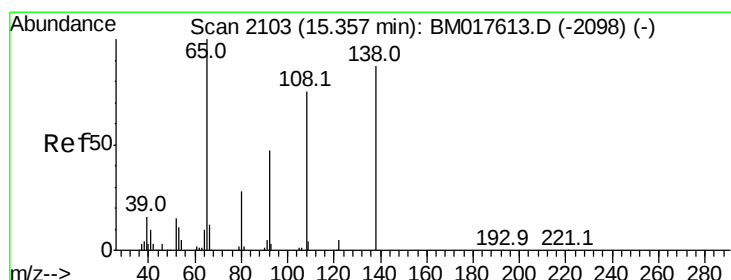
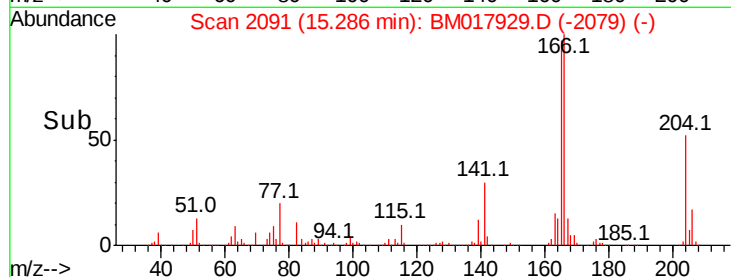
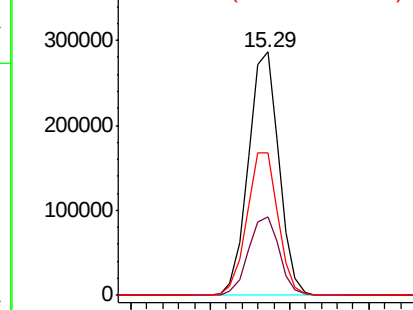
Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.1	25.9	38.9
141	58.3	47.9	71.9

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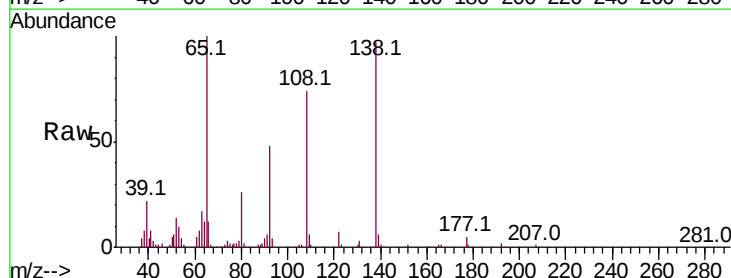


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

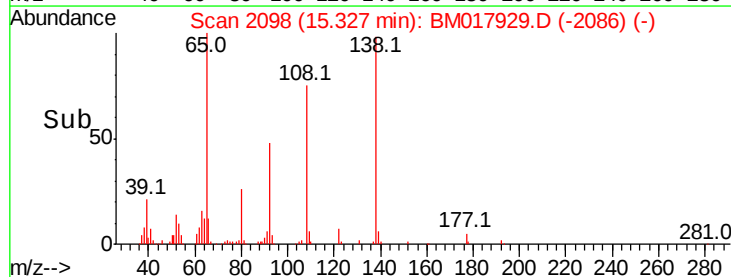
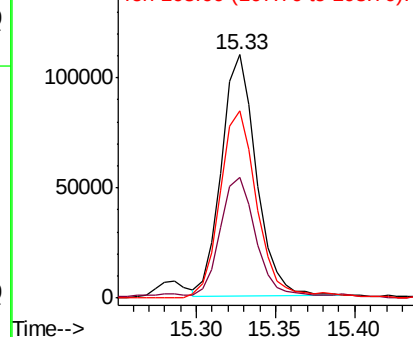


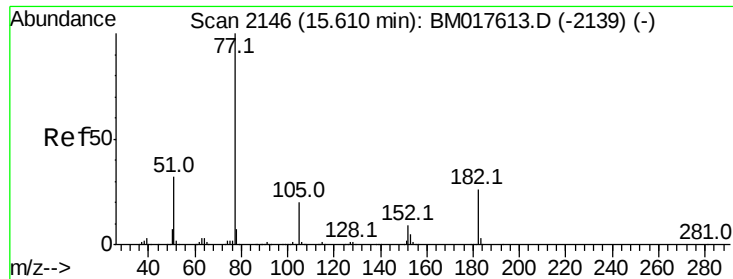
#62
 4-Nitroaniline
 Concen: 40.215 ng
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	49.8	33.4	73.4
108	76.9	64.3	104.3



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





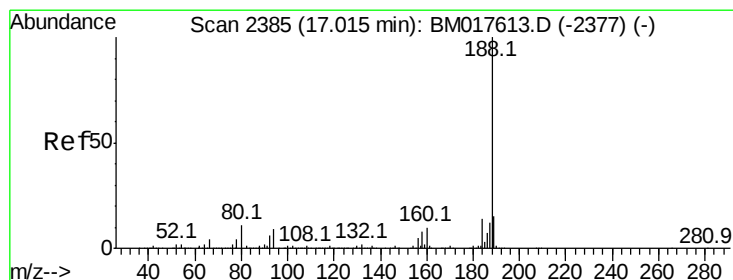
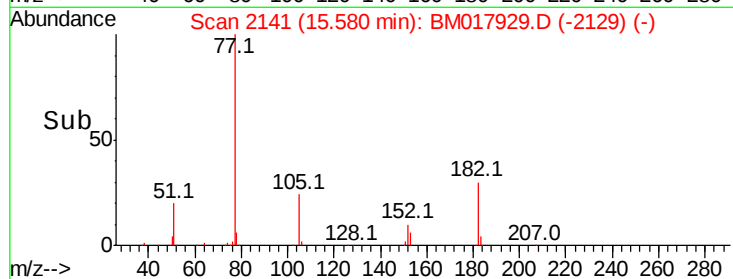
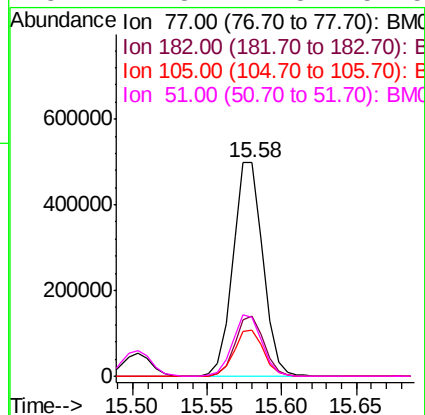
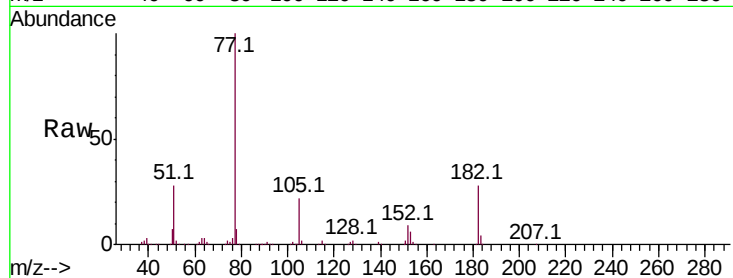
#63
Azobenzene
Concen: 38.235 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.9	5.8	45.8	
105	21.8	0.0	40.0	
51	27.8	12.5	52.5	

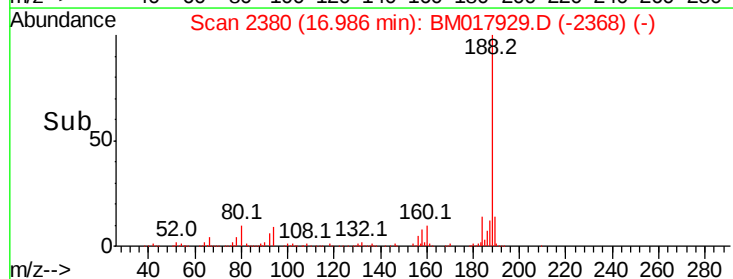
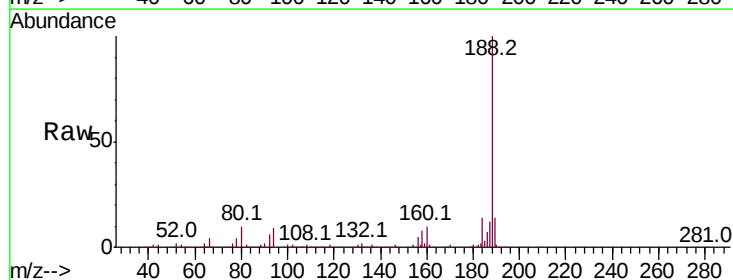
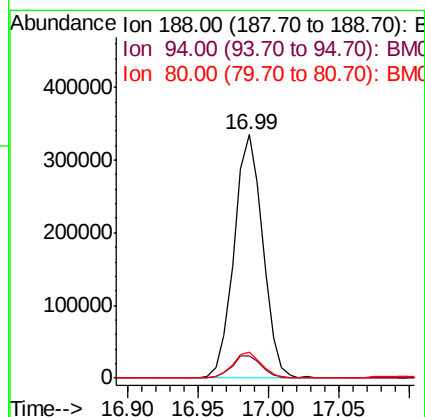
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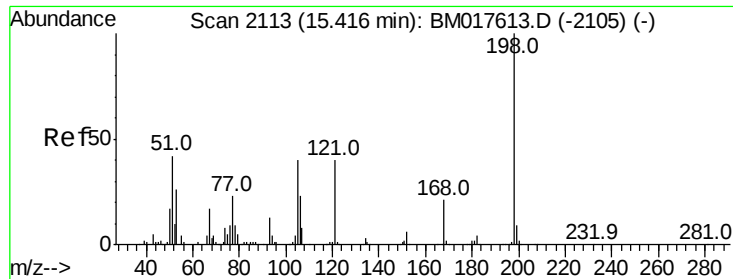
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.5	11.3	
80	10.4	8.6	13.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 21.281 ng

