

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020557.D
 Acq On : 25 May 2019 00:56
 Operator : JU/SJ
 Sample : PB120010BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:00:15 AM

Quant Time: May 25 06:18:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	48143	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	200242	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	152636	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	428881	20.00	ng	0.00
76) Chrysene-d12	21.26	240	647576	20.00	ng	-0.01
87) Perylene-d12	23.50	264	395041	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	237883	96.94	ng	0.00
7) Phenol-d6	6.84	99	350448	94.61	ng	0.00
23) Nitrobenzene-d5	8.83	82	341320	71.54	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	244976	80.11	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	857535	70.50	ng	0.00
79) Terphenyl-d14	19.70	244	2228970	62.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	52614	40.972	ng	98
3) Pyridine	3.57	79	84960	22.989	ng	98
4) n-Nitrosodimethylamine	3.49	42	32202	35.360	ng	82
6) Aniline	7.00	93	88061	16.436	ng	96
8) 2-Chlorophenol	7.22	128	146036	48.666	ng	98
10) Phenol	6.87	94	197608	49.406	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	120043	40.218	ng	98
12) 1,3-Dichlorobenzene	7.55	146	139625	36.333	ng	98
13) 1,4-Dichlorobenzene	7.69	146	138976	36.180	ng	98
14) 1,2-Dichlorobenzene	8.00	146	145393	37.755	ng	100
15) Benzyl Alcohol	7.92	79	142252	41.504	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	81067	38.969	ng	96
17) 2-Methylphenol	8.11	107	123397	46.732	ng	98
18) Hexachloroethane	8.72	117	58274	37.451	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	130850	39.785	ng	99
20) 3+4-Methylphenols	8.44	107	163854	46.271	ng	98
22) Acetophenone	8.49	105	218151	39.563	ng	99
24) Nitrobenzene	8.87	77	193664	41.104	ng	97
25) Isophorone	9.39	82	360350	40.593	ng	100
26) 2-Nitrophenol	9.58	139	70220	40.392	ng	95
27) 2,4-Dimethylphenol	9.63	122	126524	48.856	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	183159	39.636	ng	99
29) 2,4-Dichlorophenol	10.11	162	157205	45.641	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	183063	38.871	ng	100
31) Naphthalene	10.50	128	416741	40.307	ng	98
32) Benzoic acid	9.80	122	68886	41.584	ng	98
33) 4-Chloroaniline	10.65	127	61167	14.822	ng	97
34) Hexachlorobutadiene	10.76	225	131111	37.445	ng	99
35) Caprolactam	11.45	113	45736m	40.346	ng	
36) 4-Chloro-3-methylphenol	11.76	107	169815	45.305	ng	97
37) 2-Methylnaphthalene	12.12	142	334646	42.367	ng	100
38) 1-Methylnaphthalene	12.34	142	322795	42.178	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	258272	40.252	ng	100
41) Hexachlorocyclopentadiene	12.45	237	118763	42.151	ng	99

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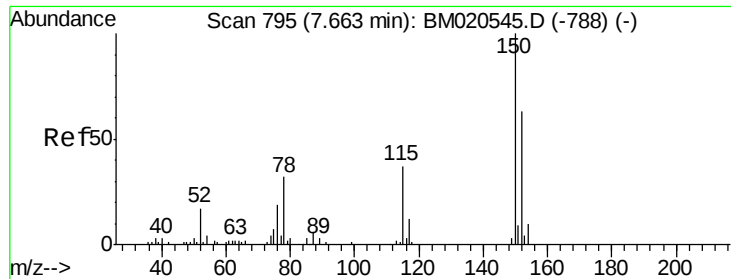
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.74	196	168649	42.473	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	167400	45.146	ng	95
46) 1,1'-Biphenyl	13.14	154	481673	40.974	ng	99
47) 2-Chloronaphthalene	13.19	162	389212	39.057	ng	99
48) 2-Nitroaniline	13.42	65	111557	37.114	ng	93
49) Acenaphthylene	14.04	152	613375	40.474	ng	99
50) Dimethylphthalate	13.79	163	540438	39.974	ng	100
51) 2,6-Dinitrotoluene	13.92	165	117076	41.548	ng	93
52) Acenaphthene	14.38	154	363199	39.770	ng	100
53) 3-Nitroaniline	14.26	138	61650	27.277	ng	95
54) 2,4-Dinitrophenol	14.47	184	147758	80.445	ng	97
55) Dibenzofuran	14.72	168	660829	41.816	ng	99
56) 4-Nitrophenol	14.57	139	151298	80.931	ng	98
57) 2,4-Dinitrotoluene	14.71	165	171366	42.114	ng	96
58) Fluorene	15.37	166	539937	41.129	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	193040	44.741	ng	98
60) Diethylphthalate	15.14	149	534383	40.117	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	341950	40.801	ng	97
62) 4-Nitroaniline	15.43	138	77466	32.705	ng	95
63) Azobenzene	15.66	77	550931	42.504	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	105717	40.111	ng	97
66) n-Nitrosodiphenylamine	15.59	169	475521	40.891	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	225602	39.487	ng	98
68) Hexachlorobenzene	16.36	284	271777	39.233	ng	98
69) Atrazine	16.54	200	132683	27.731	ng	100
70) Pentachlorophenol	16.72	266	332735	92.991	ng	99
71) Phenanthrene	17.12	178	945064	40.562	ng	99
72) Anthracene	17.20	178	906547	40.122	ng	100
73) Carbazole	17.49	167	786752	40.574	ng	99
74) Di-n-butylphthalate	18.03	149	950000	39.827	ng	99
75) Fluoranthene	19.13	202	1349612	41.655	ng	99
77) Benzidine	19.36	184	66749m	5.609	ng	
78) Pyrene	19.50	202	1407016	34.609	ng	100
80) Butylbenzylphthalate	20.40	149	488977	34.231	ng	98
81) Benzo(a)anthracene	21.25	228	1554579	34.685	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	439224	26.849	ng	99
83) Chrysene	21.30	228	1584242	36.581	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	743415	35.708	ng	100
85) Di-n-octyl phthalate	22.04	149	1348926	37.270	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2040307	38.964	ng	99
88) Benzo(b)fluoranthene	22.83	252	1860428	71.954	ng	99
89) Benzo(k)fluoranthene	22.87	252	1735893	69.175	ng	100
90) Benzo(a)pyrene	23.40	252	1690380	71.045	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	1799299	73.877	ng	99
92) Benzo(g,h,i)perylene	26.47	276	1682079	74.503	ng	98

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



#1

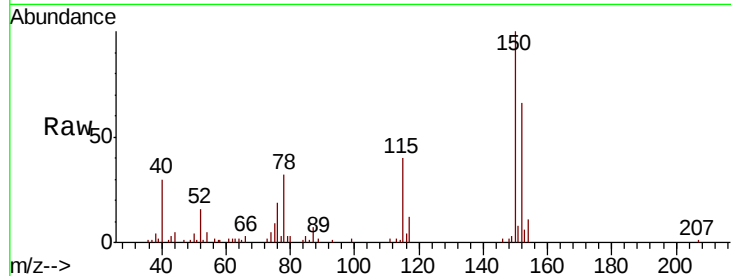
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
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PB120010BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	190.0
115	59.6	46.6	70.0

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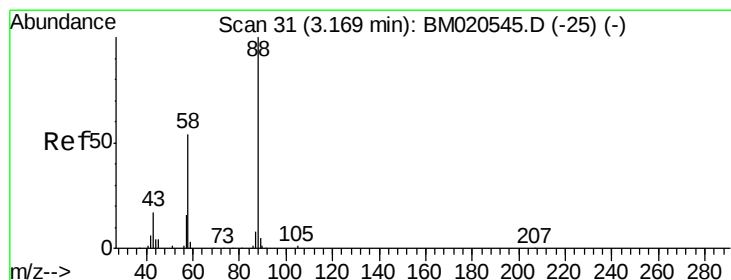
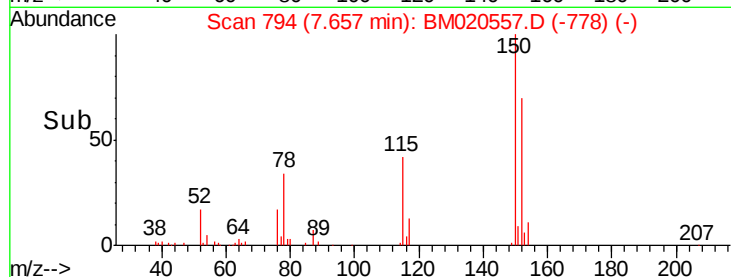
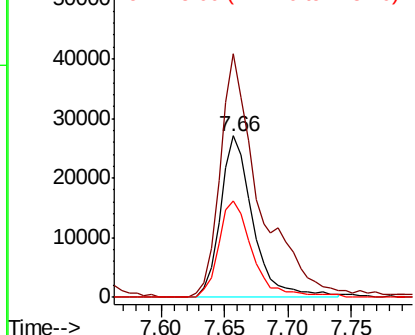


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

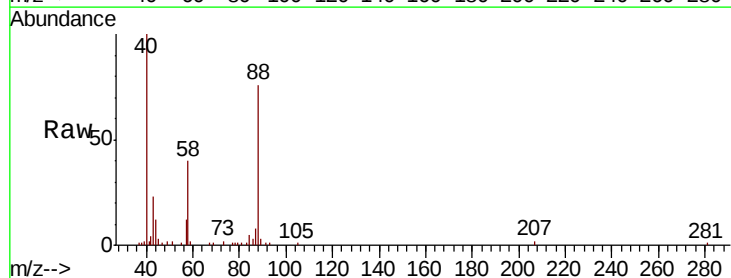
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.972 ng
RT: 3.16 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.7	42.3	63.5
43	18.6	16.0	24.0

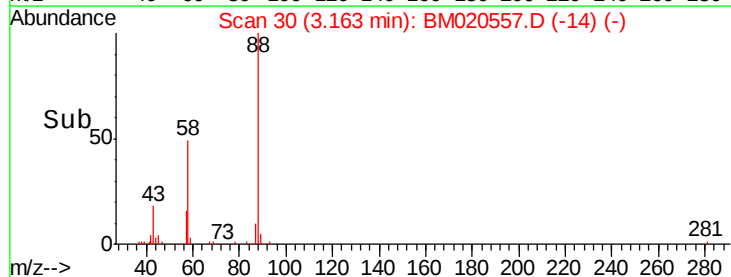
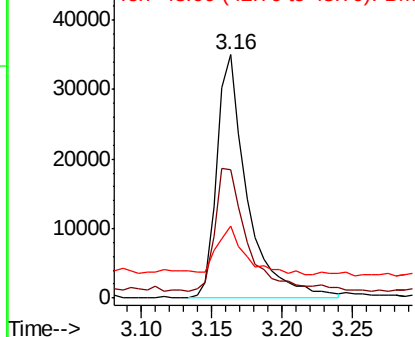


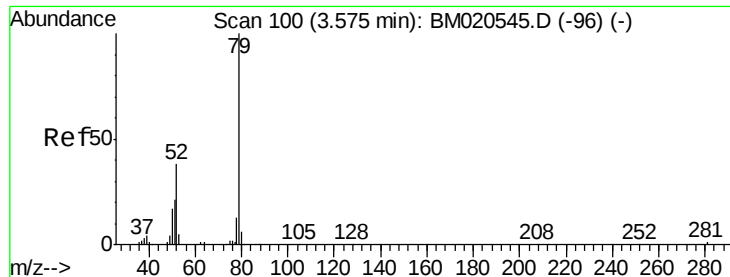
Abundance

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: 22.989 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Instrument :

BNA_M

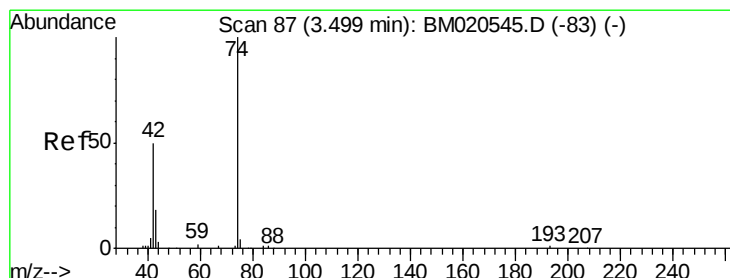
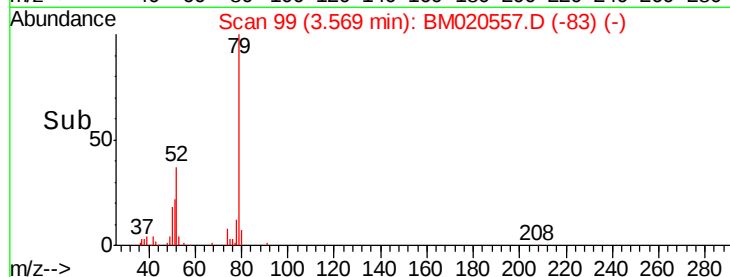
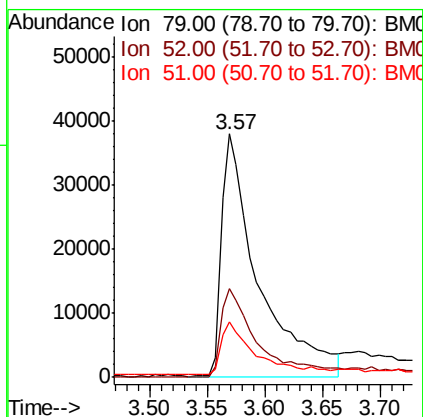
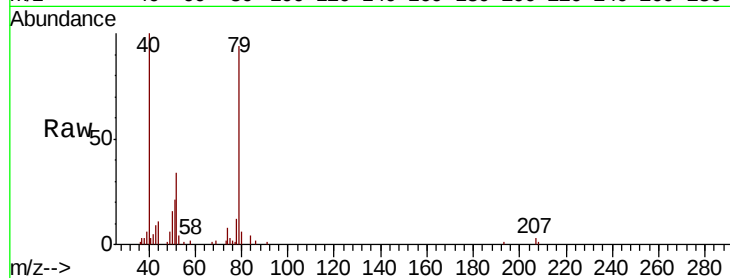
ClientSampleId :

PB120010BSD

Tot Ion:	79	Resp:	84960
Ion	Ratio	Lower	Upper
79	100		
52	36.4	30.1	45.1
51	22.8	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 35.360 ng

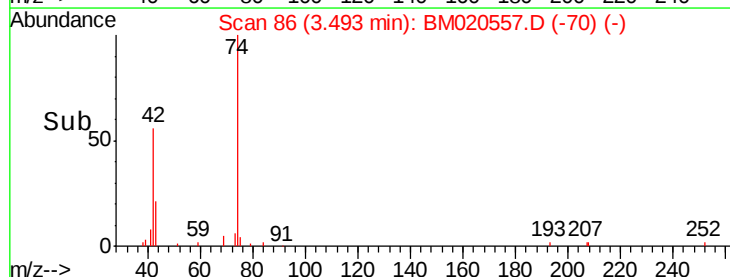
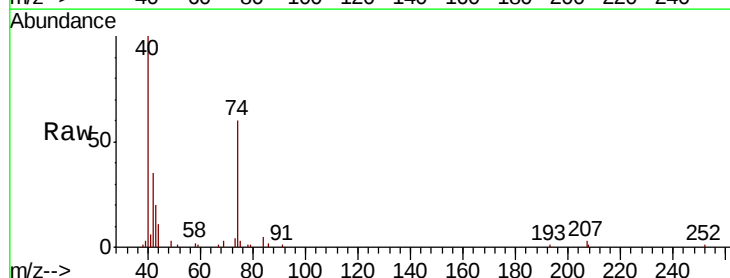
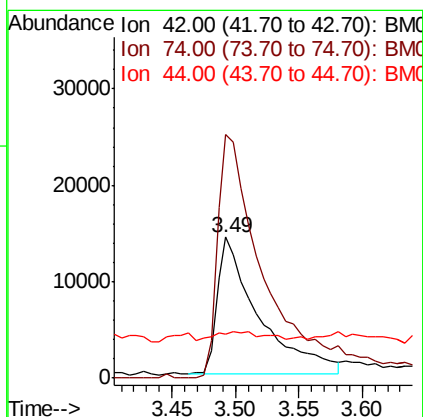
RT: 3.49 min Scan# 86

