

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
 Data File : BM017874.D
 Acq On : 02 Dec 2018 02:21
 Operator : JU/SJ
 Sample : PB115173BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BSD

Manual Integrations
 APPROVED

mohammad
 12/3/2018 4:58:38 PM

Quant Time: Dec 03 01:35:35 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	174728	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	765661	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	446123	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	1005602	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	1032874	20.00	ng	-0.02
87) Perylene-d12	23.37	264	886605	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1107251	106.95	ng	-0.03
7) Phenol-d6	6.78	99	1483809	102.62	ng	-0.03
23) Nitrobenzene-d5	8.74	82	1353441	91.26	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	632191	98.62	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	3321406	96.59	ng	-0.04
79) Terphenyl-d14	19.63	244	4990656	109.51	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	144572	33.528	ng	# 90
3) Pyridine	3.58	79	450777	35.640	ng	87
4) n-Nitrosodimethylamine	3.50	42	222315	39.902	ng	88
6) Aniline	6.93	93	304995	17.009	ng	96
8) 2-Chlorophenol	7.15	128	612412	49.425	ng	96
9) Benzaldehyde	6.75	77	324334	30.790	ng	95
10) Phenol	6.80	94	753585	49.651	ng	98
11) bis(2-Chloroethyl)ether	7.03	93	521028	43.486	ng	95
12) 1,3-Dichlorobenzene	7.47	146	597938	43.013	ng	98
13) 1,4-Dichlorobenzene	7.62	146	612337	42.974	ng	99
14) 1,2-Dichlorobenzene	7.93	146	605931	43.856	ng	99
15) Benzyl Alcohol	7.83	79	529833	46.010	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	610301	33.455	ng	90
17) 2-Methylphenol	8.03	107	509159	49.798	ng	97
18) Hexachloroethane	8.63	117	226598	45.121	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	457723	44.085	ng	92
20) 3+4-Methylphenols	8.36	107	691751	48.694	ng	97
22) Acetophenone	8.40	105	875337	45.806	ng	95
24) Nitrobenzene	8.78	77	659787	43.847	ng	99
25) Isophorone	9.30	82	1190682	51.979	ng	100
26) 2-Nitrophenol	9.48	139	326324	47.081	ng	97
27) 2,4-Dimethylphenol	9.55	122	565126	56.574	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	743912	47.949	ng	97
29) 2,4-Dichlorophenol	10.01	162	584282	50.388	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	604404	44.815	ng	96
31) Naphthalene	10.40	128	1820312	48.354	ng	99
32) Benzoic acid	9.72	122	410552m	45.372	ng	
33) 4-Chloroaniline	10.54	127	133724	8.111	ng	98
34) Hexachlorobutadiene	10.67	225	358027	42.762	ng	99
35) Caprolactam	11.33	113	184161m	43.126	ng	
36) 4-Chloro-3-methylphenol	11.66	107	642304	47.977	ng	99
37) 2-Methylnaphthalene	12.02	142	1366024	51.342	ng	98
38) 1-Methylnaphthalene	12.25	142	1306781	50.092	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	702994	44.687	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	894260	110.009	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	482969	49.014	nq	99
44) 2,4,5-Trichlorophenol	12.72	196	513192	49.325	nq	98
46) 1,1'-Biphenyl	13.06	154	1747599	43.641	nq	100
47) 2-Chloronaphthalene	13.09	162	1361184	45.796	nq	99
48) 2-Nitroaniline	13.32	65	413653	45.001	nq	96
49) Acenaphthylene	13.95	152	2224289	49.808	nq	99
50) Dimethylphthalate	13.70	163	1703452	46.964	nq	99
51) 2,6-Dinitrotoluene	13.83	165	378986	46.923	nq	97
52) Acenaphthene	14.29	154	1279657	46.692	nq	99
53) 3-Nitroaniline	14.16	138	133364	15.166	nq	97
54) 2,4-Dinitrophenol	14.37	184	458229	91.777	nq	99
55) Dibenzofuran	14.63	168	2086601	46.589	nq	100
56) 4-Nitrophenol	14.48	139	665621	89.430	nq	100
57) 2,4-Dinitrotoluene	14.62	165	545985	50.149	nq	99
58) Fluorene	15.29	166	1715548	50.034	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	476887	49.834	nq	99
60) Diethylphthalate	15.07	149	1749742	44.647	nq	98
61) 4-Chlorophenyl-phenylether	15.29	204	864433	44.375	nq	99
62) 4-Nitroaniline	15.33	138	348742	42.081	nq	99
63) Azobenzene	15.58	77	1721543	47.518	nq	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	306730	44.030	nq	97
66) n-Nitrosodiphenylamine	15.51	169	1497492	46.317	nq	99
67) 4-Bromophenyl-phenylether	16.18	248	540450	45.442	nq	94
68) Hexachlorobenzene	16.29	284	605695	45.176	nq	99
69) Atrazine	16.47	200	547278	46.023	nq	97
70) Pentachlorophenol	16.64	266	774529	82.447	nq	98
71) Phenanthrene	17.03	178	2711604	49.694	nq	100
72) Anthracene	17.12	178	2795894	52.656	nq	99
73) Carbazole	17.40	167	2525107	47.062	nq	99
74) Di-n-butylphthalate	17.97	149	3084496	51.642	nq	99
75) Fluoranthene	19.06	202	3209452	51.984	nq	99
77) Benzidine	19.26	184	1047204	31.135	nq	100
78) Pyrene	19.42	202	3272027	51.342	nq	100
80) Butylbenzylphthalate	20.34	149	1475271	56.995	nq	98
81) Benzo(a)anthracene	21.17	228	3013131	50.636	nq	99
82) 3,3'-Dichlorobenzidine	21.12	252	569610	24.802	nq	99
83) Chrysene	21.23	228	2817476	48.749	nq	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	2123530	55.495	nq	99
85) Di-n-octyl phthalate	21.98	149	3419526	55.808	nq	96
86) Indeno(1,2,3-cd)pyrene	25.54	276	2688239	58.206	nq	100
88) Benzo(b)fluoranthene	22.72	252	2622788	50.514	nq	99
89) Benzo(k)fluoranthene	22.77	252	2591288	49.377	nq	100
90) Benzo(a)pyrene	23.28	252	2464452	52.056	nq	100
91) Dibenzo(a,h)anthracene	25.56	278	2326075	58.442	nq	99
92) Benzo(g,h,i)perylene	26.20	276	2232704	59.653	nq	99

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

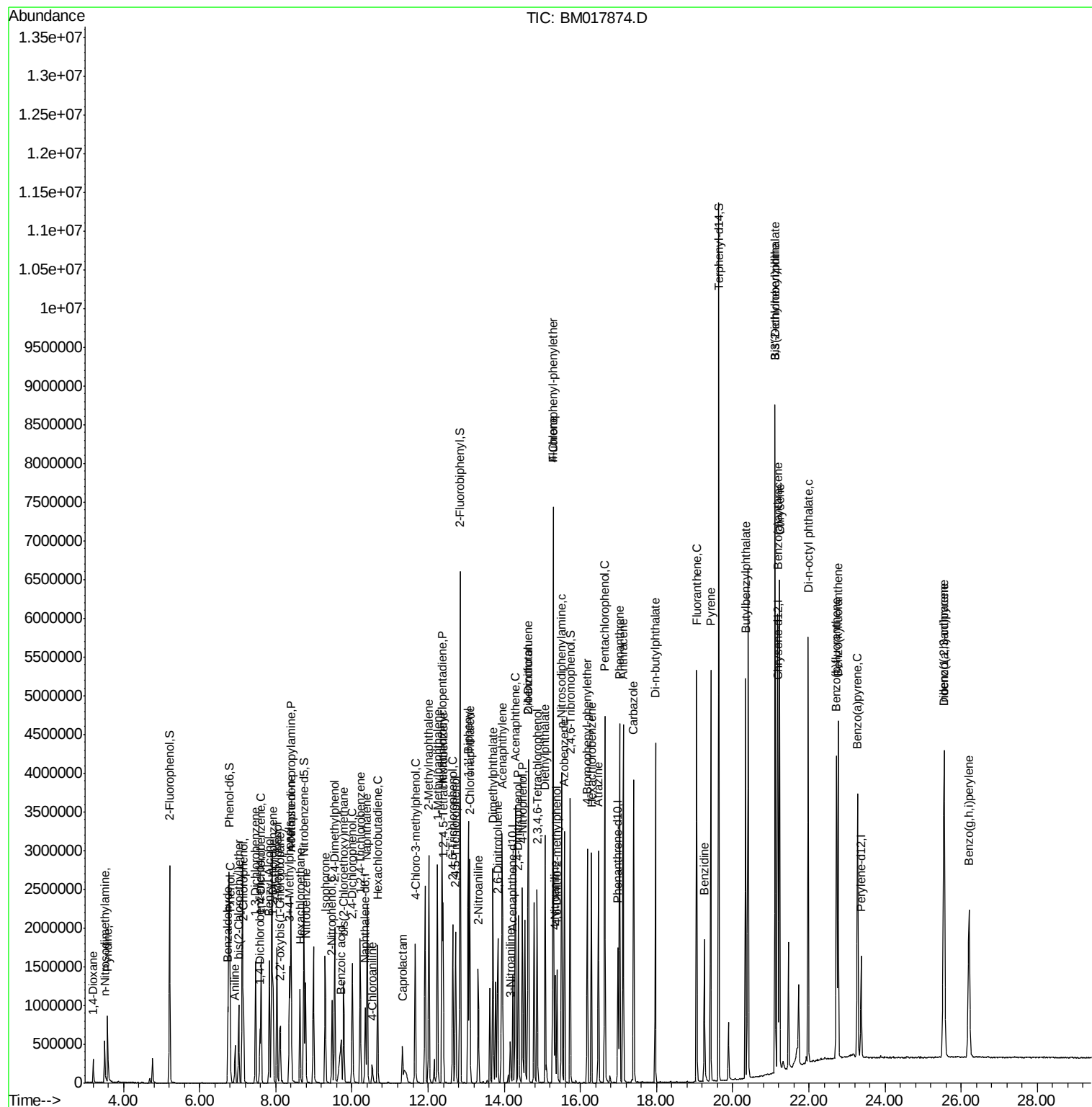
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
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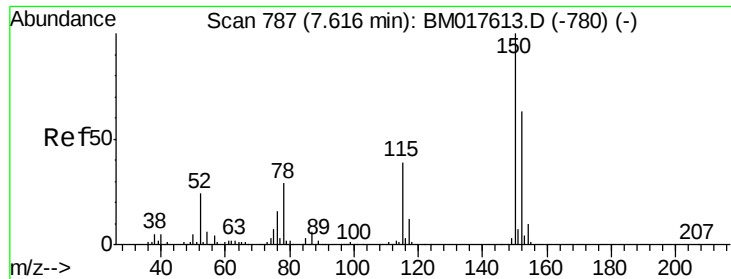
Instrument :
BNA_M
ClientSampleId :
PB115173BSD

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QLast Update : Mon Nov 12 18:37:25 2018
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#1

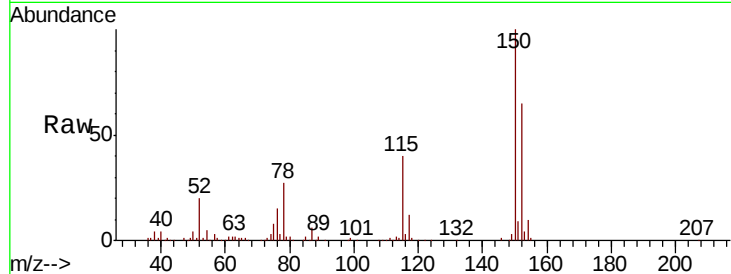
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.4	189.6
115	62.2	49.4	74.0

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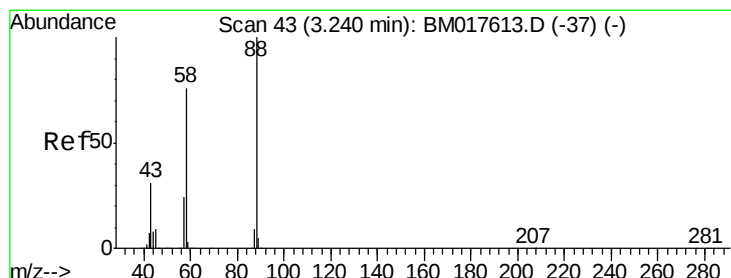
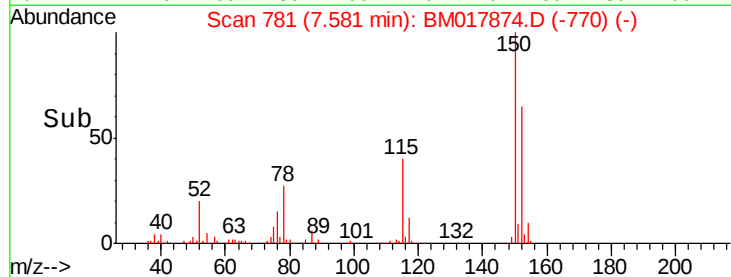
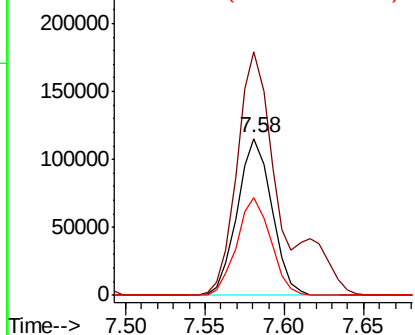


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

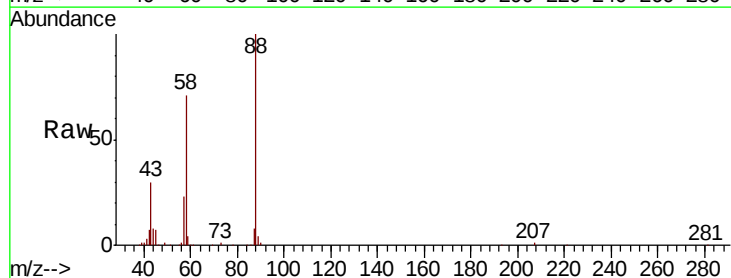
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.528 ng
RT: 3.20 min Scan# 37
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	62.0	93.0
43	26.7	26.8	40.2

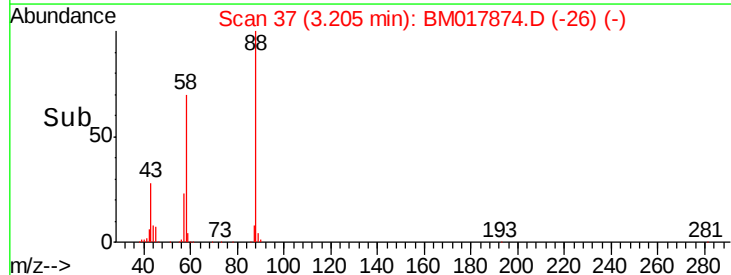
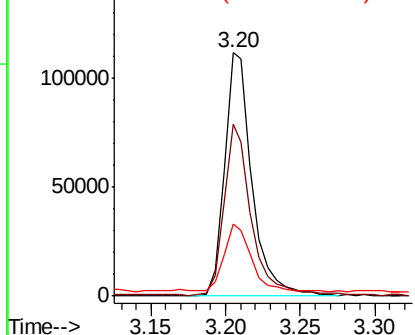


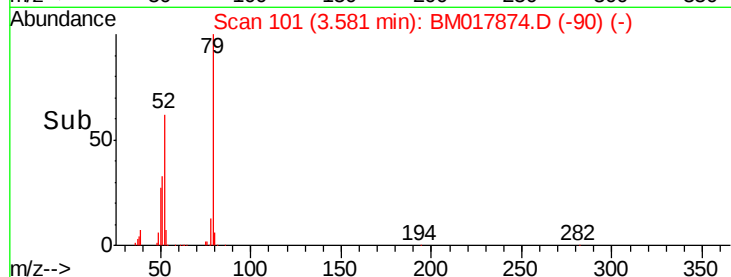
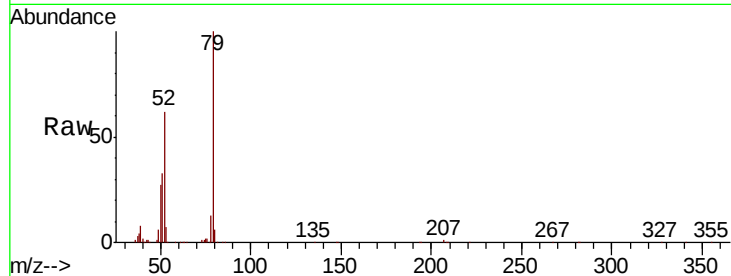
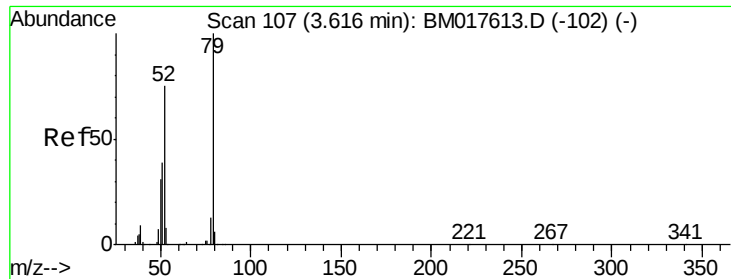
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





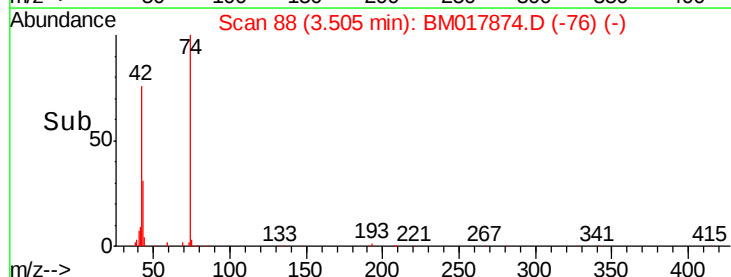
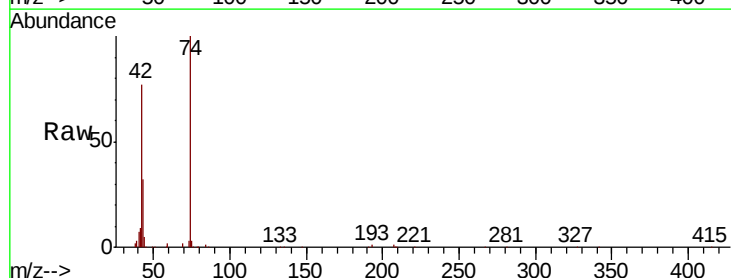
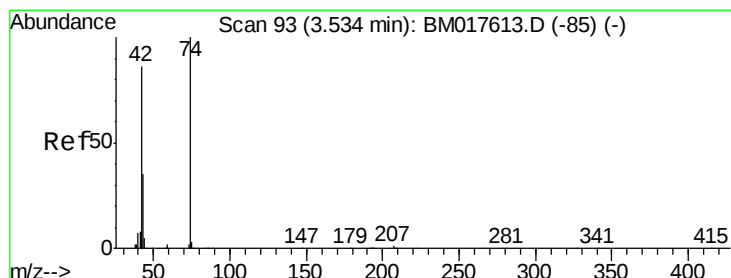
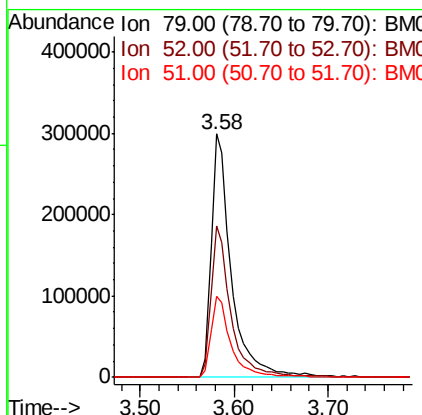
#3
Pvridine
Concen: 35.640 ng
RT: 3.58 min Scan# 101
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tot Ion	Ratio	Resp	Lower	Upper
79	100	450777		
52	62.4		60.1	90.1
51	33.2		31.1	46.7

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

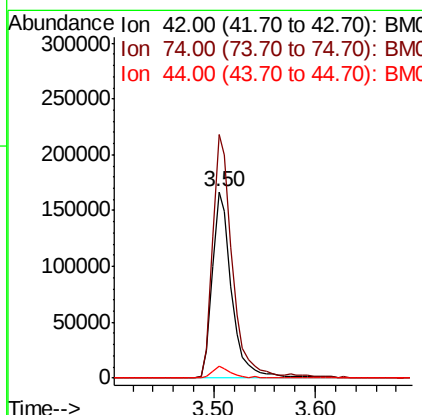
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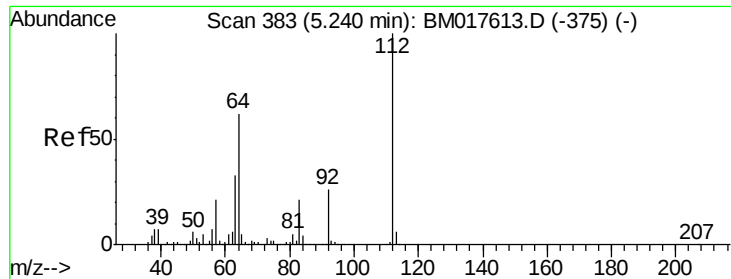
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#4
n-Nitrosodimethylamine
Concen: 39.902 ng
RT: 3.50 min Scan# 88
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	222315		
74	130.5		93.1	139.7
44	6.1		5.0	7.6





#5

2-Fluorophenol

Concen: 106.946 ng

RT: 5.21 min Scan# 378

Delta R.T. -0.03 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

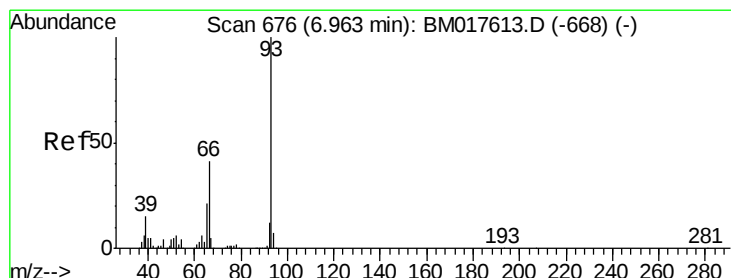
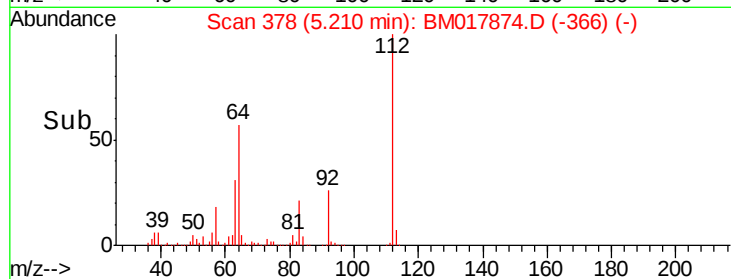
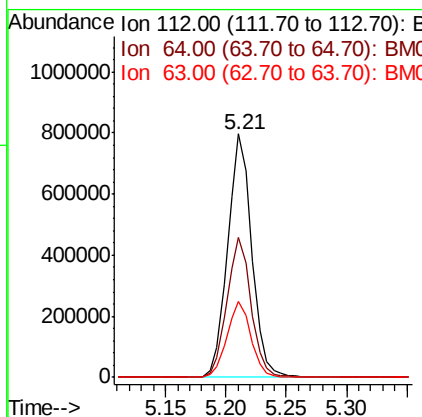
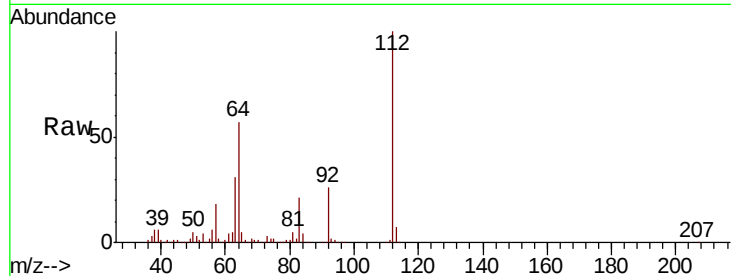
ClientSampled :

PB115173BSD

Tot Ion:	112	Resp:	1107251
Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.3	73.9
63	31.4	26.2	39.4

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#6

Aniline

Concen: 17.009 ng

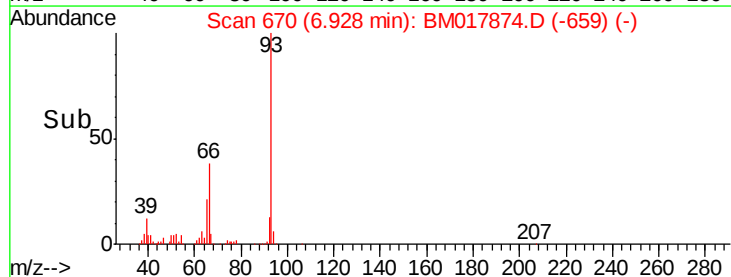
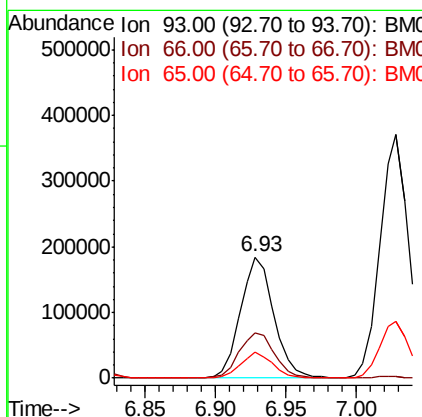
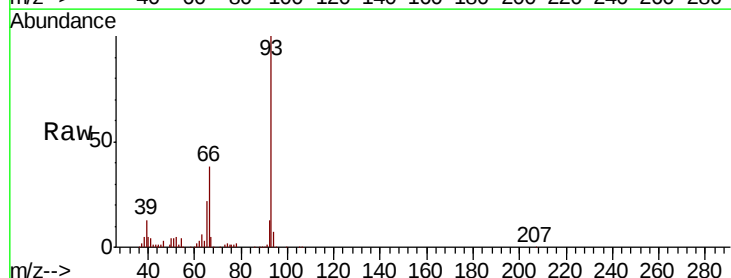
RT: 6.93 min Scan# 670

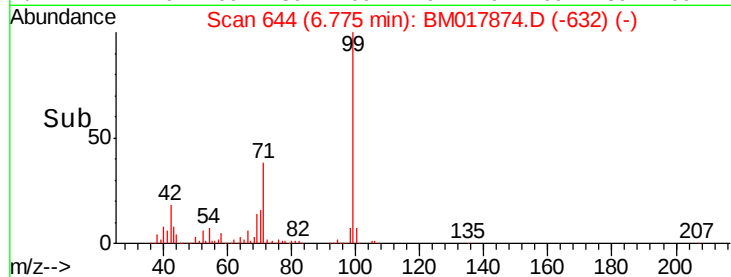
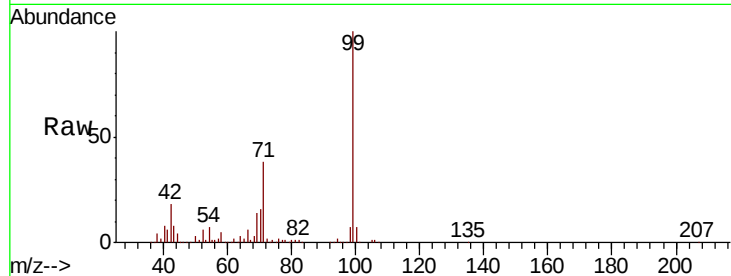
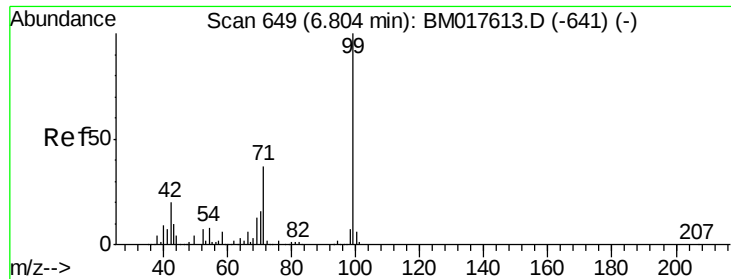
Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion:	93	Resp:	304995
Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.8	49.2
65	21.6	16.6	25.0





#7

Phenol-d6

Concen: 102.615 ng

RT: 6.78 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tot Ion: 99 Resp: 1483809

Ion Ratio Lower Upper

99 100

42 17.6 16.3 24.5

71 37.7 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

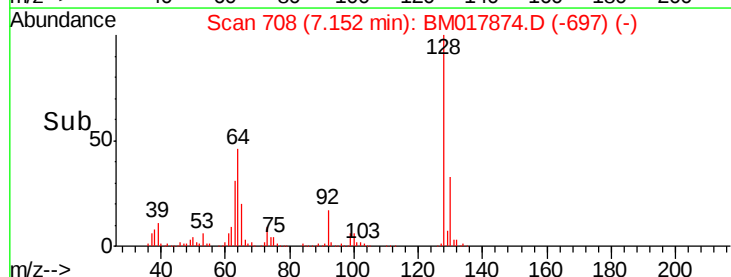
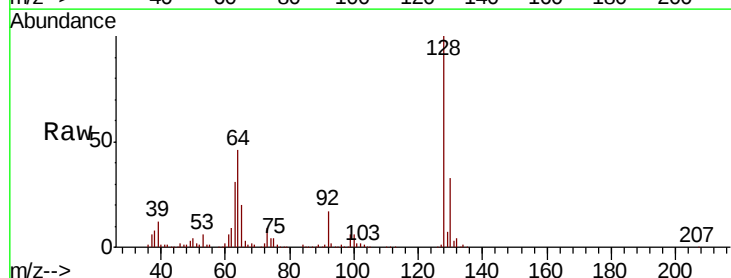
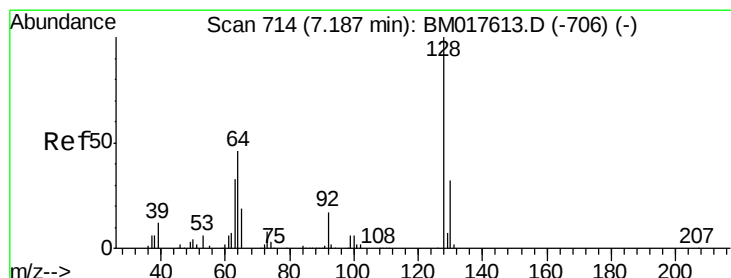
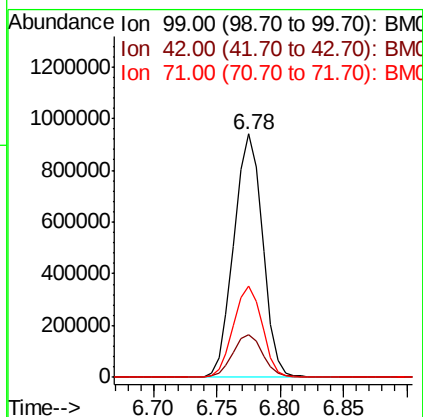
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#8

2-Chlorophenol

Concen: 49.425 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

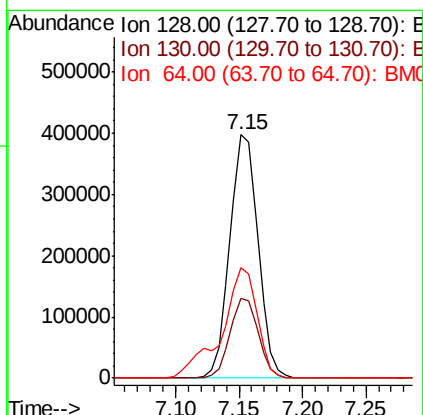
Tgt Ion: 128 Resp: 612412

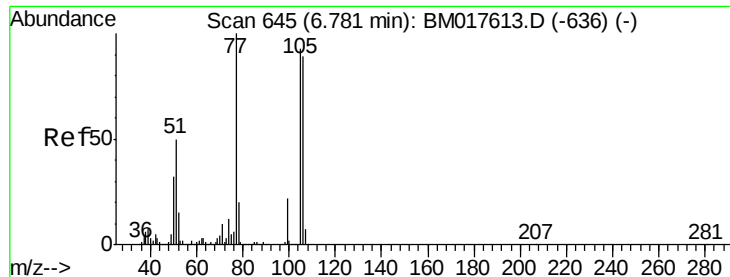
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 45.6 30.0 70.0