RT: 15.39 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

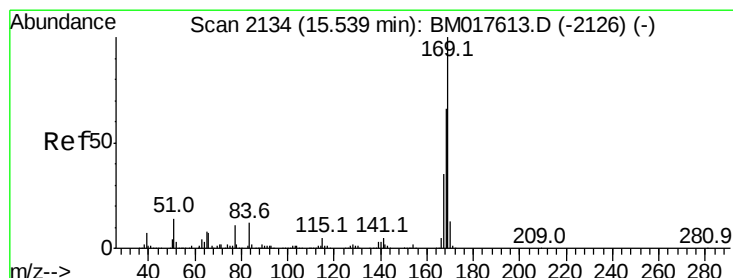
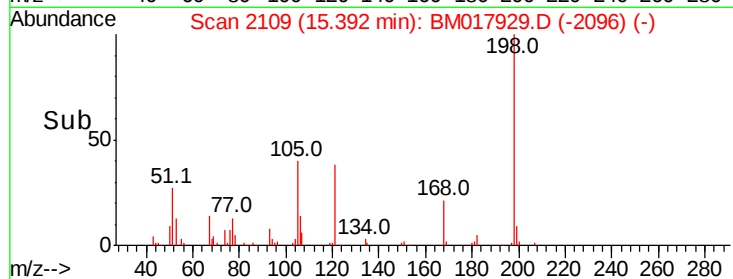
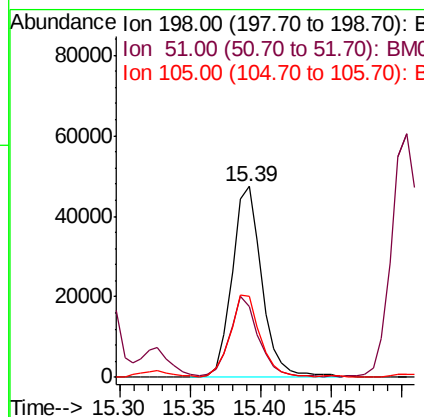
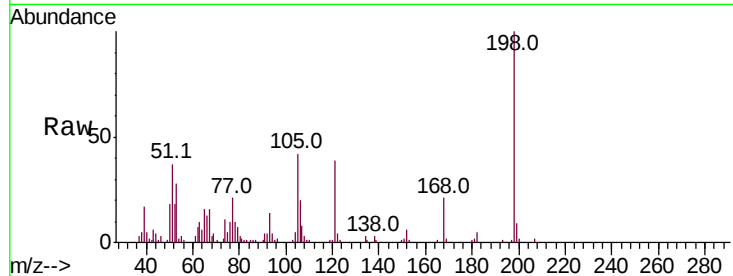
ClientSampleId :

PB115307BSD

Tot Ion:198	Resp:	69885
Ion Ratio	Lower	Upper
198 100		
51 37.2	25.9	65.9
105 42.4	20.6	60.6

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#66

n-Nitrosodiphenylamine

Concen: 43.370 ng

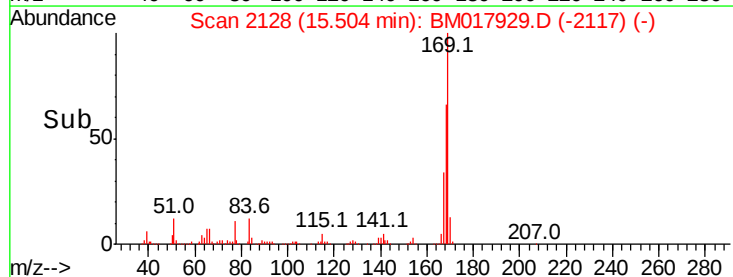
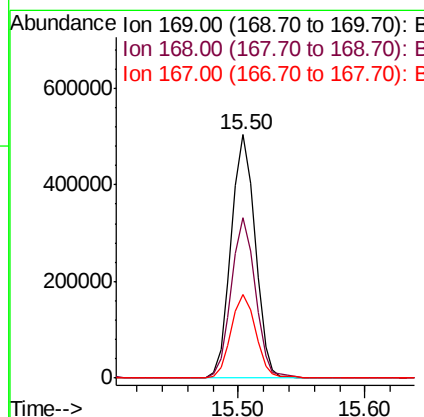
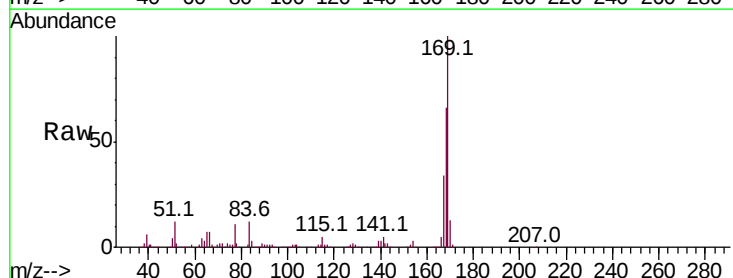
RT: 15.50 min Scan# 2128

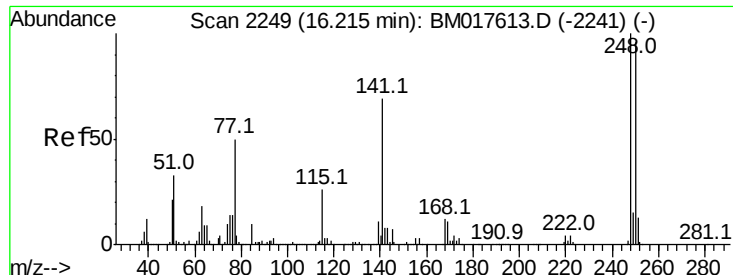
Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:169	Resp:	660985
Ion Ratio	Lower	Upper
169 100		
168 65.7	53.0	79.6
167 34.1	28.0	42.0





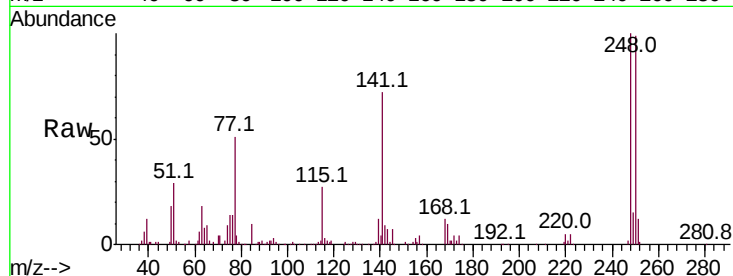
#67
4-Bromophenyl-phenylether
Concen: 42.213 ng
RT: 16.18 min Scan# 2243
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleID :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.5	114.7
141	71.7	54.9	82.3

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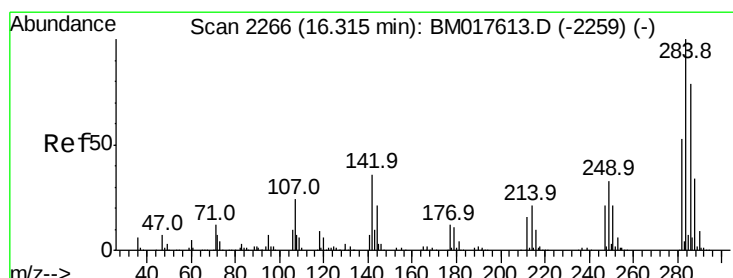
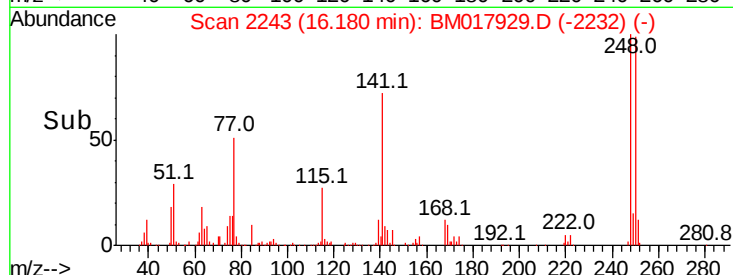
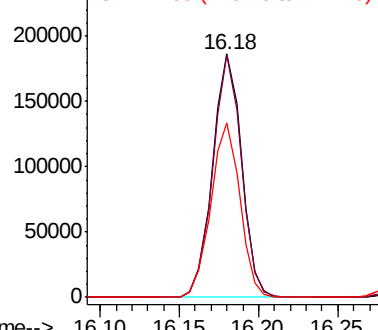


Abundance

Ion 248.00 (247.70 to 248.70): E

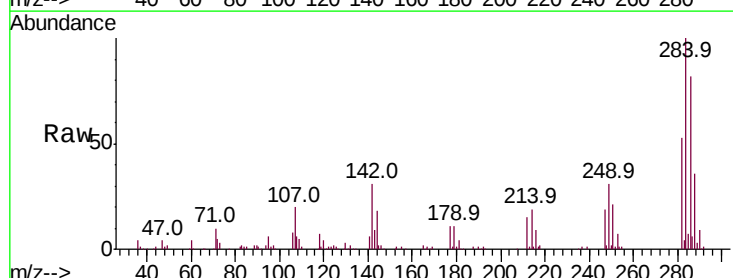
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.379 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	28.4	42.6
249	31.5	26.4	39.6

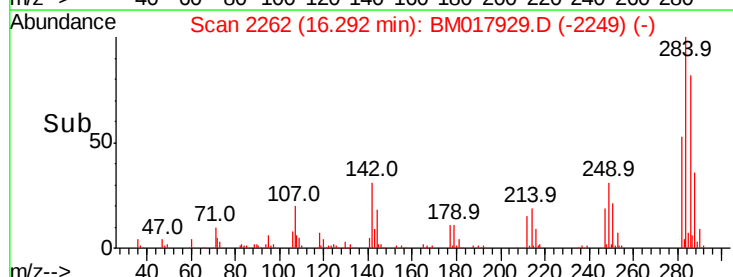
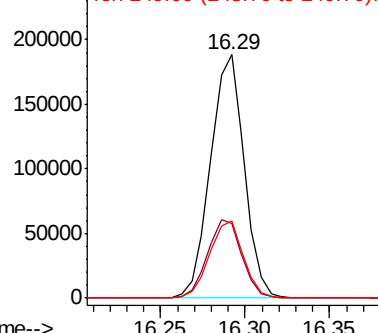


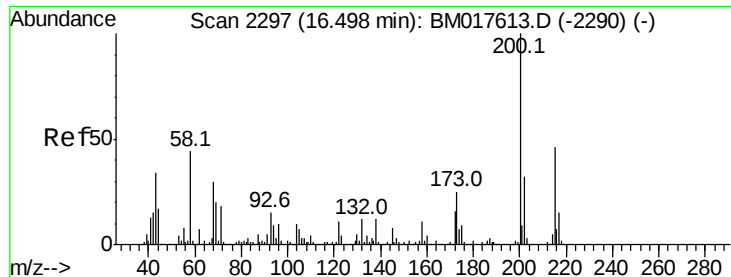
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