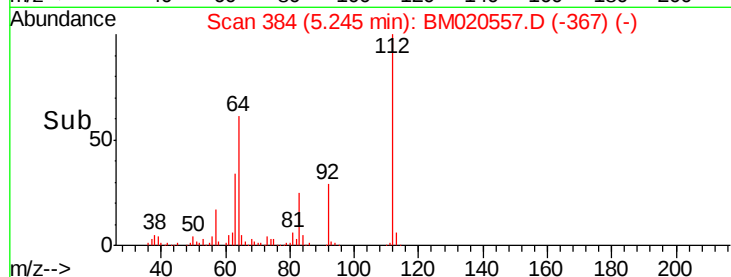
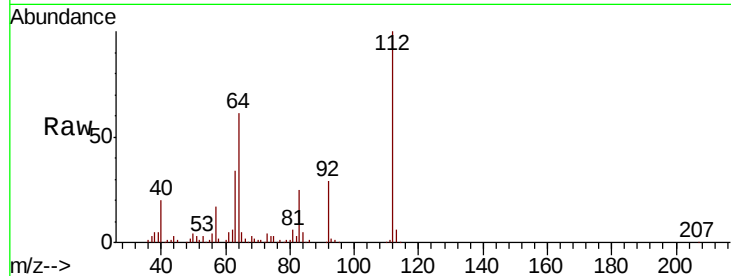
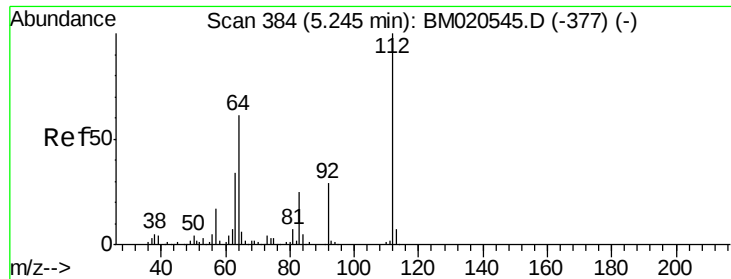
Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion:	42	Resp:	32202
Ion	Ratio	Lower	Upper
42	100		
74	172.5	161.1	241.7
44	31.1	20.9	31.3





#5

2-Fluorophenol

Concen: 96.937 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tot Ion:	112	Resp:	237883
Ion Ratio	Lower	Upper	
112	100		
64	61.0	48.6	73.0
63	33.9	27.4	41.0

Instrument :

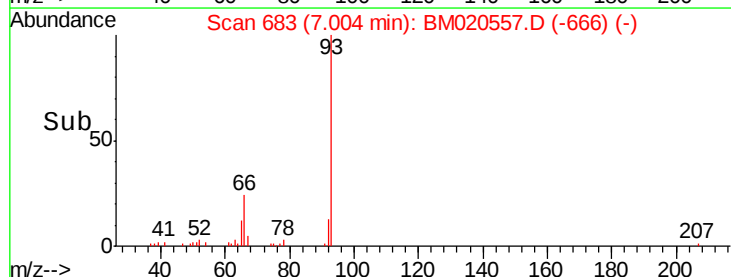
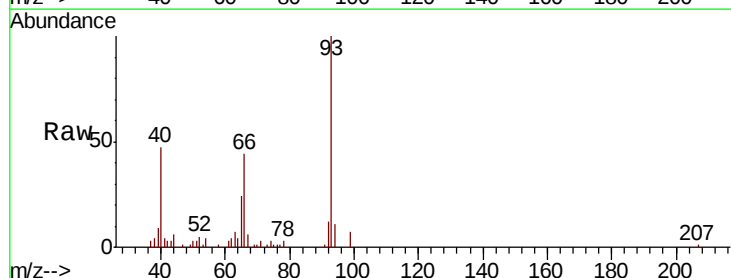
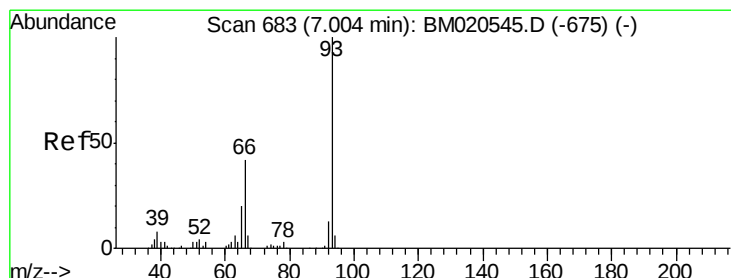
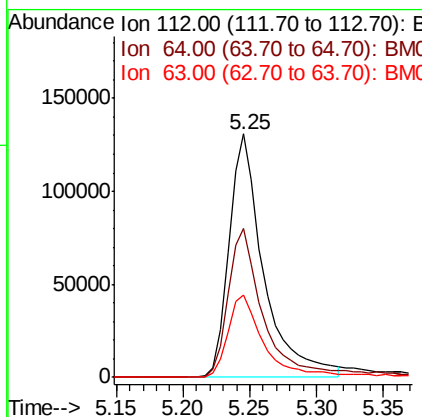
BNA_M

ClientSampleId :

PB120010BSD

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#6

Aniline

Concen: 16.436 ng

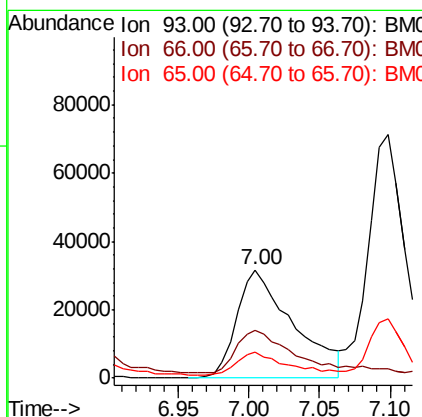
RT: 7.00 min Scan# 683

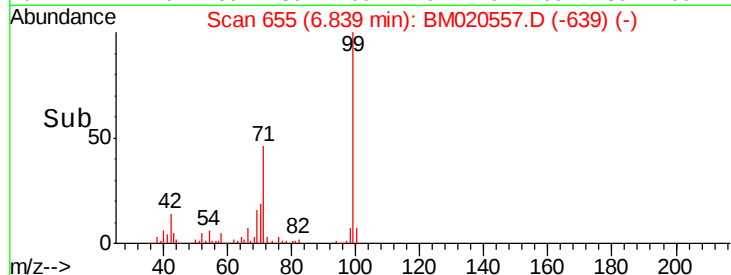
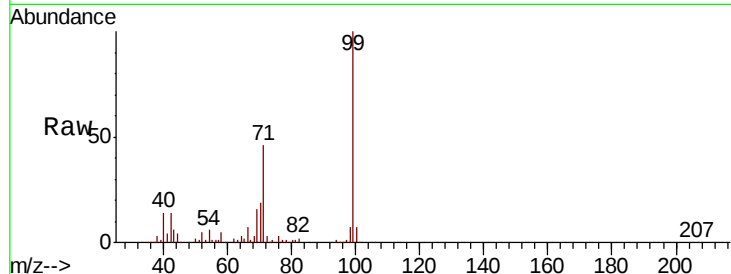
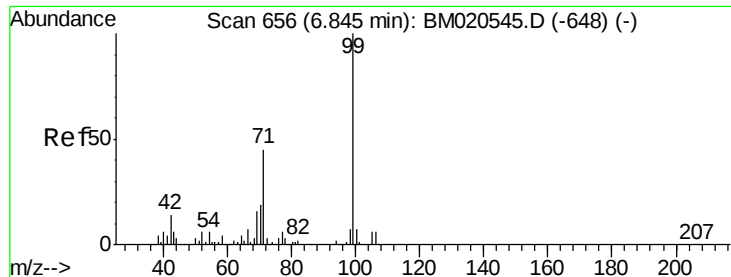
Delta R.T. 0.00 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion:	93	Resp:	88061
Ion Ratio	Lower	Upper	
93	100		
66	44.4	34.5	51.7
65	23.6	16.2	24.2





#7

Phenol-d6

Concen: 94.615 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tot Ion:	99	Resp:	350448
Ion Ratio	Lower	Upper	
99	100		
42	13.7	10.8	16.2
71	46.1	36.3	54.5

Instrument :

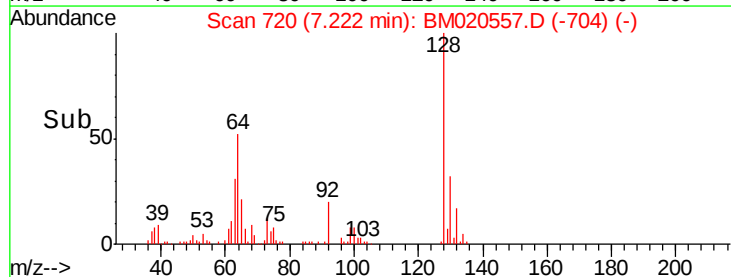
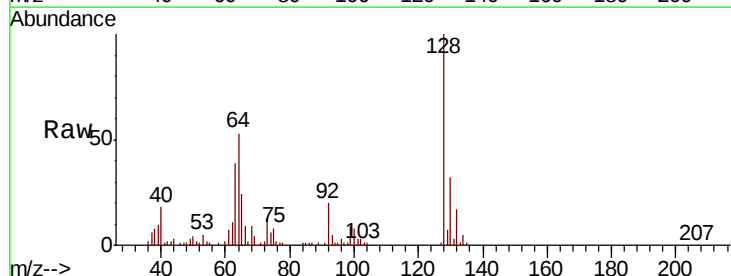
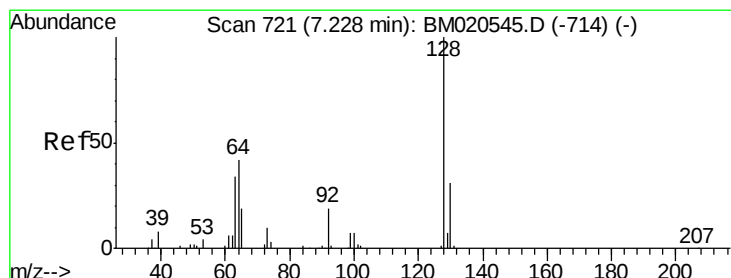
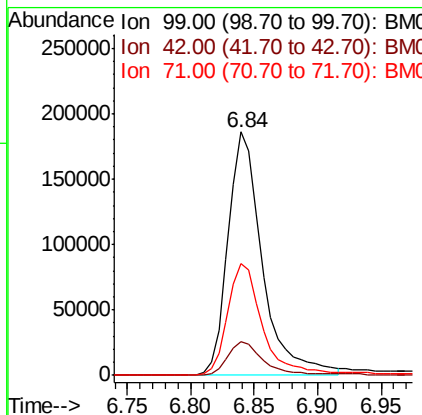
BNA_M

ClientSampled :

PB120010BSD

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#8

2-Chlorophenol

Concen: 48.666 ng

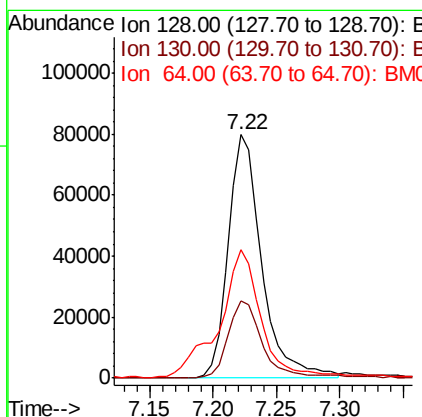
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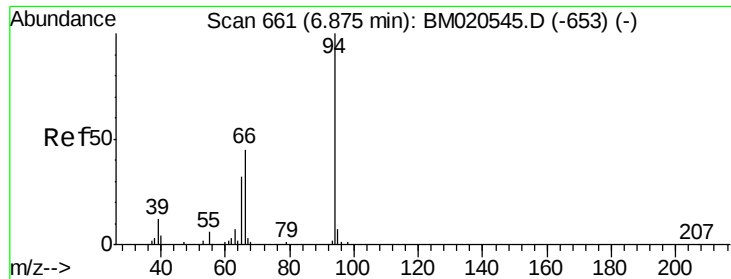
Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion:	128	Resp:	146036
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.2	51.2
64	52.8	31.1	71.1





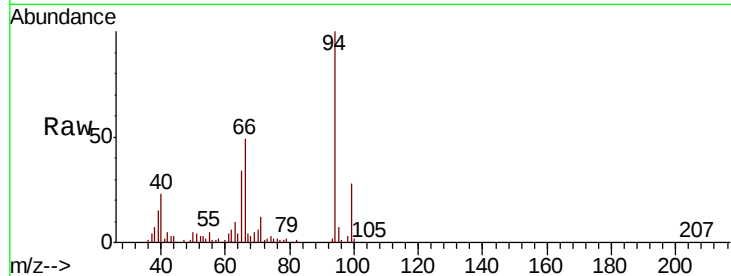
#10
Phenol
Concen: 49.406 ng
RT: 6.87 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampled :
PB120010BSD

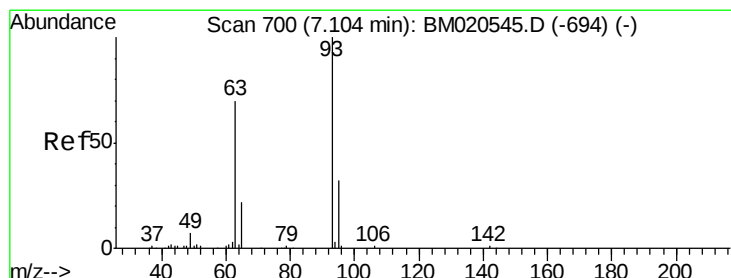
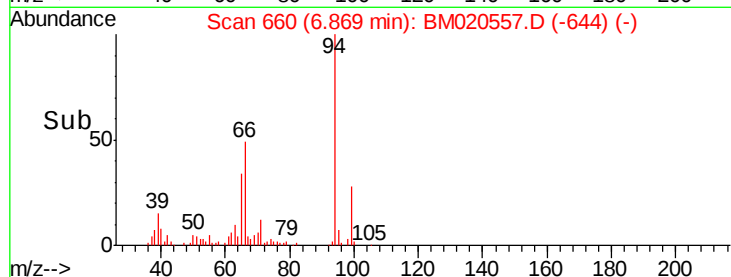
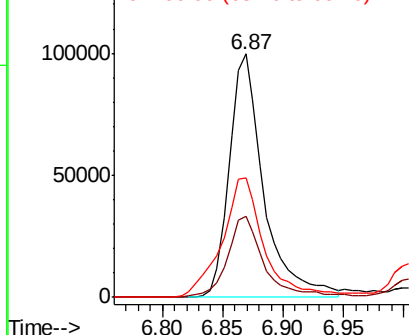
Tot Ion	Ratio	Lower	Upper
94	100		
65	33.5	12.4	52.4
66	49.0	27.4	67.4