#9

Benzaldehyde

Concen: 30.790 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

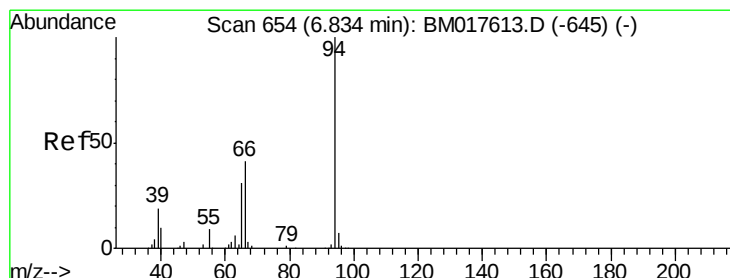
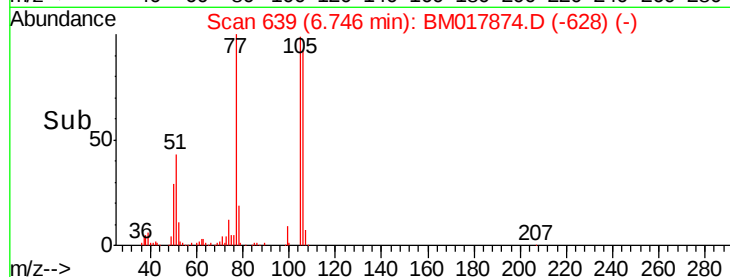
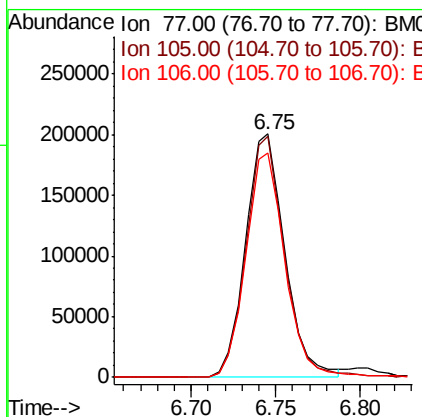
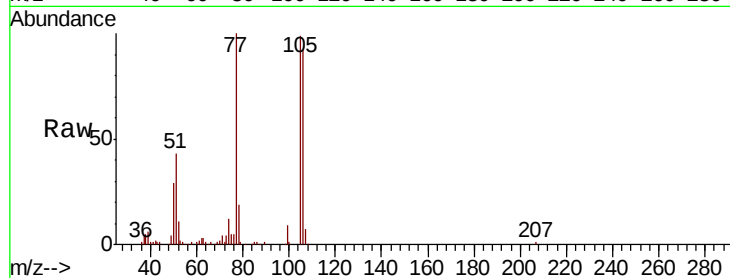
ClientSampled :

PB115173BSD

Tot Ion:	77	Resp:	324334
Ion	Ratio	Lower	Upper
77	100		
105	99.2	72.7	112.7
106	92.3	68.9	108.9

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#10

Phenol

Concen: 49.651 ng

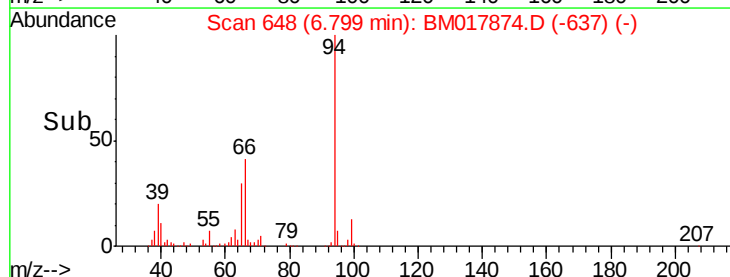
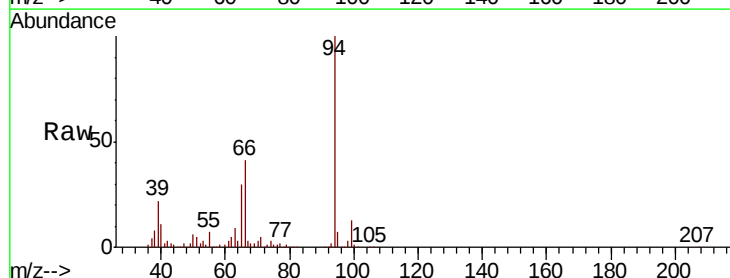
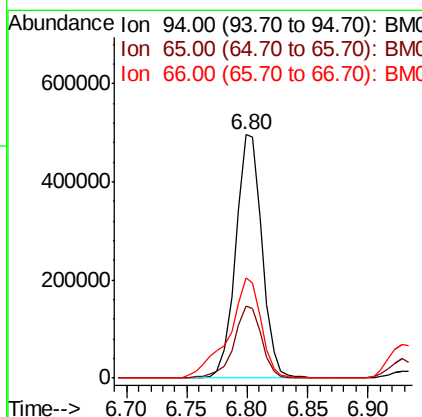
RT: 6.80 min Scan# 648

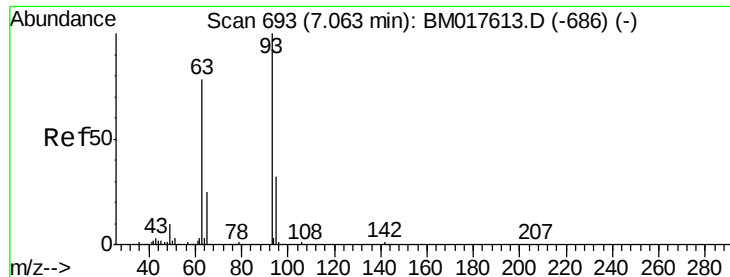
Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion:	94	Resp:	753585
Ion	Ratio	Lower	Upper
94	100		
65	29.7	11.4	51.4
66	41.1	21.4	61.4





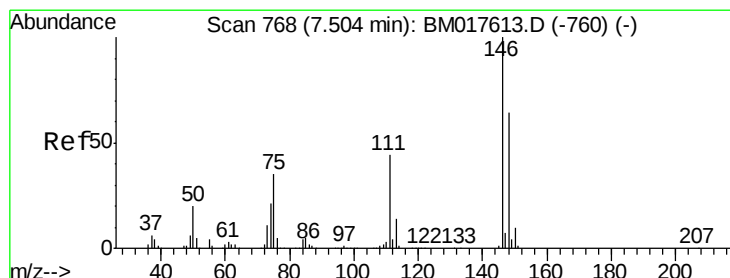
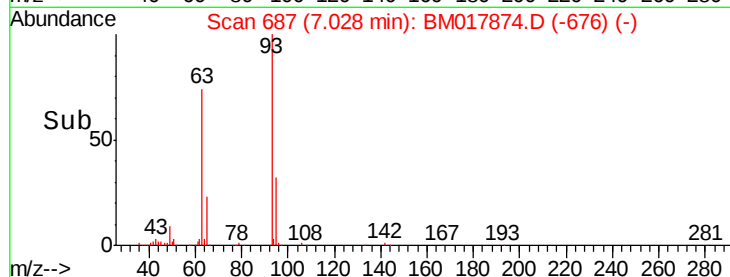
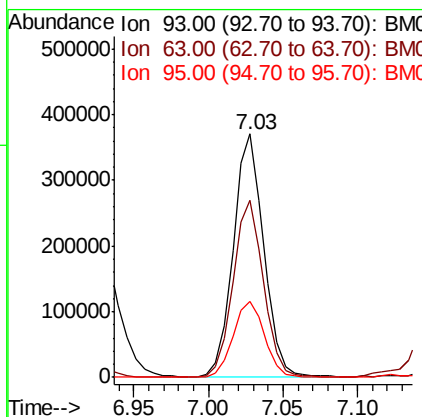
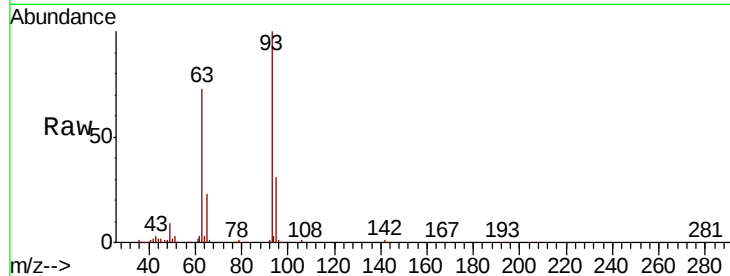
#11
bis(2-Chloroethyl)ether
Concen: 43.486 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.9	57.9	97.9
95	31.2	12.3	52.3

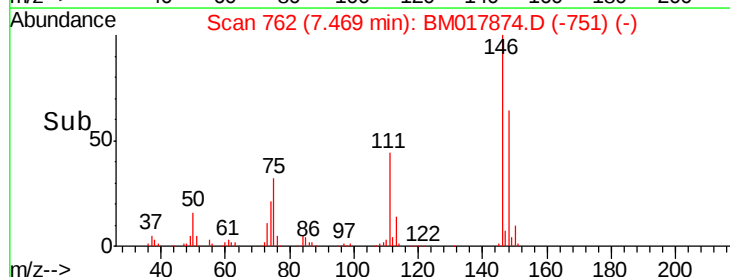
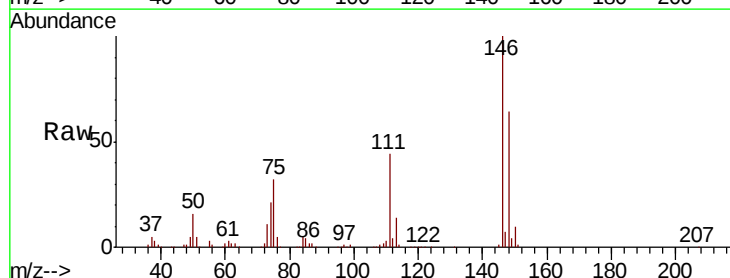
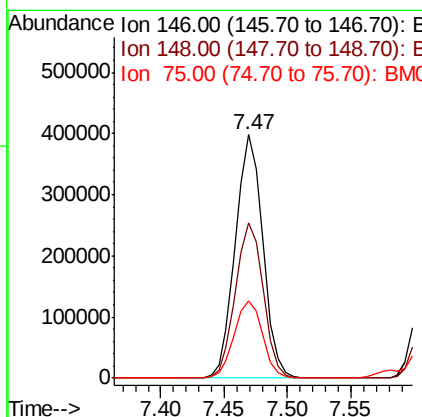
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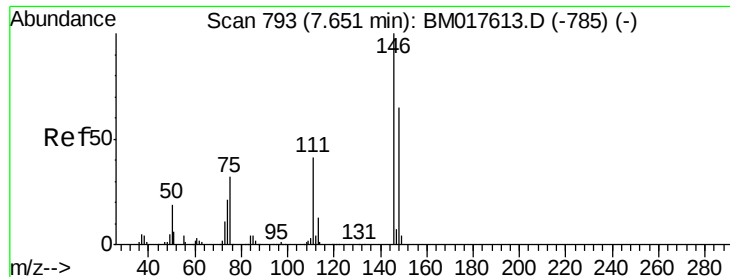
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.013 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	31.9	28.2	42.2





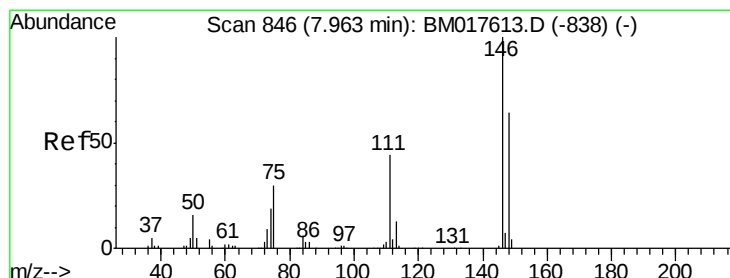
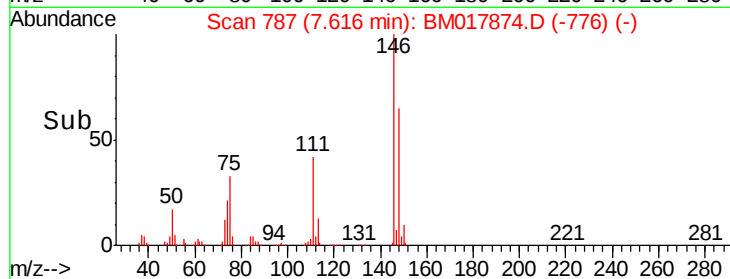
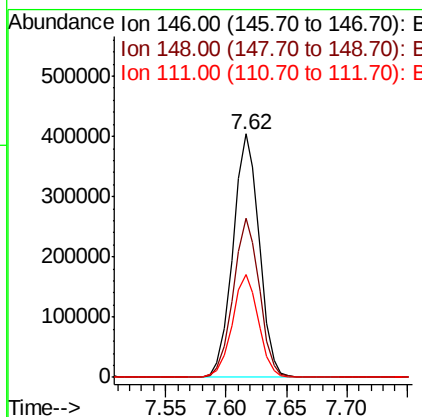
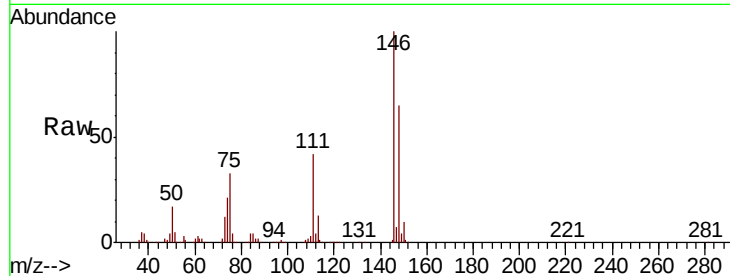
#13
 1,4-Dichlorobenzene
 Concen: 42.974 ng
 RT: 7.62 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleID :
 PB115173BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	42.0	33.2	49.8

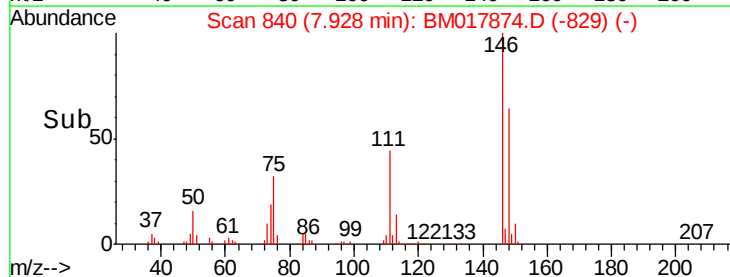
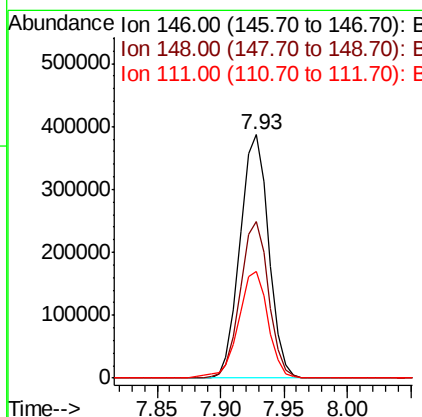
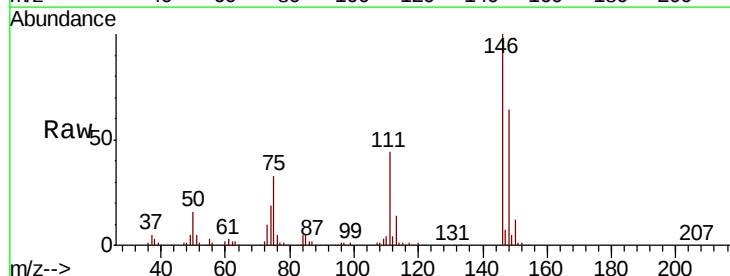
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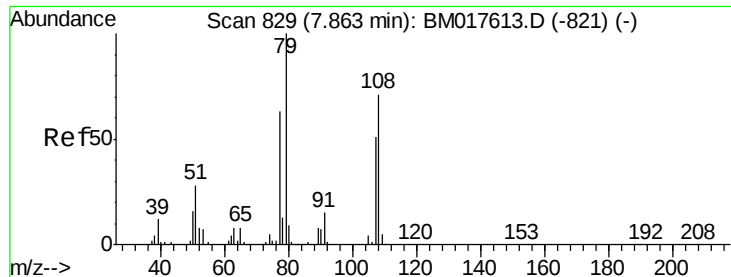
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.856 ng
 RT: 7.93 min Scan# 840
 Delta R.T. -0.04 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	43.7	35.8	53.8





#15

Benzyl Alcohol

Concen: 46.010 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

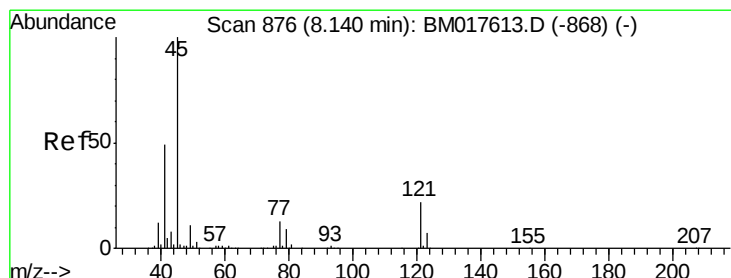
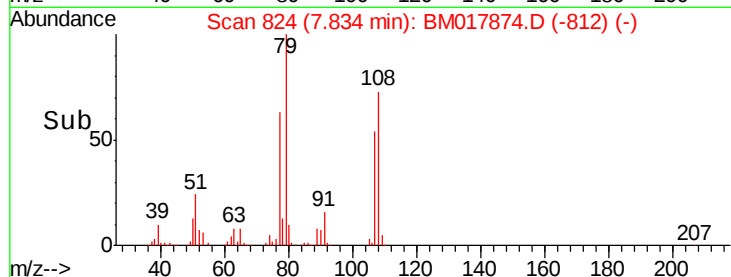
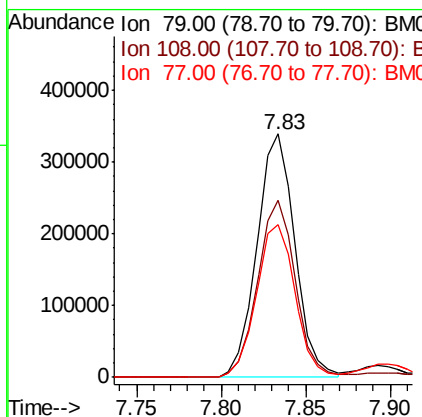
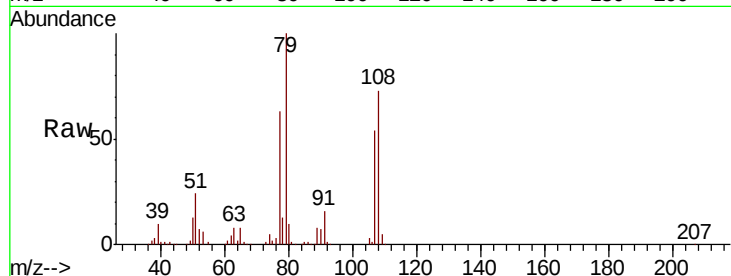
ClientSampleId :

PB115173BSD

Tot Ion:	79	Resp:	529833
Ion Ratio	Lower	Upper	
79	100		
108	72.6	57.1	85.7
77	63.0	50.4	75.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.455 ng

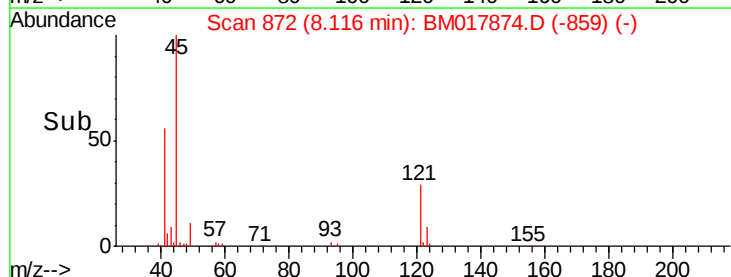
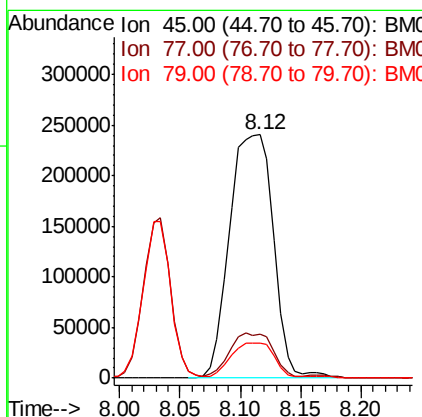
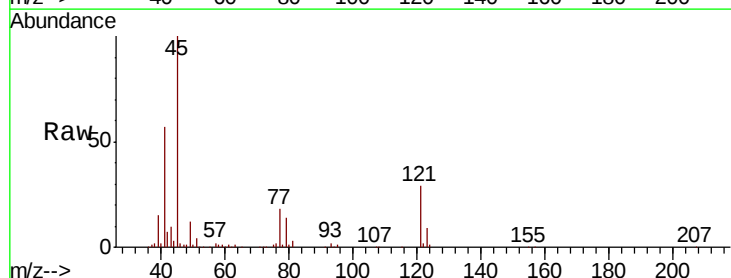
RT: 8.12 min Scan# 872

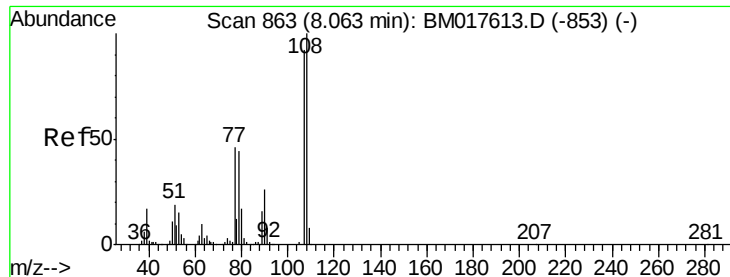
Delta R.T. -0.02 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion:	45	Resp:	610301
Ion Ratio	Lower	Upper	
45	100		
77	18.3	0.0	34.2
79	14.2	0.0	30.5





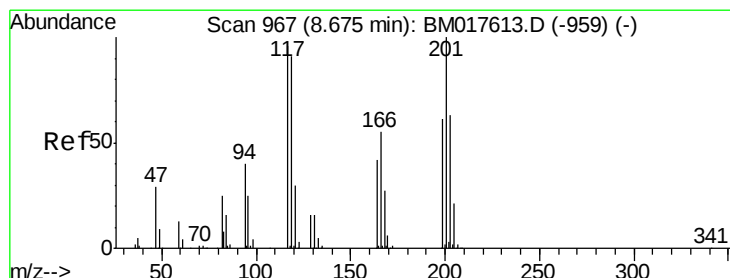
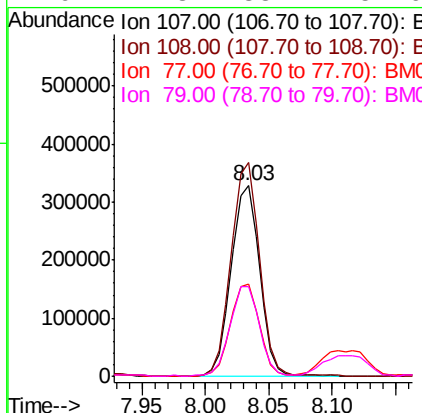
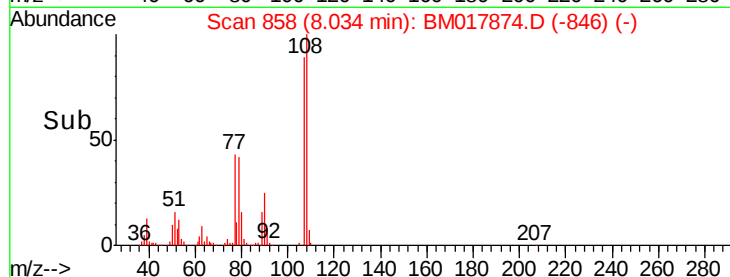
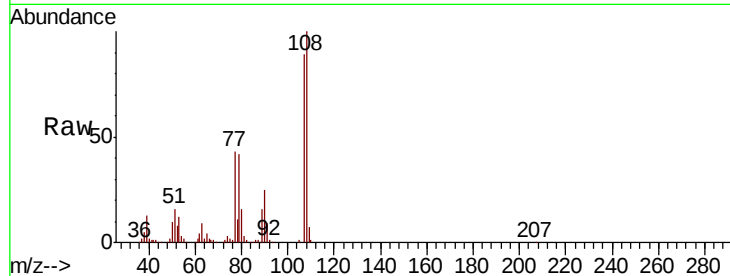
#17
2-Methylphenol
Concen: 49.798 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	86.7	130.1	
77	48.4	39.8	59.6	
79	47.3	38.4	57.6	

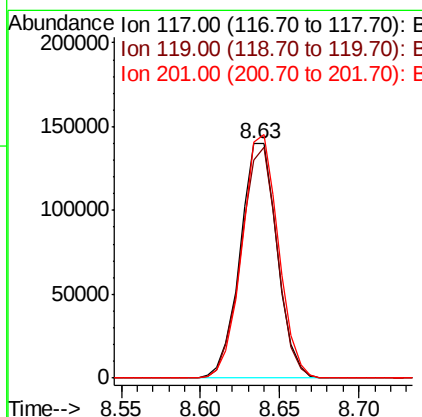
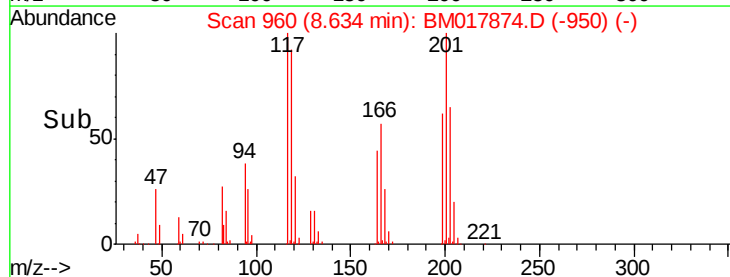
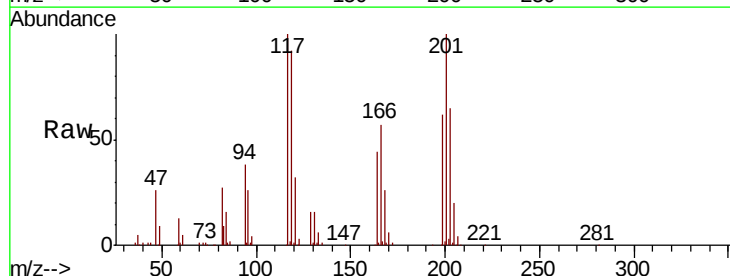
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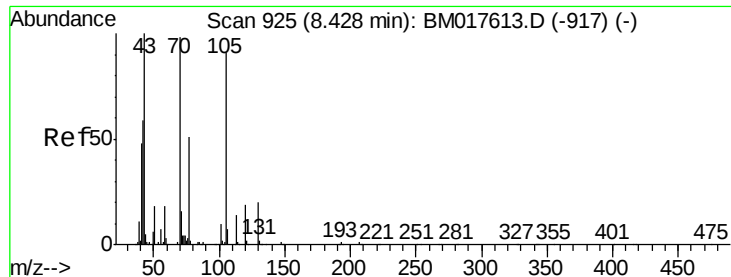
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#18
Hexachloroethane
Concen: 45.121 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	75.8	113.8	
201	100.4	83.0	124.4	





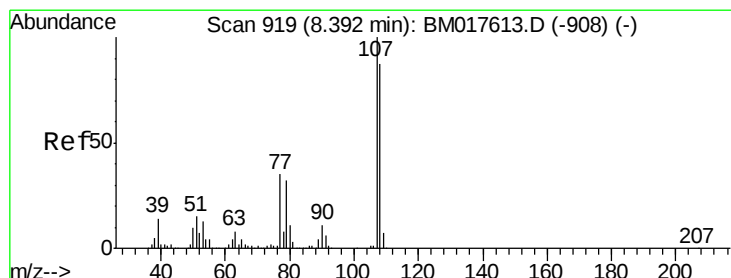
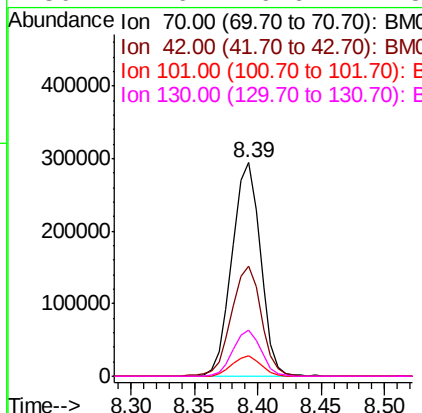
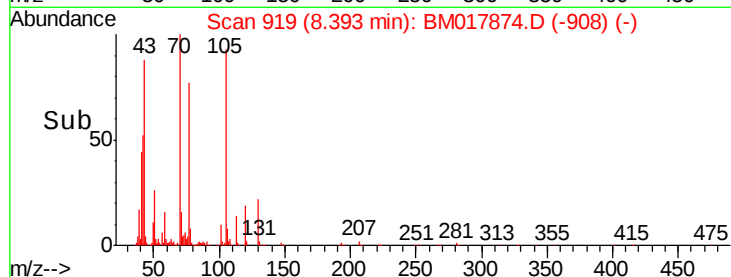
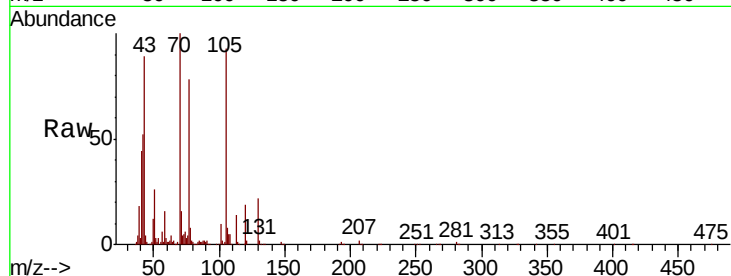
#19
n-Nitroso-di-n-propylamine
Concen: 44.085 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.7	48.6	73.0	
101	9.9	7.9	11.9	
130	21.6	16.6	24.8	