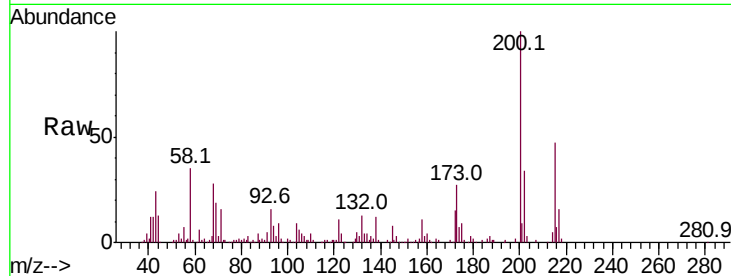
#69
Atrazine
Concen: 40.270 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	5.1	45.1
215	46.6	25.8	65.8

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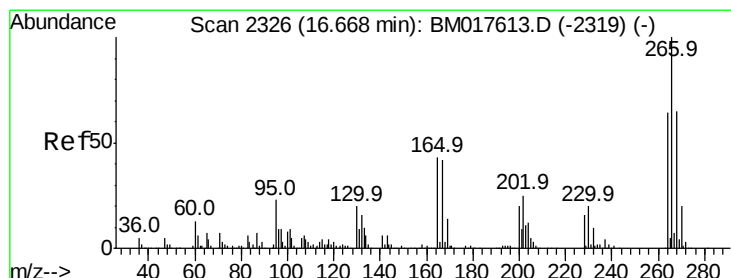
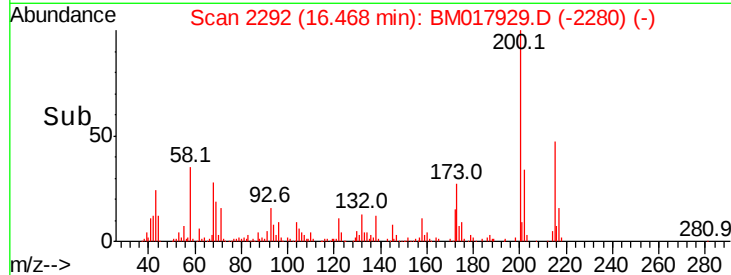
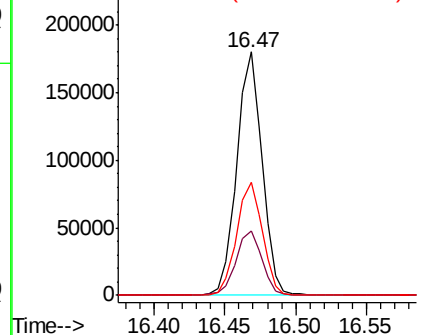


Abundance

Ion 200.00 (199.70 to 200.70): E

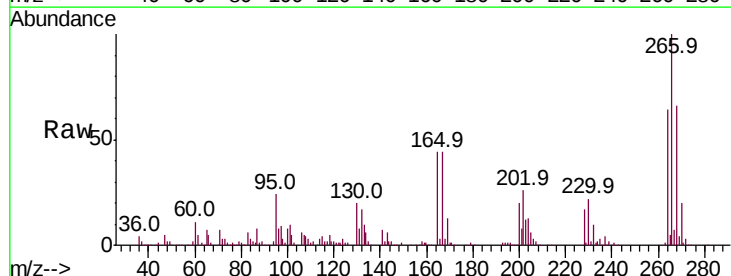
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 72.428 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.9	51.7	77.5
264	64.4	51.3	76.9

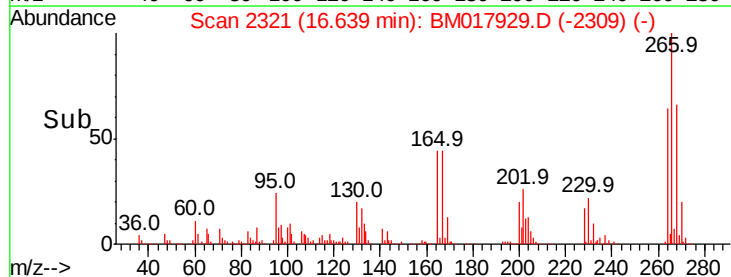
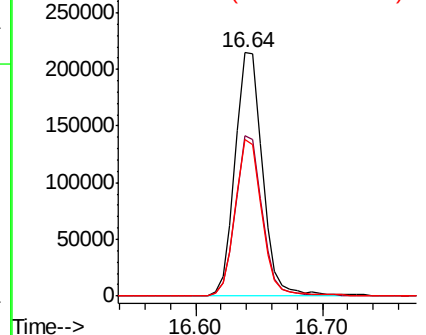


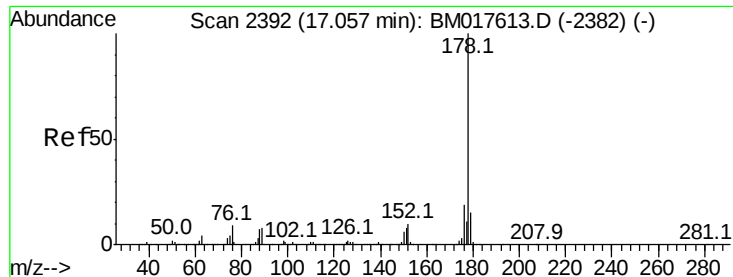
Abundance

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





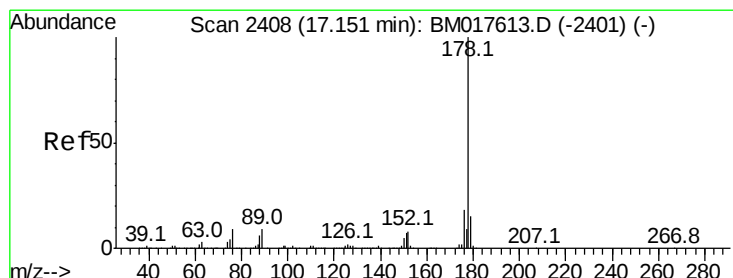
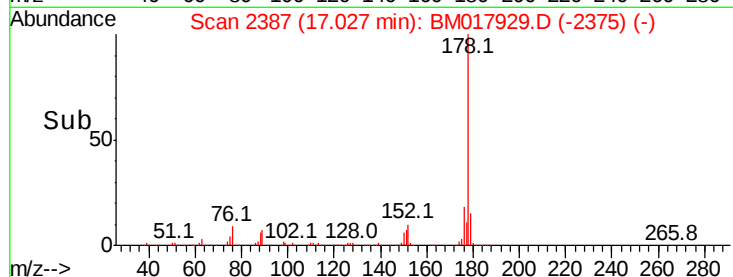
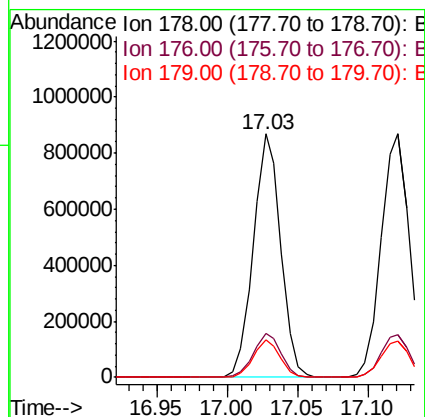
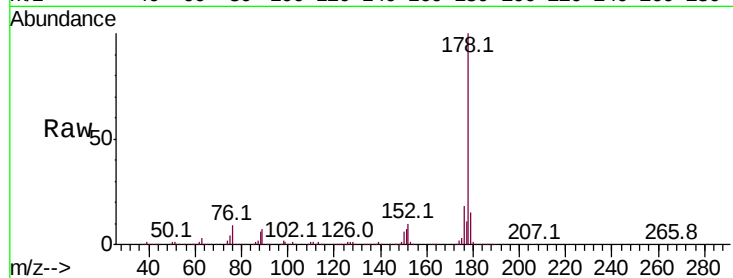
#71
Phenanthrene
Concen: 45.981 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.4	12.4	18.6

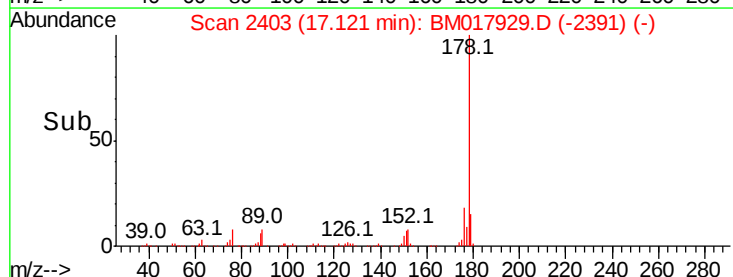
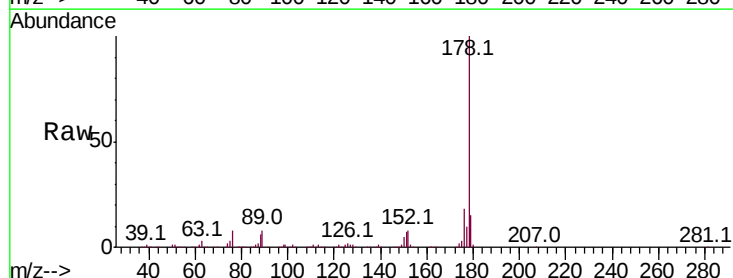
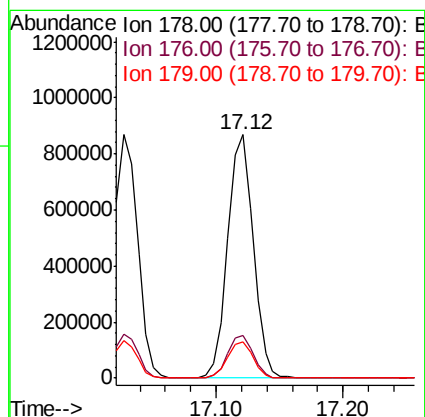
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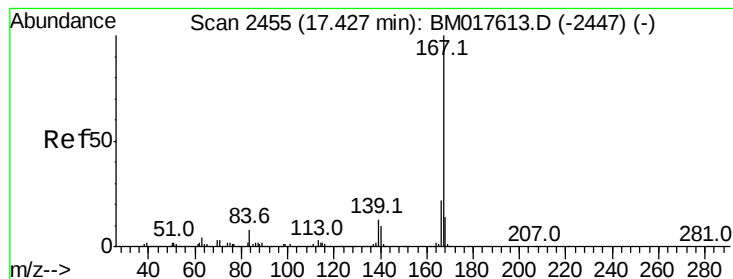
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#72
Anthracene
Concen: 48.275 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.5	21.7
179	14.9	12.3	18.5