Manual Integrations
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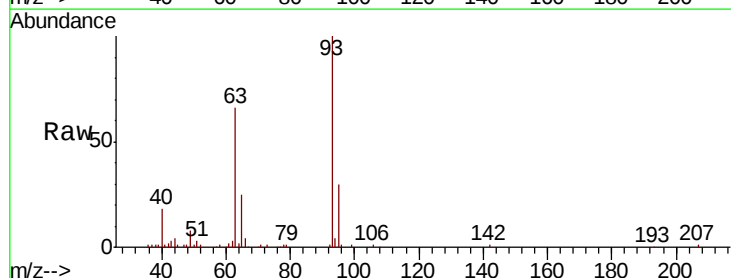


Abundance Ion 94.00 (93.70 to 94.70): BM0
Ion 65.00 (64.70 to 65.70): BM0
Ion 66.00 (65.70 to 66.70): BM0

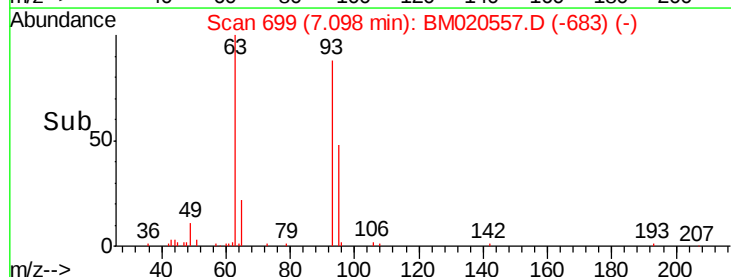
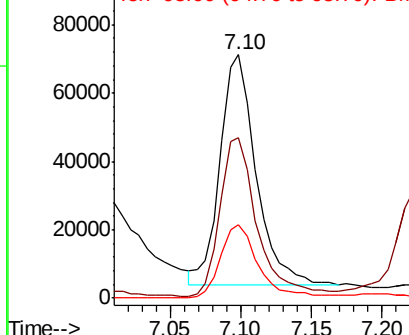


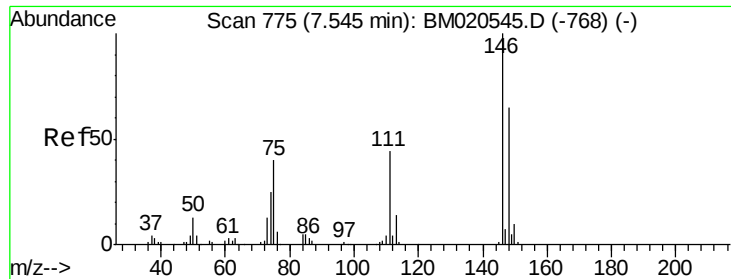
#11
bis(2-Chloroethyl)ether
Concen: 40.218 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
93	100		
63	65.9	47.6	87.6
95	30.4	10.9	50.9



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0





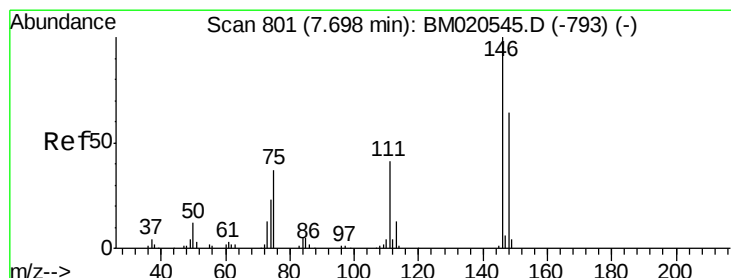
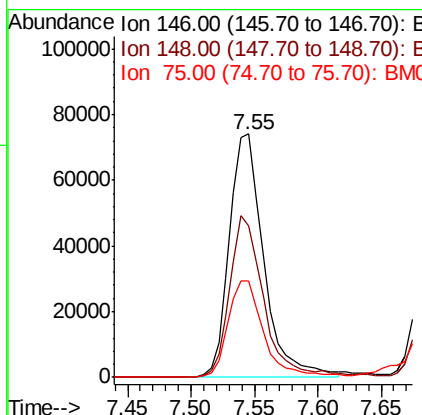
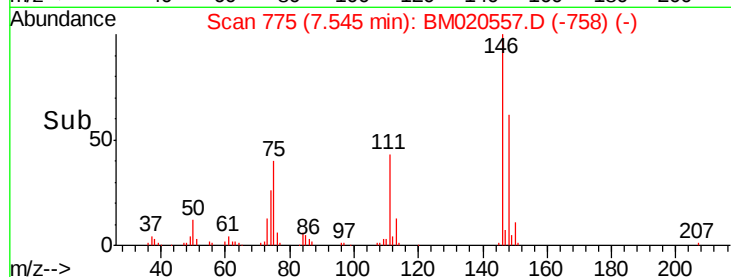
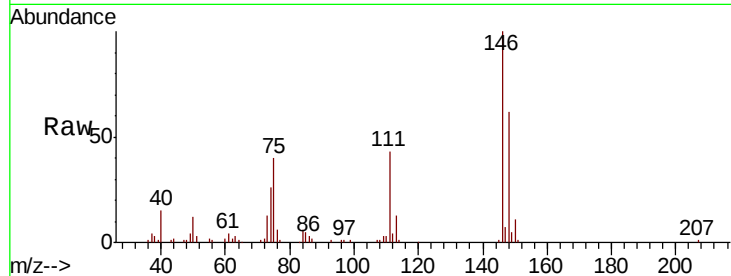
#12
 1,3-Dichlorobenzene
 Concen: 36.333 ng
 RT: 7.55 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion:	146	Resp:	139625
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.9	77.9
75	39.8	31.6	47.4

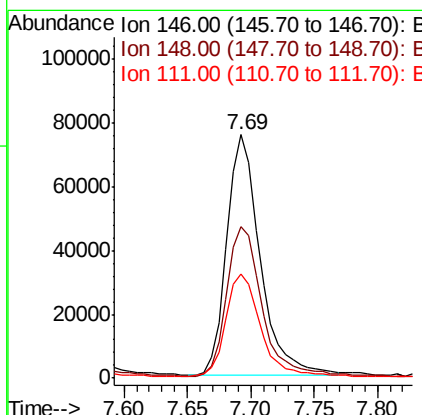
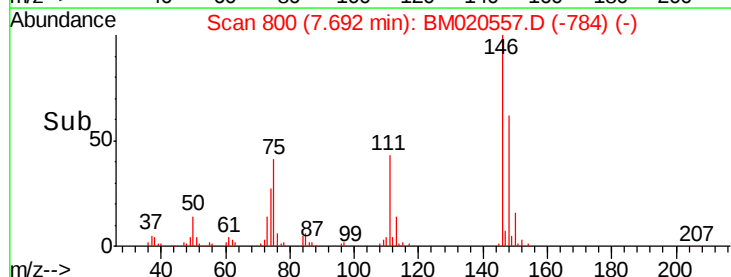
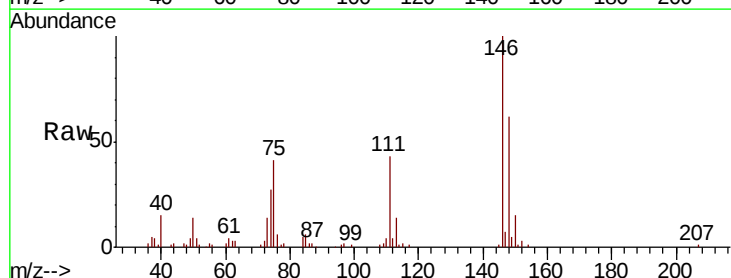
Manual Integrations
 APPROVED

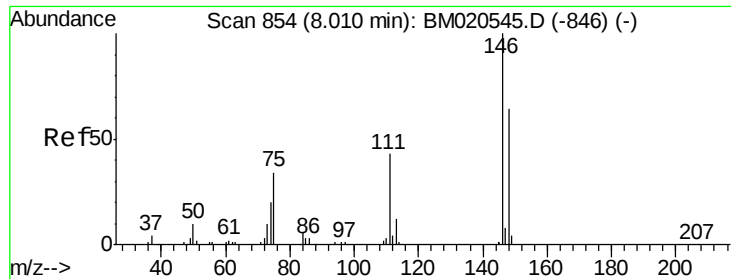
mohammad
 5/27/2019 4:00:15 AM



#13
 1,4-Dichlorobenzene
 Concen: 36.180 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion:	146	Resp:	138976
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.1	76.7
111	42.6	33.5	50.3





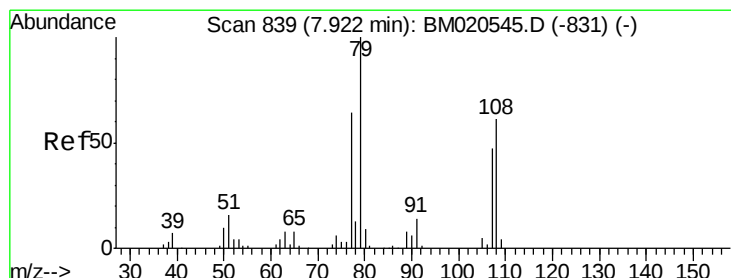
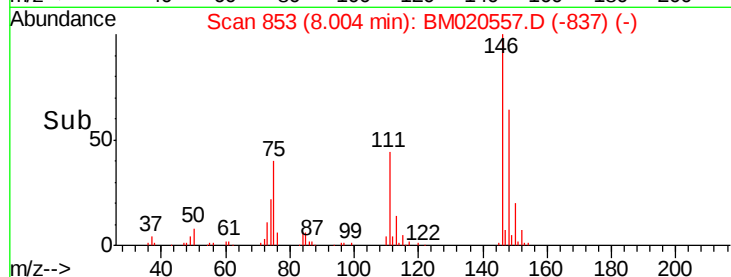
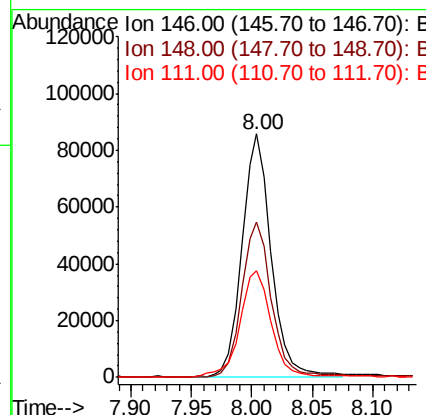
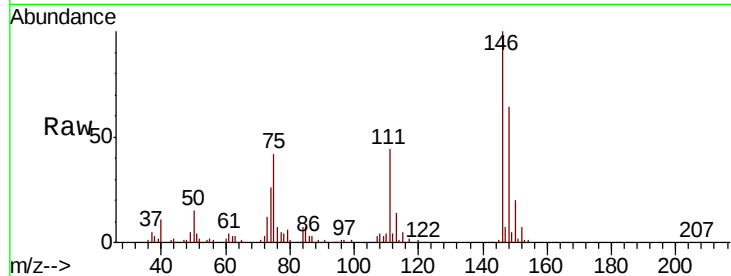
#14
 1,2-Dichlorobenzene
 Concen: 37.755 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	145393		
148	63.5	51.2	76.8	
111	44.0	35.2	52.8	

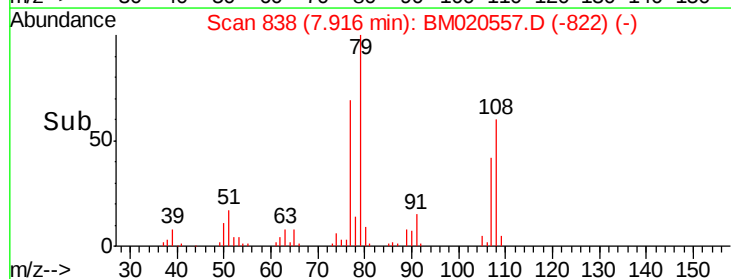
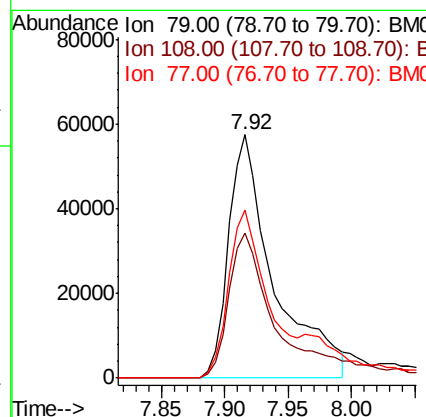
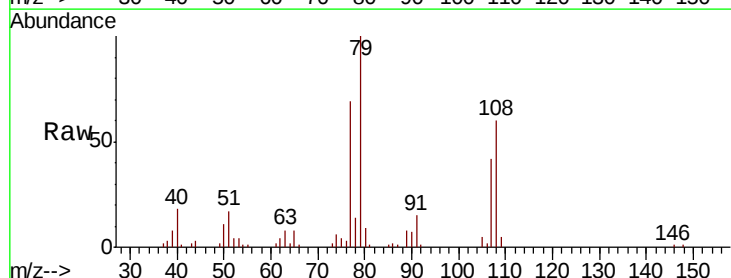
Manual Integrations
 APPROVED

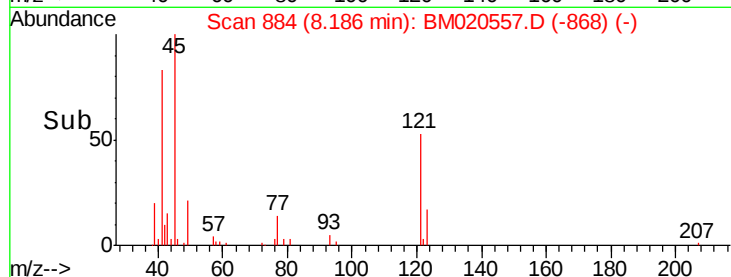
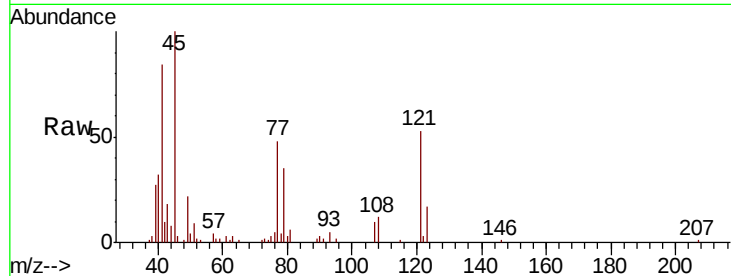
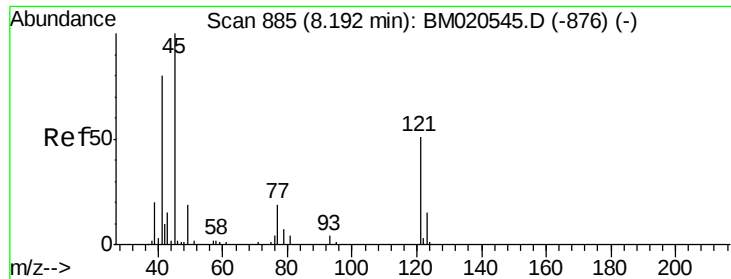
mohammad
 5/27/2019 4:00:15 AM



#15
 Benzyl Alcohol
 Concen: 41.504 ng
 RT: 7.92 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	142252		
108	59.7	48.5	72.7	
77	68.8	50.9	76.3	