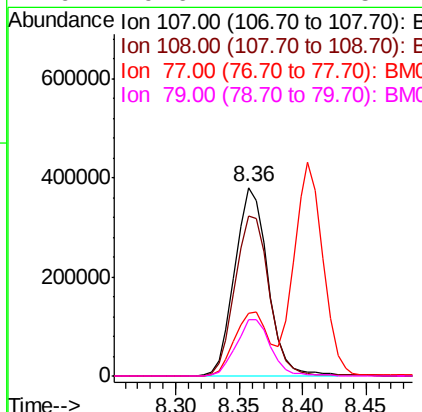
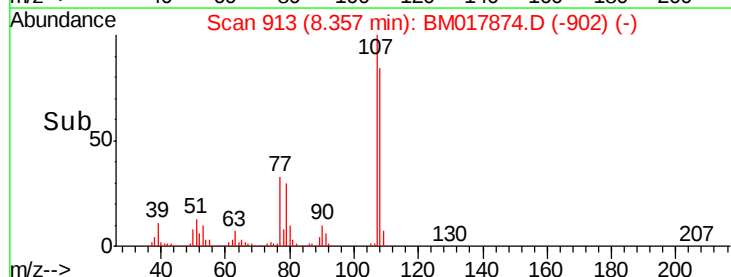
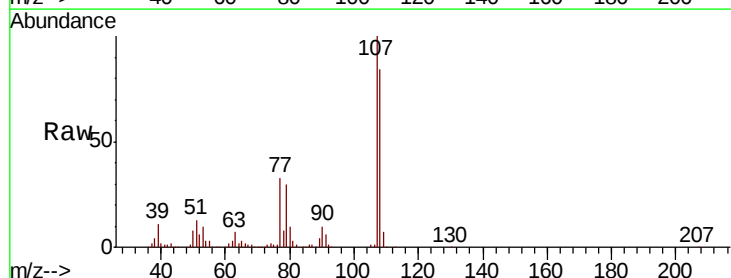
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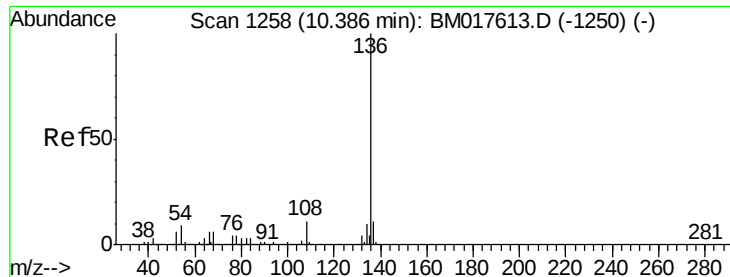
mohammad
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#20
3+4-Methylphenols
Concen: 48.694 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.5	67.0	107.0	
77	33.3	15.6	55.6	
79	29.6	11.7	51.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

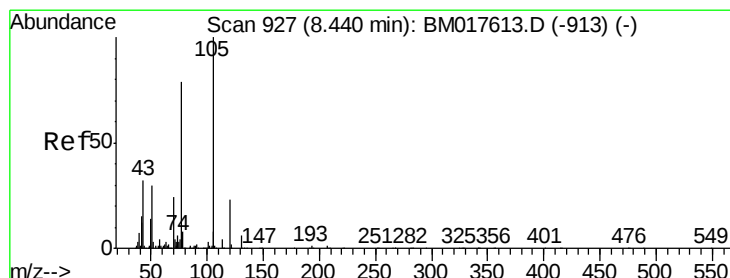
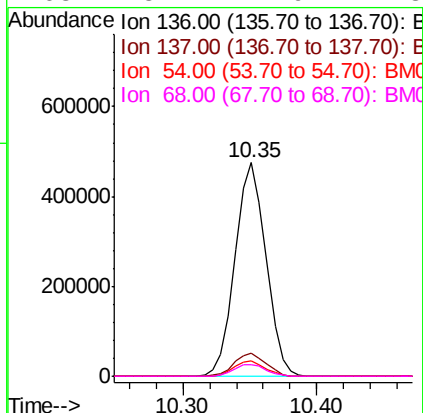
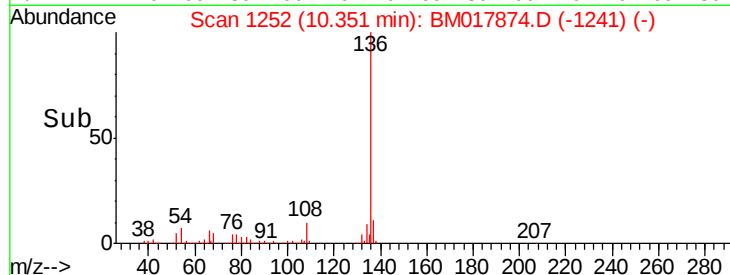
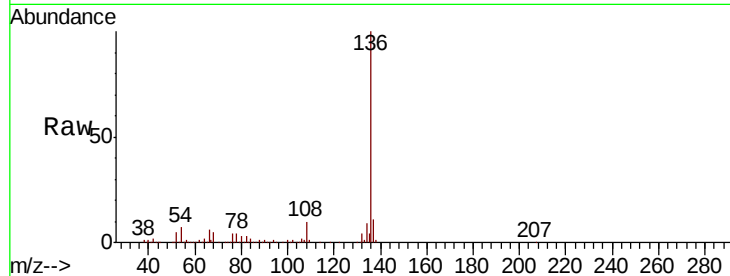
ClientSampleId :

PB115173BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		765661		
137	10.9		8.6	12.8	
54	7.1		7.0	10.6	
68	5.4		4.9	7.3	

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#22

Acetophenone

Concen: 45.806 ng

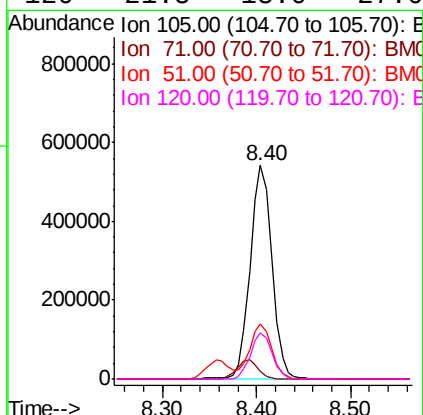
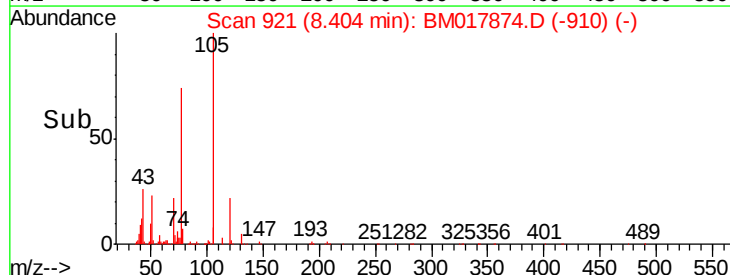
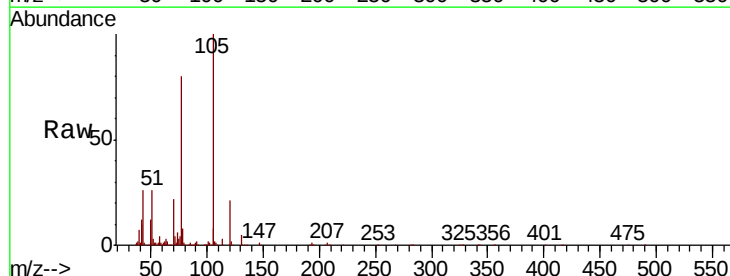
RT: 8.40 min Scan# 921

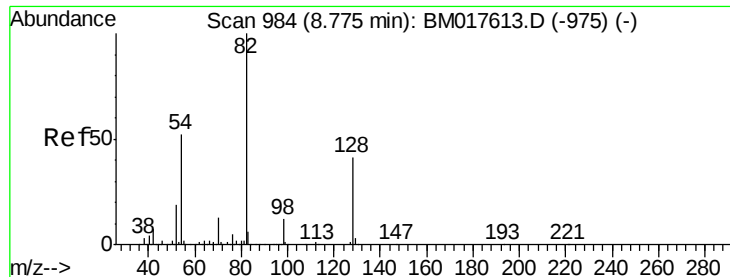
Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		875337		
71	3.6		3.1	4.7	
51	25.8		23.8	35.8	
120	21.5		18.0	27.0	





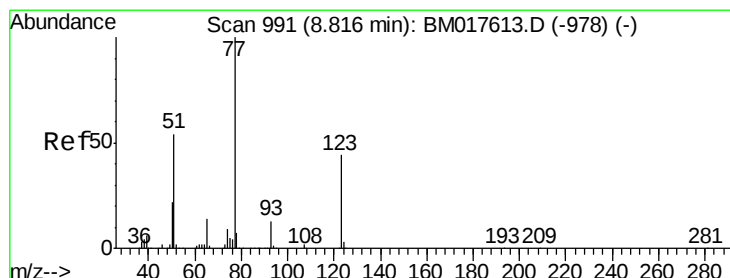
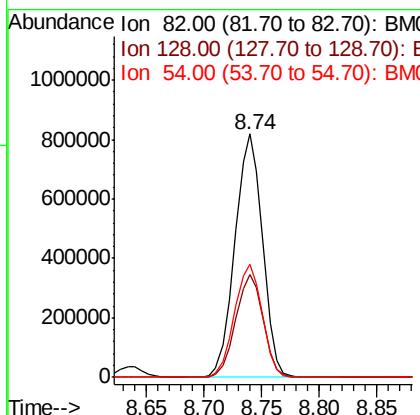
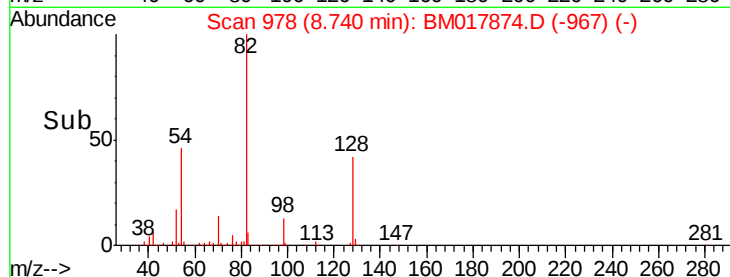
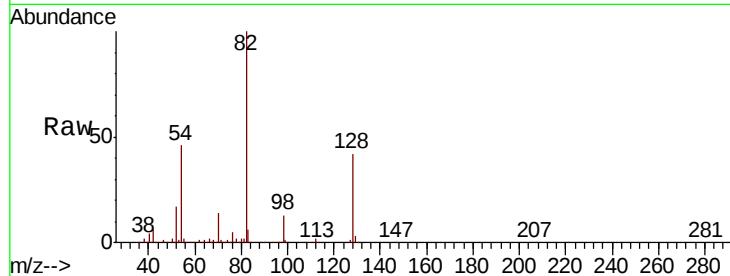
#23
 Nitrobenzene-d5
 Concen: 91.257 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleID :
 PB115173BSD

Tot Ion	82	Resp	1353441
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.0	49.4
54	46.2	41.4	62.2

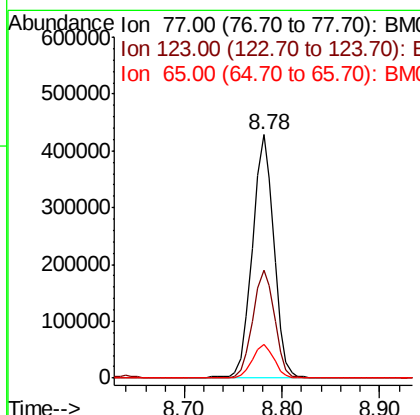
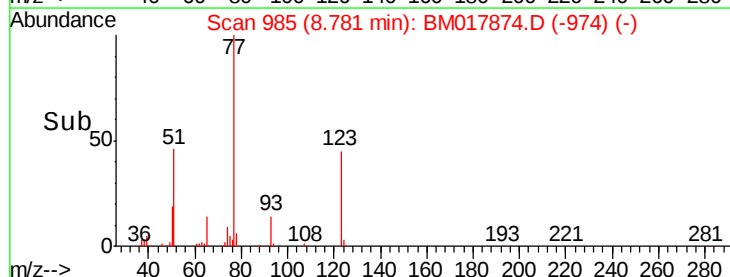
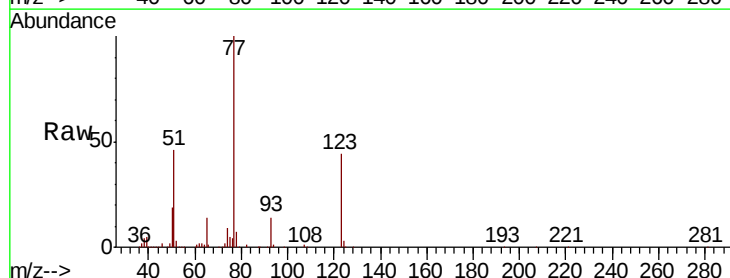
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#24
 Nitrobenzene
 Concen: 43.847 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.04 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion	77	Resp	659787
Ion Ratio	Lower	Upper	
77	100		
123	44.5	35.1	52.7
65	14.1	11.0	16.6





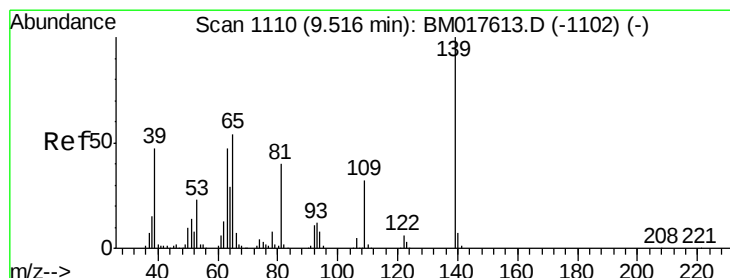
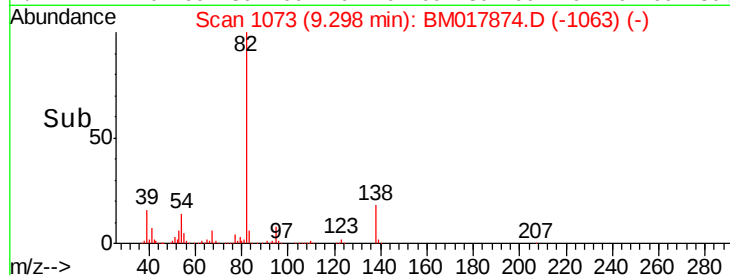
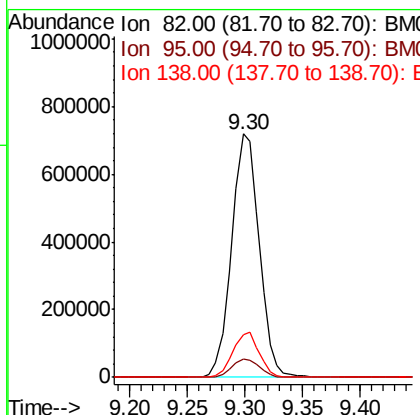
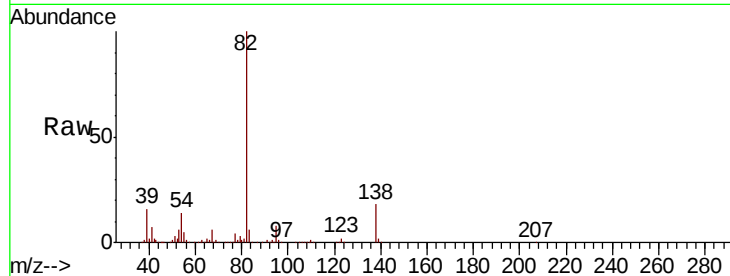
#25
Isophorone
Concen: 51.979 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	17.6	13.9	20.9

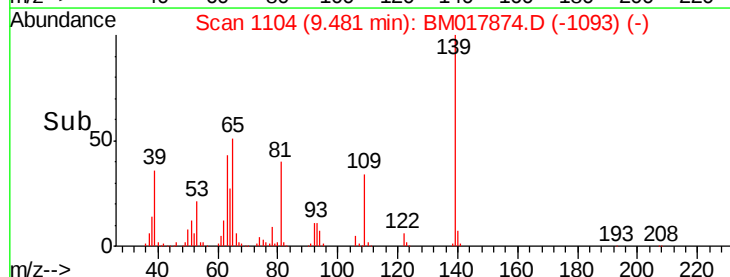
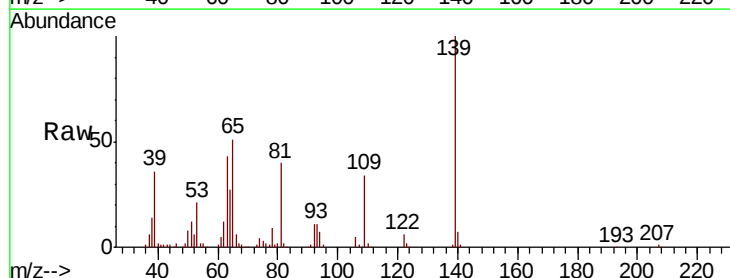
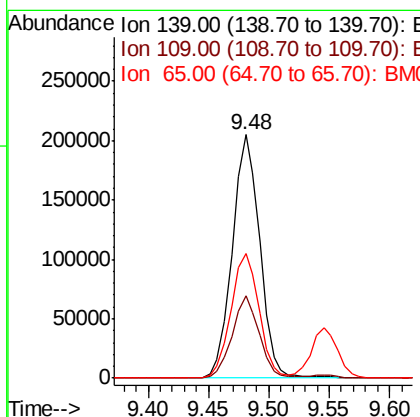
Manual Integrations
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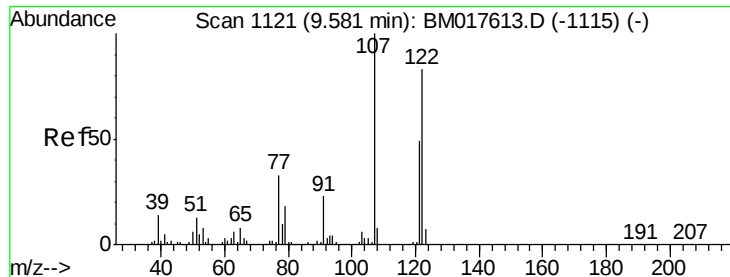
mohammad
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#26
2-Nitrophenol
Concen: 47.081 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.7	25.9	38.9
65	51.3	43.0	64.4





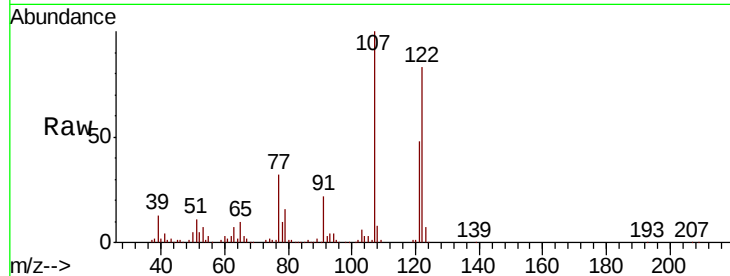
#27
2,4-Dimethylphenol
Concen: 56.574 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	565126		
107	120.0	95.8	143.8	
121	58.0	47.2	70.8	

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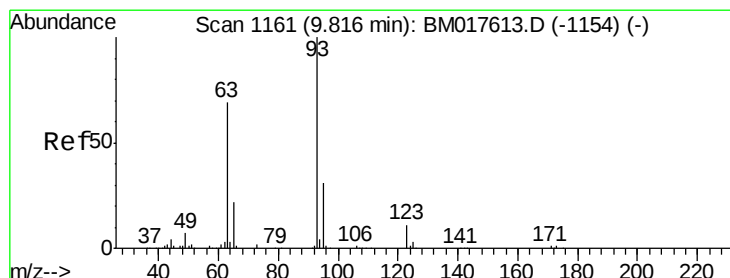
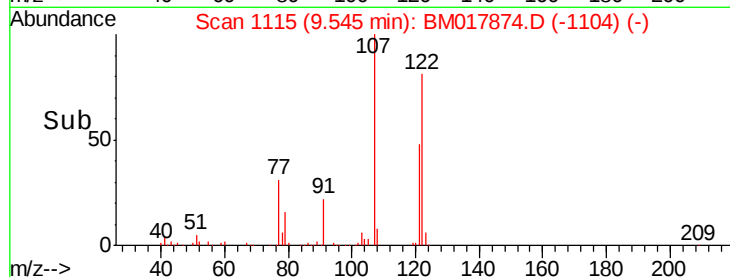
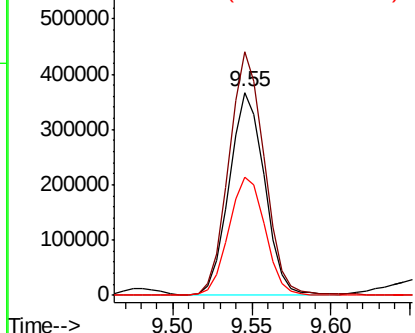


Abundance

Ion 122.00 (121.70 to 122.70): E

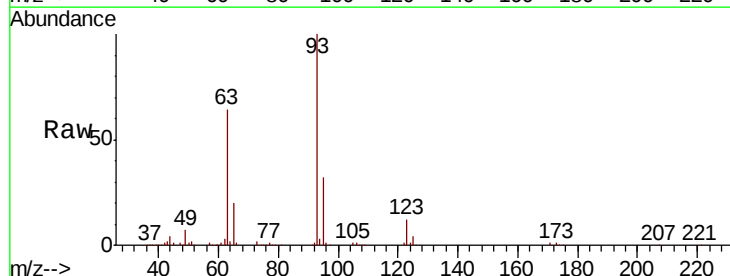
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 47.949 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	743912		
95	32.5	24.9	37.3	
123	11.9	8.7	13.1	

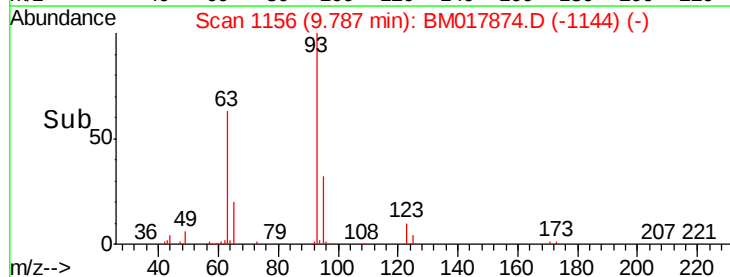
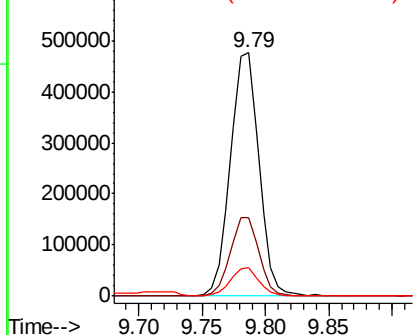


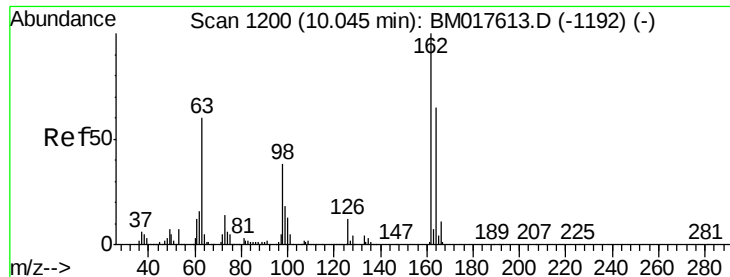
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





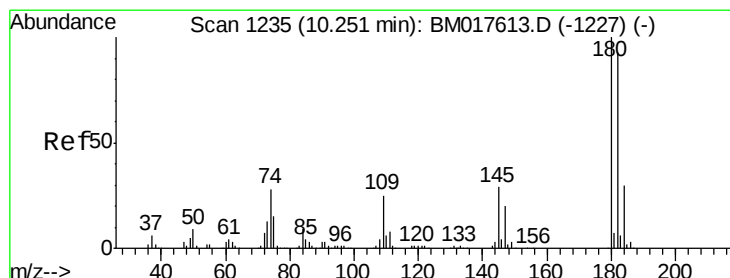
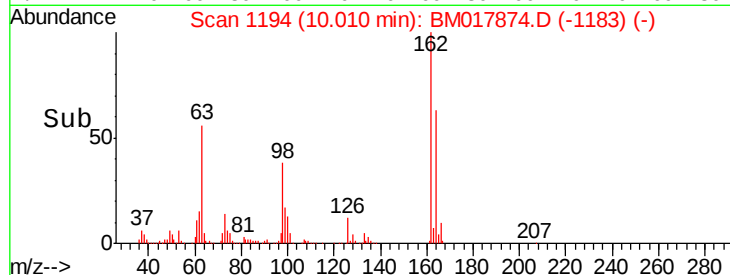
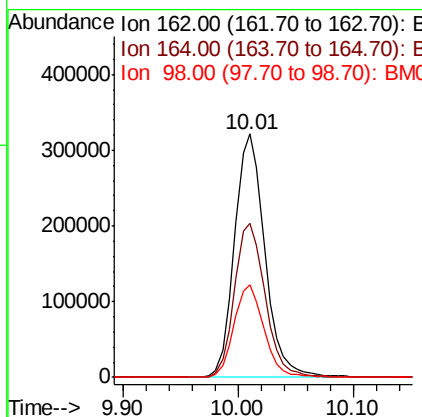
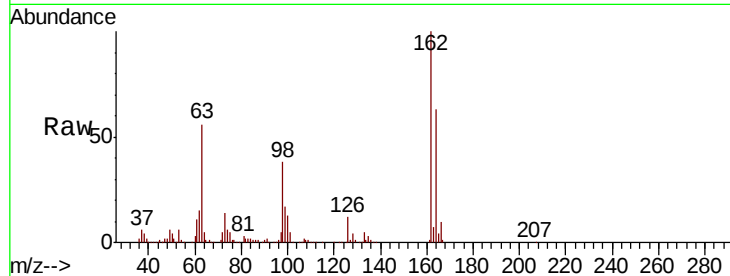
#29
 2,4-Dichlorophenol
 Concen: 50.388 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. -0.04 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	584282		
164	63.5	45.0	85.0	
98	37.9	17.5	57.5	

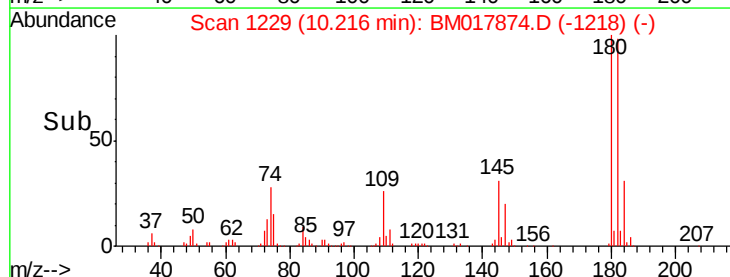
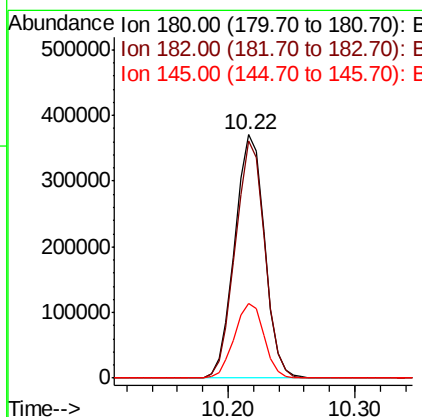
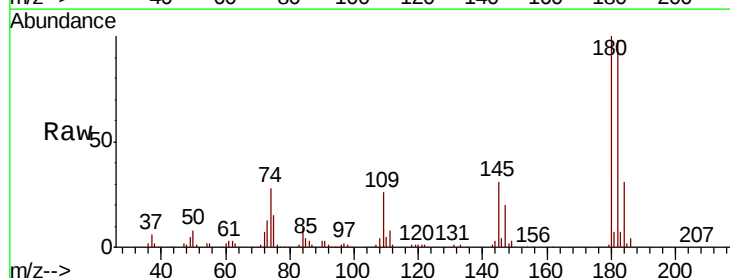
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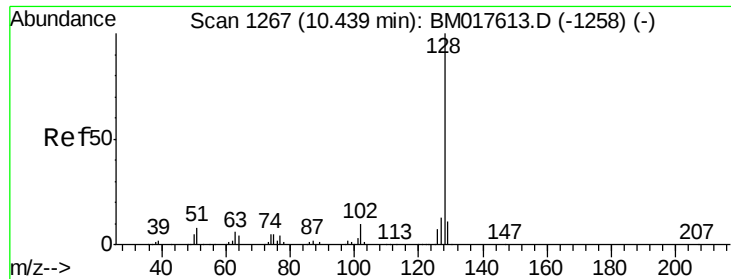
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.815 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.04 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	604404		
182	97.5	74.4	111.6	
145	30.8	23.5	35.3	





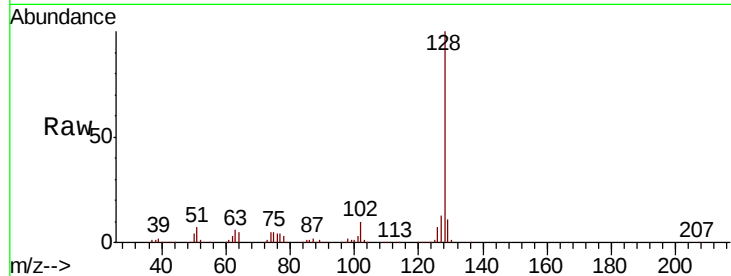
#31
Naphthalene
Concen: 48.354 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	12.9	10.3	15.5

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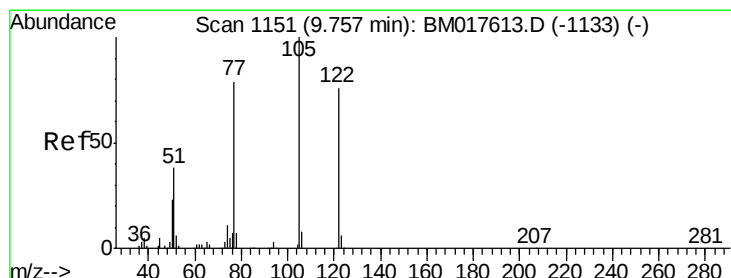
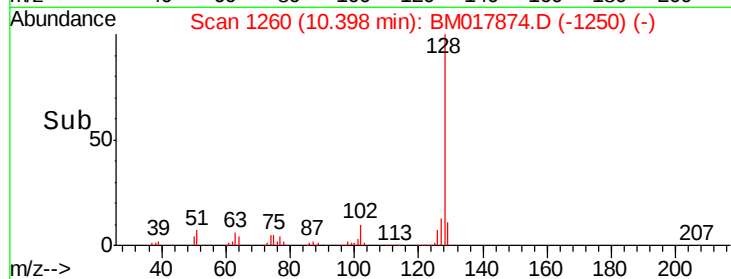
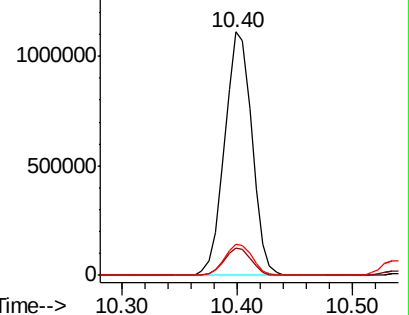


Abundance

Ion 128.00 (127.70 to 128.70): E

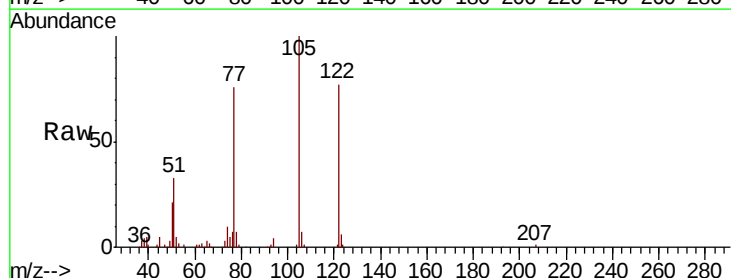
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 45.372 ng m
RT: 9.72 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.2	109.1	149.1
77	98.5	82.1	122.1

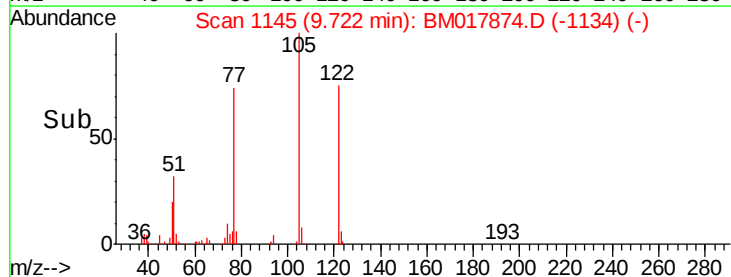
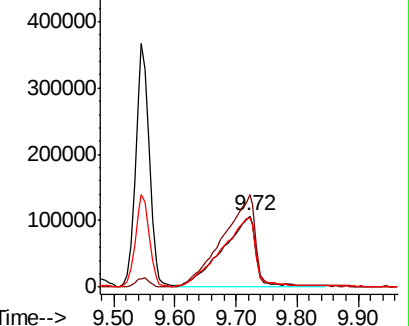