#73

Carbazole

Concen: 43.024 ng

RT: 17.40 min Scan# 2450

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

PB115307BSD

Tot Ion:167 Resp: 1088174

Ion Ratio Lower Upper

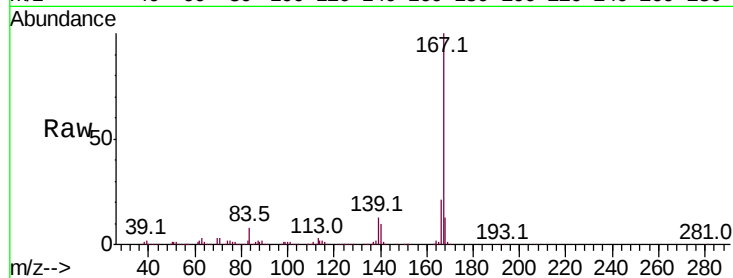
167 100

166 21.0 17.2 25.8

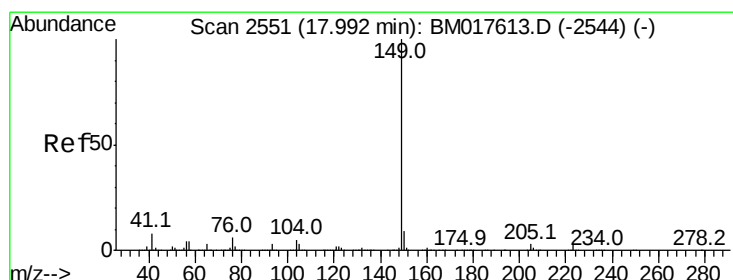
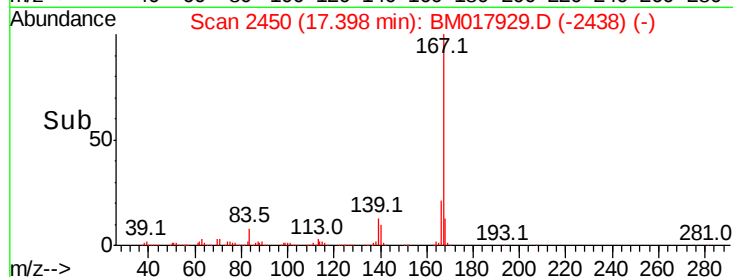
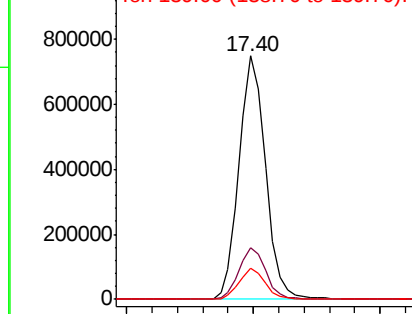
139 12.6 10.2 15.4

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



#74

Di-n-butylphthalate

Concen: 45.392 ng

RT: 17.96 min Scan# 2546

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

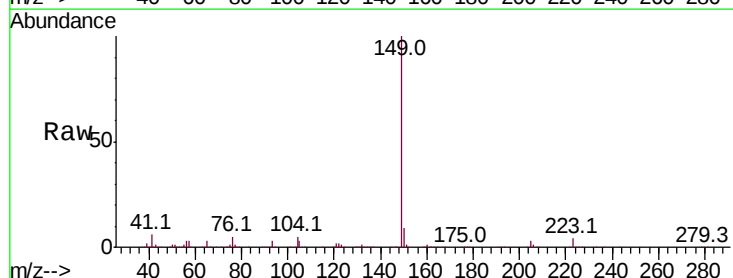
Tgt Ion:149 Resp: 1278013

Ion Ratio Lower Upper

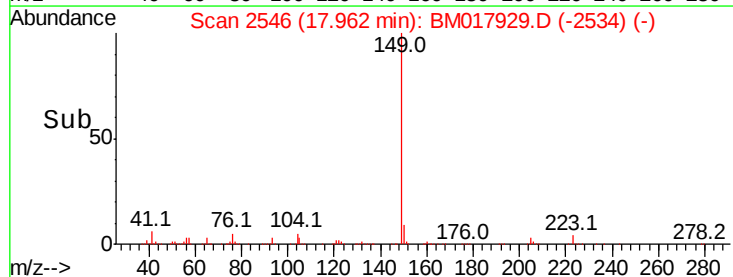
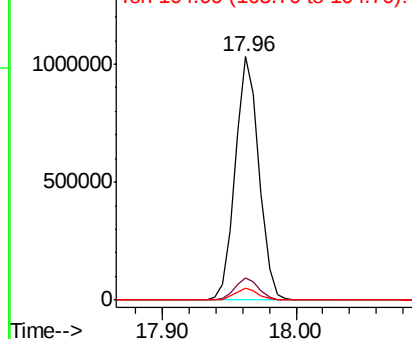
149 100

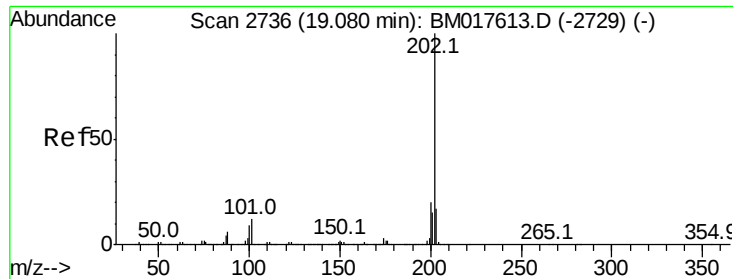
150 8.9 7.4 11.2

104 4.9 4.3 6.5



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





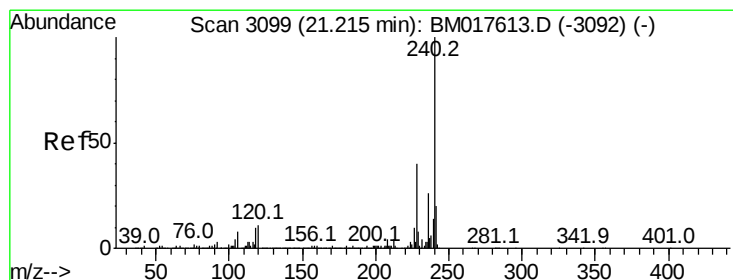
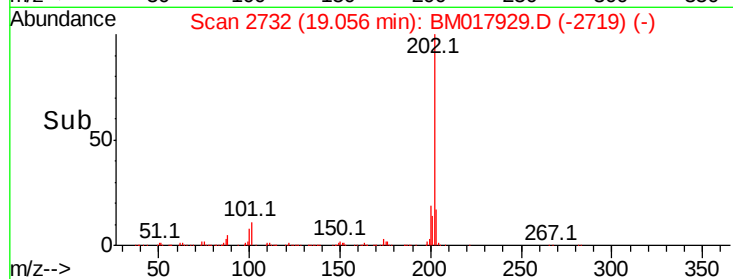
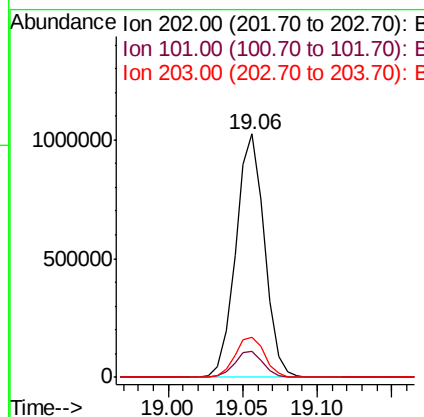
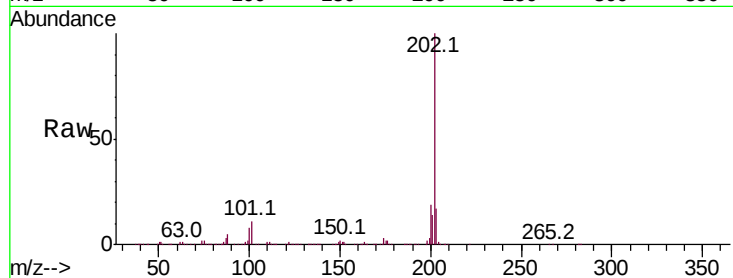
#75
 Fluoranthene
 Concen: 47.155 ng
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.02 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	16.7	0.0	37.2

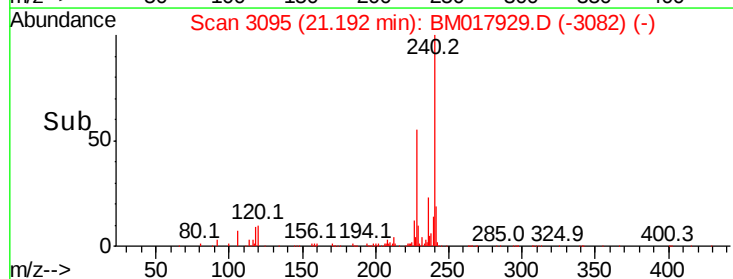
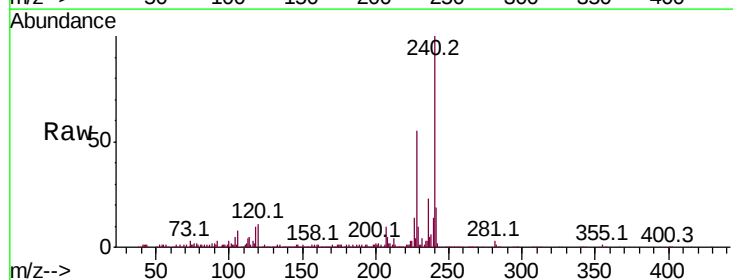
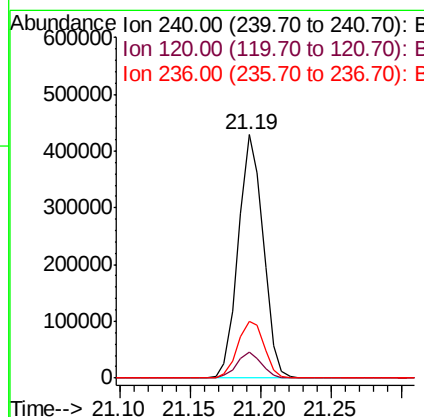
Manual Integrations
 APPROVED