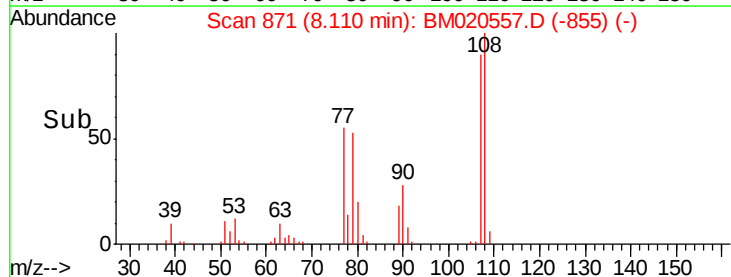
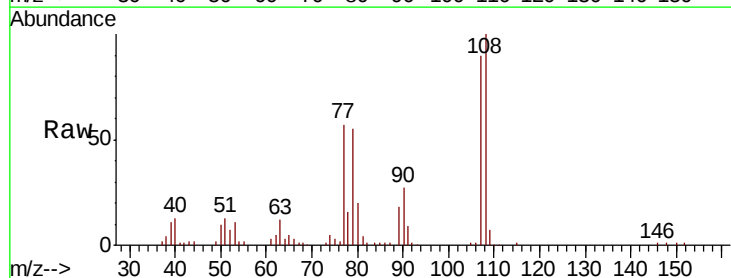
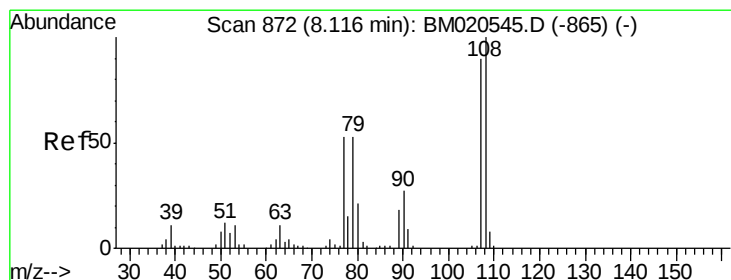
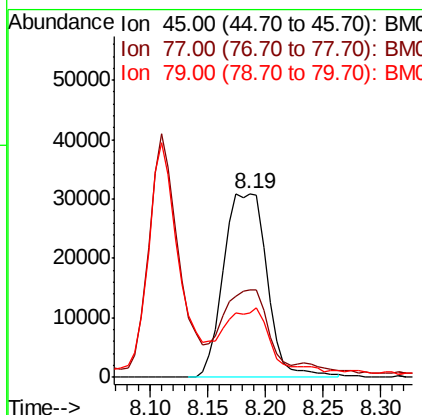
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.969 ng
RT: 8.19 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	47.7	25.0	65.0
79	35.4	13.1	53.1

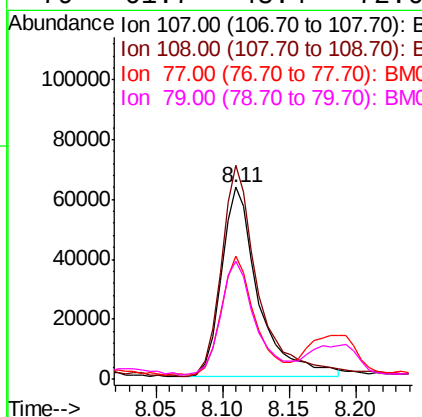
Manual Integrations
APPROVED

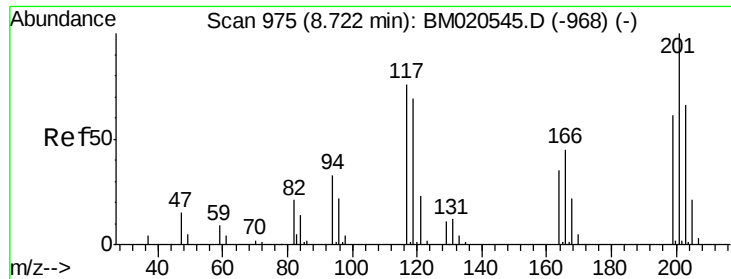
mohammad
5/27/2019 4:00:15 AM



#17
2-Methylphenol
Concen: 46.732 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.4	134.2
77	64.0	48.2	72.4
79	61.7	48.4	72.6





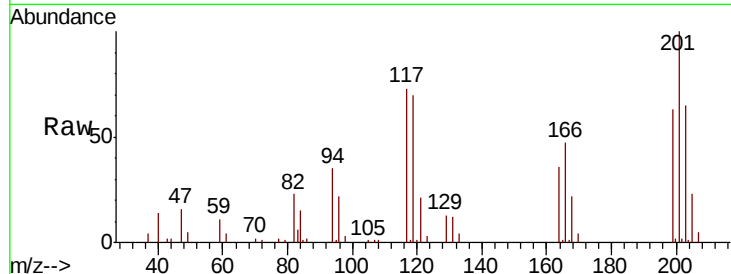
#18
Hexachloroethane
Concen: 37.451 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.2	109.8
201	137.3	105.8	158.8

Manual Integrations
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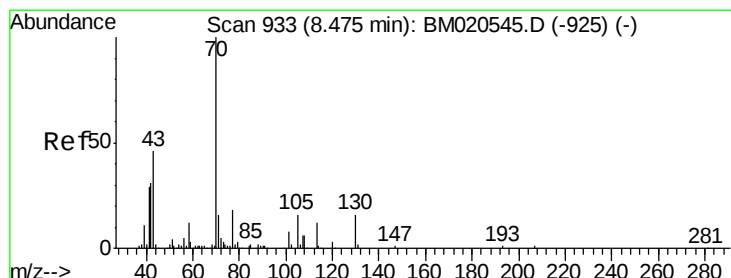
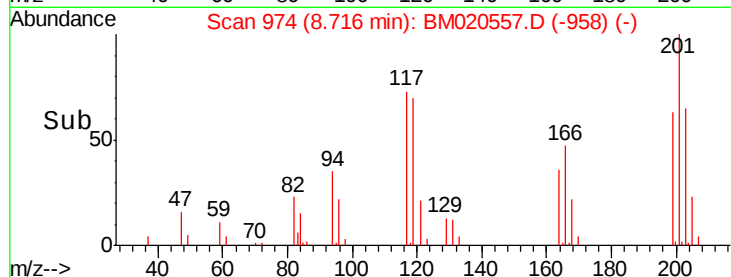
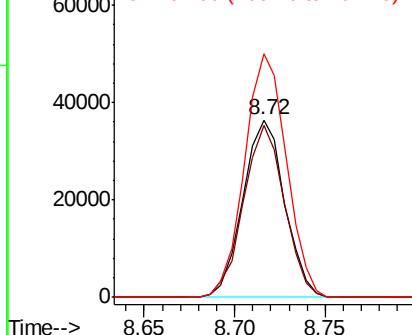


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 39.785 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
70	100		
42	31.0	24.7	37.1
101	9.0	6.8	10.2
130	17.0	13.1	19.7

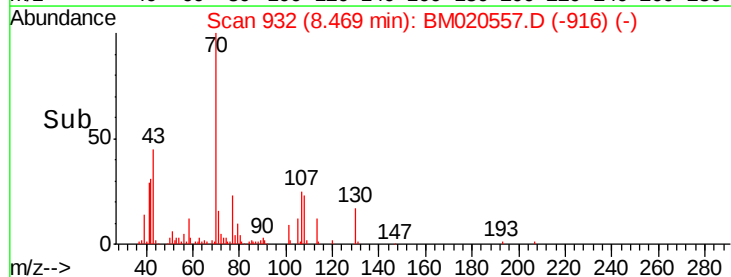
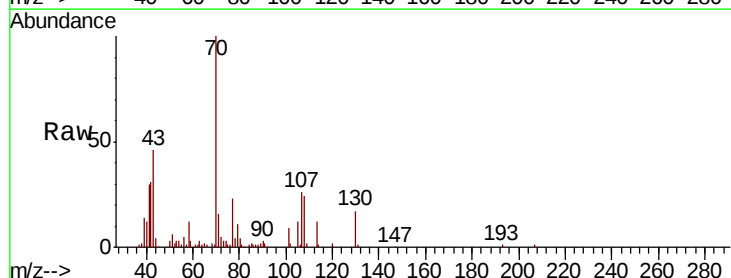
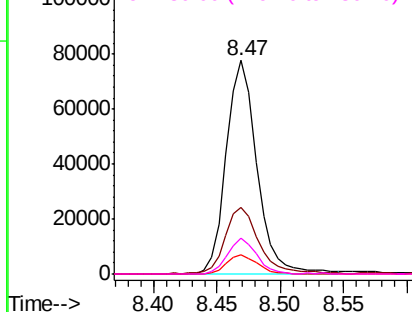
Abundance

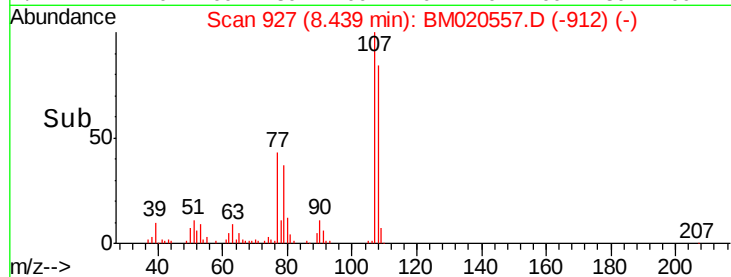
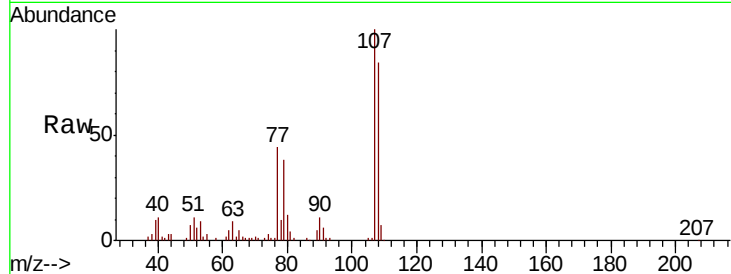
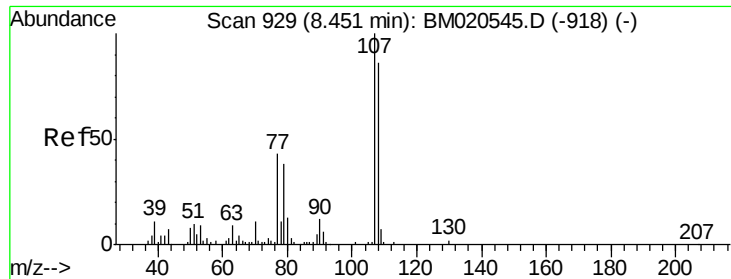
Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





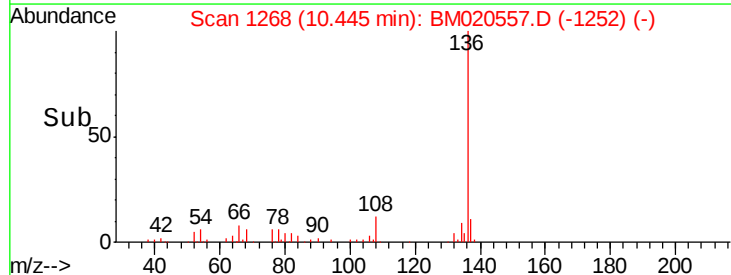
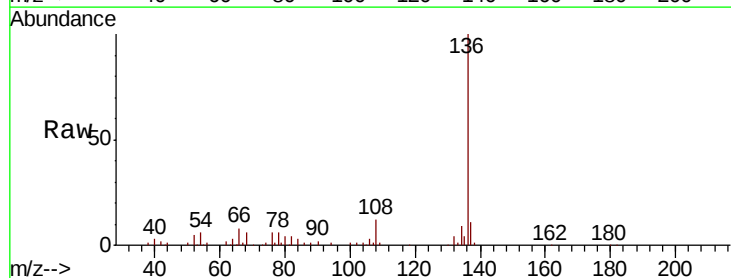
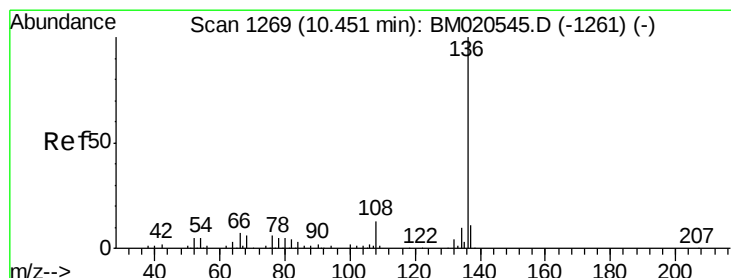
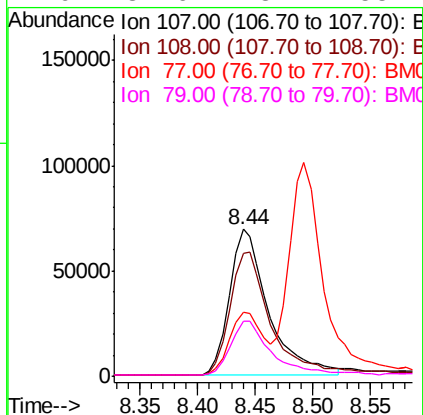
#20
3+4-Methylphenols
Concen: 46.271 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tot Ion	Ratio	Resp	Lower	Upper
107	100	163854		
108	83.8	66.5	106.5	
77	43.8	23.0	63.0	
79	37.6	18.2	58.2	

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

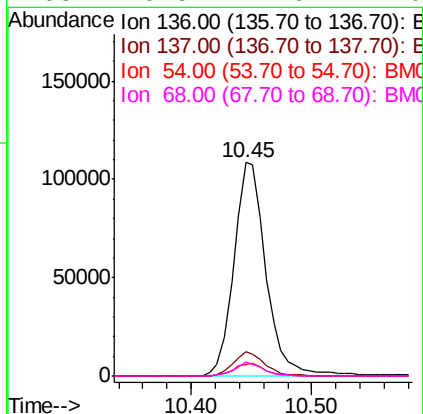
Manual Integrations
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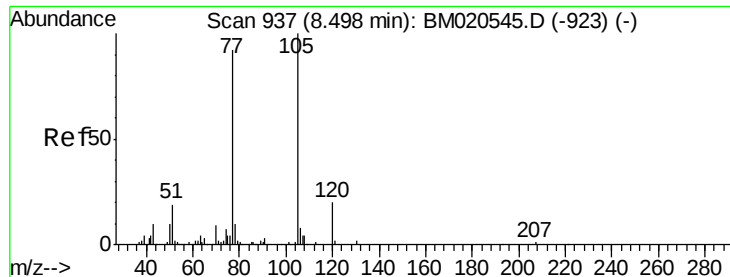
mohammad
5/27/2019 4:00:15 AM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	200242		
137	11.2	8.4	12.6	
54	5.5	4.2	6.4	
68	6.5	4.6	7.0	