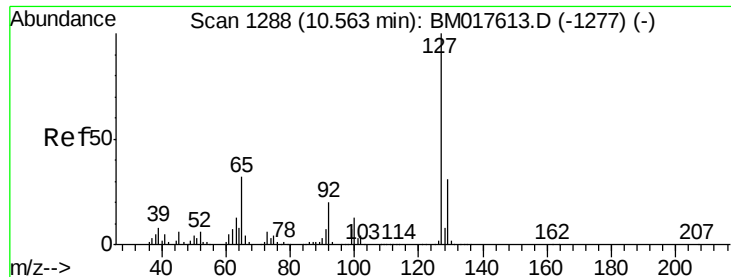
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





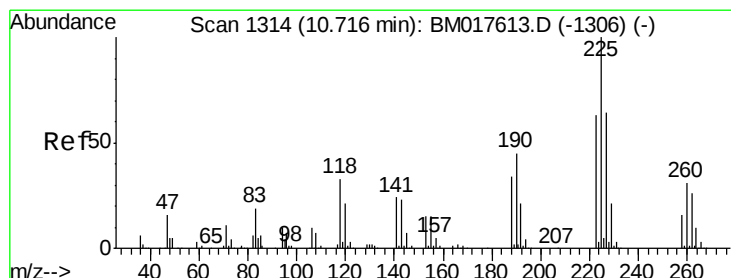
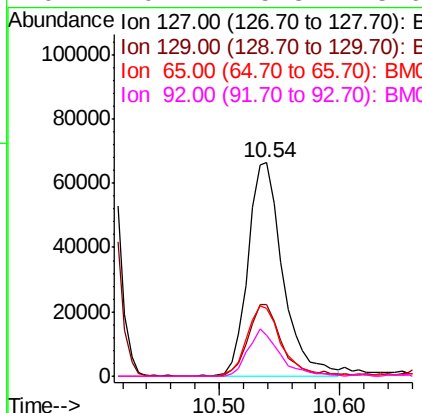
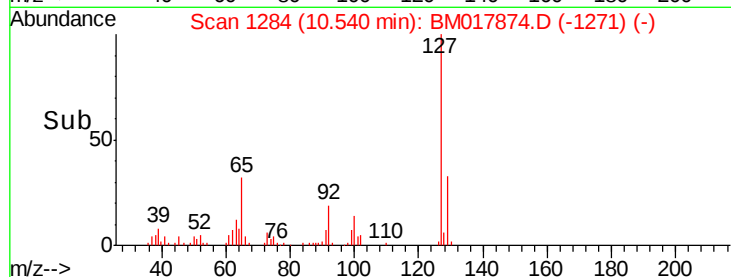
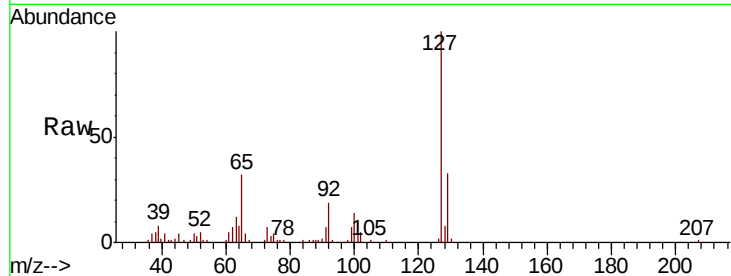
#33
4-Chloroaniline
Concen: 8.111 ng
RT: 10.54 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	25.0	37.4		
65	31.9	25.8	38.8		
92	19.1	15.8	23.6		

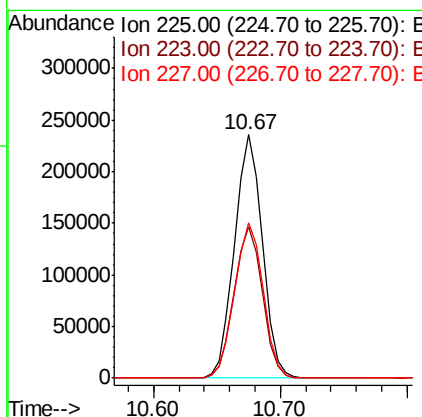
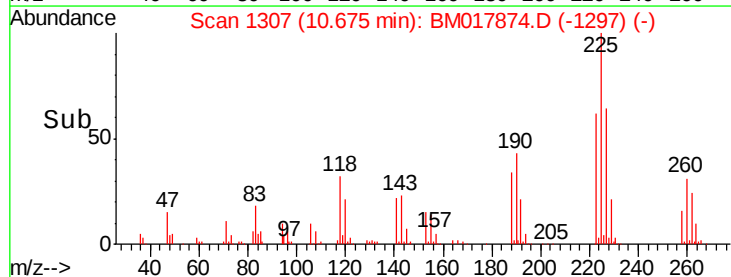
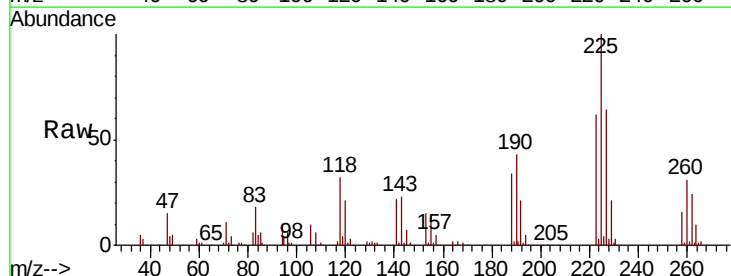
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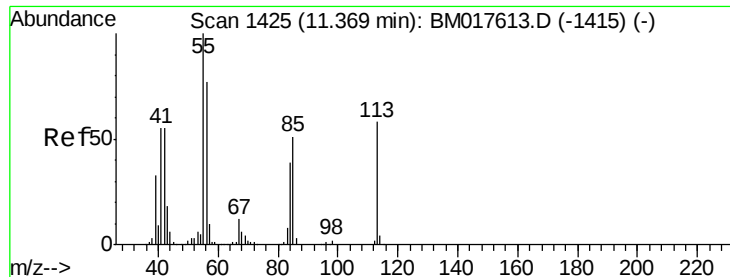
mohammad
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#34
Hexachlorobutadiene
Concen: 42.762 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	50.7	76.1		
227	63.9	51.0	76.4		





#35

Caprolactam

Concen: 43.126 ng/ml

RT: 11.33 min Scan# 1419

Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

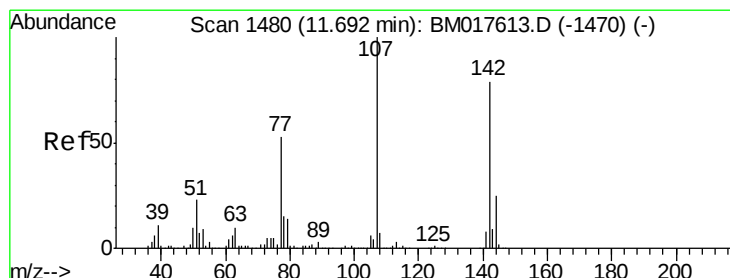
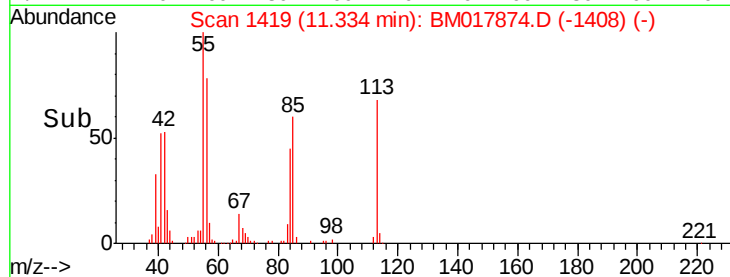
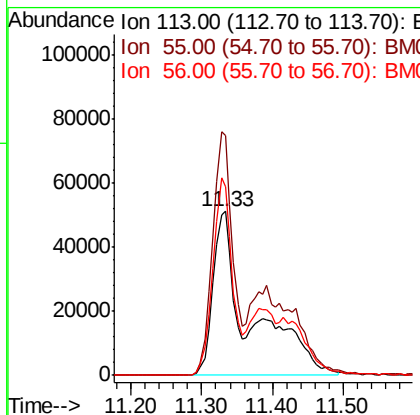
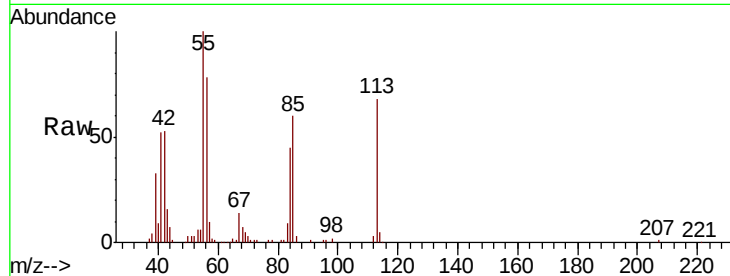
ClientSampleID :

PB115173BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.3	153.1	193.1#
56	114.8	112.7	152.7

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#36

4-Chloro-3-methylphenol

Concen: 47.977 ng/ml

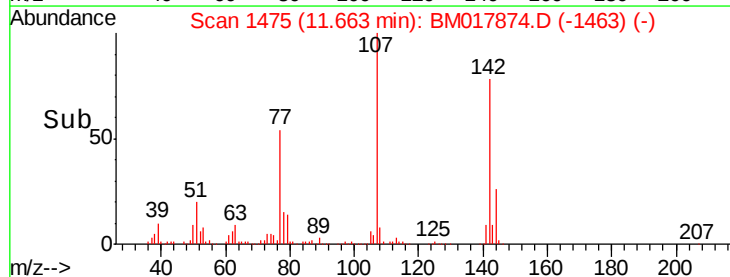
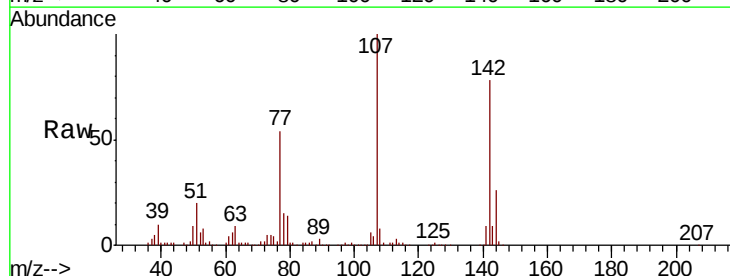
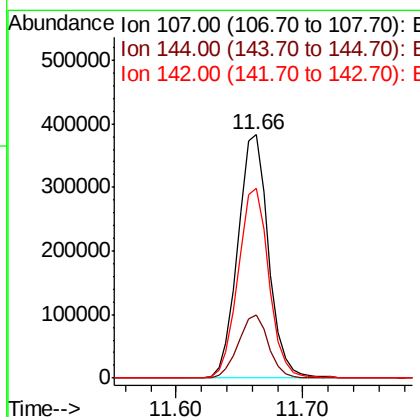
RT: 11.66 min Scan# 1475

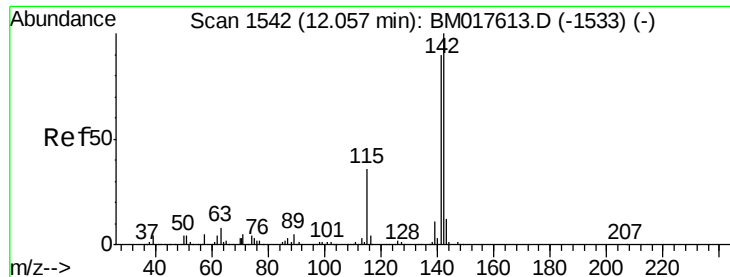
Delta R.T. -0.03 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.9	29.9
142	77.8	63.0	94.4





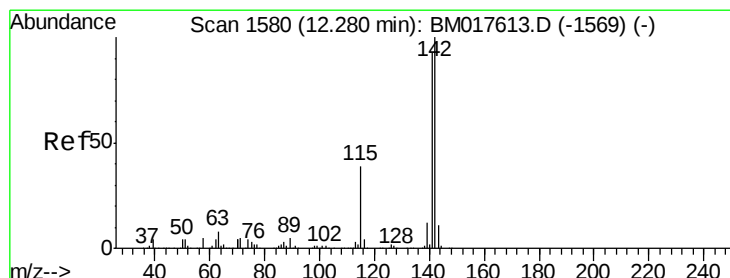
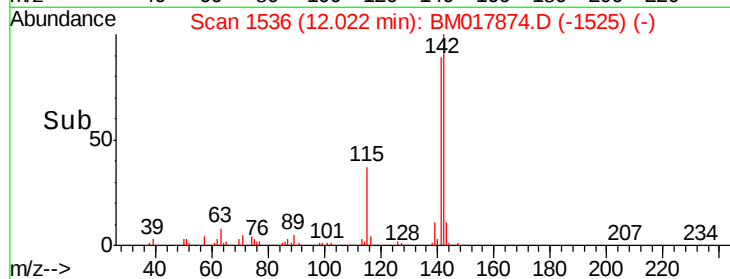
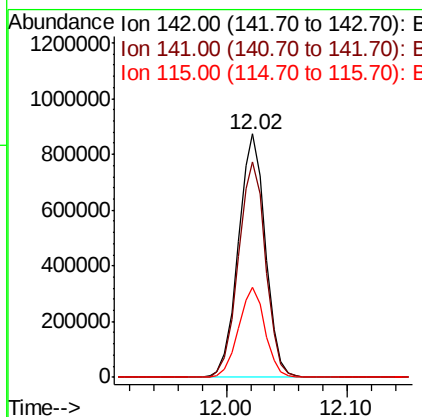
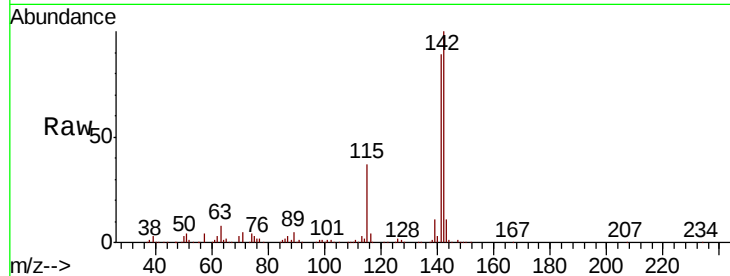
#37
2-Methylnaphthalene
Concen: 51.342 ng
RT: 12.02 min Scan# 1536
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.2	108.4
115	36.8	28.5	42.7

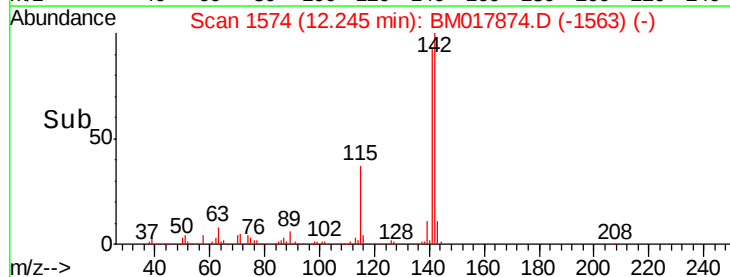
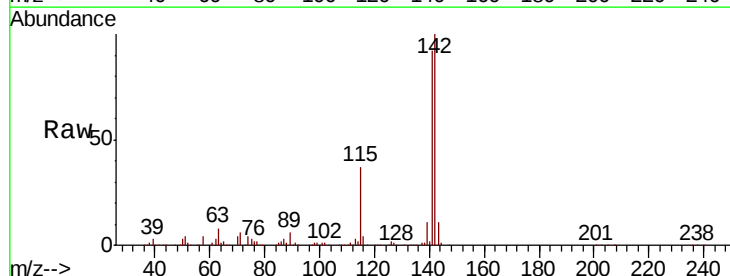
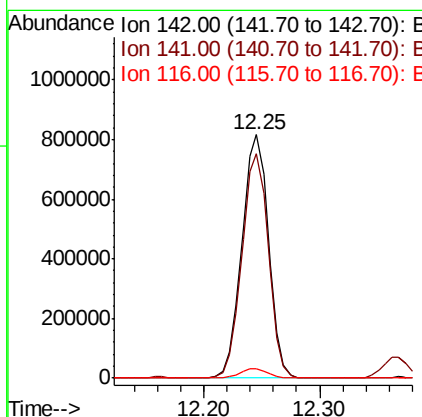
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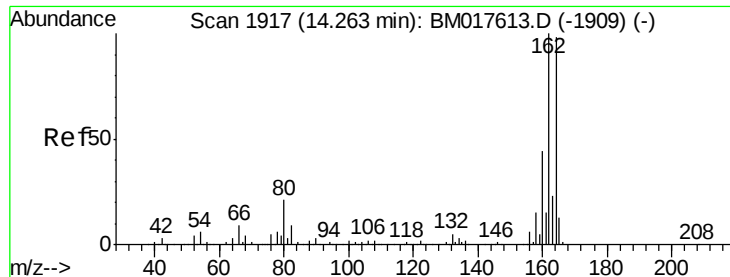
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#38
1-Methylnaphthalene
Concen: 50.092 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	4.0	3.1	4.7





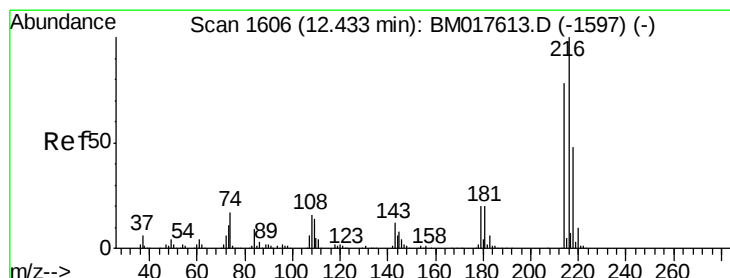
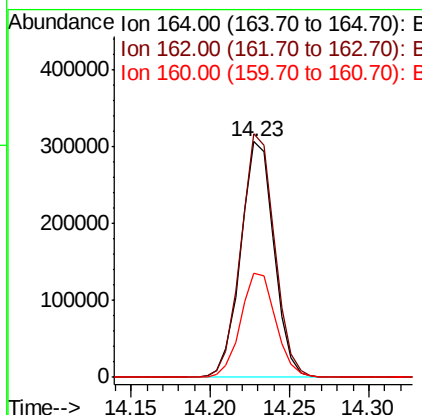
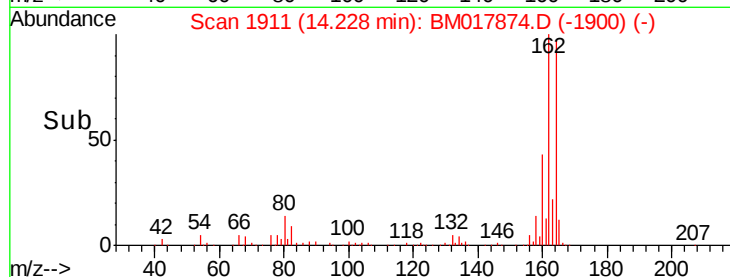
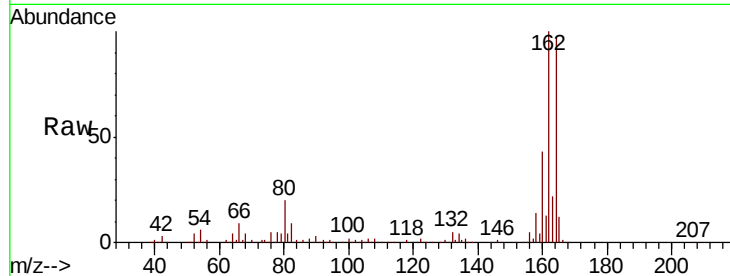
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	44.4	35.6	53.4

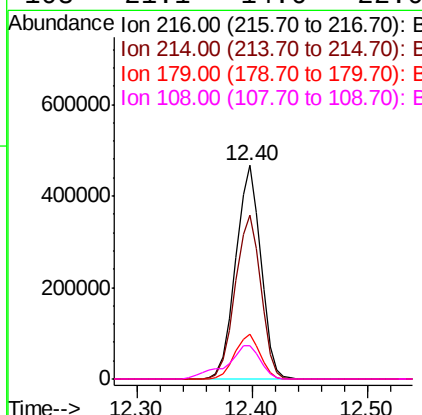
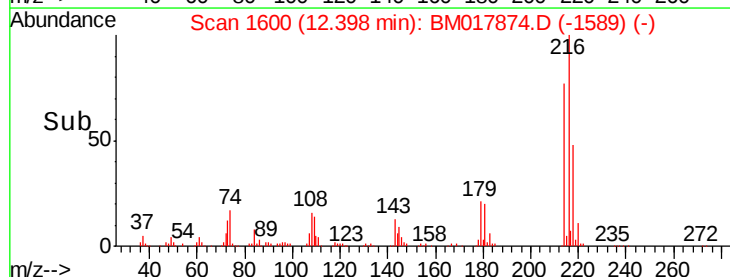
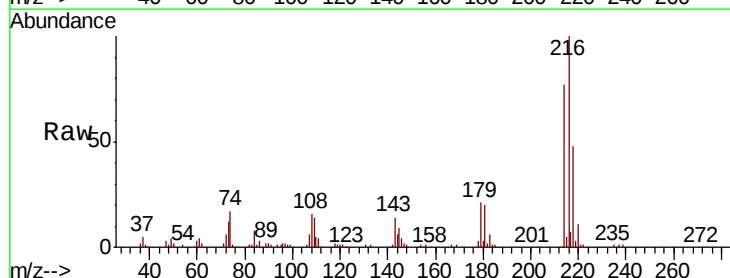
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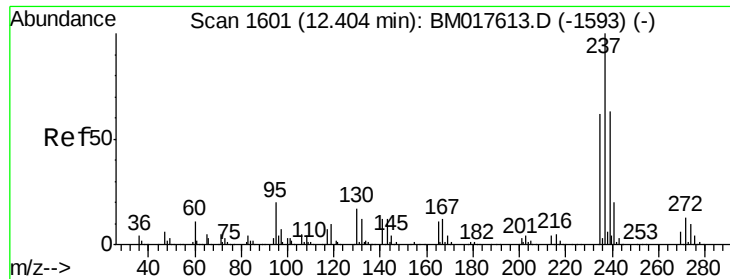
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.687 ng
RT: 12.40 min Scan# 1600
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.5	93.7
179	21.1	16.8	25.2
108	21.1	14.6	22.0





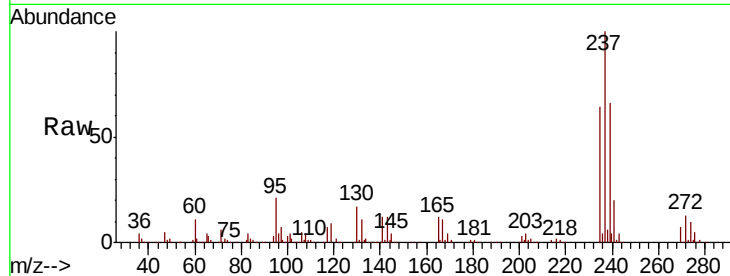
#41
Hexachlorocyclopentadiene
Concen: 110.009 ng
RT: 12.37 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

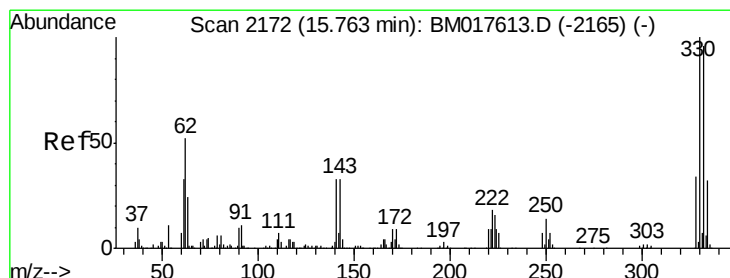
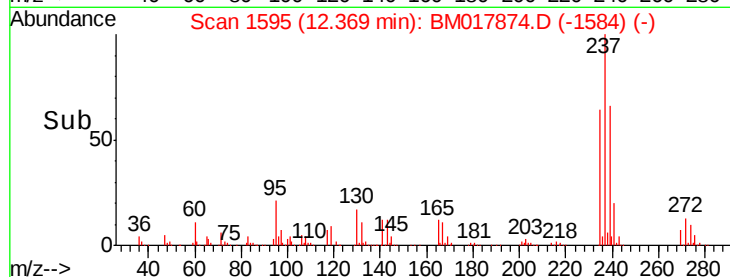
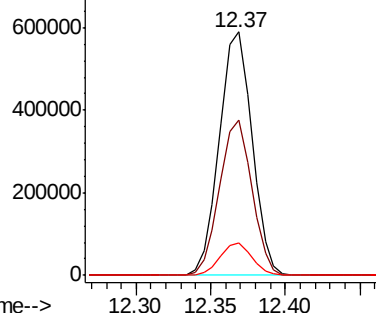
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	42.2	82.2
272	13.2	0.0	32.6

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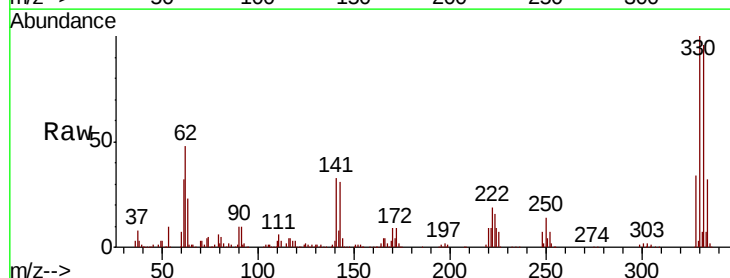


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

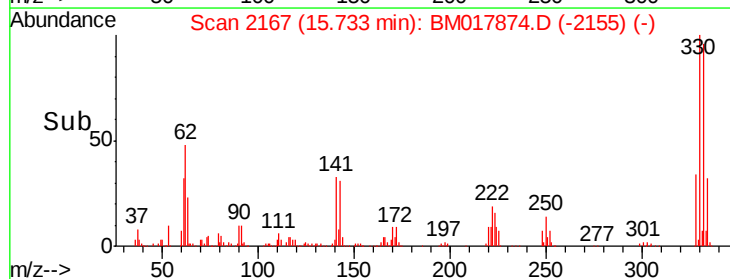
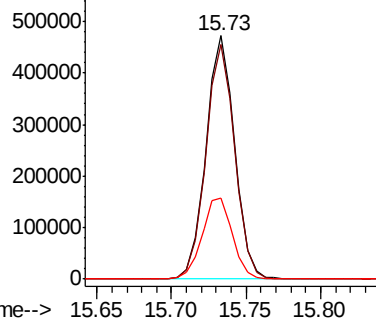


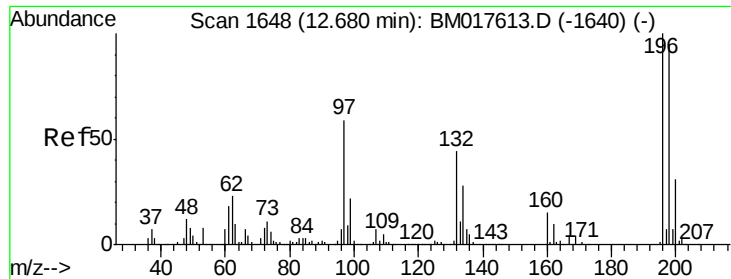
#42
2,4,6-Tribromophenol
Concen: 98.623 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	77.9	116.9
141	35.4	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





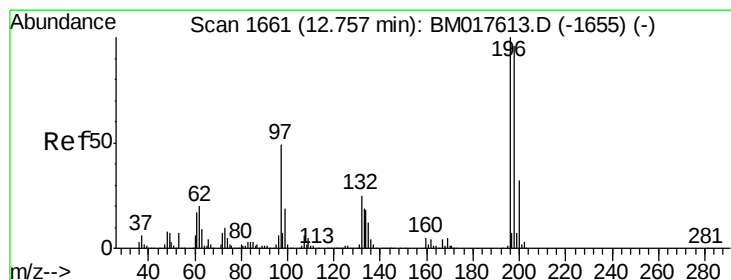
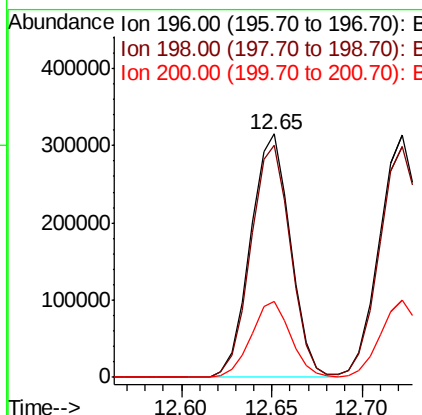
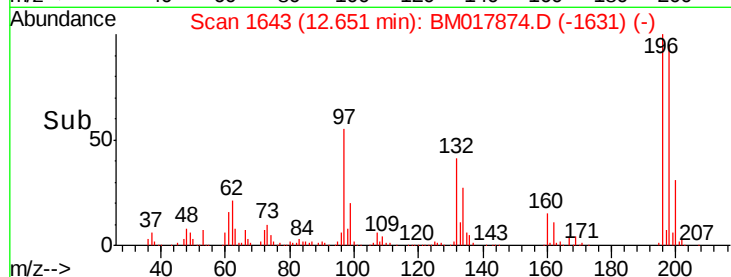
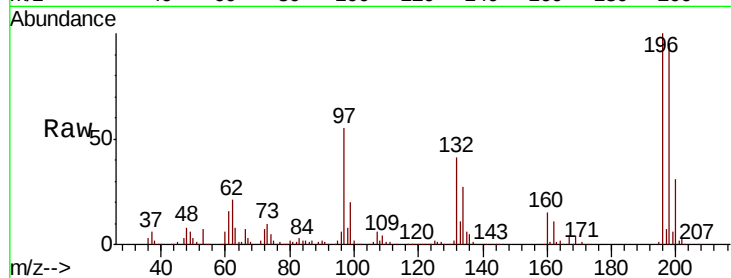
#43
 2,4,6-Trichlorophenol
 Concen: 49.014 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	482969		
198	95.3	75.6	113.4	
200	31.3	24.8	37.2	

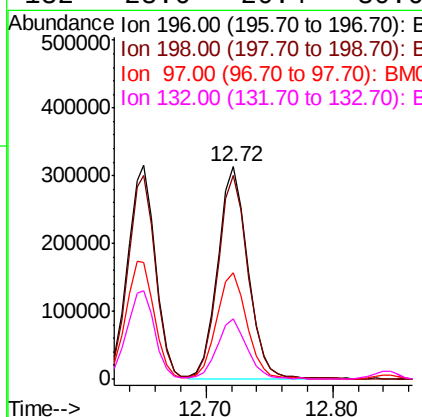
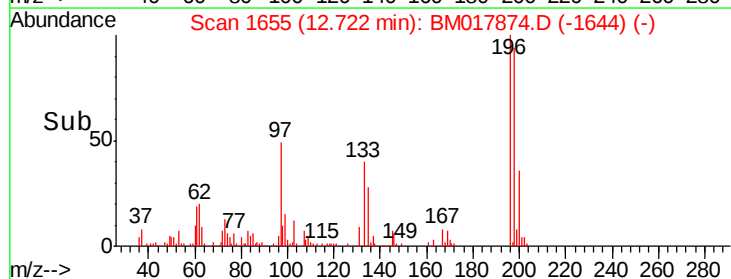
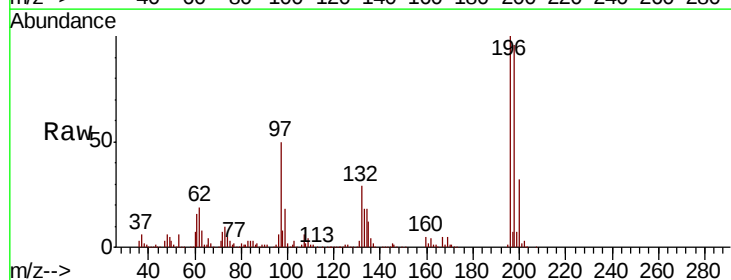
Manual Integrations
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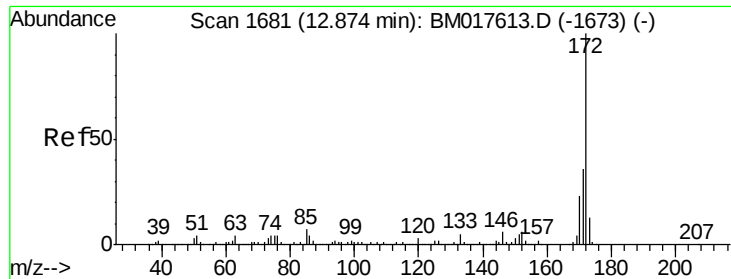
mohammad
 12/3/2018 4:58:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.325 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	513192		
198	95.6	76.8	115.2	
97	50.0	39.0	58.6	
132	28.6	20.4	30.6	