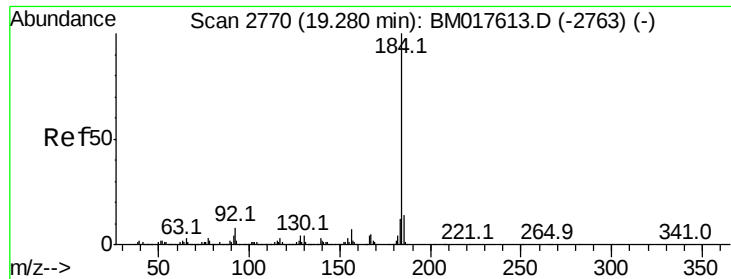
mohammad
 12/5/2018 4:50:27 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.5	12.7
236	23.4	20.4	30.6





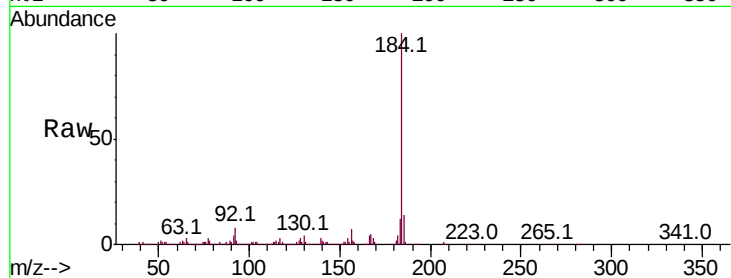
#77
Benzidine
Concen: 71.675 ng
RT: 19.26 min Scan# 2767
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.2	16.8
183	11.8	9.5	14.3

Manual Integrations
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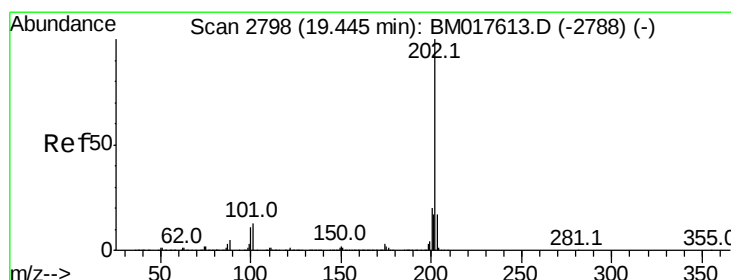
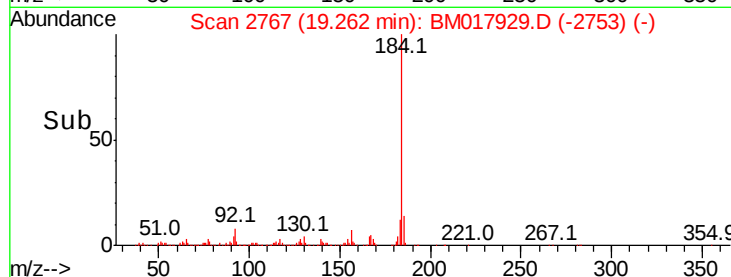
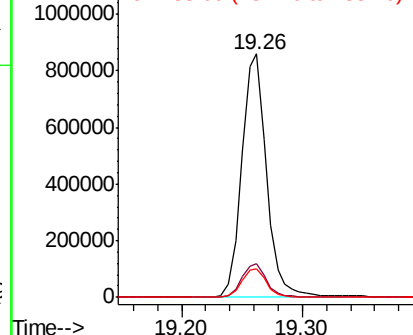


Abundance

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: 43.356 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

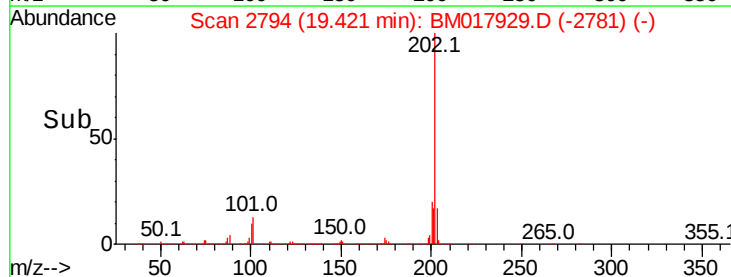
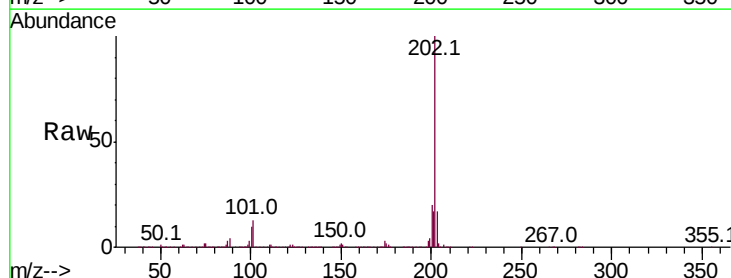
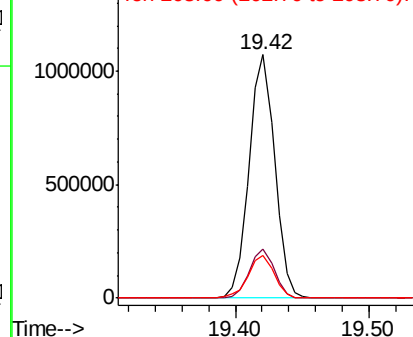
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.4	13.8	20.8

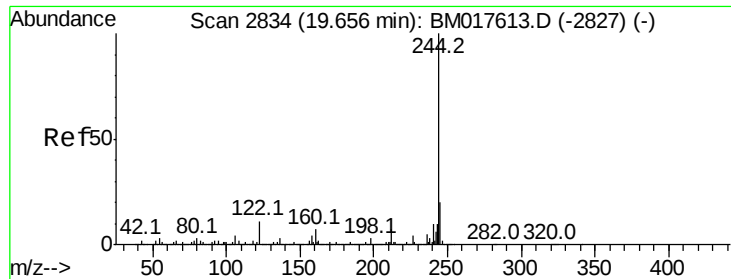
Abundance

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





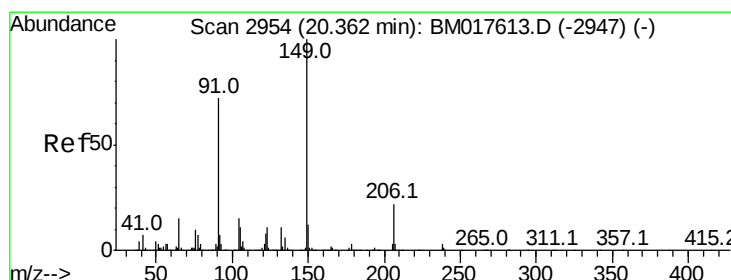
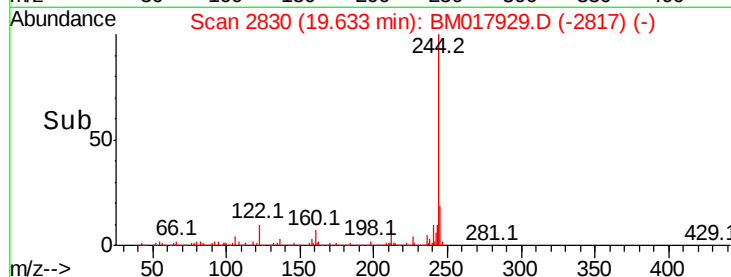
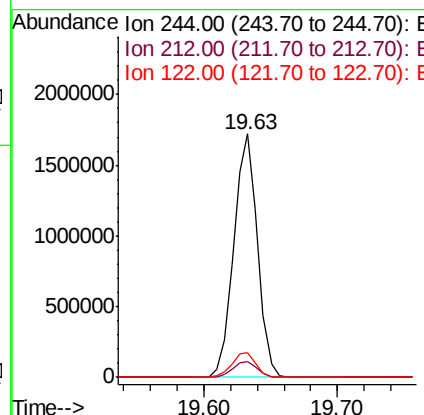
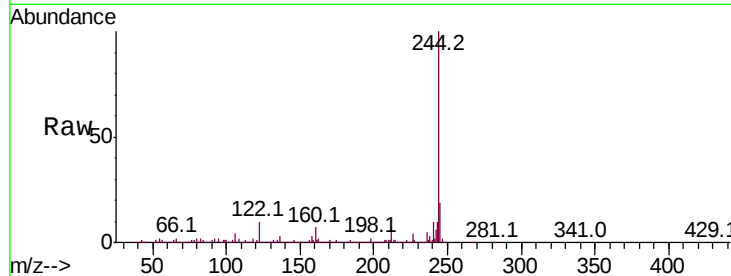
#79
 Terphenyl-d14
 Concen: 91.293 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.2	9.0	13.6

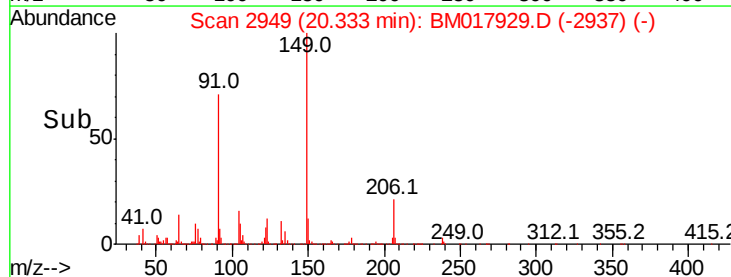
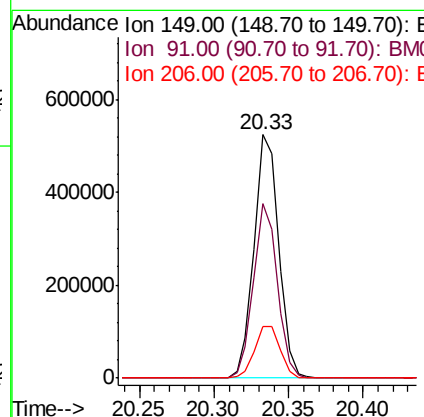
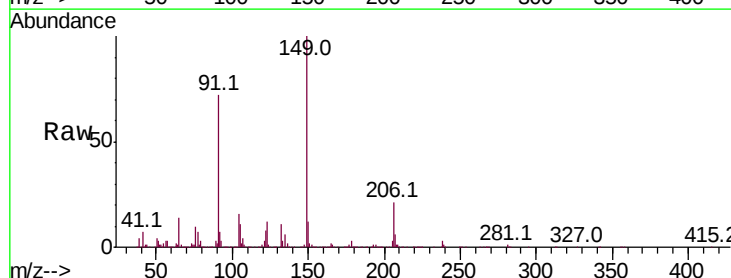
Manual Integrations
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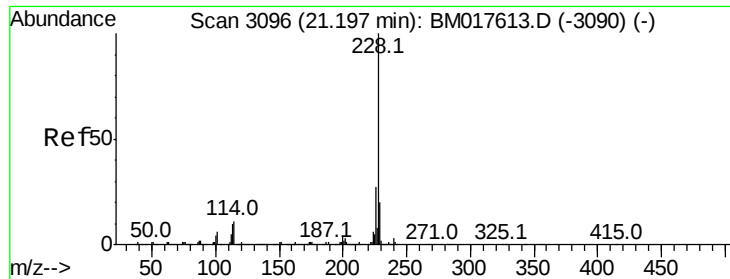
mohammad
 12/5/2018 4:50:27 PM