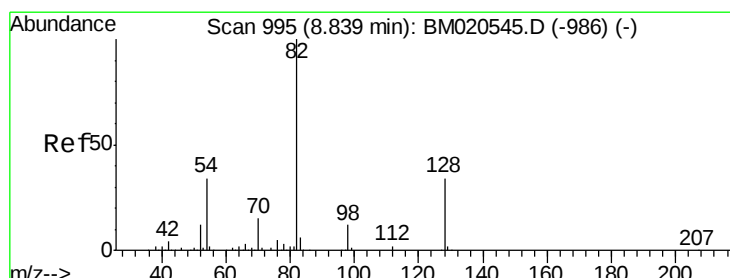
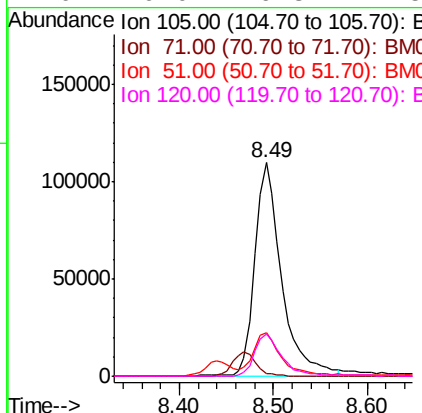
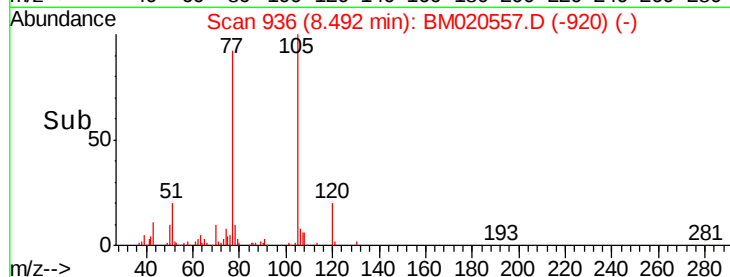
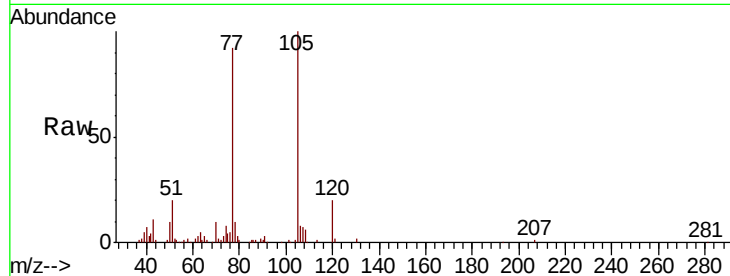
#22
Acetophenone
Concen: 39.563 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	218151		
71	71	1.5		1.3	1.9
51	51	20.3		15.7	23.5
120	120	20.0		16.3	24.5

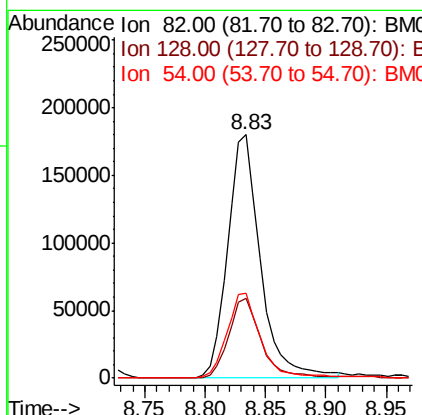
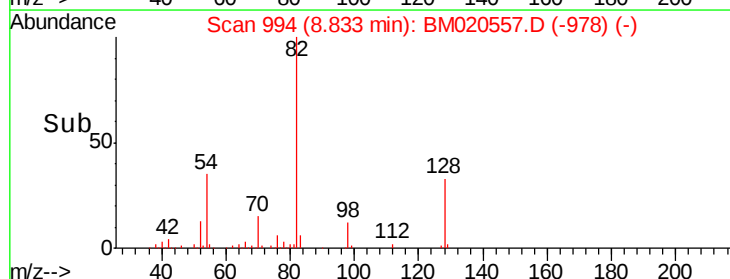
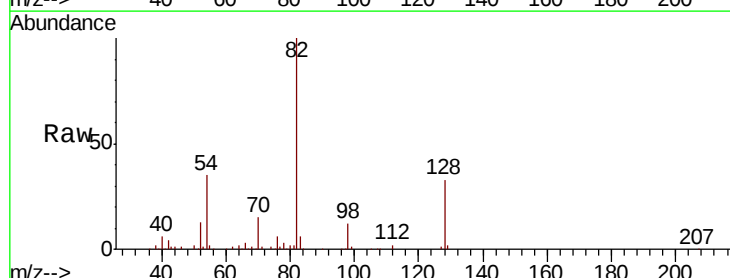
Manual Integrations
APPROVED

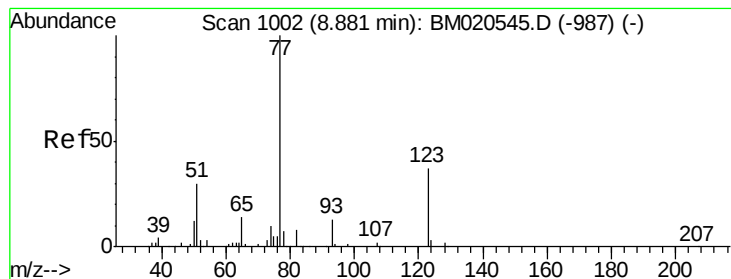
mohammad
5/27/2019 4:00:15 AM



#23
Nitrobenzene-d5
Concen: 71.544 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	341320		
128	128	32.8		27.0	40.4
54	54	35.1		27.4	41.2





#24

Nitrobenzene

Concen: 41.104 ng

RT: 8.87 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Instrument :

BNA_M

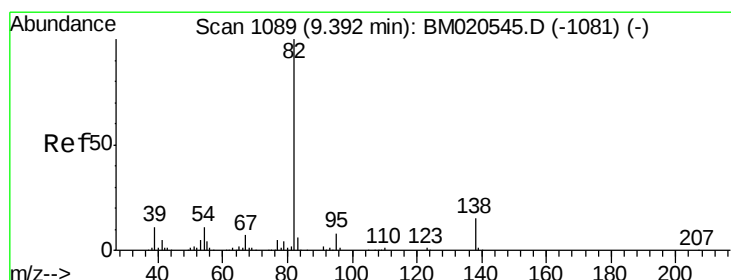
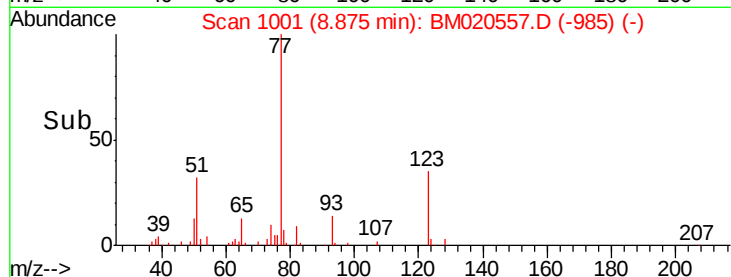
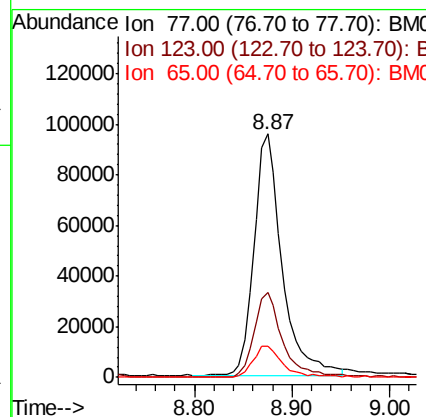
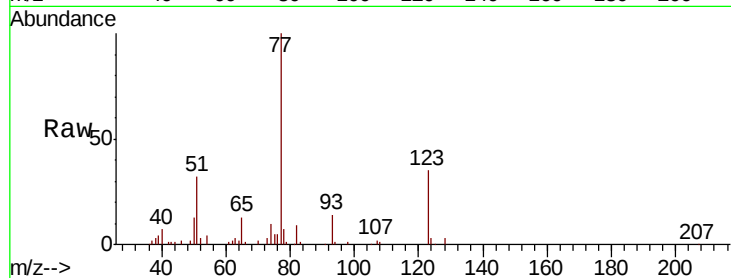
ClientSampleId :

PB120010BSD

Tot Ion:	77	Resp:	193664
Ion	Ratio	Lower	Upper
77	100		
123	34.8	29.4	44.2
65	12.8	10.8	16.2

Manual Integrations
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mohammad
5/27/2019 4:00:15 AM



#25

Isophorone

Concen: 40.593 ng

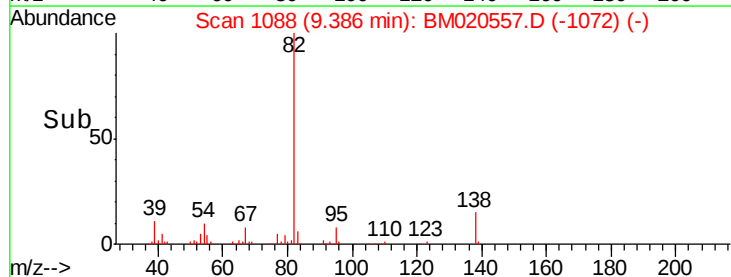
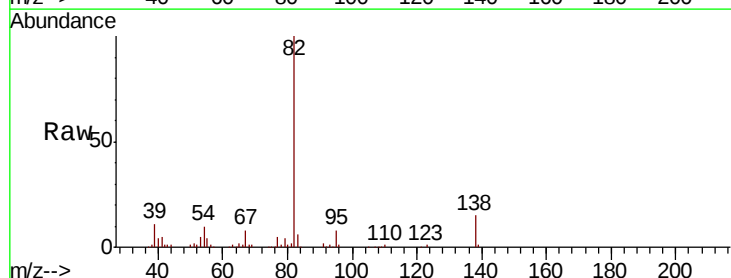
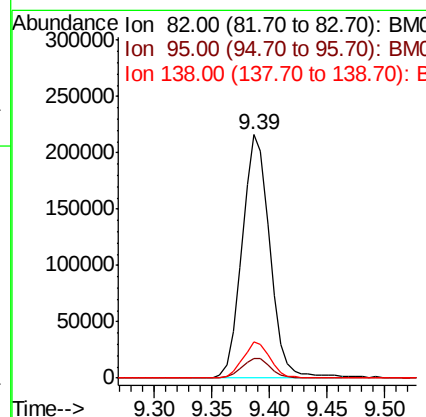
RT: 9.39 min Scan# 1088

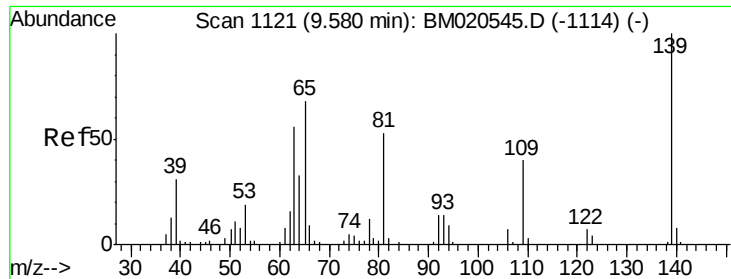
Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion:	82	Resp:	360350
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.7	10.1
138	15.1	12.0	18.0





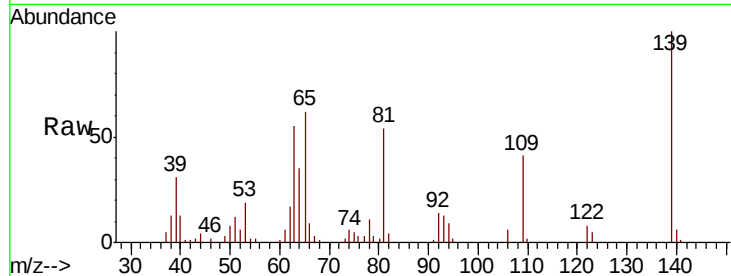
#26
2-Nitrophenol
Concen: 40.392 ng
RT: 9.58 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	70220		
109	40.8		32.3	48.5
65	62.1		54.4	81.6

Manual Integrations
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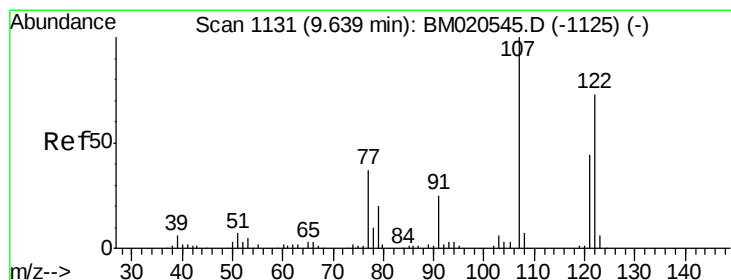
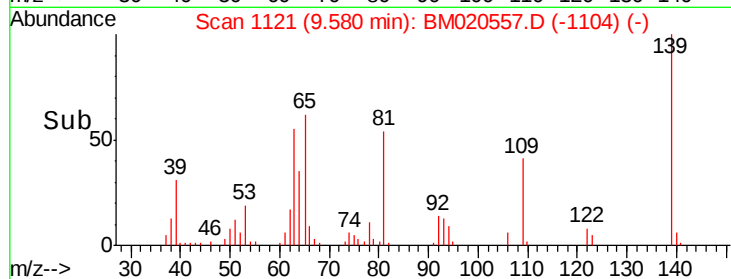
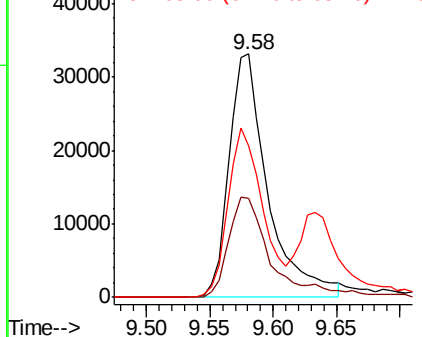


Abundance

Ion 139.00 (138.70 to 139.70): E

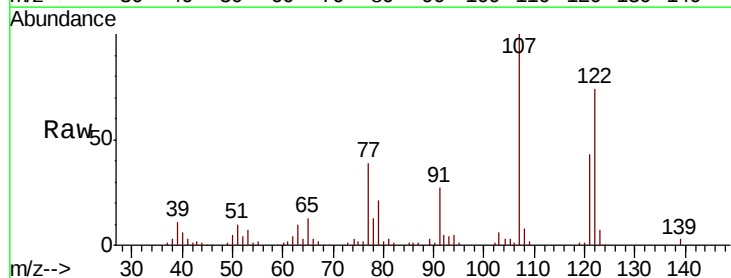
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#27
2,4-Dimethylphenol
Concen: 48.856 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	126524		
107	135.7		108.2	162.2
121	58.6		47.4	71.0

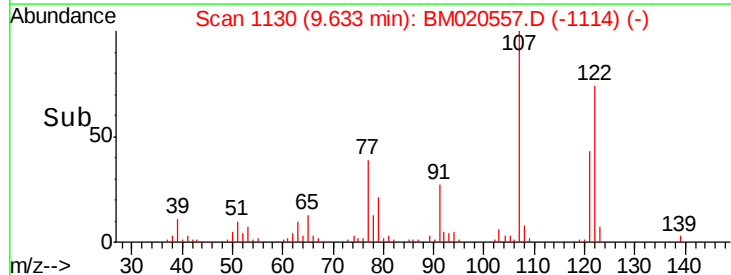
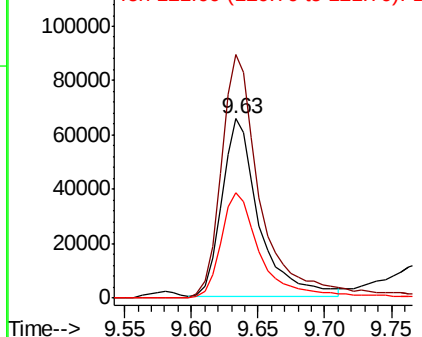