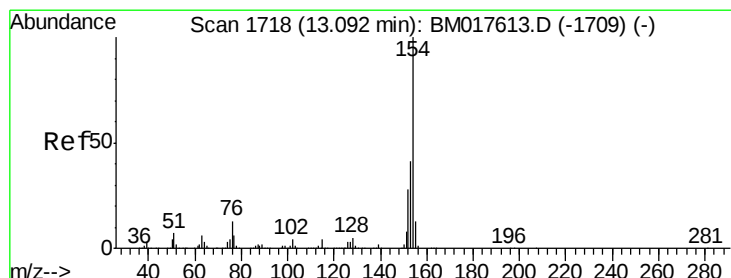
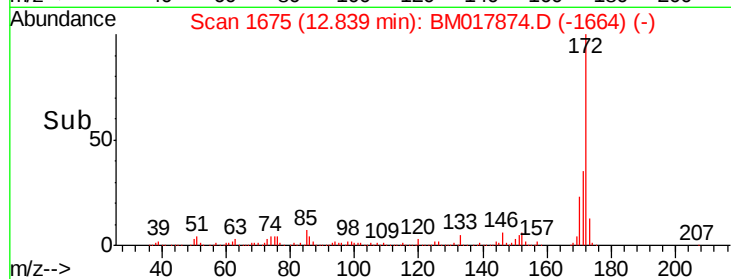
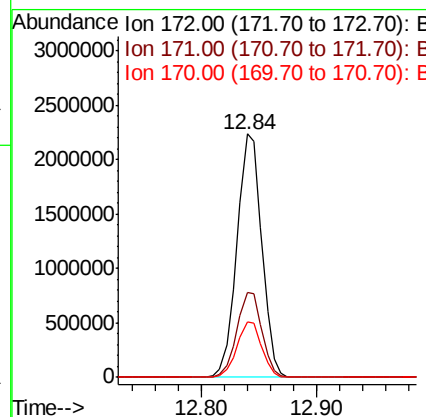
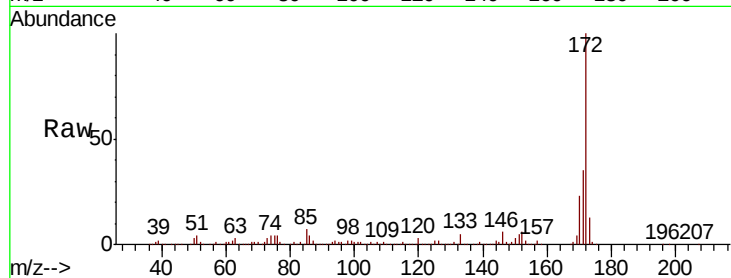
#45
2-Fluorobiphenyl
Concen: 96.587 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	22.8	18.3	27.5

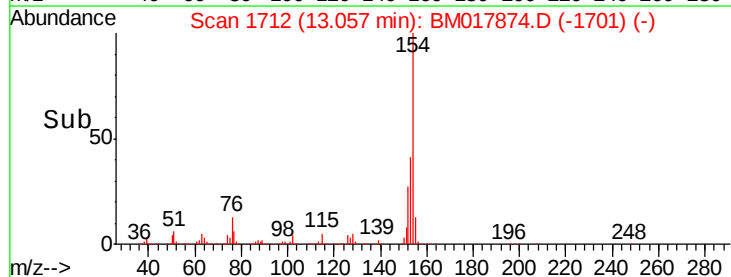
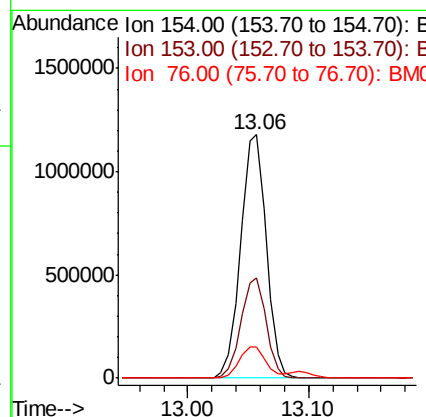
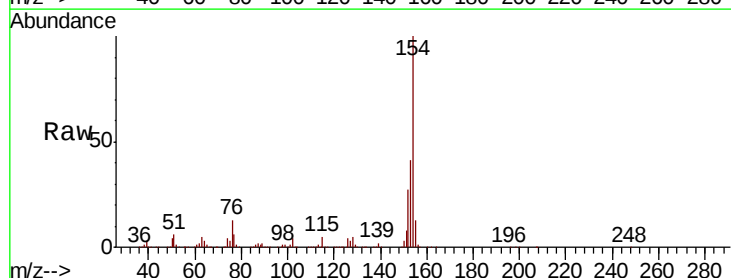
Manual Integrations
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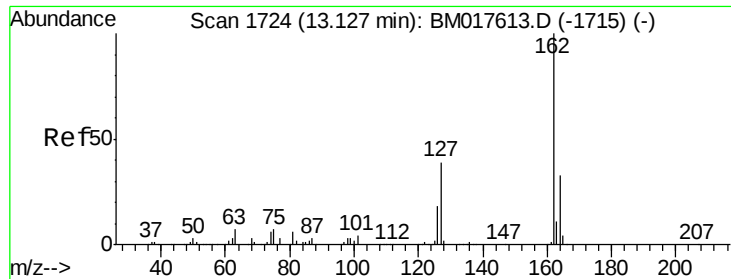
mohammad
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#46
1,1'-Biphenyl
Concen: 43.641 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.6	0.0	32.8





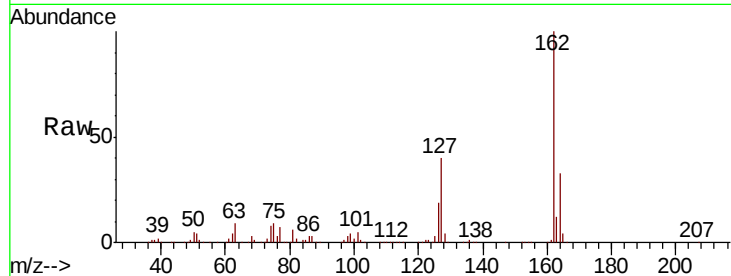
#47
2-Chloronaphthalene
Concen: 45.796 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.6	48.8
164	32.5	26.5	39.7

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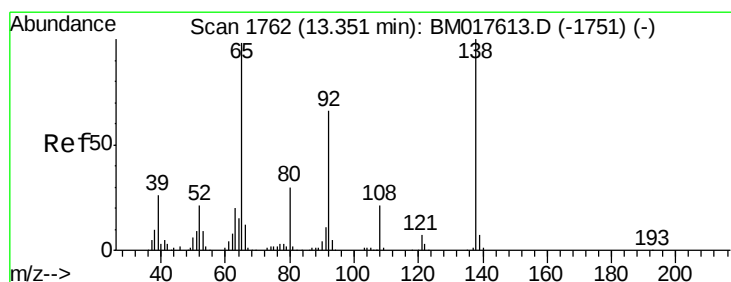
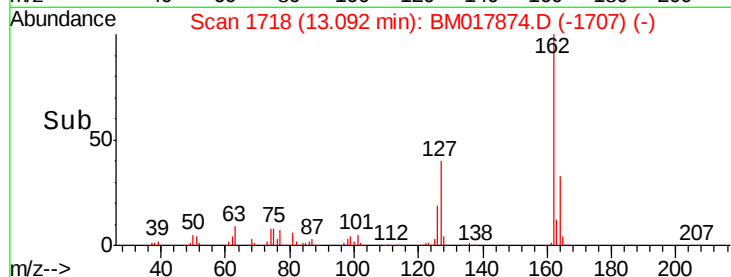
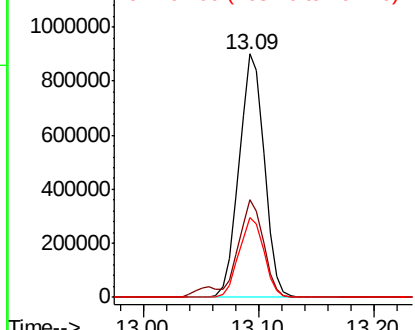


Abundance

Ion 162.00 (161.70 to 162.70): E

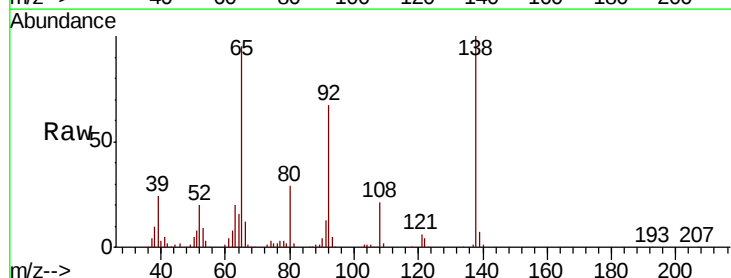
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.001 ng
RT: 13.32 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	53.7	80.5
138	105.3	81.5	122.3

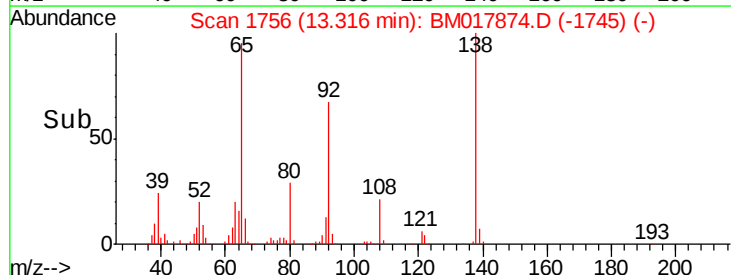
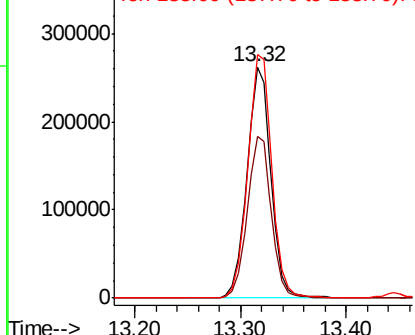


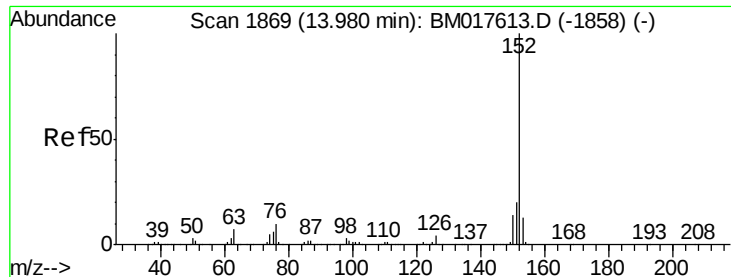
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





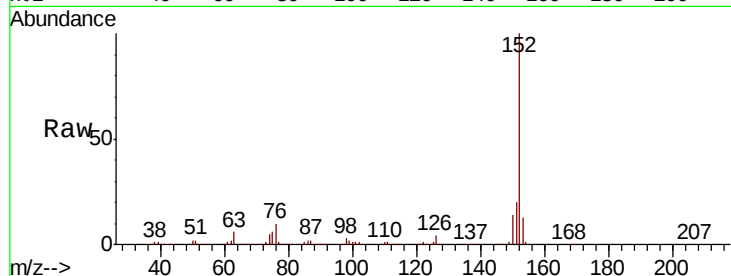
#49
Acenaphthylene
Concen: 49.808 ng
RT: 13.95 min Scan# 1864
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

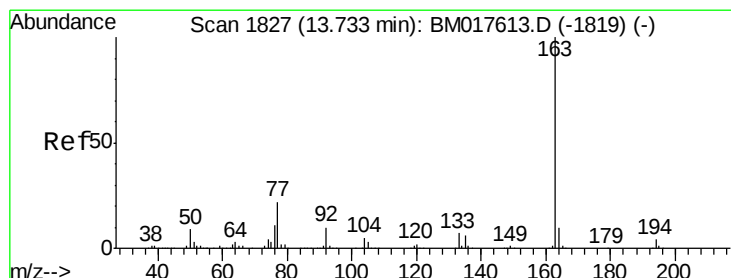
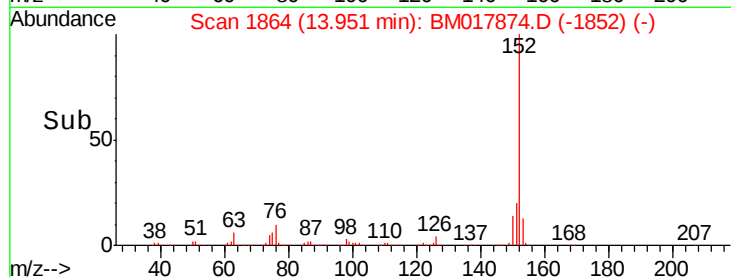
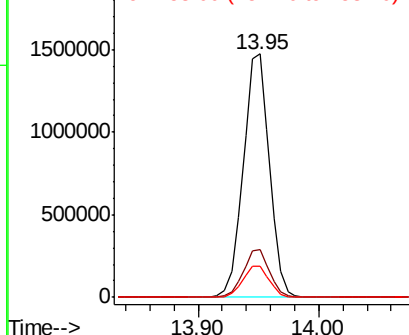
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.8	10.5	15.7

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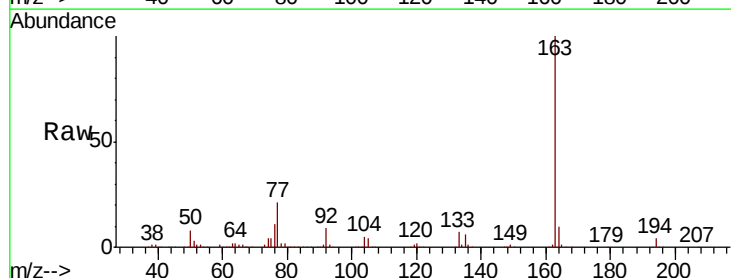


Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

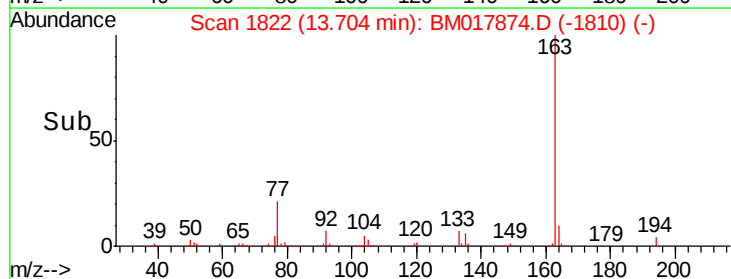
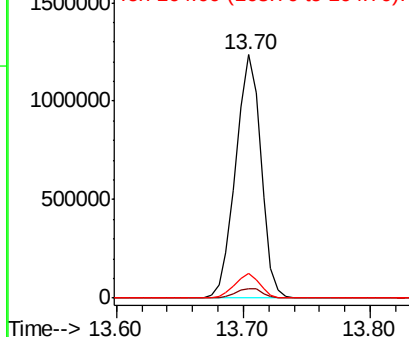


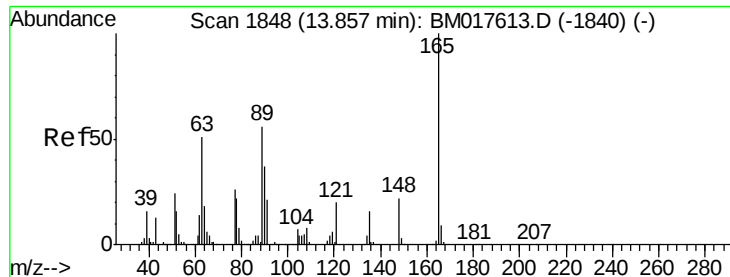
#50
Dimethylphthalate
Concen: 46.964 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.0	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





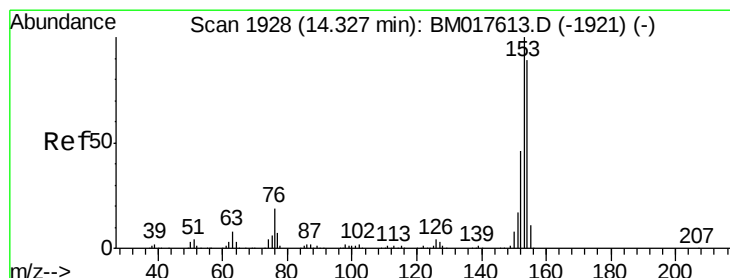
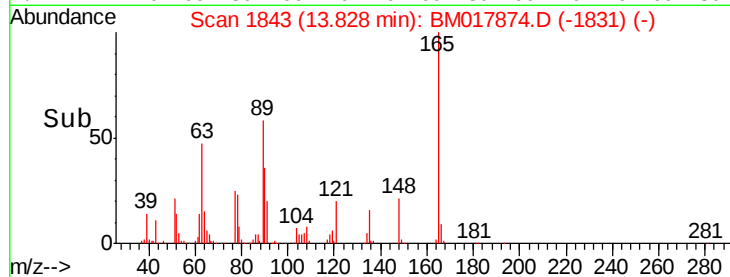
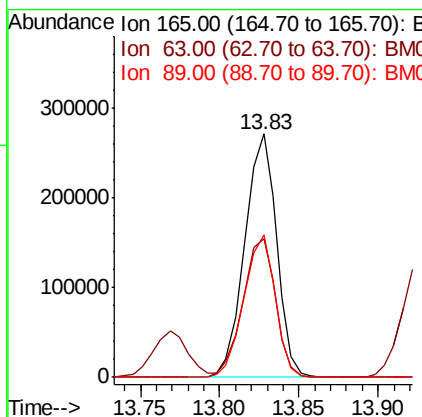
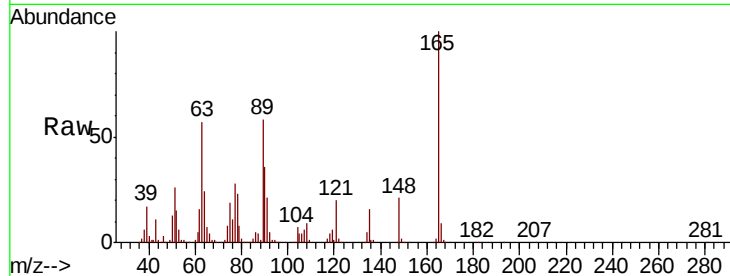
#51
 2,6-Dinitrotoluene
 Concen: 46.923 ng
 RT: 13.83 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BSD

Tot Ion:	165	Resp:	378986
Ion Ratio	Lower	Upper	
165	100		
63	56.8	47.3	70.9
89	58.3	44.8	67.2

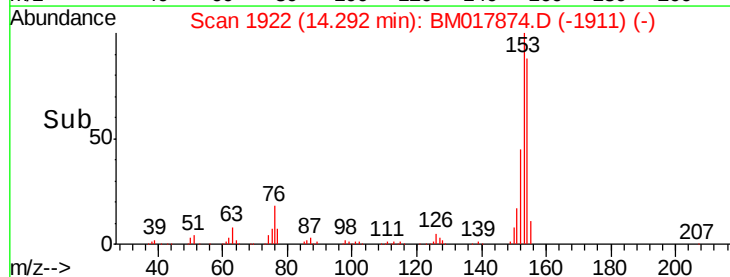
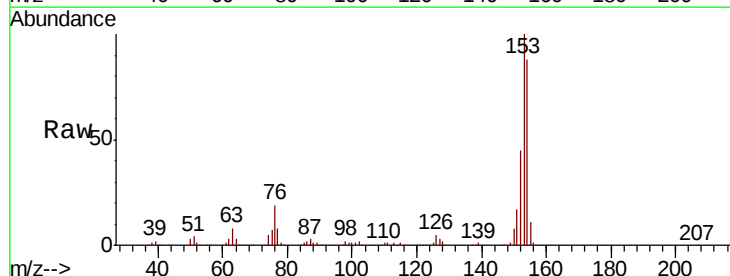
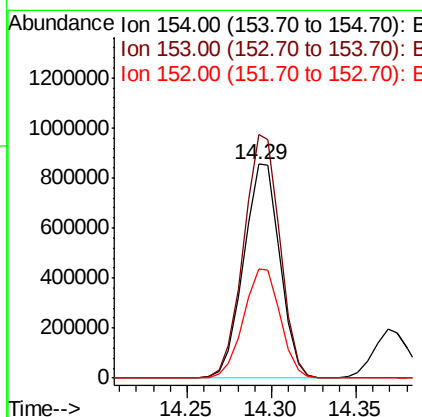
Manual Integrations
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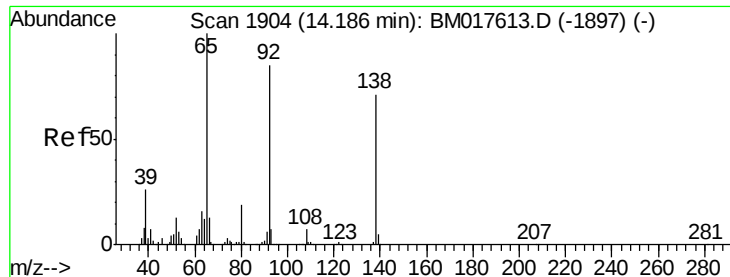
mohammad
 12/3/2018 4:58:38 PM



#52
 Acenaphthene
 Concen: 46.692 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.04 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion:	154	Resp:	1279657
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.2	135.4
152	51.3	41.6	62.4





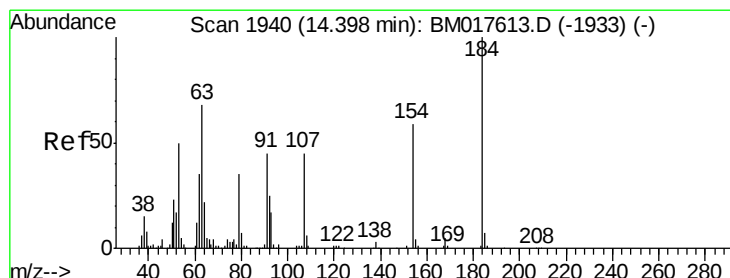
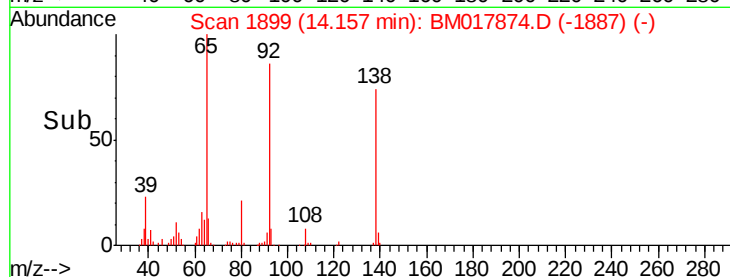
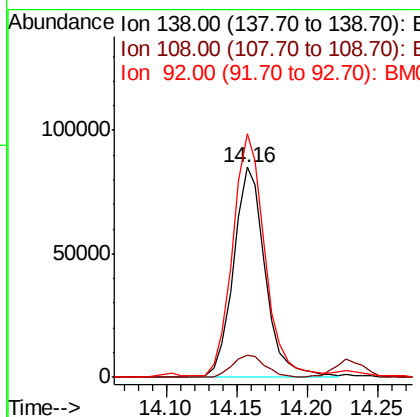
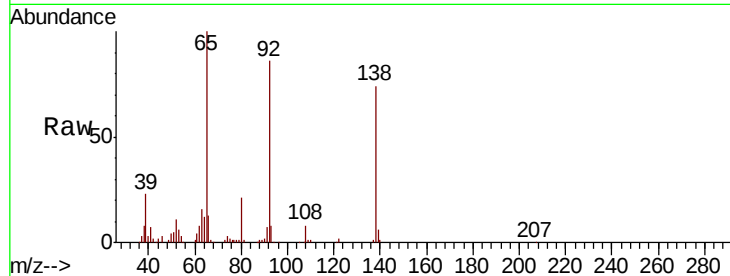
#53
3-Nitroaniline
Concen: 15.166 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.2
92	116.0	95.4	143.2

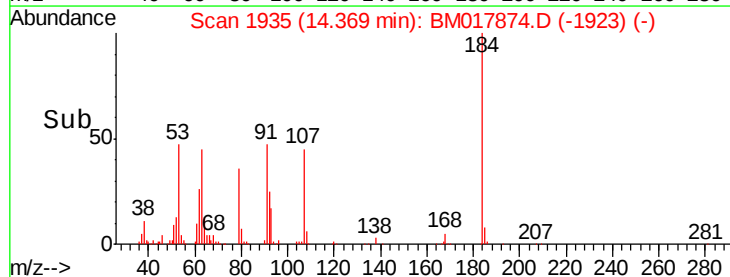
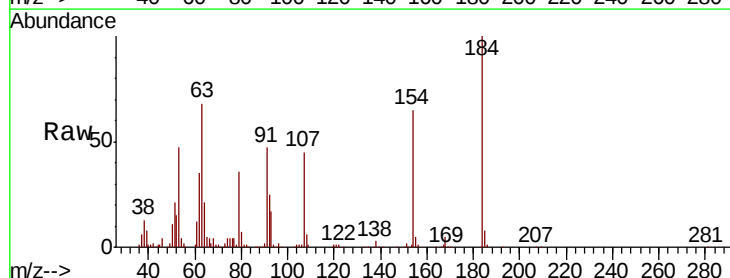
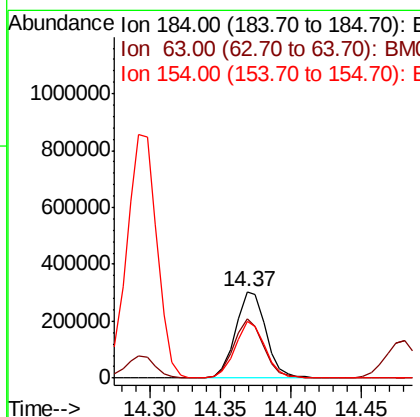
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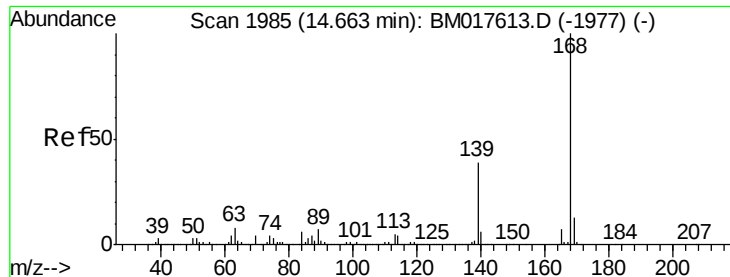
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#54
2,4-Dinitrophenol
Concen: 91.777 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.2	55.1	82.7
154	64.9	51.3	76.9





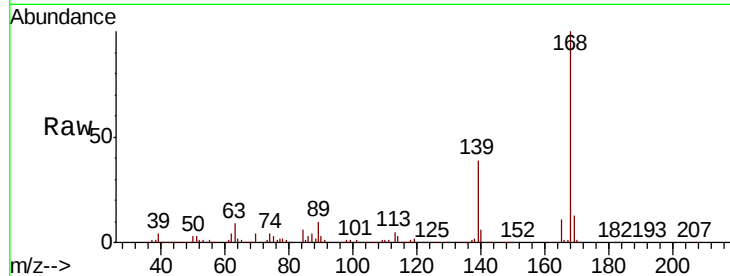
#55
Dibenzofuran
Concen: 46.589 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.0	46.6
169	13.4	10.6	16.0

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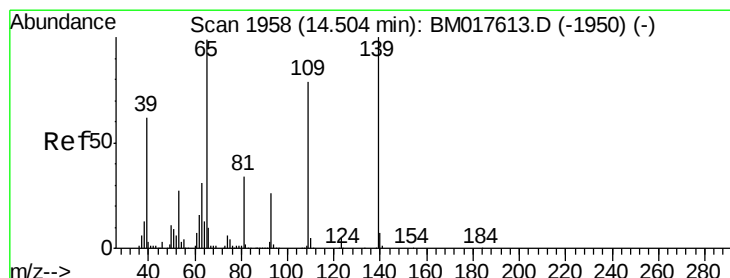
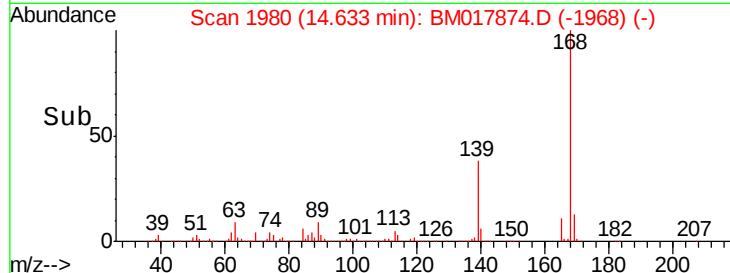
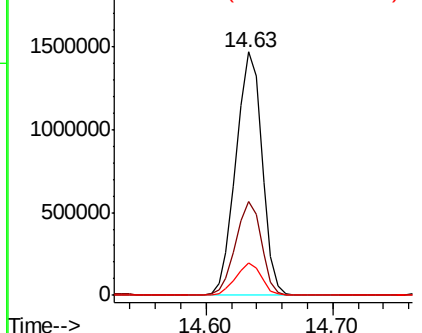


Abundance

Ion 168.00 (167.70 to 168.70): E

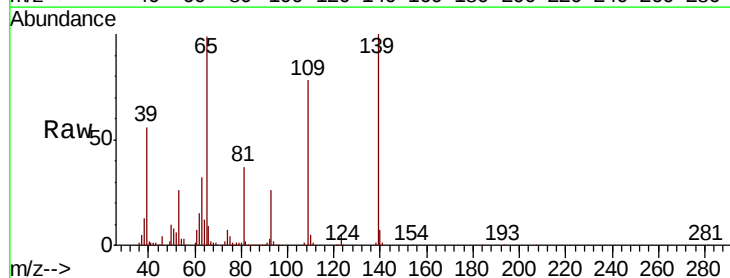
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 89.430 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.2	58.6	98.6
65	99.2	79.5	119.5

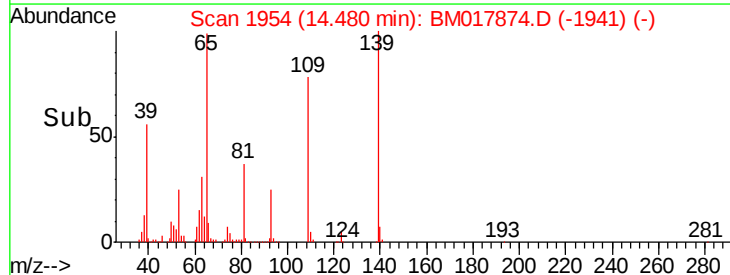
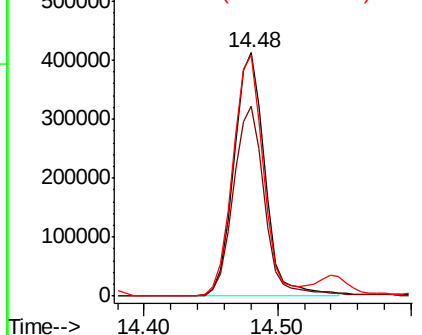