#80
 Butylbenzylphthalate
 Concen: 44.930 ng
 RT: 20.33 min Scan# 2949
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.6	86.4
206	21.2	17.4	26.0





#81

Benzo(a)anthracene

Concen: 45.843 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

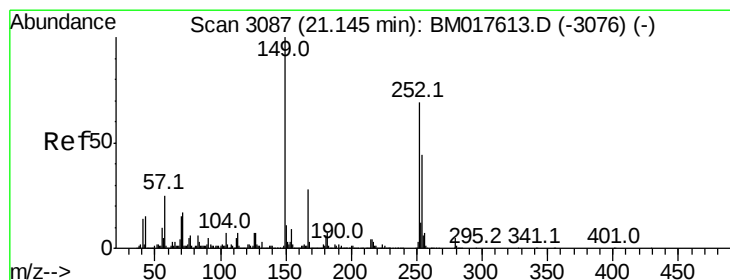
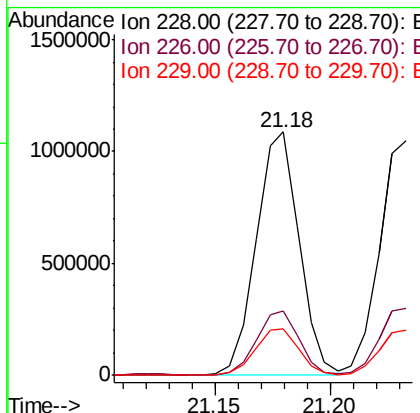
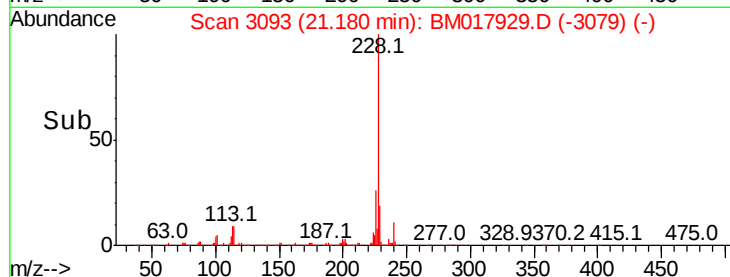
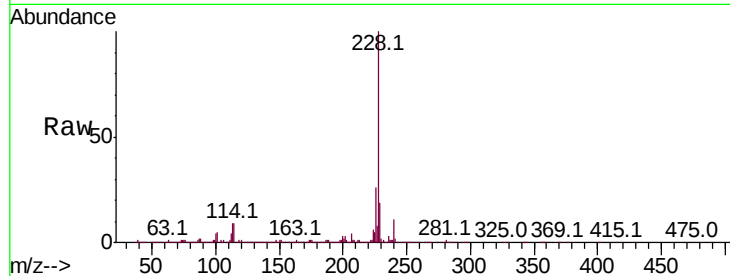
ClientSampleId :

PB115307BSD

Tot Ion:	228	Resp:	1397660
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.3	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 44.973 ng

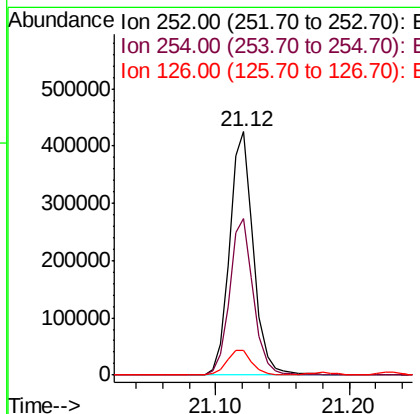
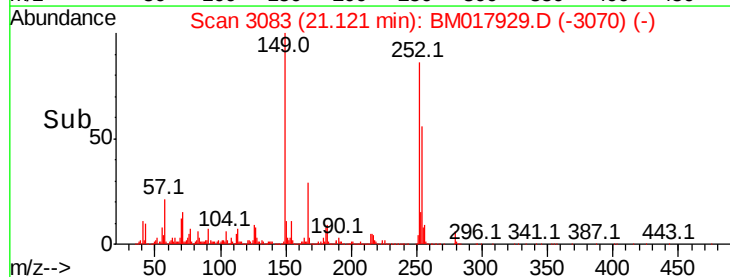
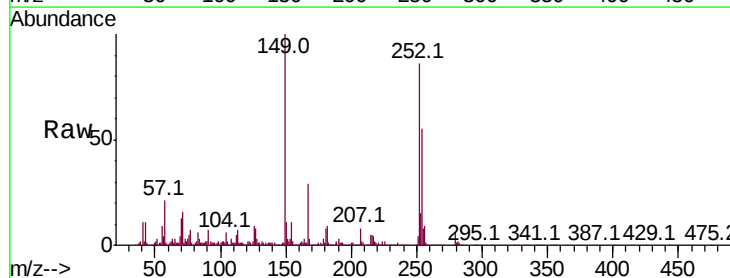
RT: 21.12 min Scan# 3083

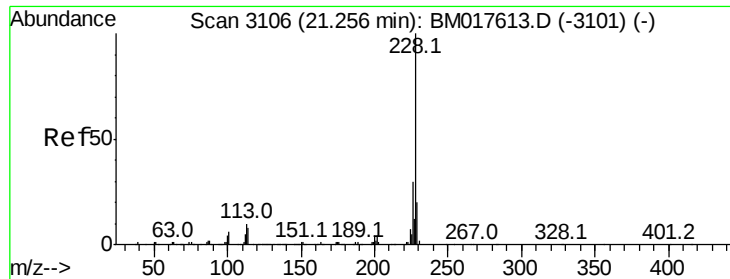
Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:	252	Resp:	529178
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	10.1	8.0	12.0





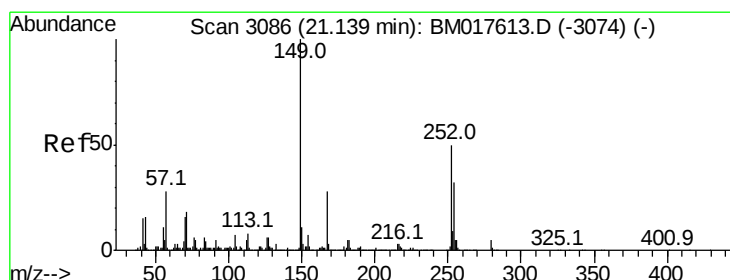
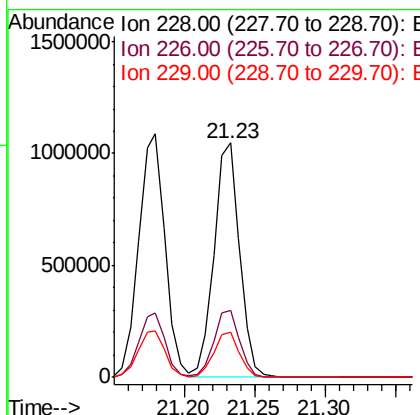
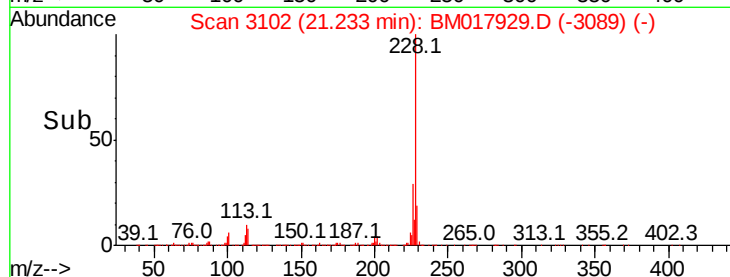
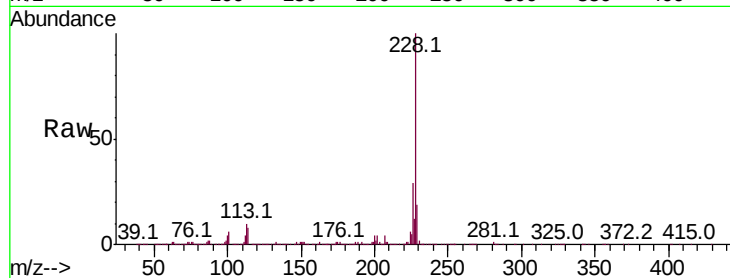
#83
 Chrvsene
 Concen: 44.201 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	19.3	15.8	23.6