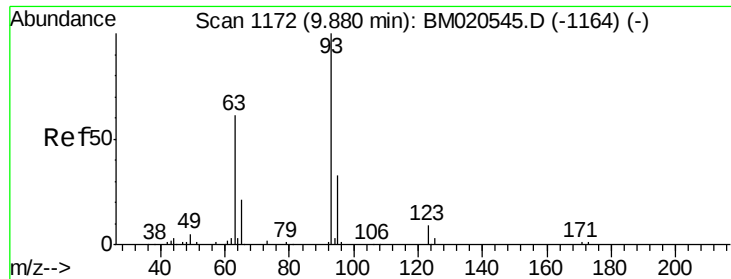
Abundance

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





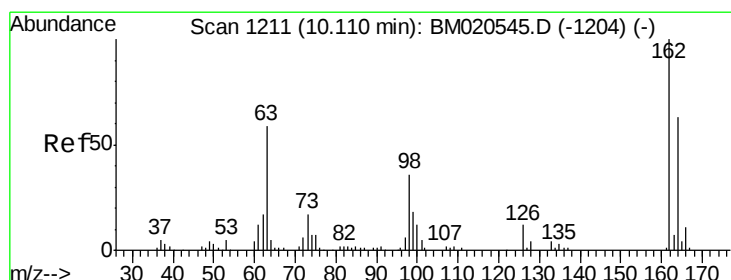
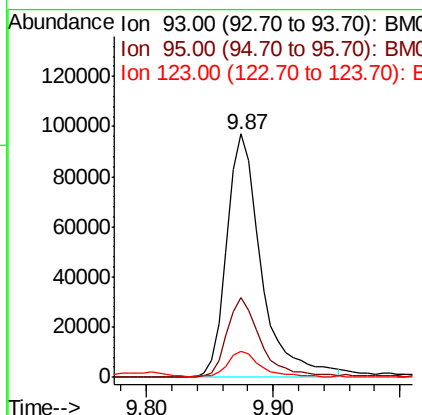
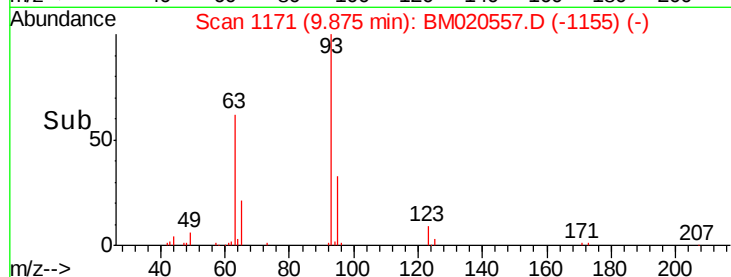
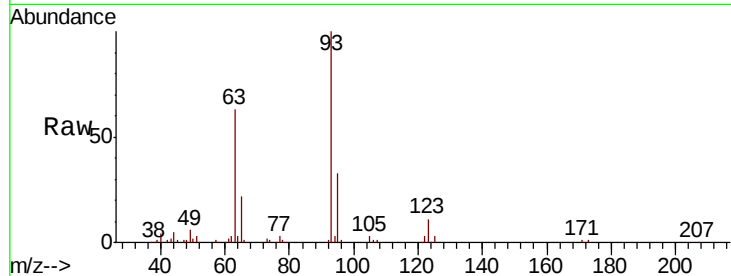
#28
bis(2-Chloroethoxy)methane
Concen: 39.636 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	26.1	39.1	
123	10.7	8.1	12.1	

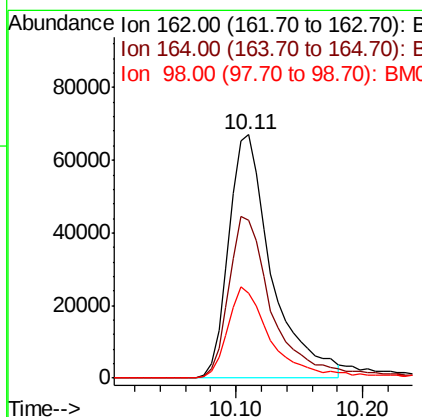
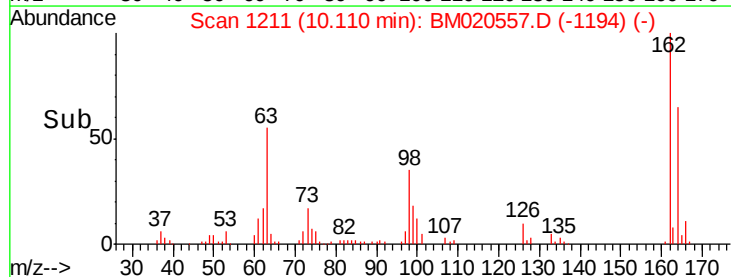
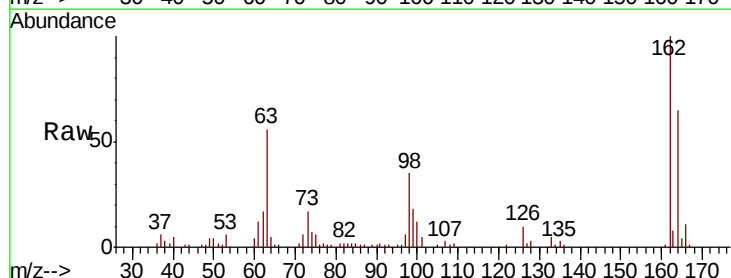
Manual Integrations
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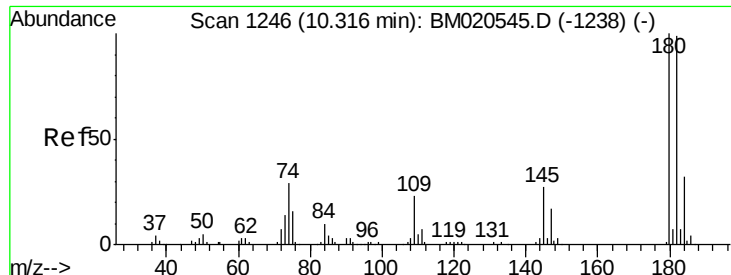
mohammad
5/27/2019 4:00:15 AM



#29
2,4-Dichlorophenol
Concen: 45.641 ng
RT: 10.11 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.6	43.1	83.1	
98	34.9	16.2	56.2	





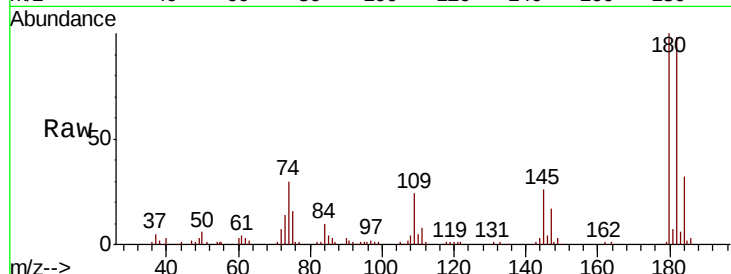
#30
 1,2,4-Trichlorobenzene
 Concen: 38.871 ng
 RT: 10.31 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	183063		
182	98.5	78.8	118.2	
145	25.7	21.3	31.9	

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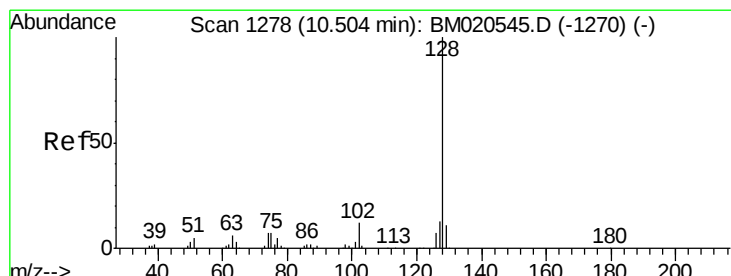
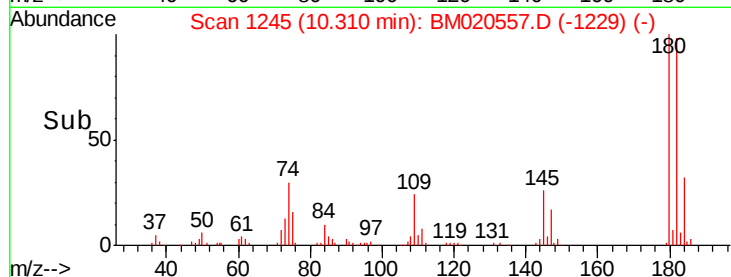
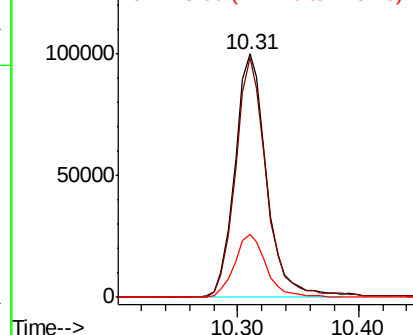


Abundance

Ion 180.00 (179.70 to 180.70): E

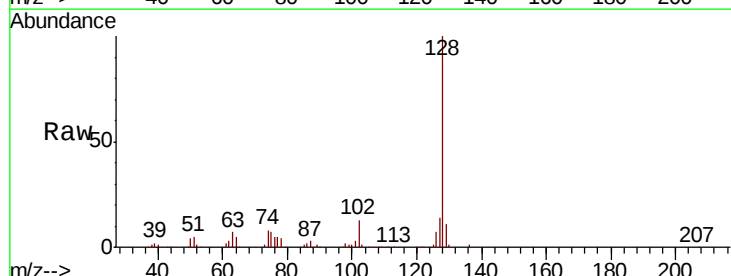
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31
 Naphthalene
 Concen: 40.307 ng
 RT: 10.50 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	416741		
129	10.6	9.0	13.6	
127	13.8	10.4	15.6	

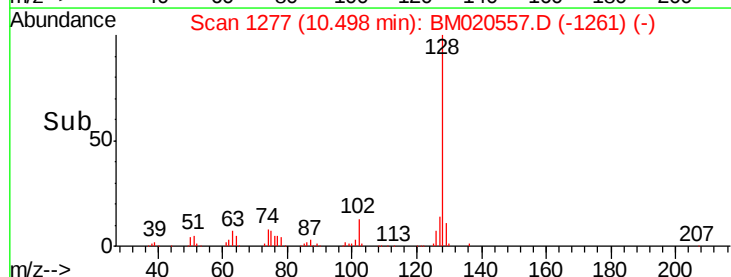
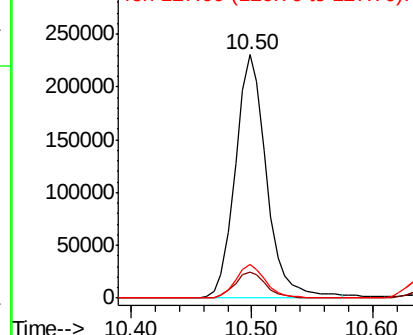


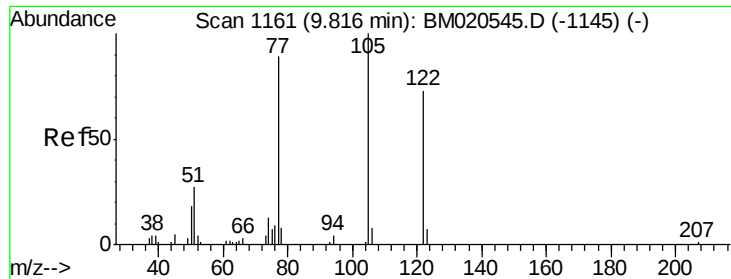
Abundance

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





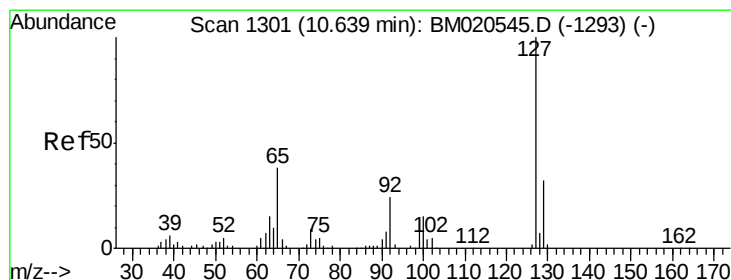
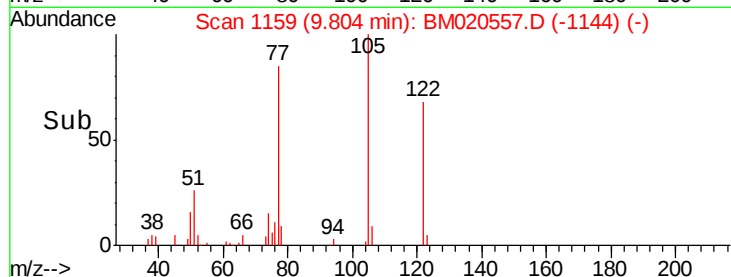
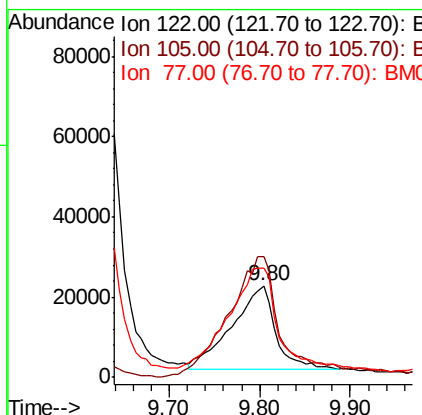
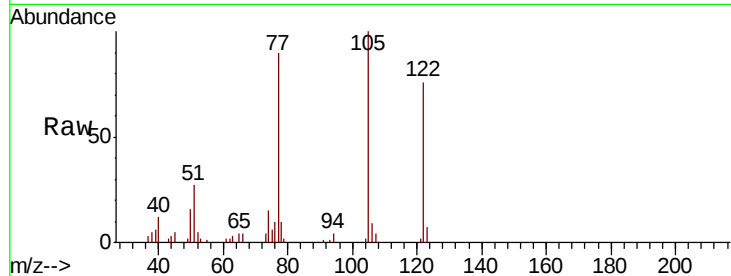
#32
Benzoic acid
Concen: 41.584 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
122	100		
105	132.4	108.8	148.8
77	119.7	97.8	137.8

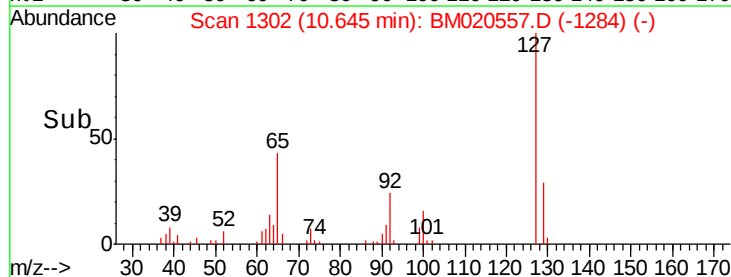
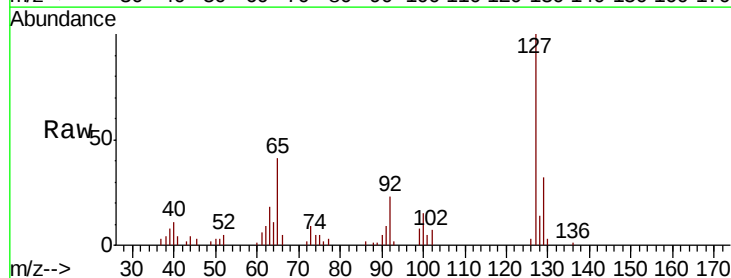
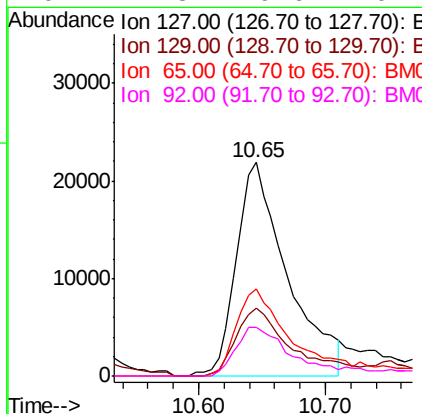
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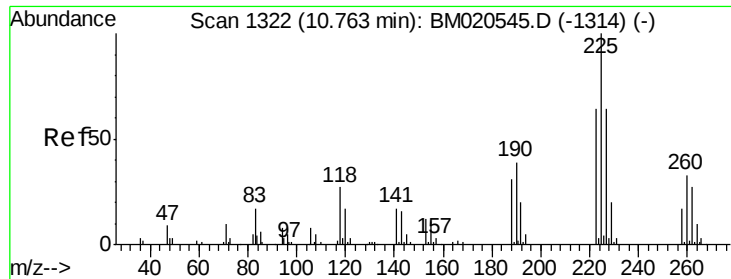
mohammad
5/27/2019 4:00:15 AM