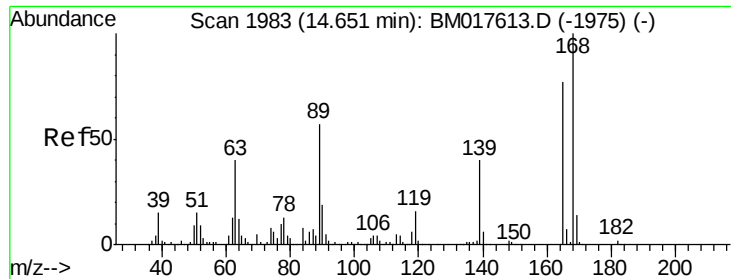
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





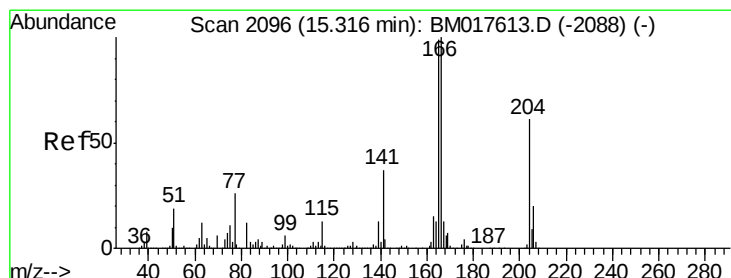
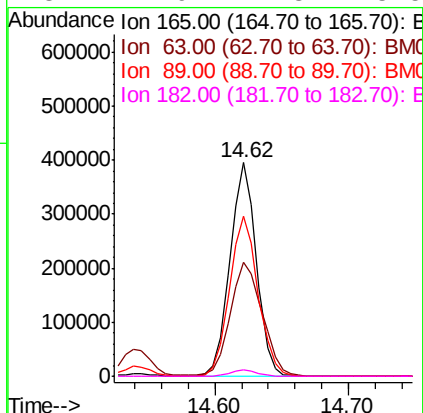
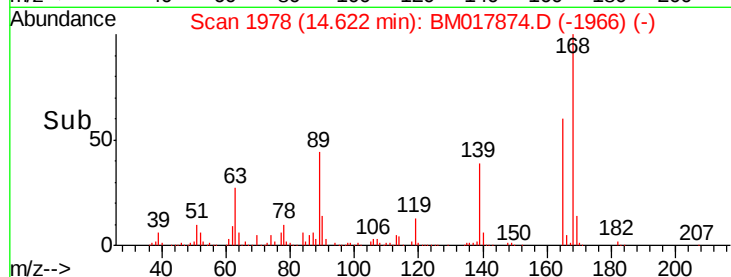
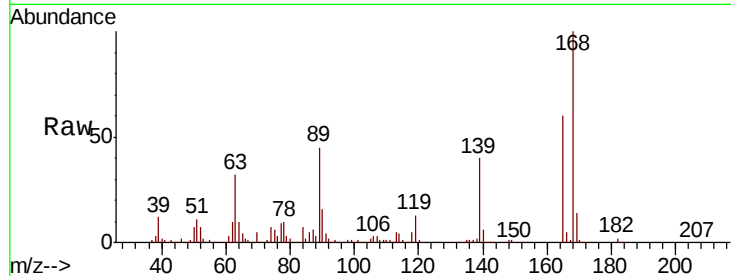
#57
2,4-Dinitrotoluene
Concen: 50.149 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.1	41.8	62.8	
89	75.1	59.5	89.3	
182	2.9	2.3	3.5	

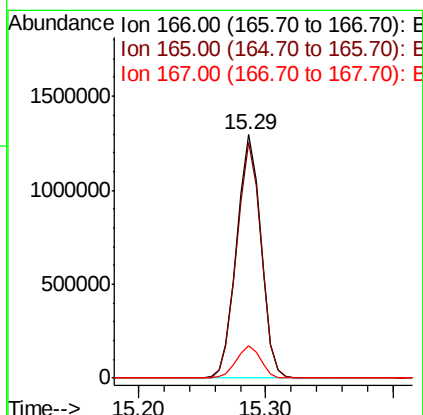
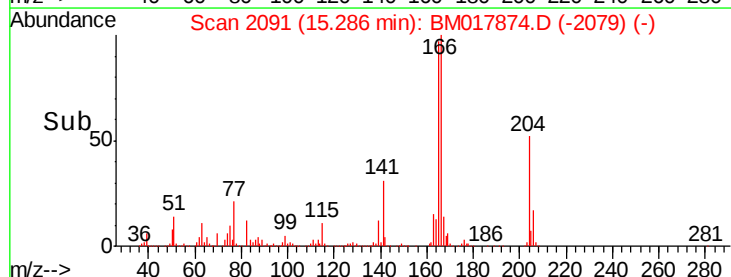
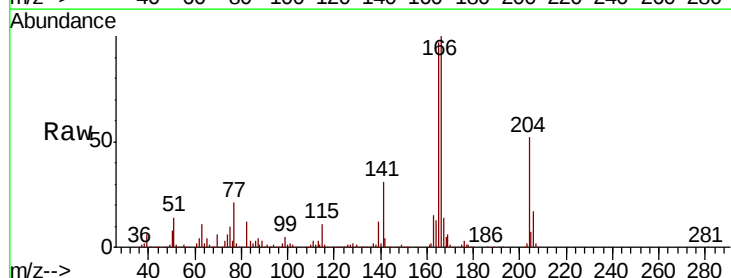
Manual Integrations
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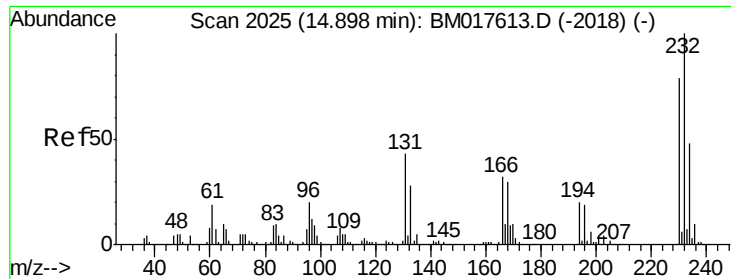
mohammad
12/3/2018 4:58:38 PM



#58
Fluorene
Concen: 50.034 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.9	79.0	118.6	
167	13.5	10.8	16.2	





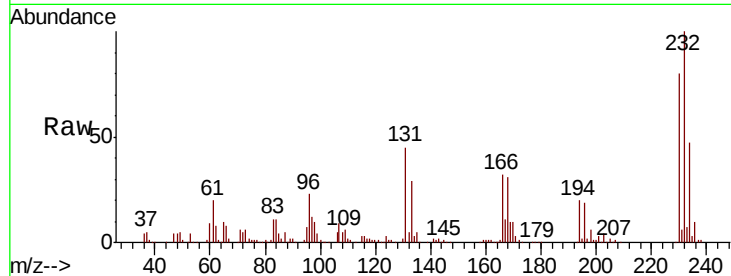
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.834 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

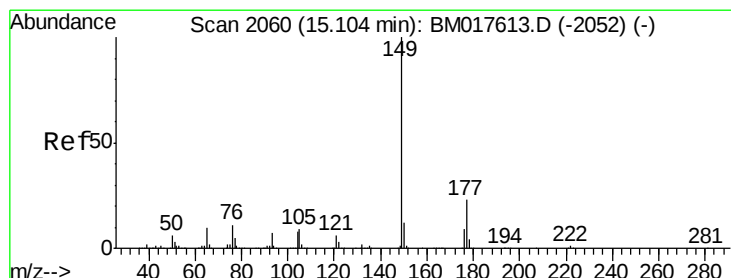
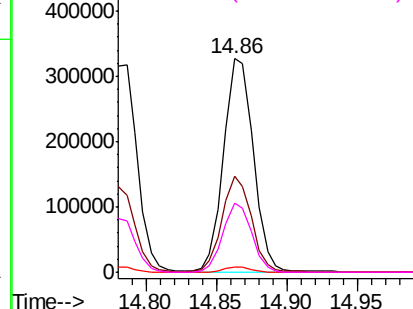
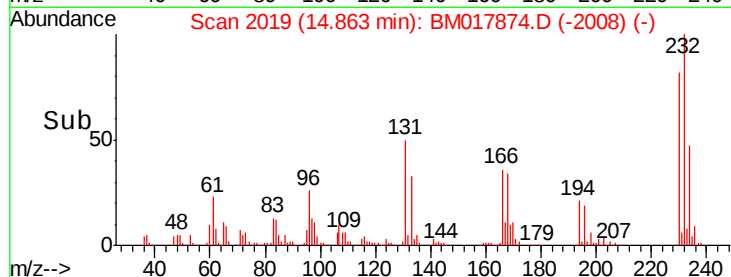
Tot Ion	Ratio	Resp	Lower	Upper
232	100	476887		
131	44.6	34.8	52.2	
130	2.4	1.9	2.9	
166	31.9	25.3	37.9	

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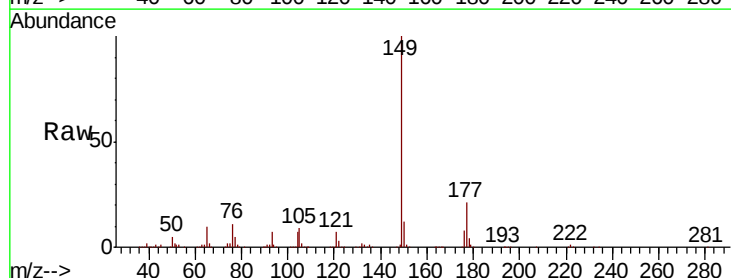


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

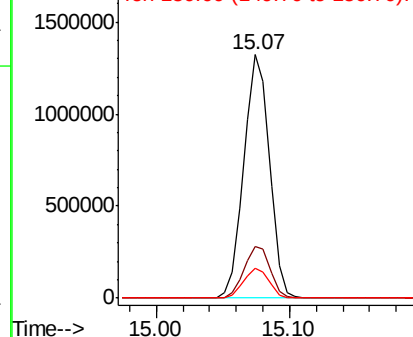
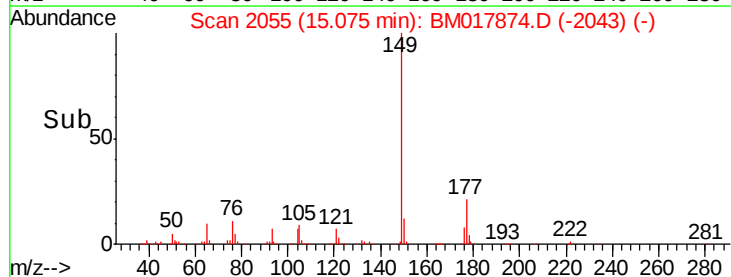


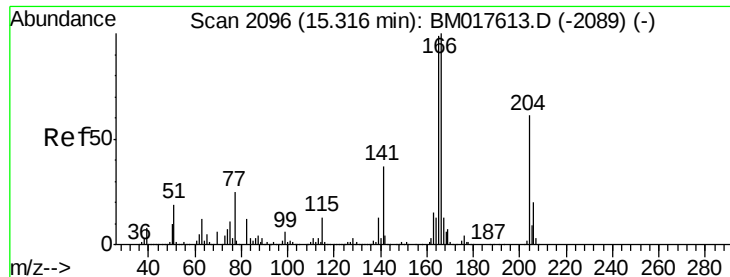
#60
Diethylphthalate
Concen: 44.647 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1749742		
177	21.3	18.1	27.1	
150	12.1	9.9	14.9	



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





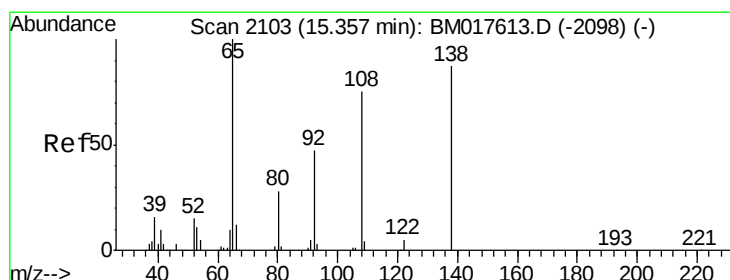
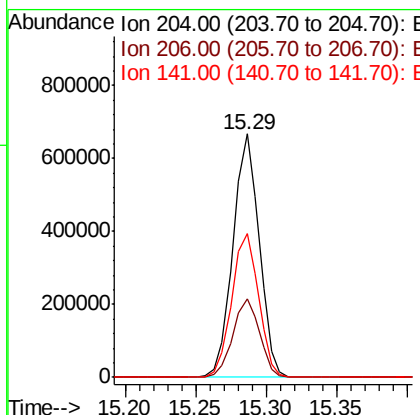
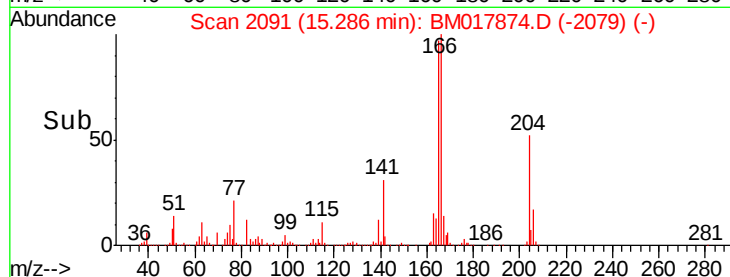
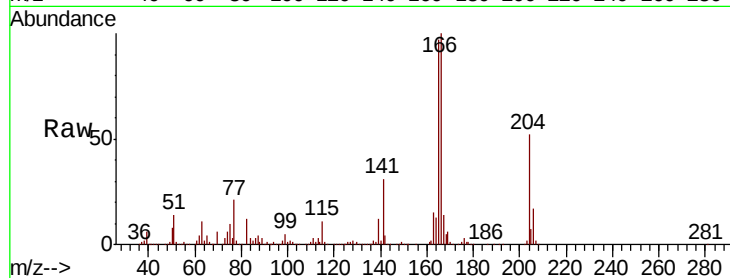
#61
4-Chlorophenyl-phenylether
Concen: 44.375 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	59.3	47.9	71.9

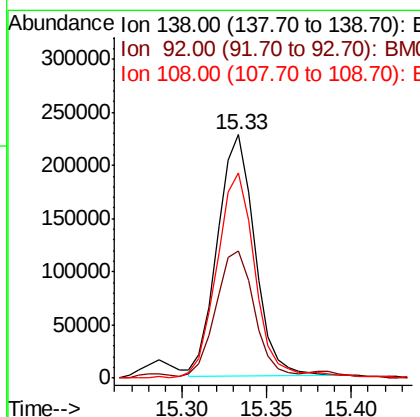
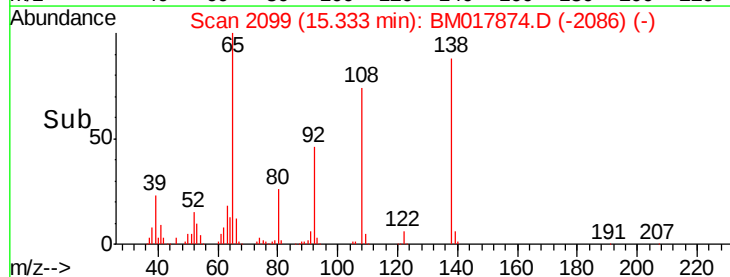
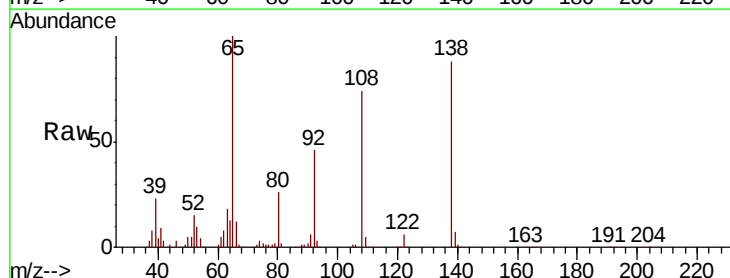
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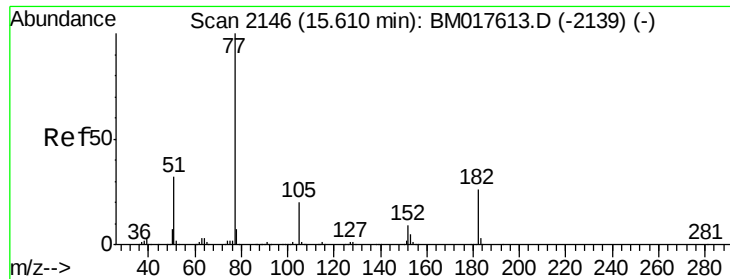
mohammad
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#62
4-Nitroaniline
Concen: 42.081 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	33.4	73.4
108	84.4	64.3	104.3





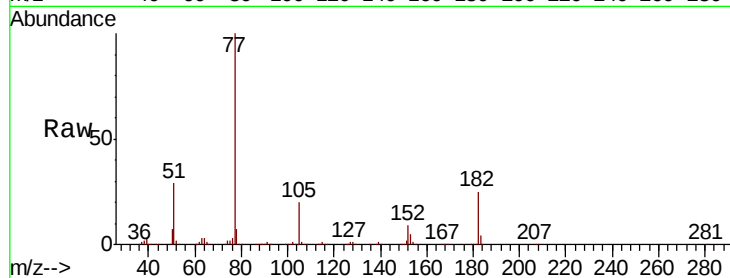
#63
Azobenzene
Concen: 47.518 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.7	5.8	45.8	
105	20.2	0.0	40.0	
51	29.0	12.5	52.5	

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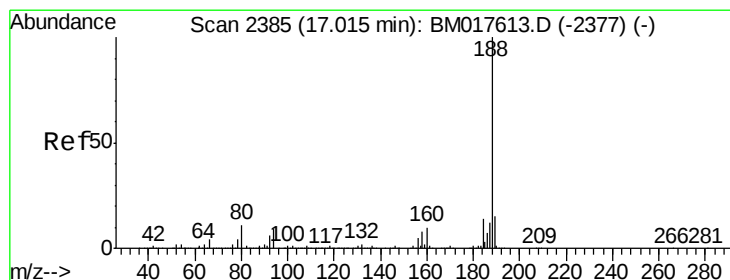
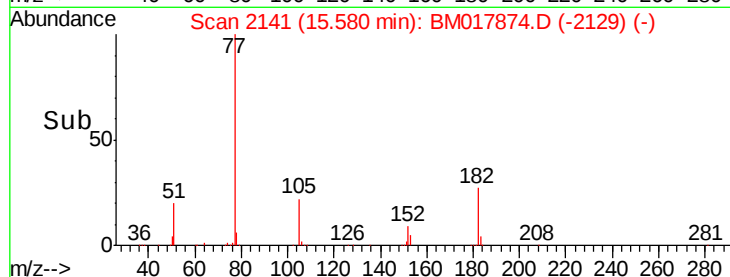
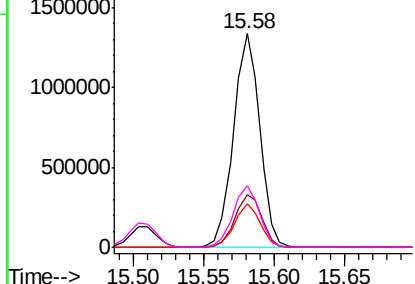
Abundance

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

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

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

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

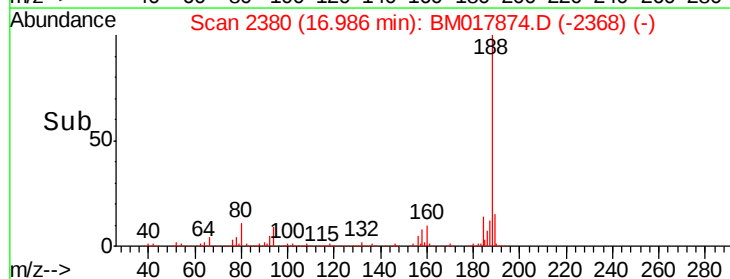
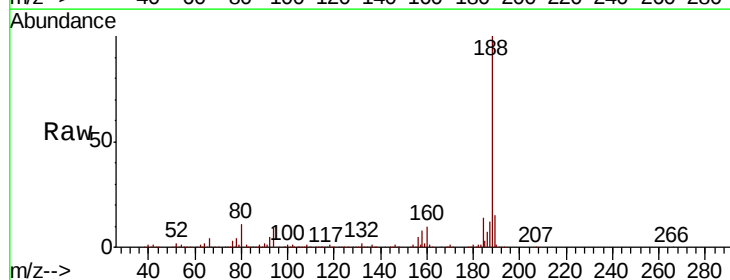
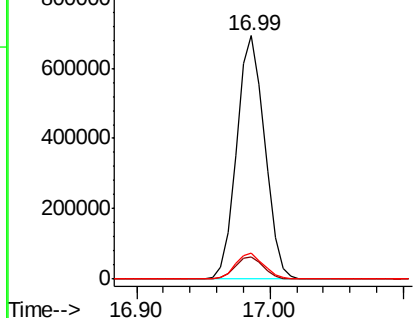
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.5	11.3	
80	10.6	8.6	13.0	

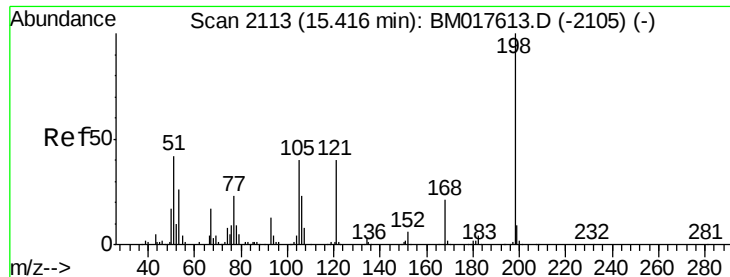
Abundance

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

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

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





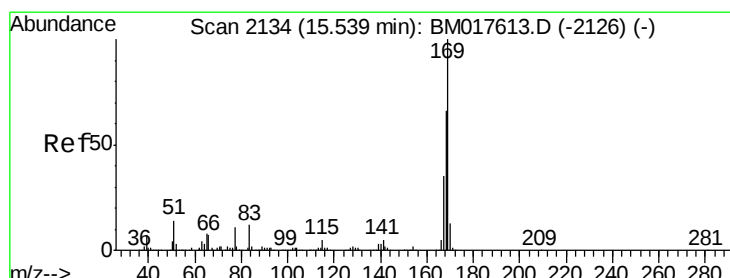
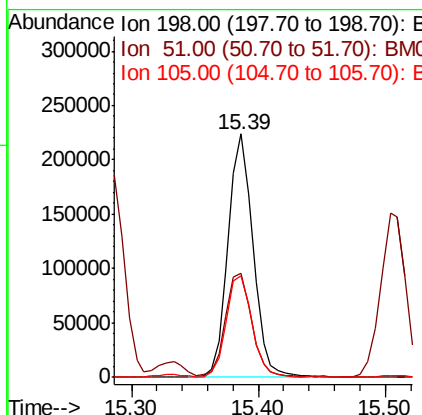
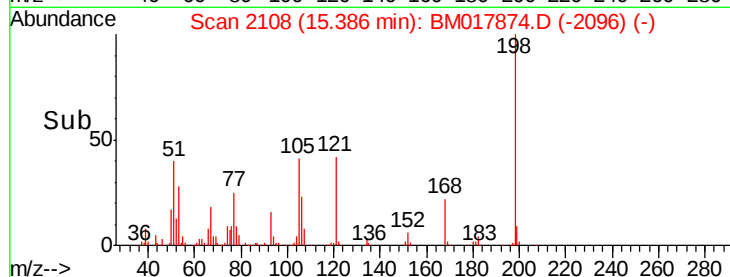
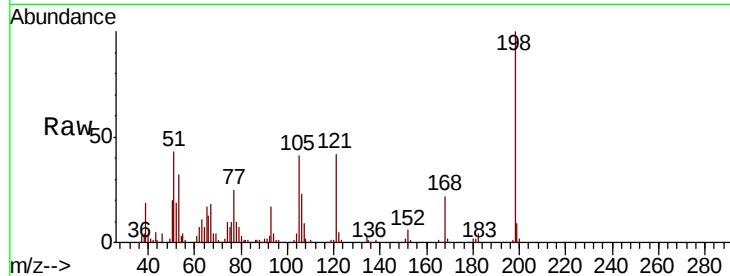
#65
4,6-Dinitro-2-methylphenol
Concen: 44.030 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	306730		
51	42.9	25.9	65.9	
105	41.5	20.6	60.6	

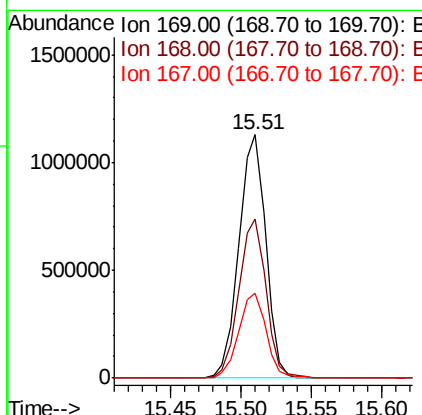
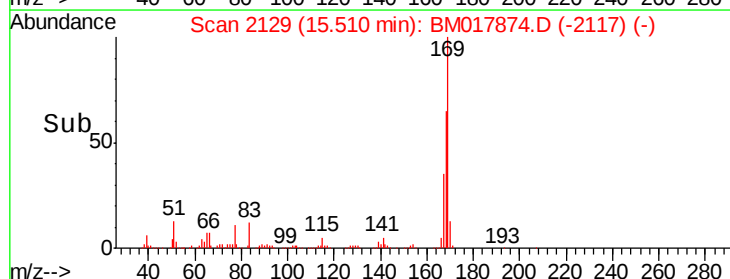
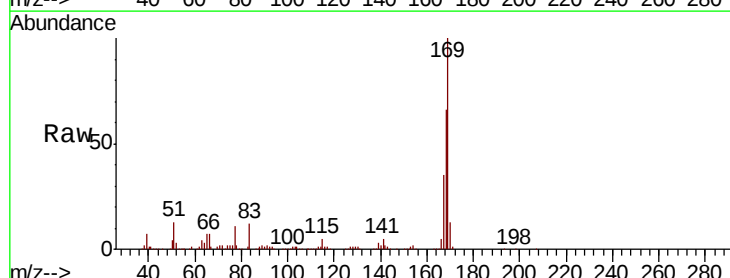
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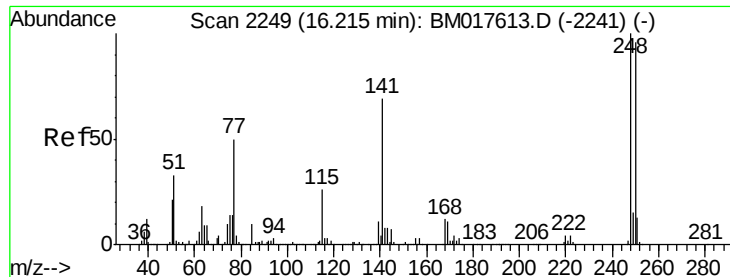
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#66
n-Nitrosodiphenylamine
Concen: 46.317 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1497492		
168	65.6	53.0	79.6	
167	34.9	28.0	42.0	





#67

4-Bromophenyl-phenylether

Concen: 45.442 ng

RT: 16.18 min Scan# 2243

Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

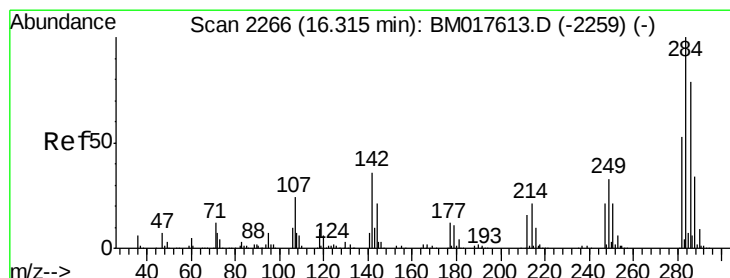
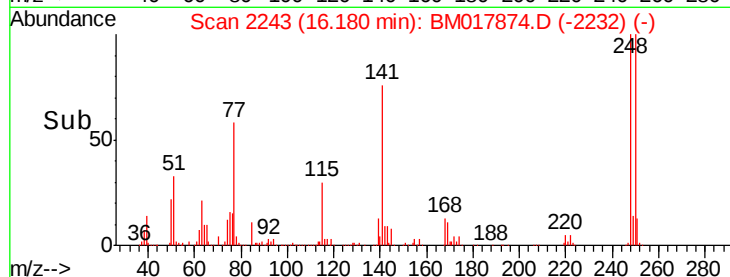
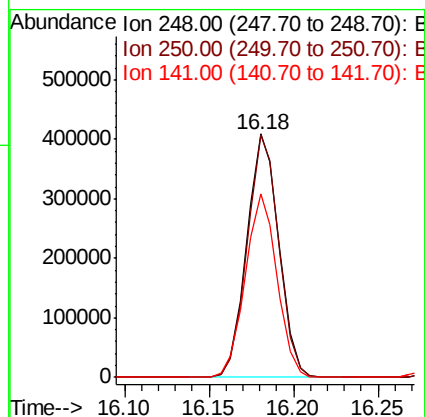
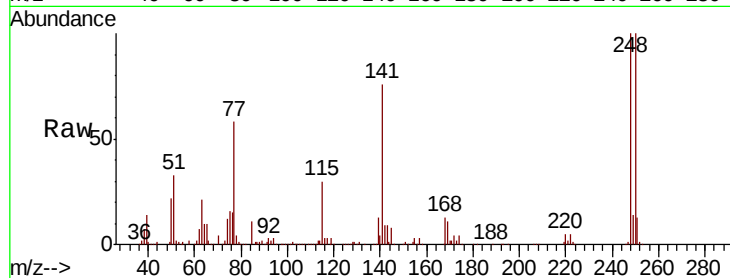
ClientSampleId :

PB115173BSD

Tot Ion:	248	Resp:	540450
Ion Ratio	Lower	Upper	
248	100		
250	99.5	76.5	114.7
141	75.6	54.9	82.3

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#68

Hexachlorobenzene

Concen: 45.176 ng

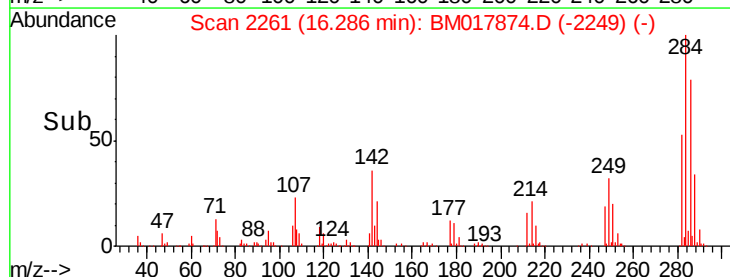
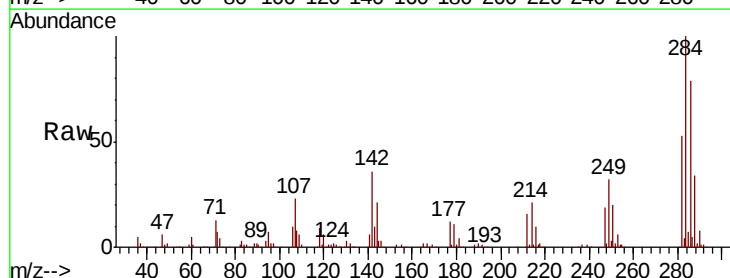
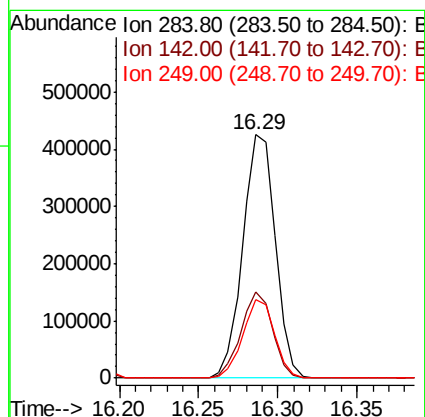
RT: 16.29 min Scan# 2261