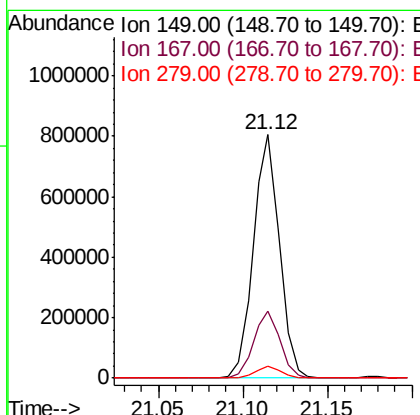
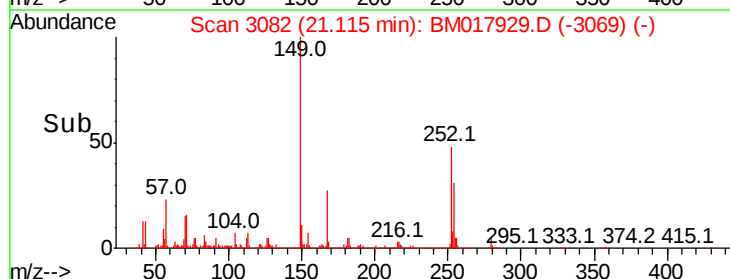
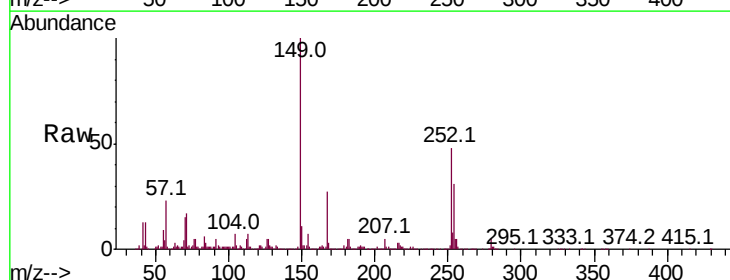
Manual Integrations
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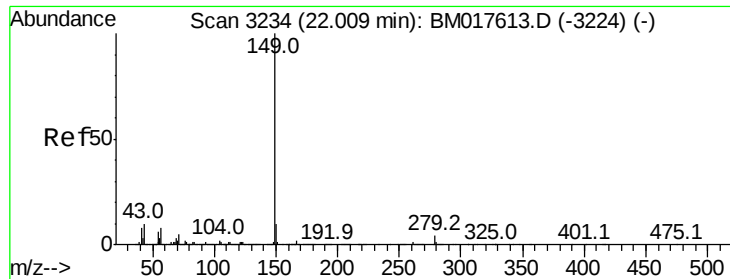
mohammad
 12/5/2018 4:50:27 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.926 ng
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	5.1	3.7	5.5





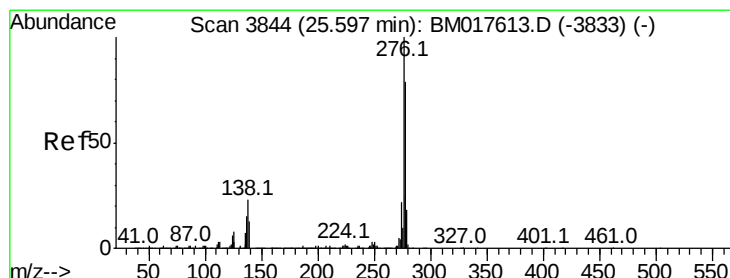
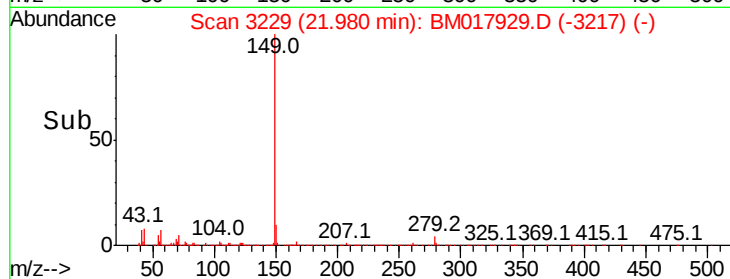
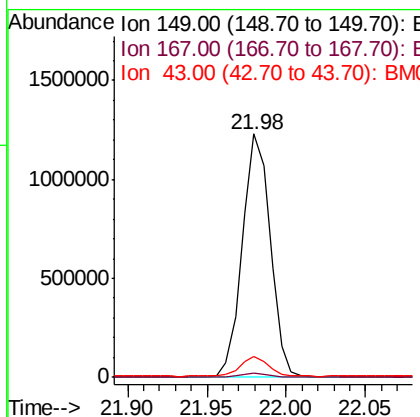
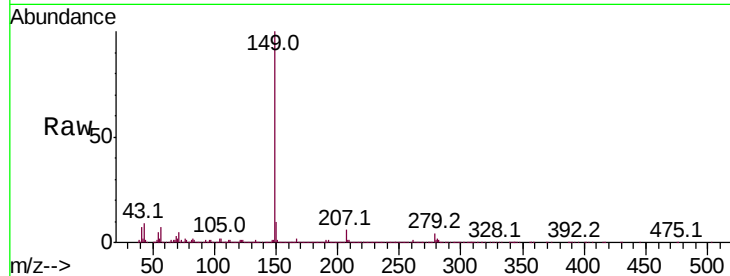
#85
Di-n-octyl phthalate
Concen: 47.778 ng
RT: 21.98 min Scan# 3229
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	8.3	12.5#

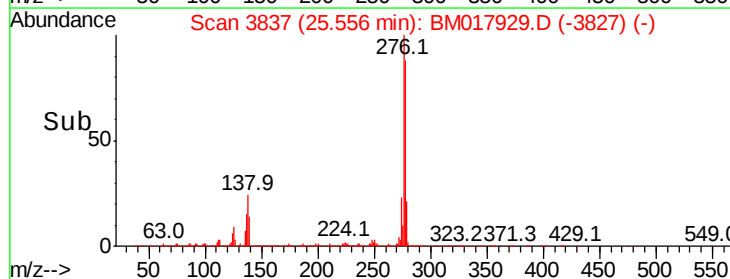
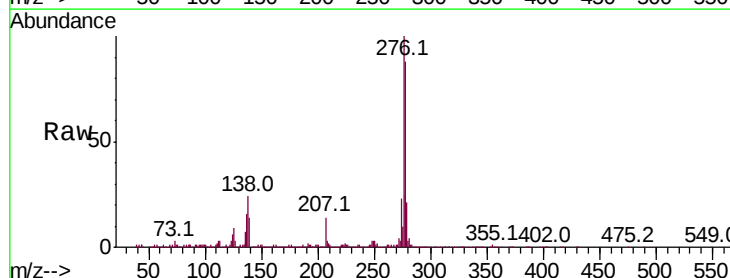
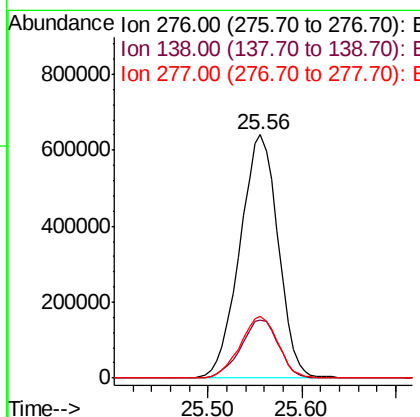
Manual Integrations
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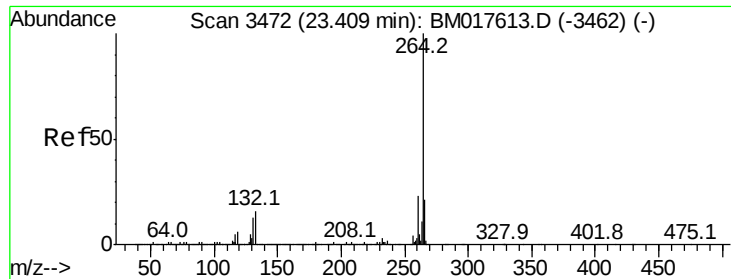
mohammad
12/5/2018 4:50:27 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 76.294 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.1	28.7
277	25.1	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: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

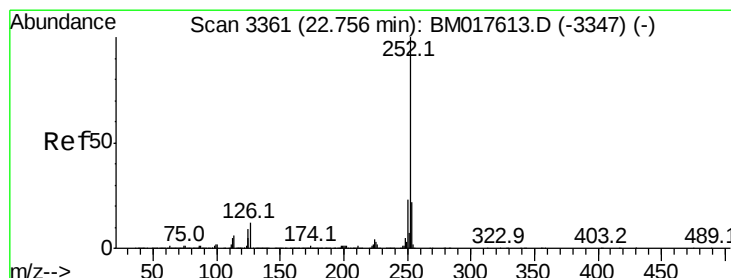
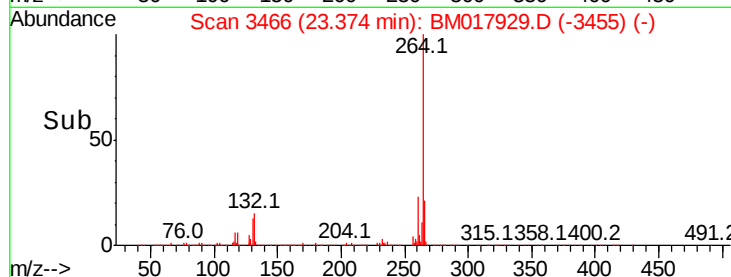
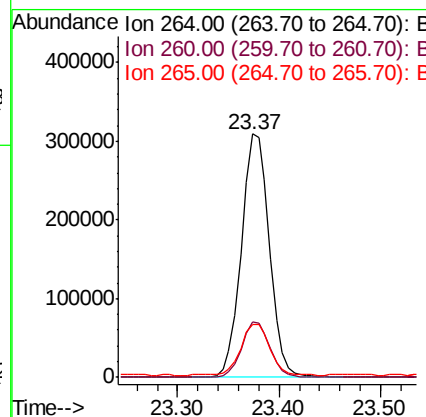
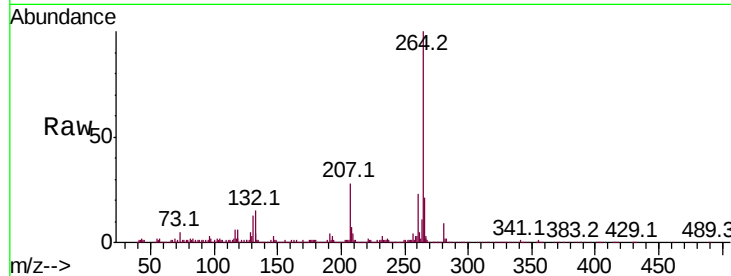
ClientSampleId :

PB115307BSD

Tot Ion:	264	Resp:	592914
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.2	27.2
265	21.5	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.821 ng