#33
4-Chloroaniline
Concen: 14.822 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.2
65	40.5	30.6	45.8
92	22.8	19.6	29.4





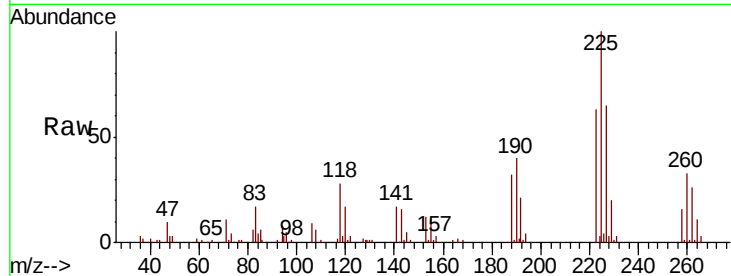
#34
Hexachlorobutadiene
Concen: 37.445 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	131111		
223	63.1		51.4	77.0
227	64.5		51.0	76.6

Manual Integrations
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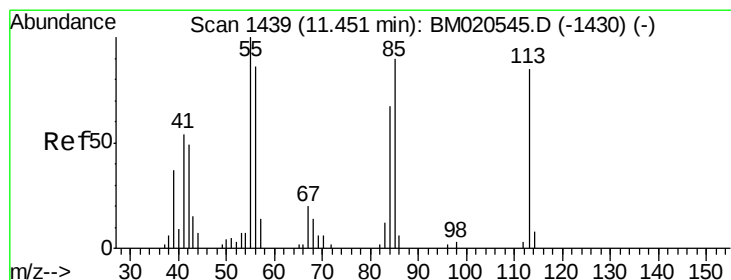
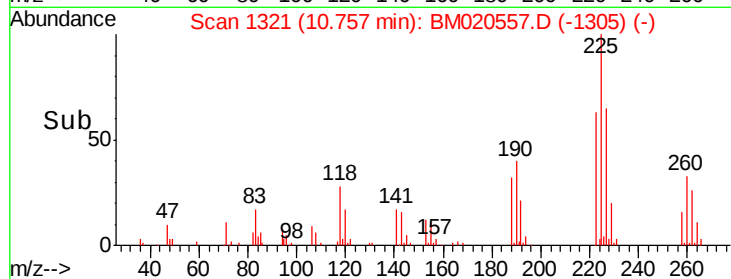
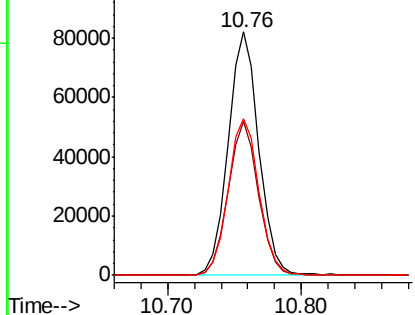


Abundance

Ion 225.00 (224.70 to 225.70): E

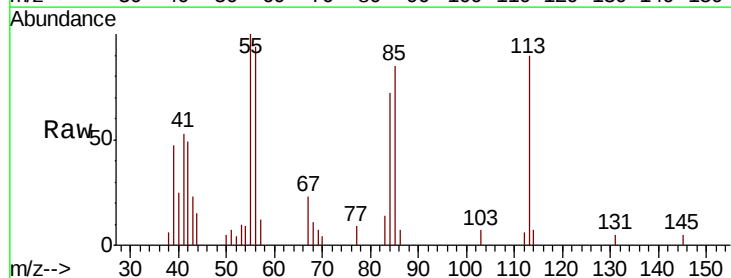
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 40.346 ng m
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	45736		
55	110.7		97.6	137.6
56	104.5		81.6	121.6

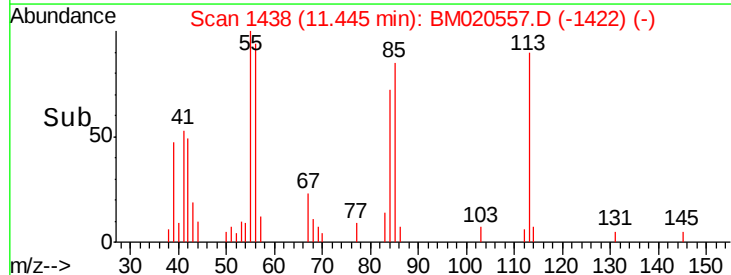
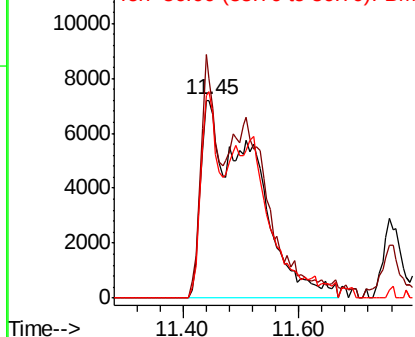


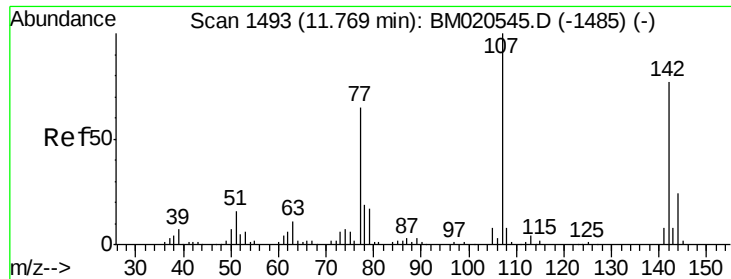
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0





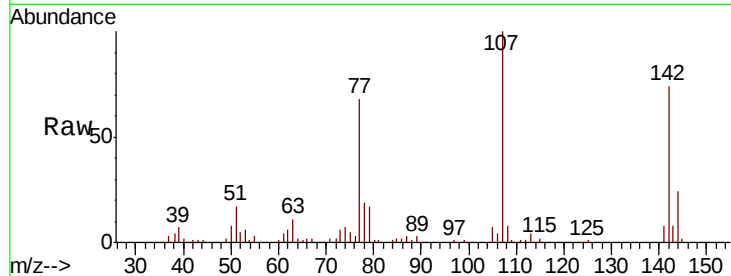
#36
 4-Chloro-3-methylphenol
 Concen: 45.305 ng
 RT: 11.76 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampled :
 PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	169815		
144	23.7	19.0	28.6	
142	73.7	61.3	91.9	

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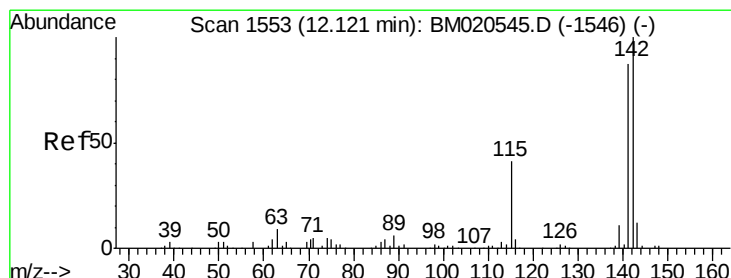
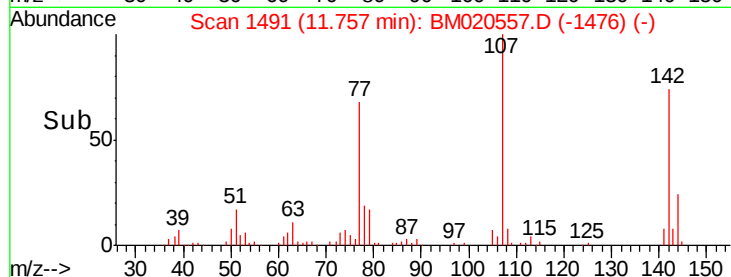
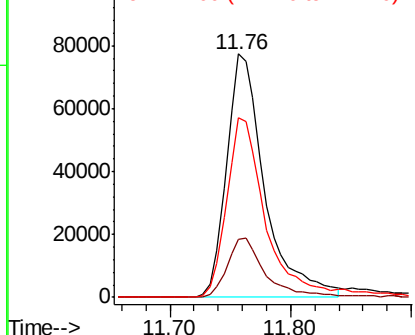


Abundance

Ion 107.00 (106.70 to 107.70): E

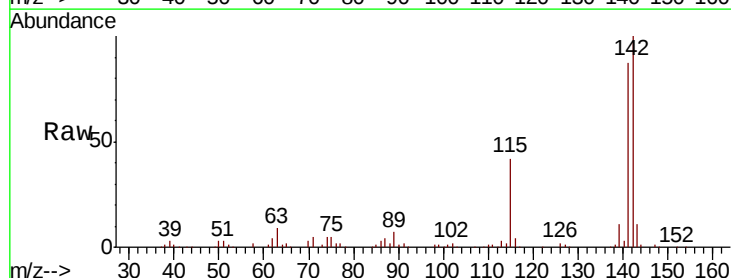
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 42.367 ng
 RT: 12.12 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	334646		
141	87.4	69.9	104.9	
115	41.9	32.9	49.3	

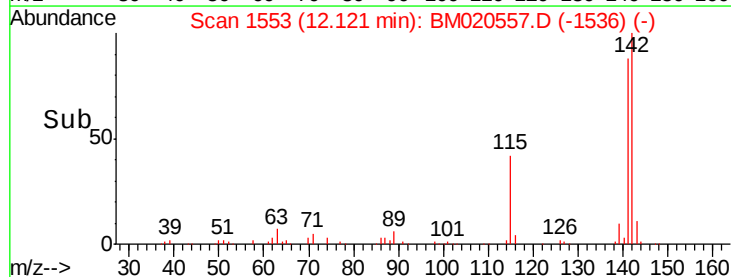
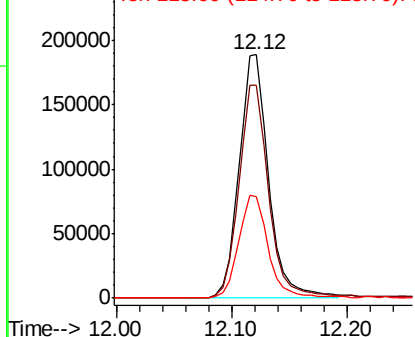


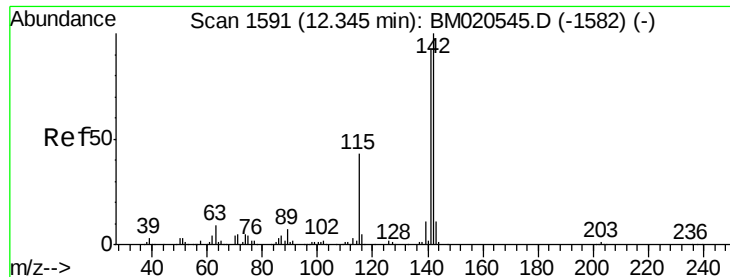
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





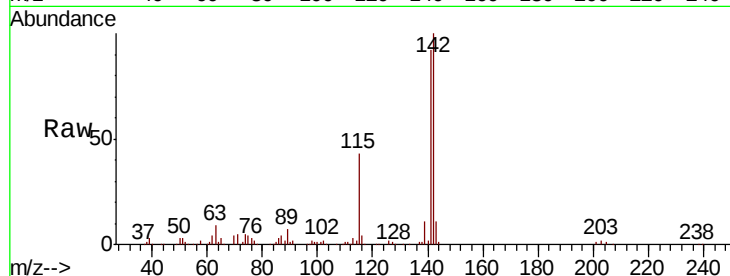
#38
1-Methylnaphthalene
Concen: 42.178 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampled :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	4.4	3.7	5.5

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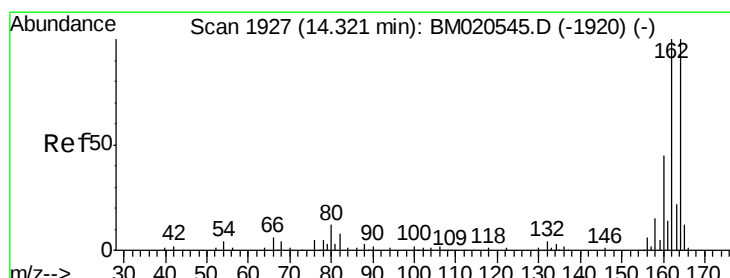
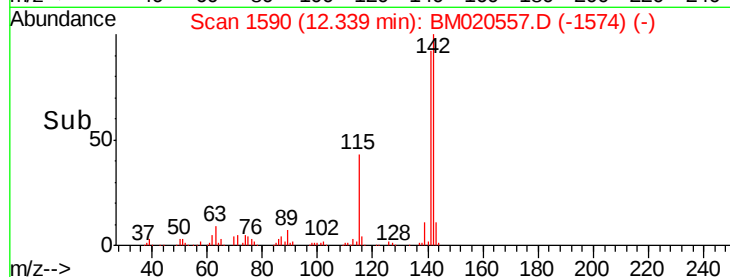
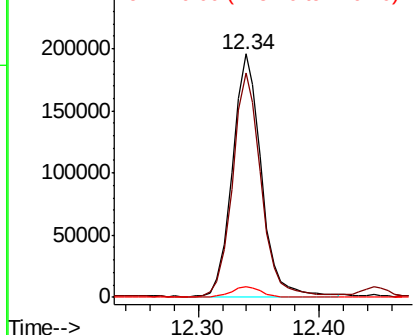


Abundance

Ion 142.00 (141.70 to 142.70): E

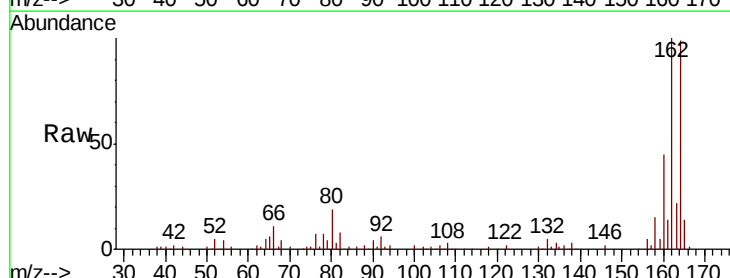
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.8
160	45.0	35.9	53.9

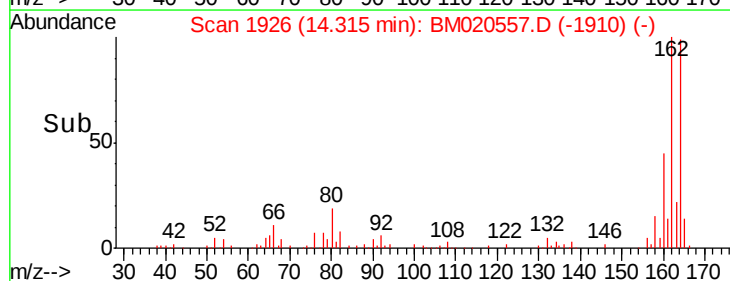
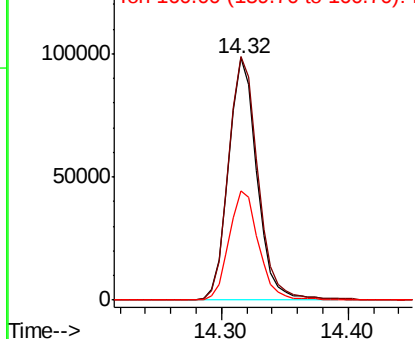