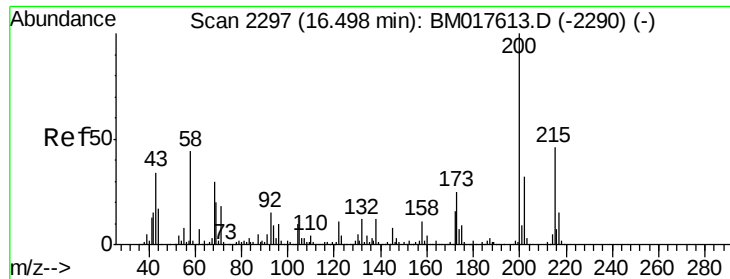
Delta R.T. -0.03 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion:	284	Resp:	605695
Ion Ratio	Lower	Upper	
284	100		
142	35.5	28.4	42.6
249	32.3	26.4	39.6





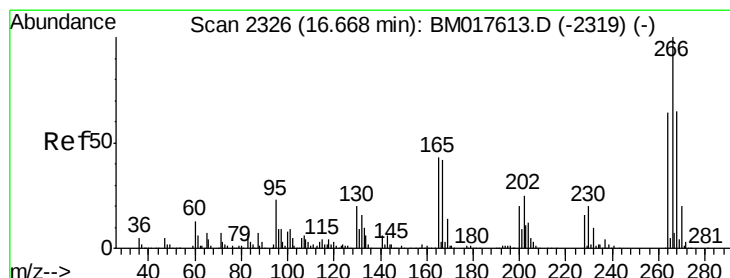
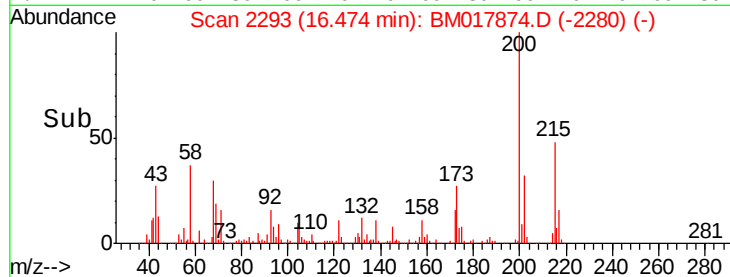
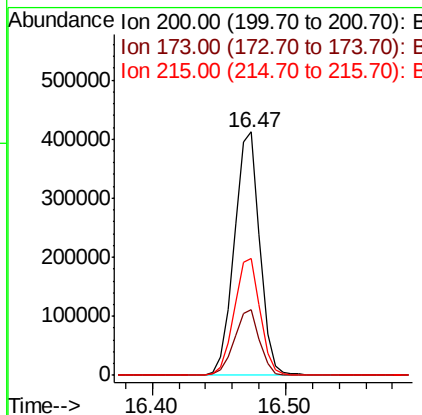
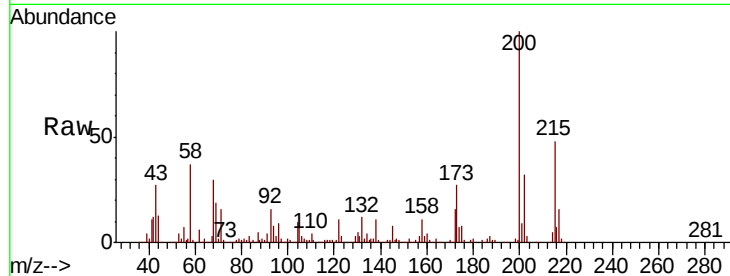
#69
 Atrazine
 Concen: 46.023 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BSD

Tot Ion:	200	Resp:	547278
Ion Ratio	Lower	Upper	
200	100		
173	26.9	5.1	45.1
215	47.8	25.8	65.8

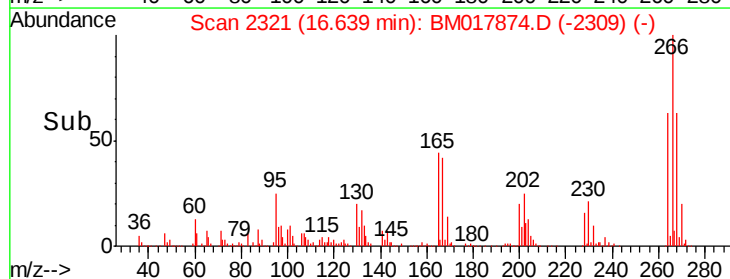
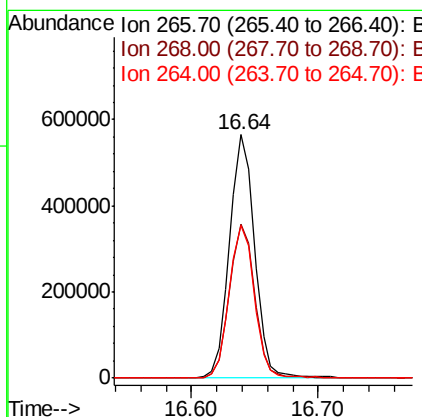
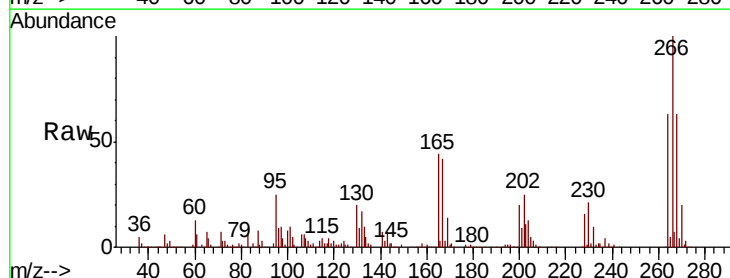
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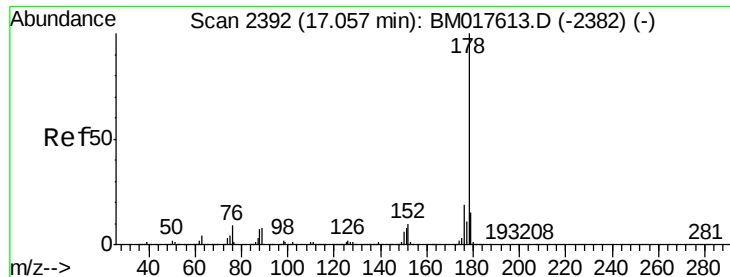
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#70
 Pentachlorophenol
 Concen: 82.447 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.03 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion:	266	Resp:	774529
Ion Ratio	Lower	Upper	
266	100		
268	63.2	51.7	77.5
264	63.0	51.3	76.9





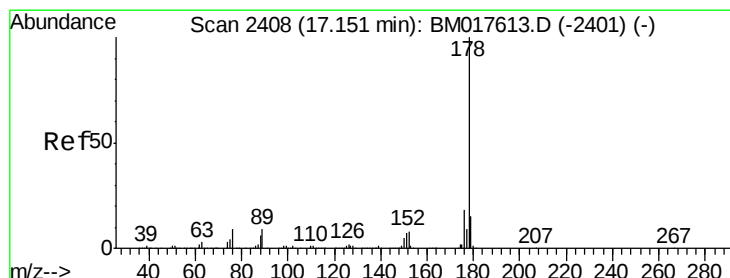
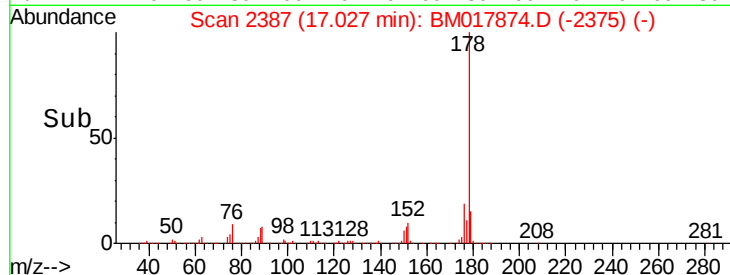
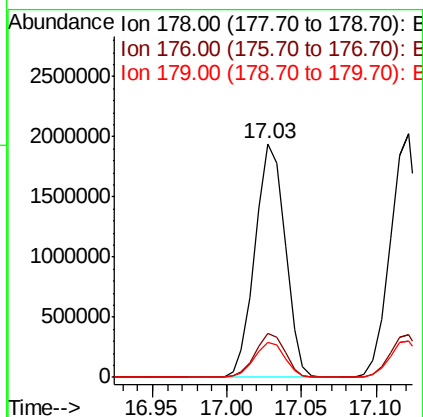
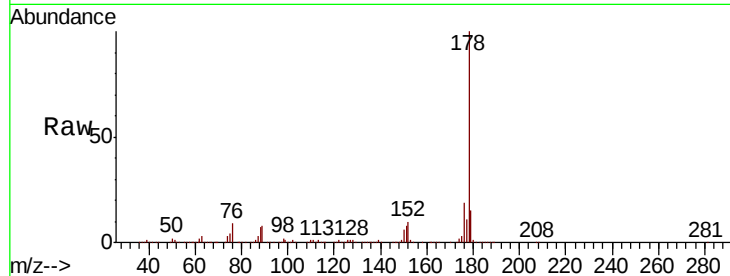
#71
Phenanthrene
Concen: 49.694 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

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

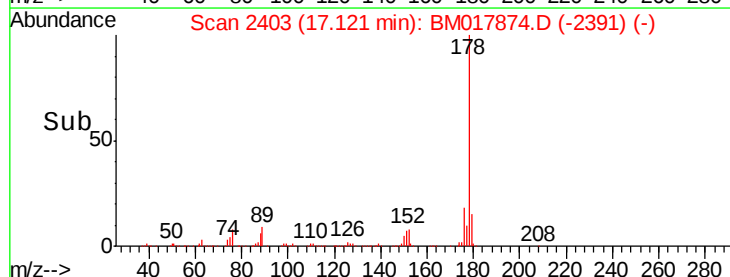
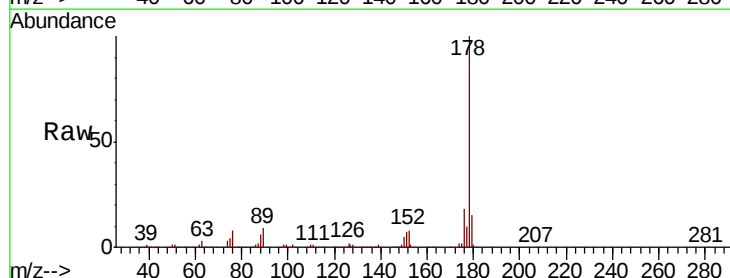
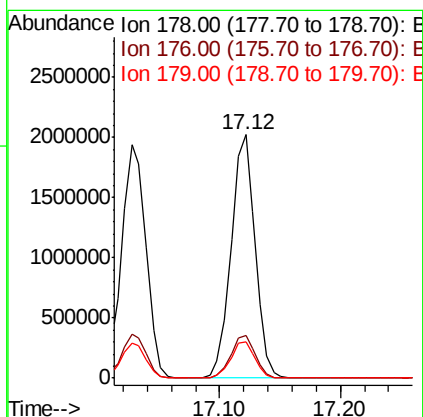
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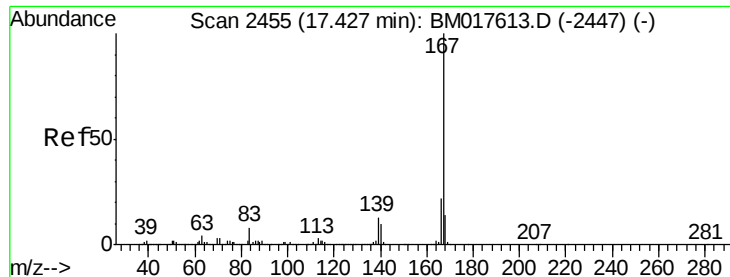
mohammad
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#72
Anthracene
Concen: 52.656 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.5	21.7
179	15.1	12.3	18.5





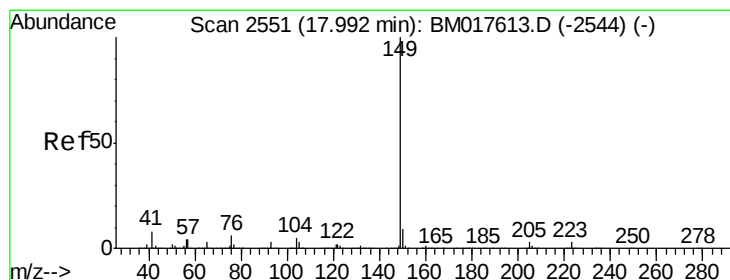
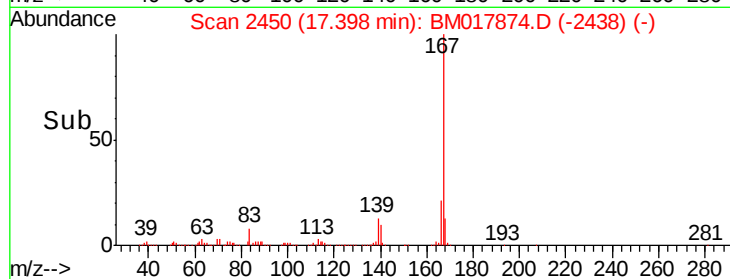
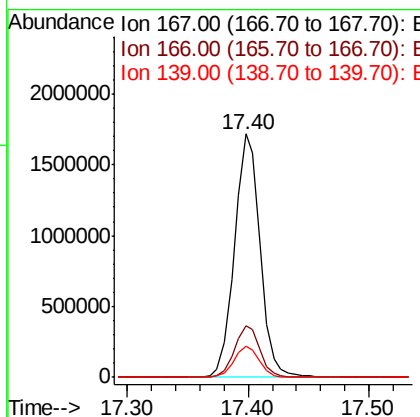
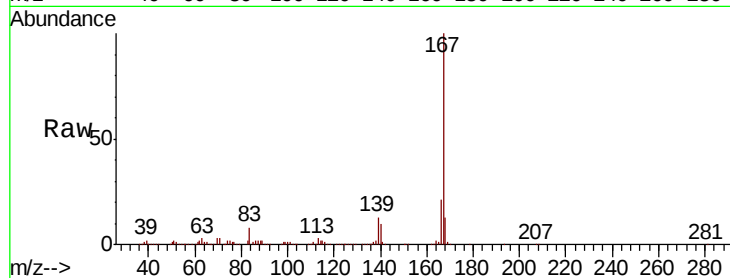
#73
 Carbazole
 Concen: 47.062 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.8	10.2	15.4

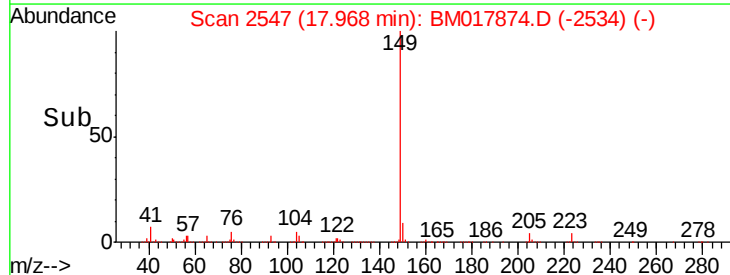
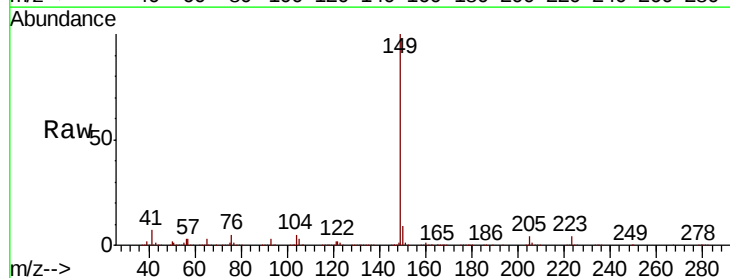
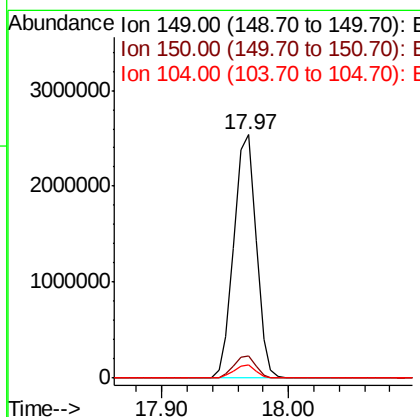
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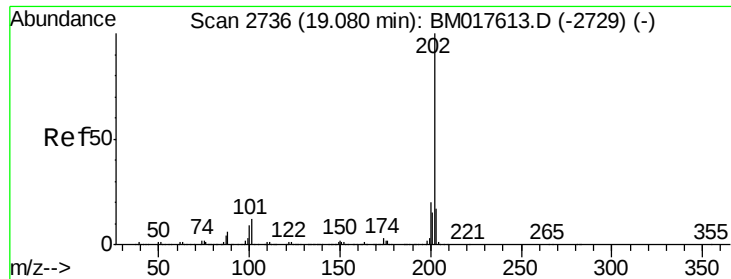
mohammad
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#74
 Di-n-butylphthalate
 Concen: 51.642 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 51.984 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

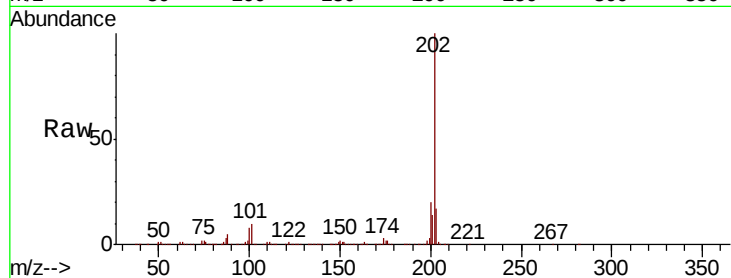
ClientSampleId :

PB115173BSD

Tot Ion:	202	Resp:	3209452
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.5
203	17.1	0.0	37.2

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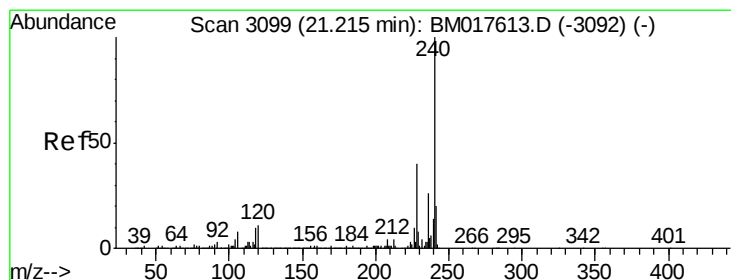
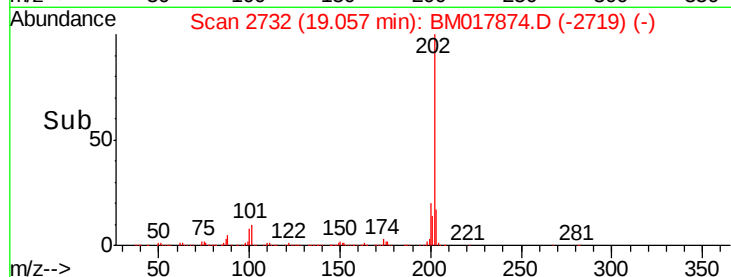
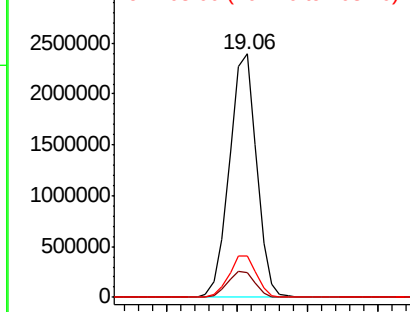


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

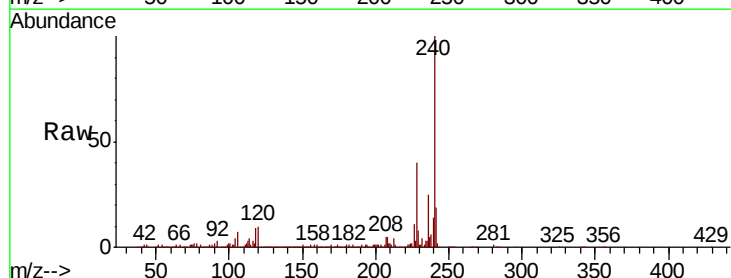
RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion:	240	Resp:	1032874
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	24.7	20.4	30.6

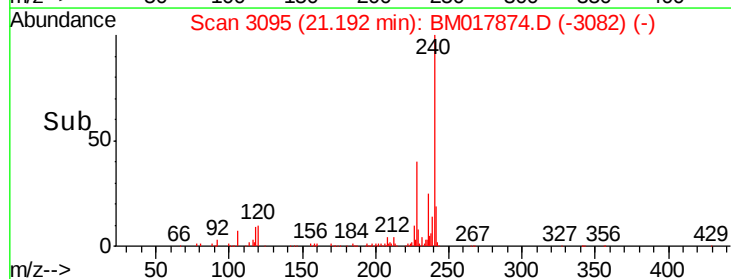
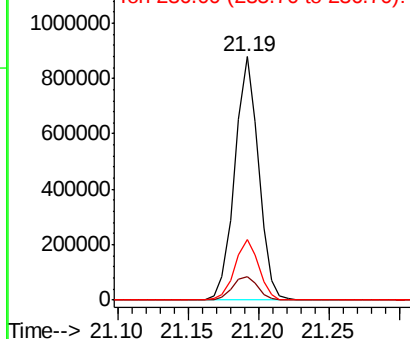


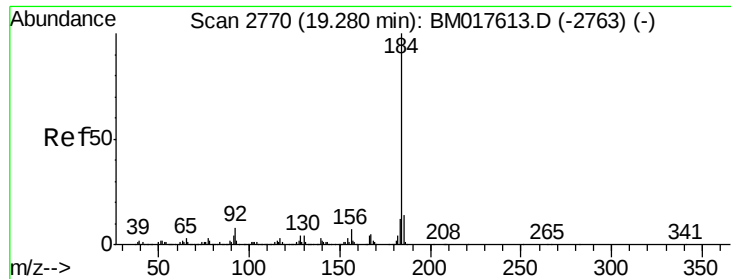
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.135 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

ClientSampleId :

PB115173BSD

Tot Ion:184 Resp: 1047204

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

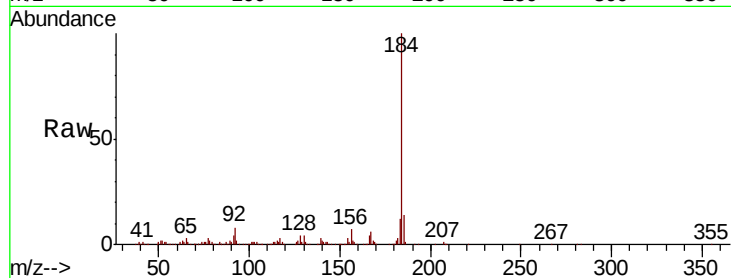
183 11.7 9.5 14.3

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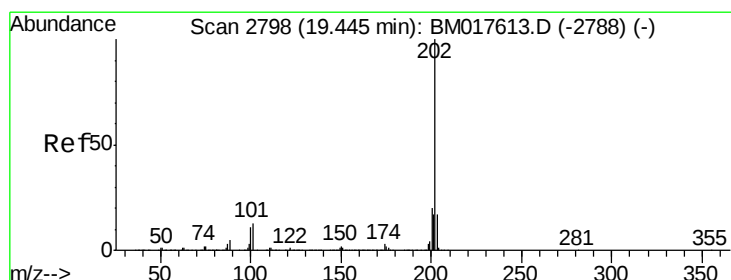
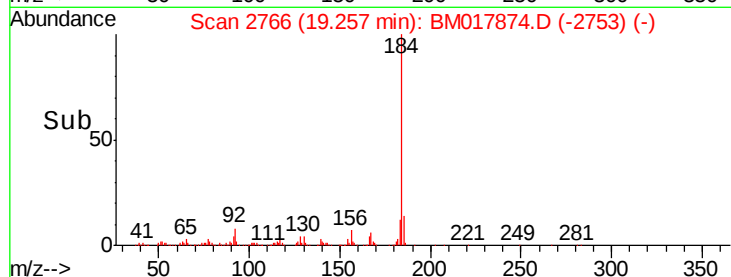
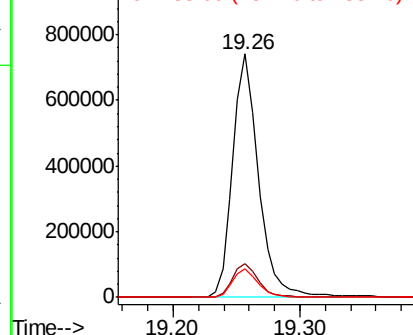
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.342 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

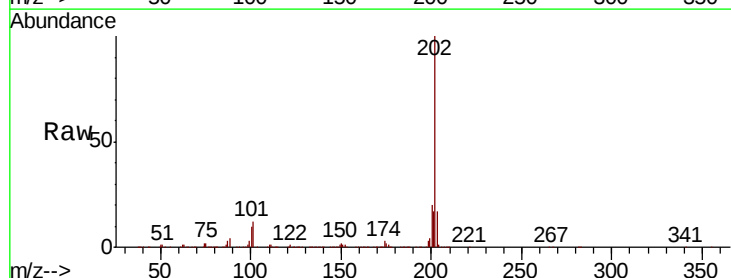
Tgt Ion:202 Resp: 3272027

Ion Ratio Lower Upper

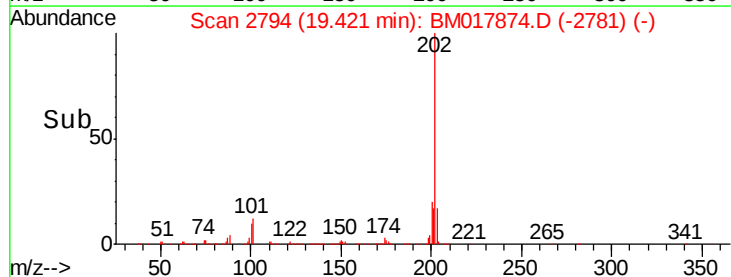
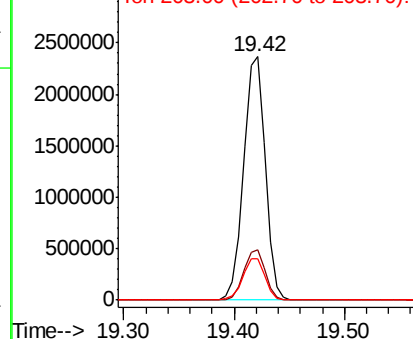
202 100

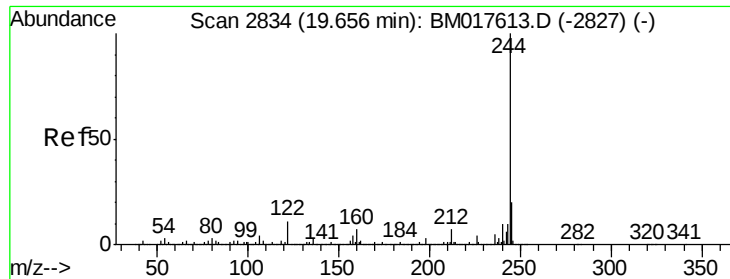
200 20.5 16.4 24.6

203 17.3 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





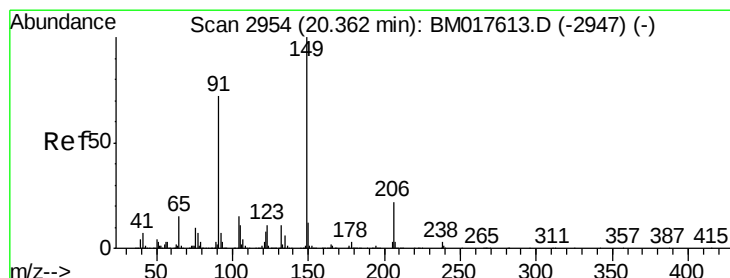
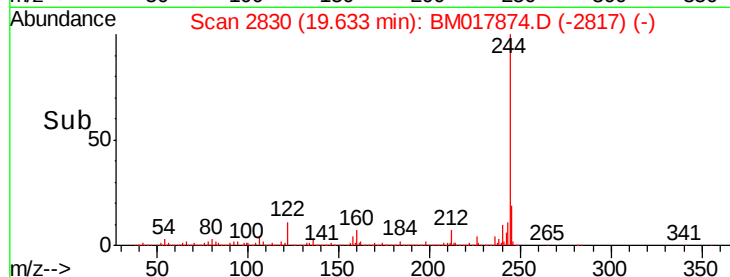
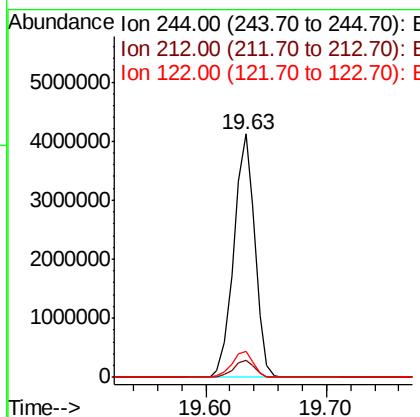
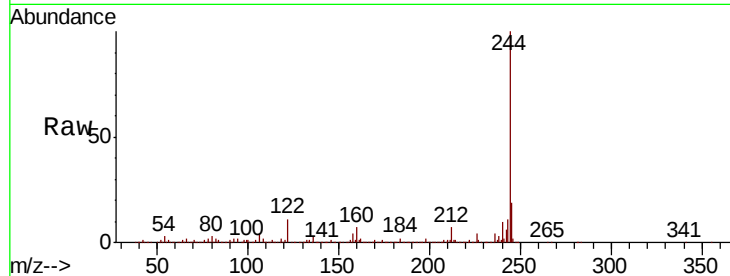
#79
 Terphenyl-d14
 Concen: 109.509 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BSD

Tot Ion:244 Resp: 4990656
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.7 9.0 13.6