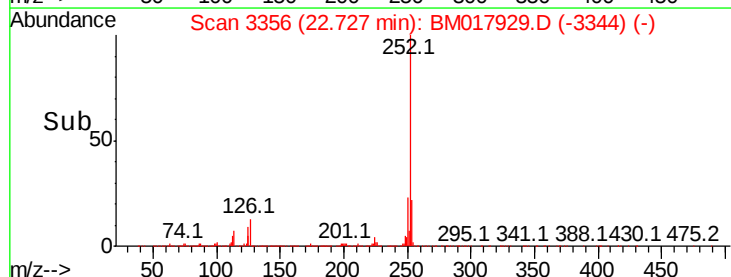
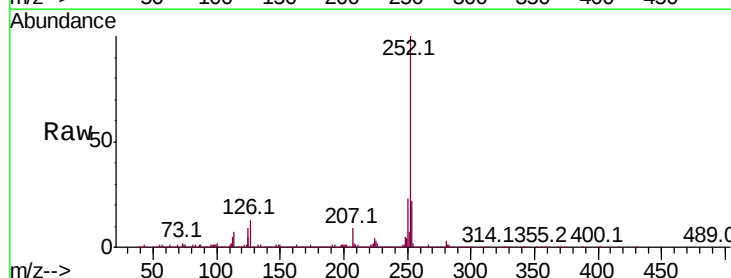
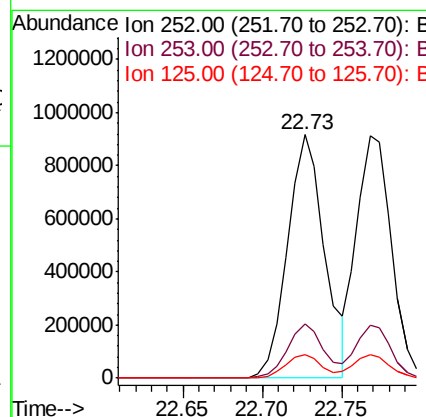
RT: 22.73 min Scan# 3356

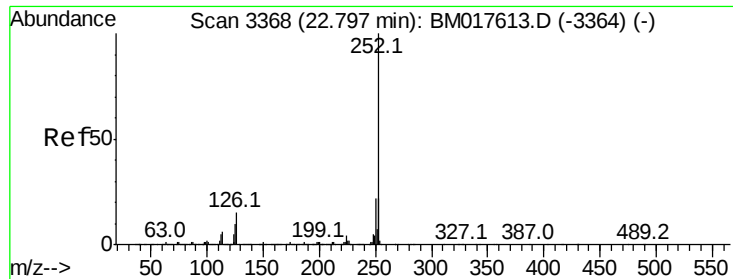
Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:	252	Resp:	1486879
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.3	25.9
125	9.4	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 39.763 ng

RT: 22.77 min Scan# 3363

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

PB115307BSD

Tot Ion:252 Resp: 1395526

Ion Ratio Lower Upper

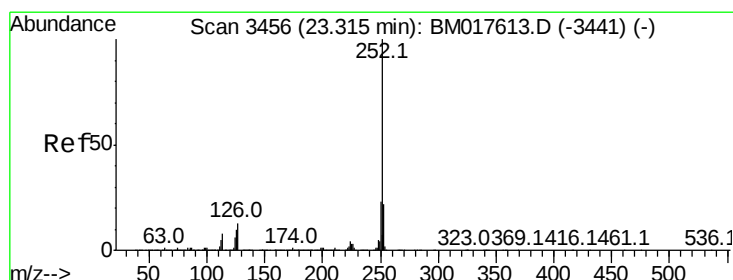
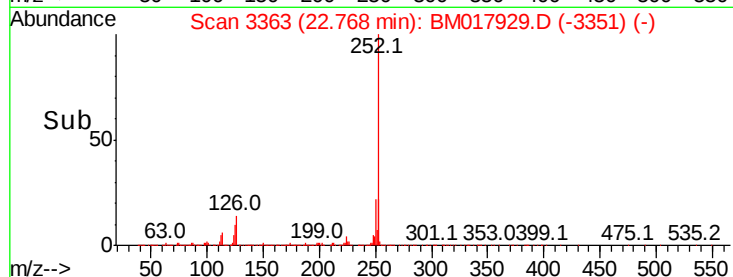
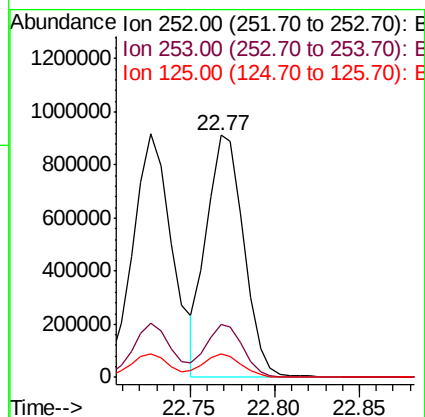
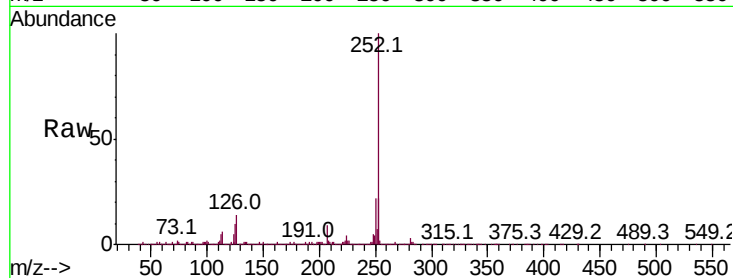
252 100

253 22.0 17.7 26.5

125 9.8 7.9 11.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 45.842 ng

RT: 23.29 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

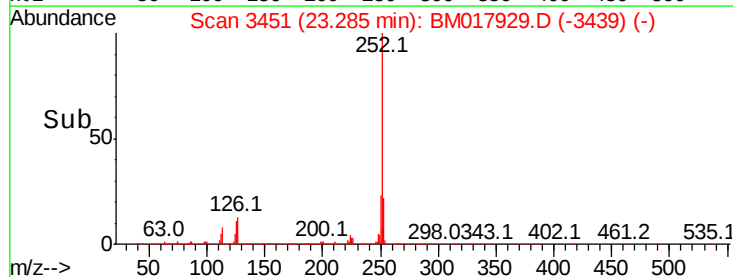
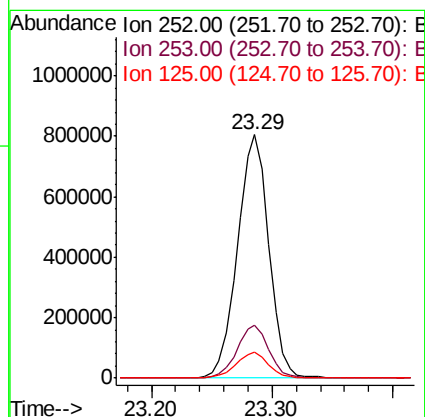
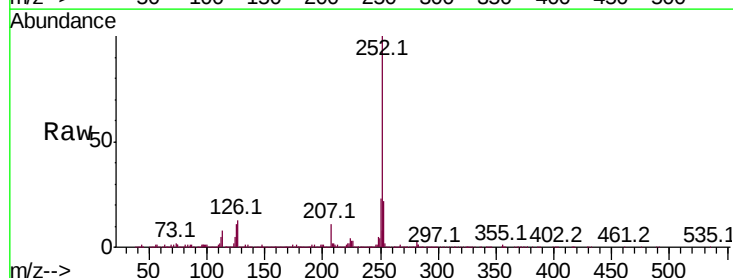
Tgt Ion:252 Resp: 1451365

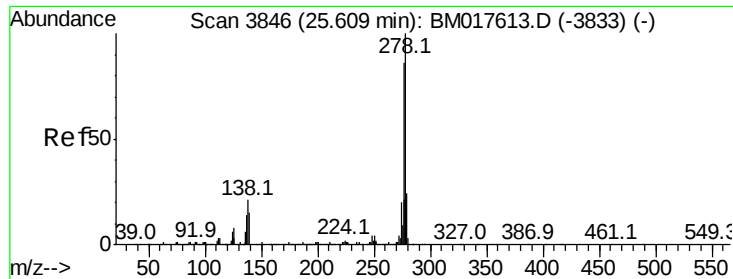
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 57.389 ng

RT: 25.56 min Scan# 3838

Delta R.T. -0.05 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

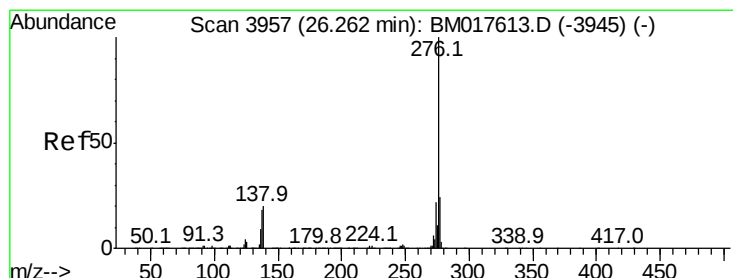
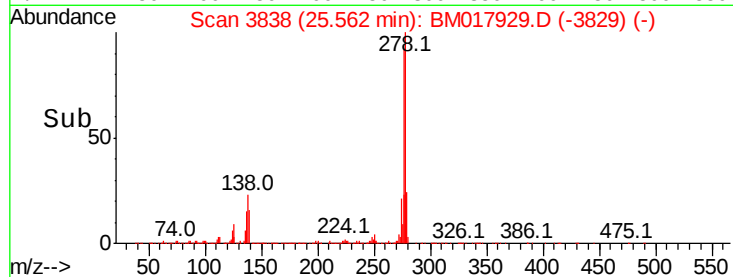
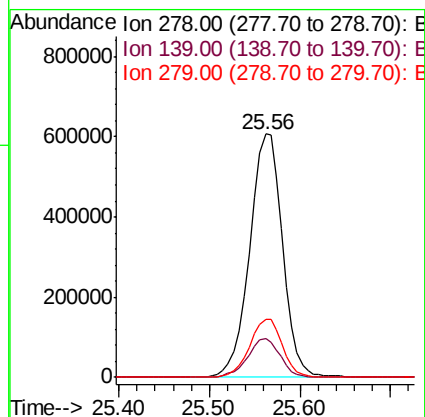
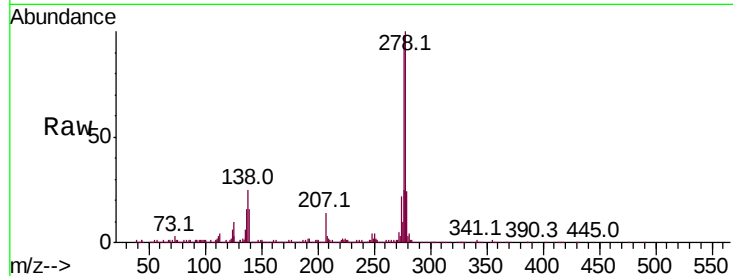
ClientSampleId :

PB115307BSD

Tot Ion:	278	Resp:	1527507
Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.8	17.6
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/5/2018 4:50:27 PM



#92

Benzo(g,h,i)perylene

Concen: 60.864 ng

RT: 26.22 min Scan# 3950

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:	276	Resp:	1523409
Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	19.4	15.9	23.9