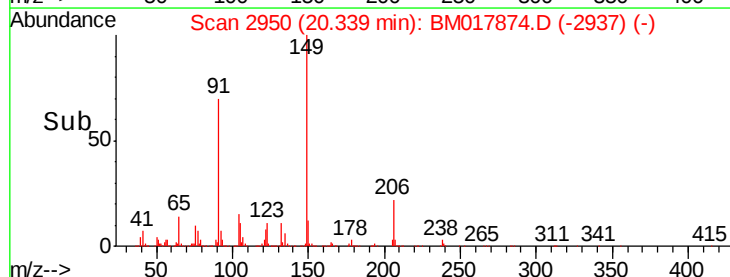
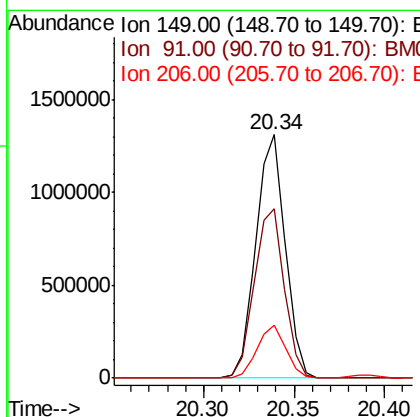
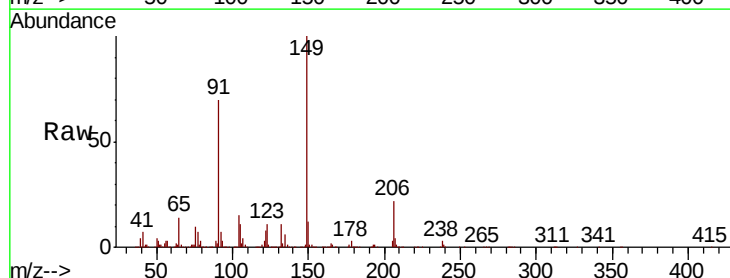
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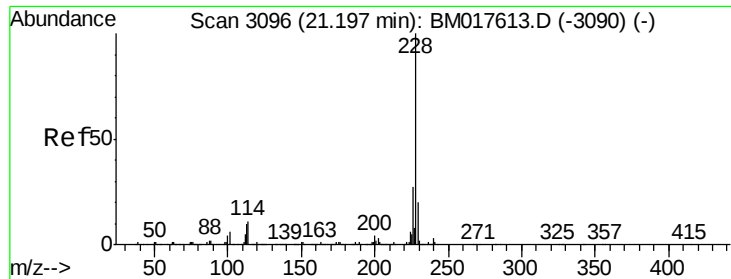
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#80
 Butylbenzylphthalate
 Concen: 56.995 ng
 RT: 20.34 min Scan# 2950
 Delta R.T. -0.02 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion:149 Resp: 1475271
 Ion Ratio Lower Upper
 149 100
 91 69.5 57.6 86.4
 206 21.7 17.4 26.0





#81

Benzo(a)anthracene

Concen: 50.636 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

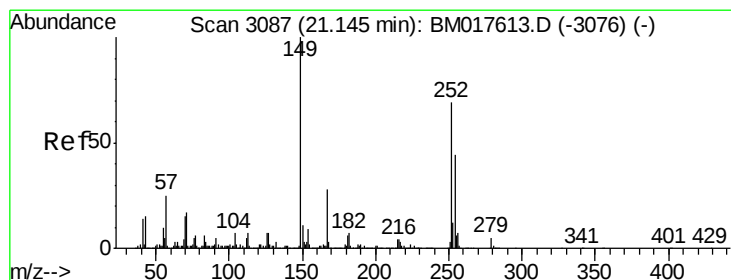
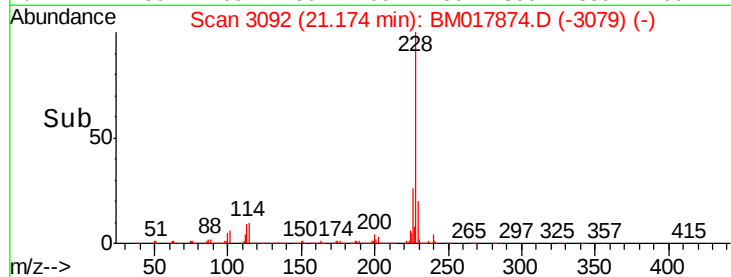
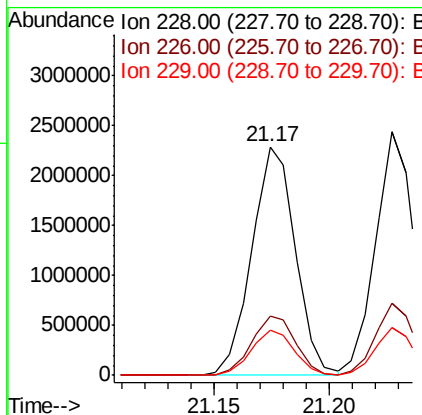
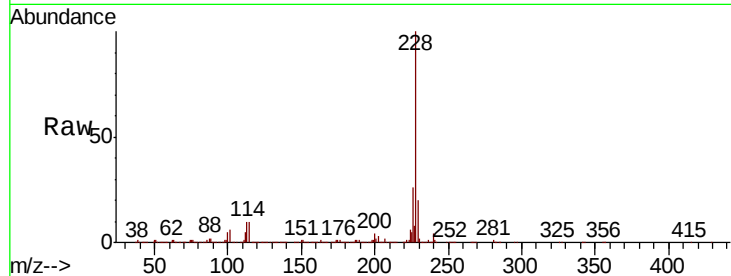
ClientSampleId :

PB115173BSD

Tot Ion:	228	Resp:	3013131
Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	19.8	16.0	24.0

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#82

3,3'-Dichlorobenzidine

Concen: 24.802 ng

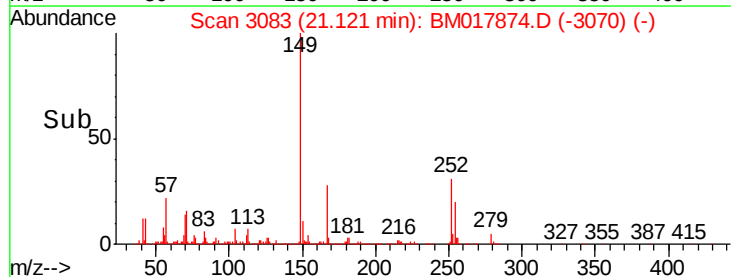
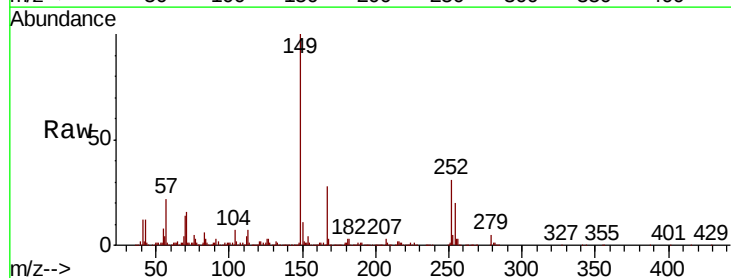
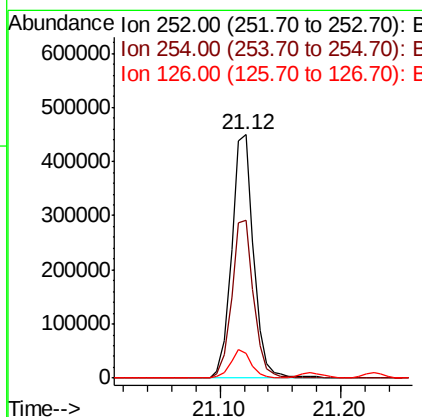
RT: 21.12 min Scan# 3083

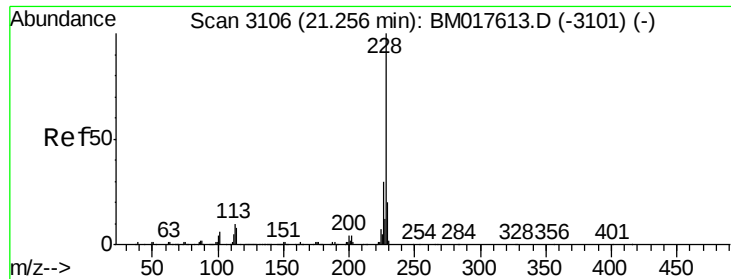
Delta R.T. -0.02 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion:	252	Resp:	569610
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	10.3	8.0	12.0





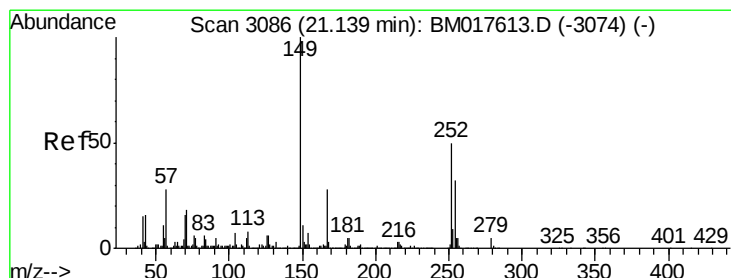
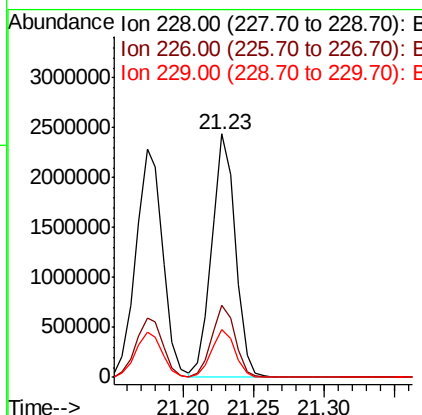
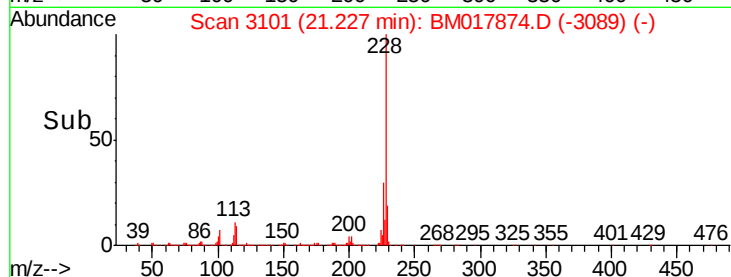
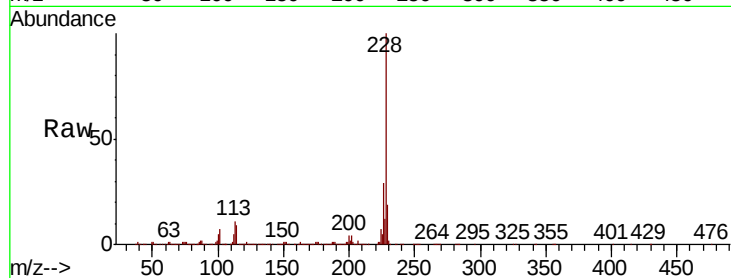
#83
 Chrysene
 Concen: 48.749 ng
 RT: 21.23 min Scan# 3101
 Delta R.T. -0.03 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Instrument :
 BNA_M
 ClientSampleId :
 PB115173BSD

Tot Ion:228 Resp: 2817476
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.6 35.4
 229 19.5 15.8 23.6

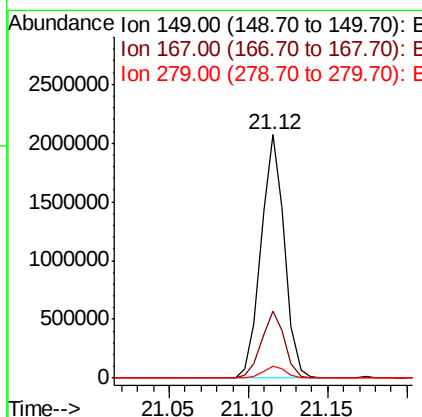
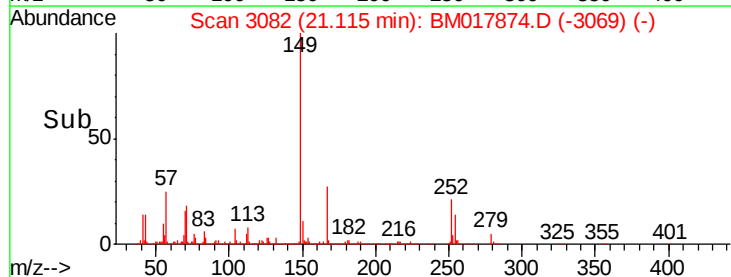
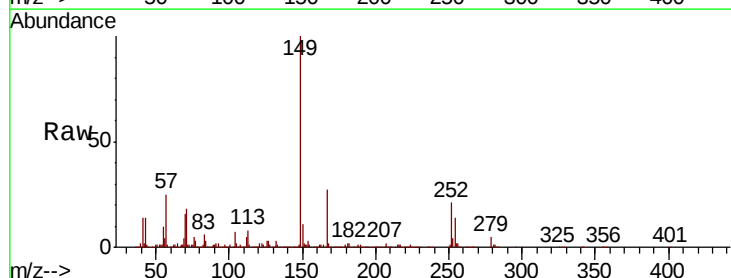
Manual Integrations
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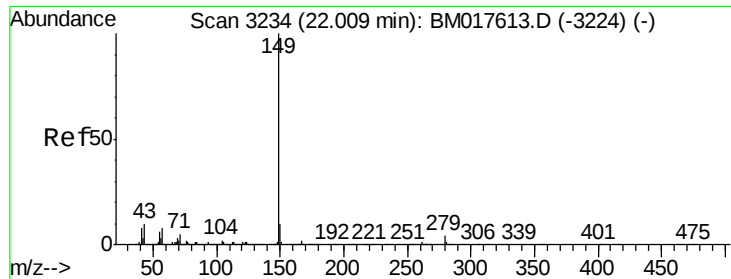
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.495 ng
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM017874.D
 Acq: 02 Dec 2018 02:21

Tgt Ion:149 Resp: 2123530
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.4
 279 4.7 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 55.808 ng

RT: 21.98 min Scan# 3229

Delta R.T. -0.03 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

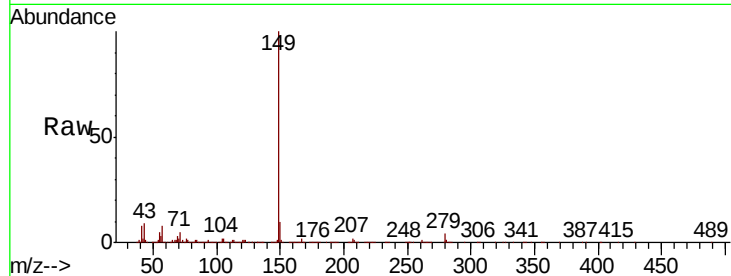
ClientSampleId :

PB115173BSD

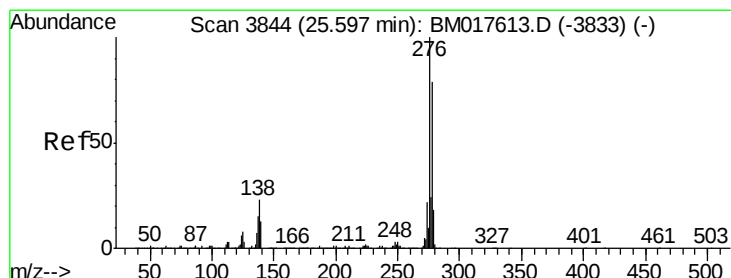
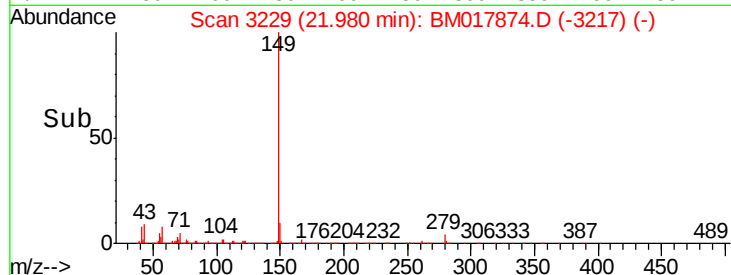
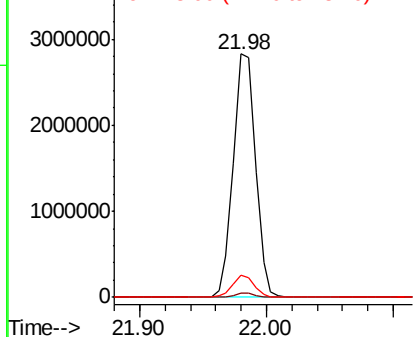
Tot Ion:	149	Resp:	3419526
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	8.3	12.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.206 ng

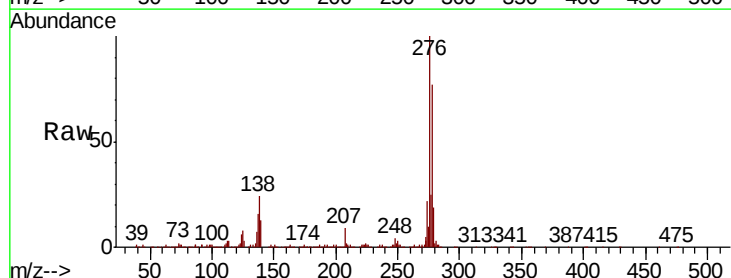
RT: 25.54 min Scan# 3835

Delta R.T. -0.05 min

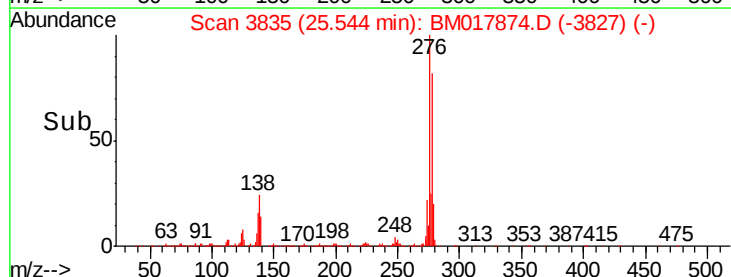
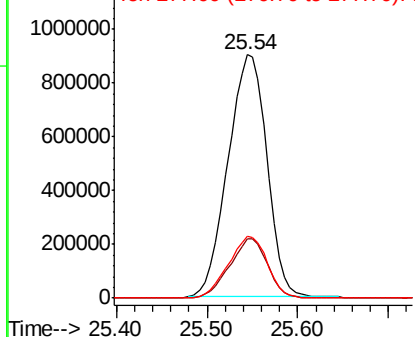
Lab File: BM017874.D

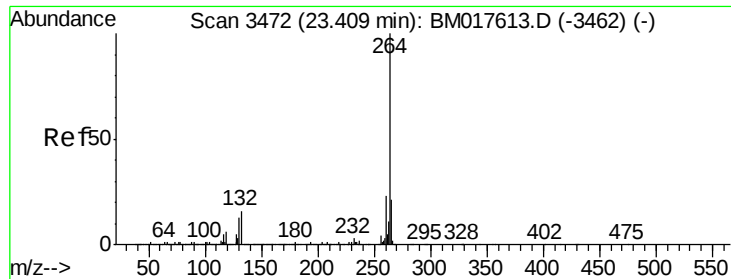
Acq: 02 Dec 2018 02:21

Tgt Ion:	276	Resp:	2688239
Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.1	28.7
277	25.1	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Instrument :

BNA_M

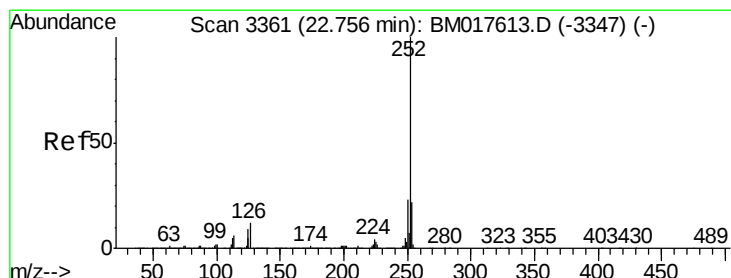
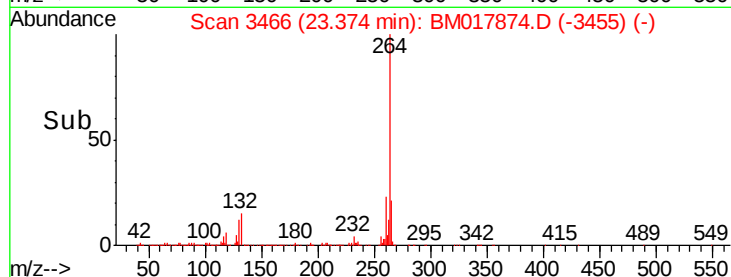
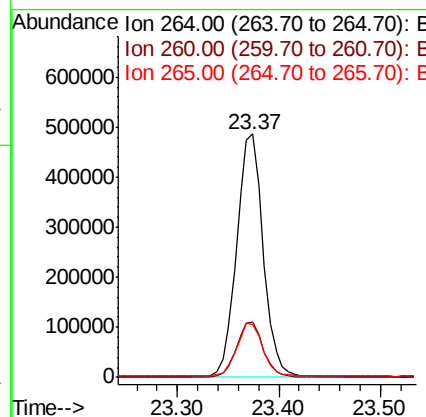
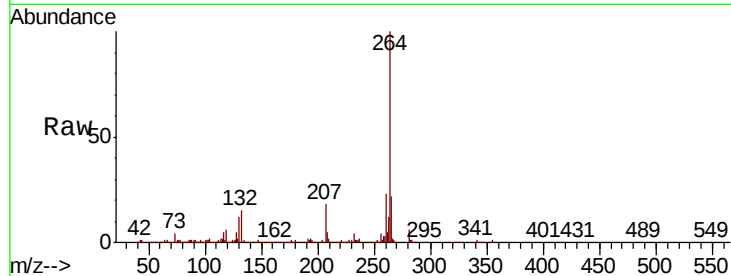
ClientSampleId :

PB115173BSD

Tot Ion:	264	Resp:	886605
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.2
265	21.7	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 50.514 ng

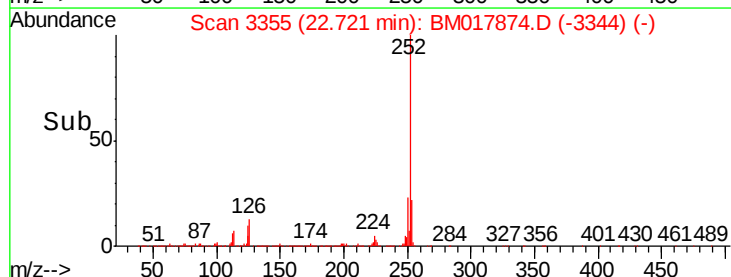
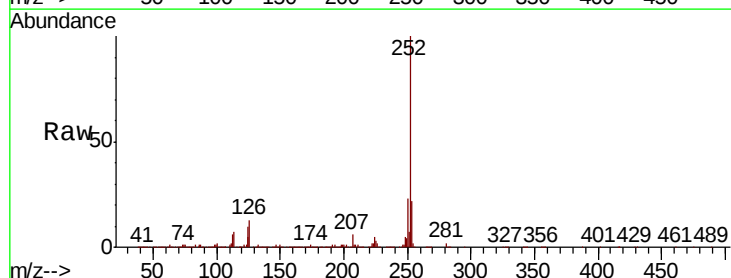
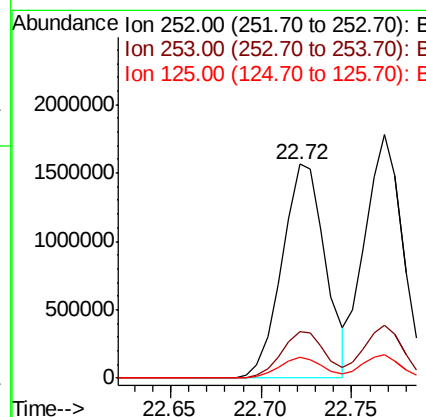
RT: 22.72 min Scan# 3355

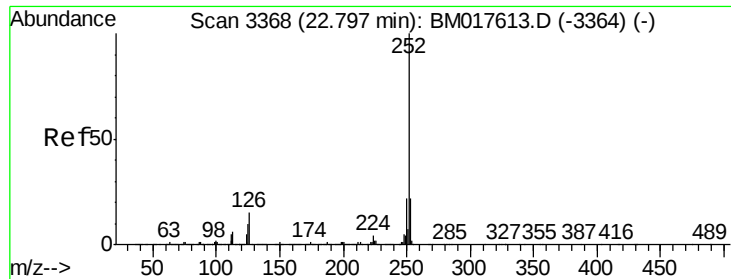
Delta R.T. -0.04 min

Lab File: BM017874.D

Acq: 02 Dec 2018 02:21

Tgt Ion:	252	Resp:	2622788
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	9.8	7.6	11.4





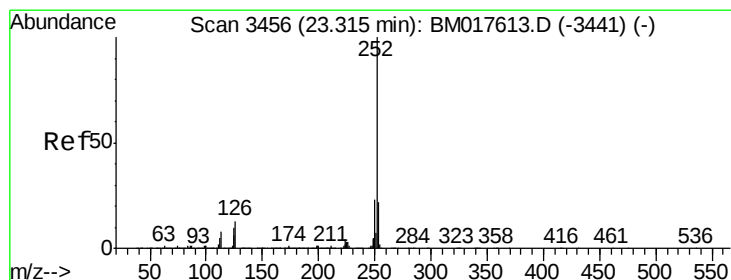
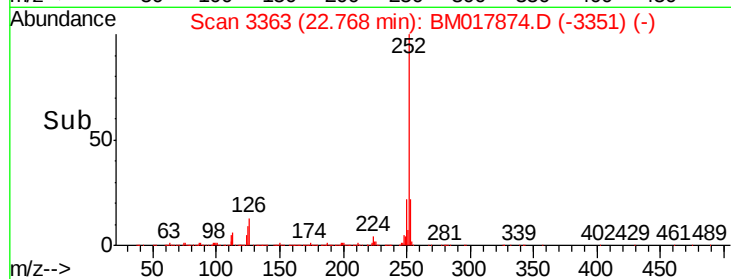
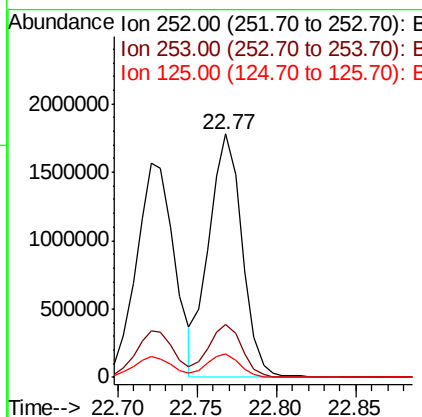
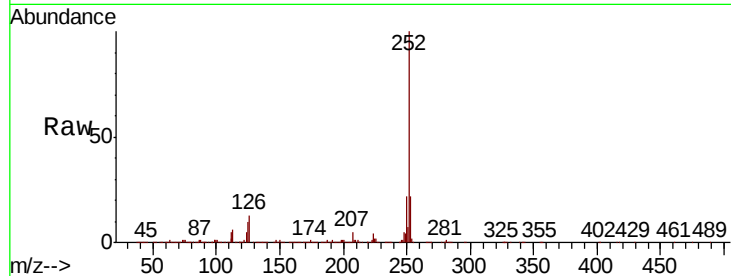
#89
Benzo(k)fluoranthene
Concen: 49.377 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.6	7.9	11.9

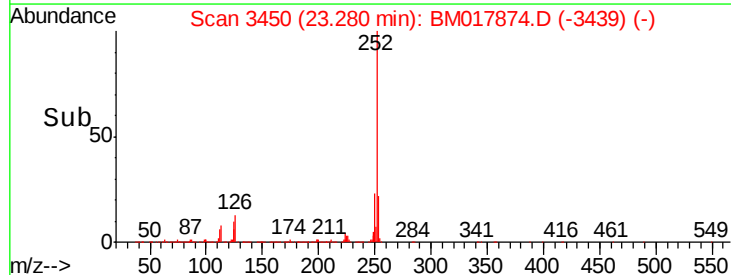
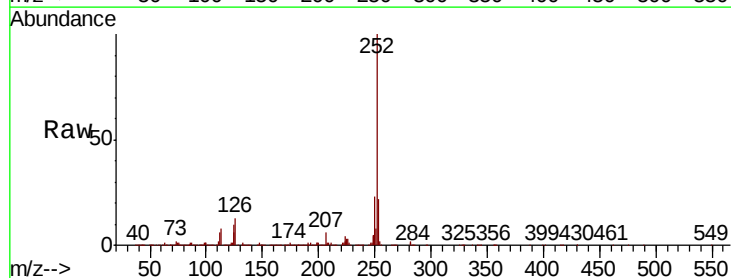
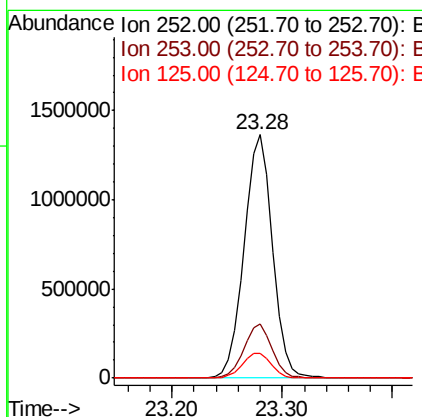
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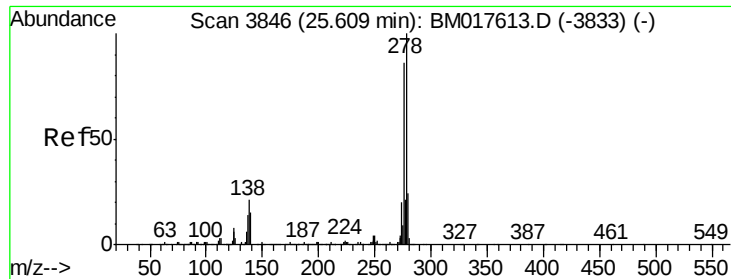
mohammad
12/3/2018 4:58:38 PM



#90
Benzo(a)pyrene
Concen: 52.056 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.3	8.2	12.2





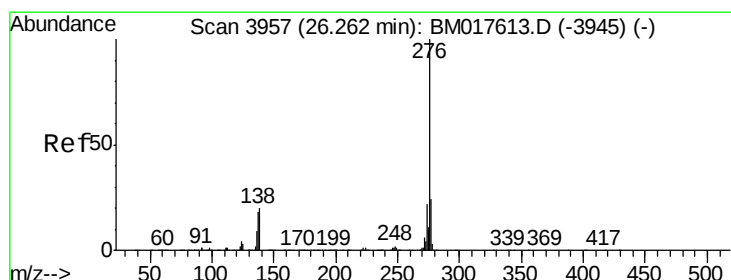
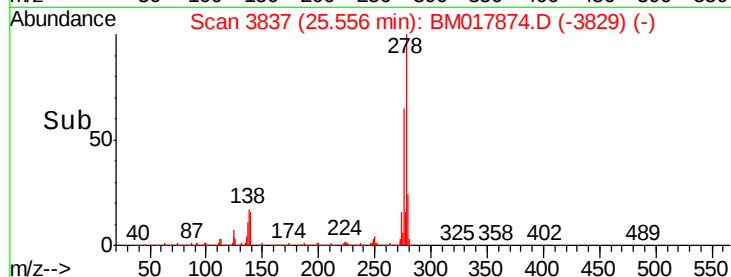
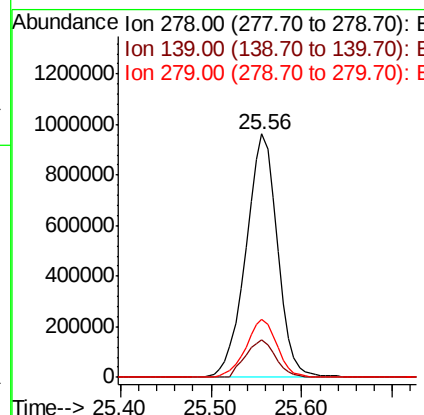
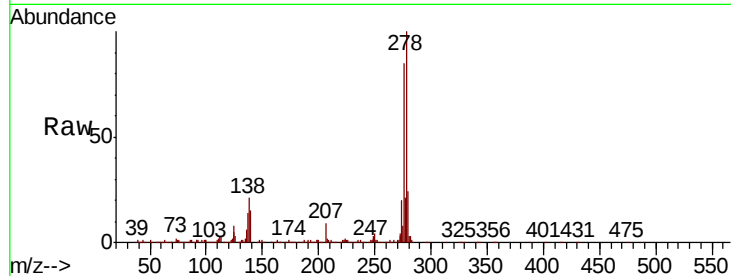
#91
Dibenzo(a,h)anthracene
Concen: 58.442 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.05 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Instrument :
BNA_M
ClientSampleId :
PB115173BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.8	17.6
279	24.0	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/3/2018 4:58:38 PM



#92
Benzo(g,h,i)perylene
Concen: 59.653 ng
RT: 26.20 min Scan# 3947
Delta R.T. -0.06 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.1	15.9	23.9