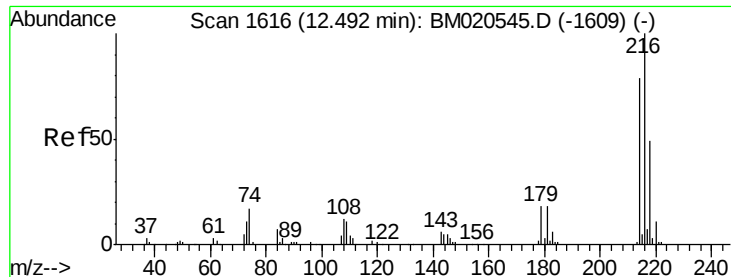
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





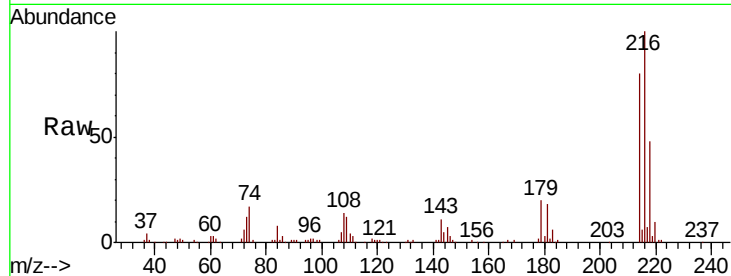
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.252 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	258272		
214	79.0	63.0	94.6	
179	18.8	14.8	22.2	
108	13.2	10.5	15.7	

Manual Integrations
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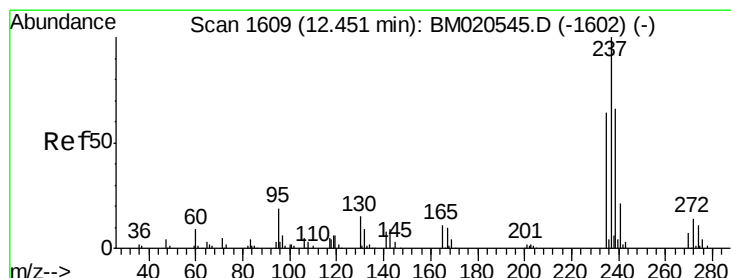
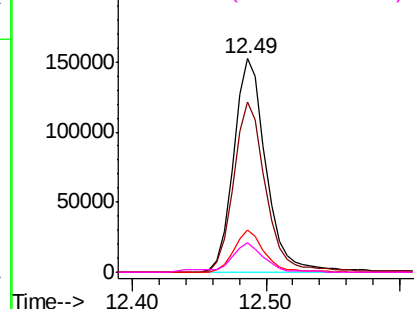
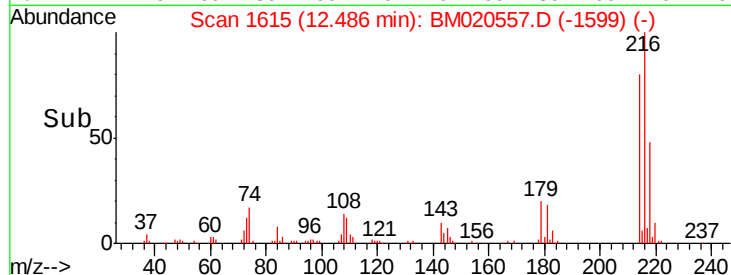
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

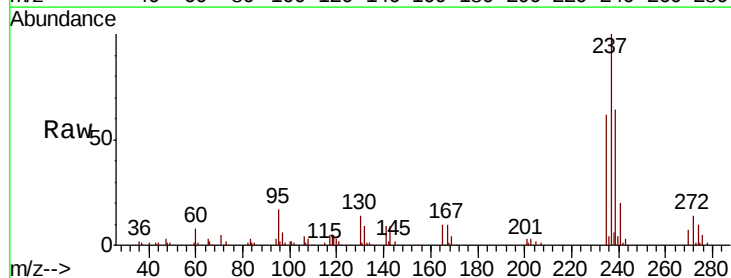
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41
Hexachlorocyclopentadiene
Concen: 42.151 ng
RT: 12.45 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	118763		
235	62.3	43.5	83.5	
272	13.9	0.0	33.9	

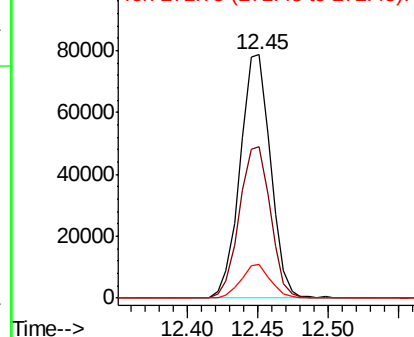
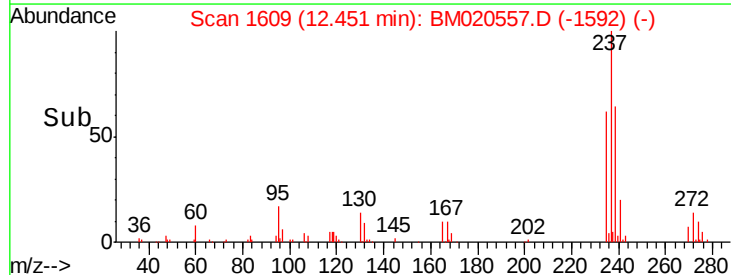


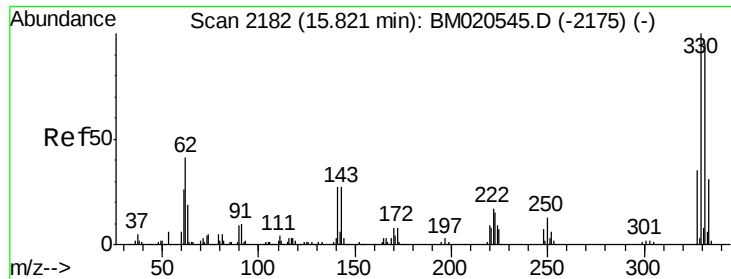
Abundance

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





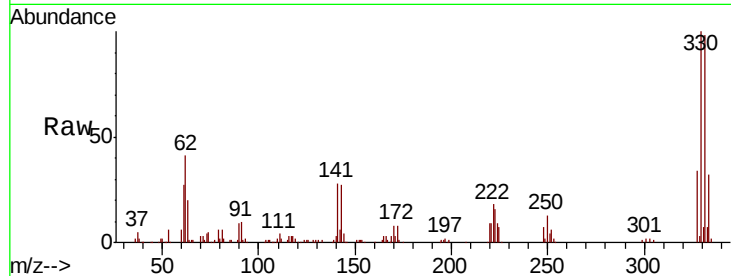
#42
 2,4,6-Tribromophenol
 Concen: 80.110 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

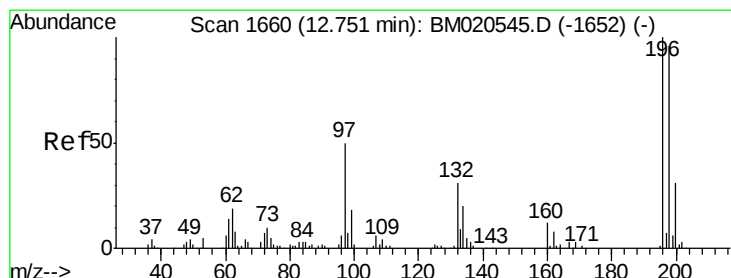
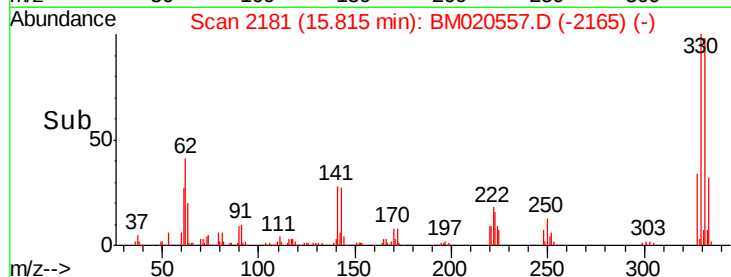
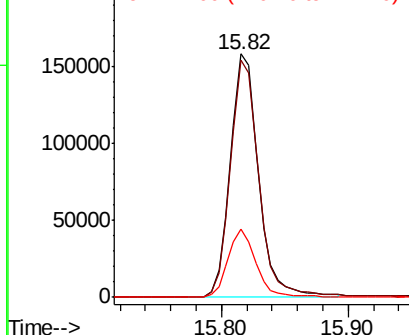
Tot Ion	Ratio	Resp	Lower	Upper
330	100	244976		
332	97.6		77.5	116.3
141	27.7		21.7	32.5

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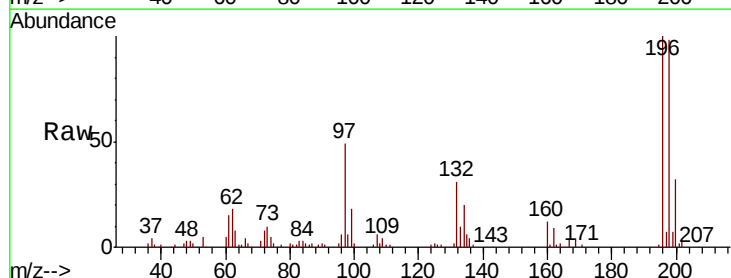


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

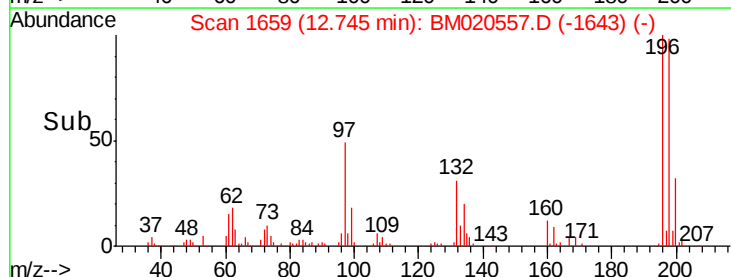
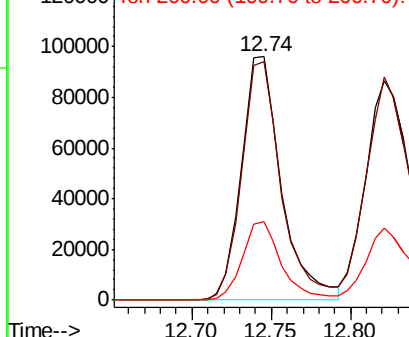


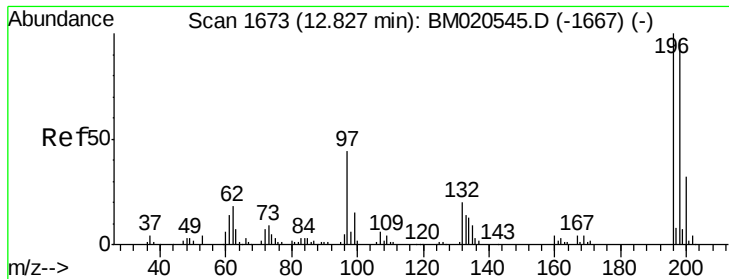
#43
 2,4,6-Trichlorophenol
 Concen: 42.473 ng
 RT: 12.74 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168649		
198	97.8		76.4	114.6
200	32.1		25.0	37.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 45.146 ng

RT: 12.82 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BM020557.D

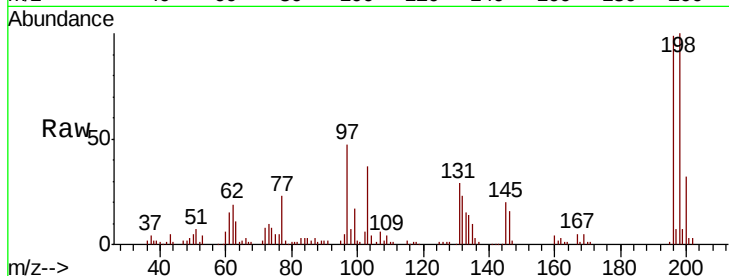
Acq: 25 May 2019 00:56

Instrument :

BNA_M

ClientSampled :

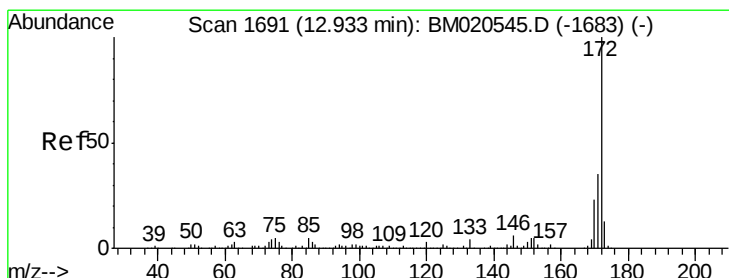
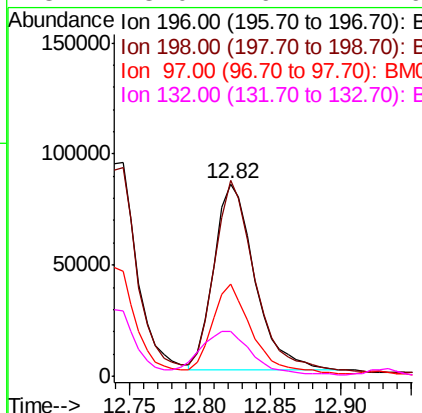
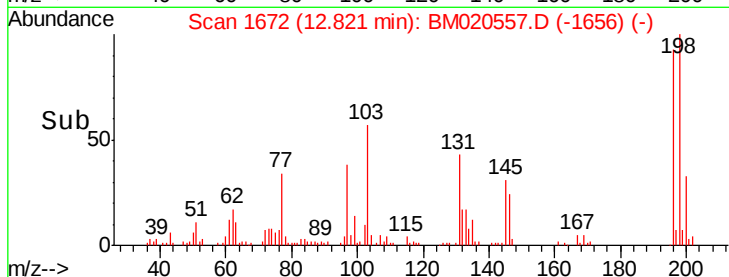
PB120010BSD



Tot Ion	196	Resp	167400
Ion Ratio	Lower	Upper	
196	100		
198	101.4	77.6	116.4
97	48.1	35.4	53.0
132	23.0	16.4	24.6

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#45

2-Fluorobiphenyl

Concen: 70.497 ng

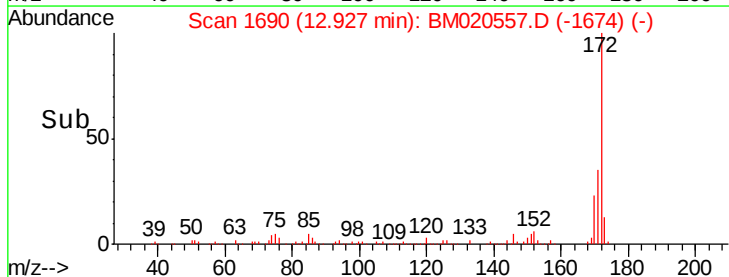
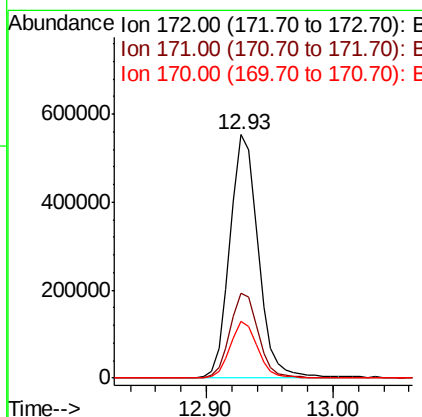
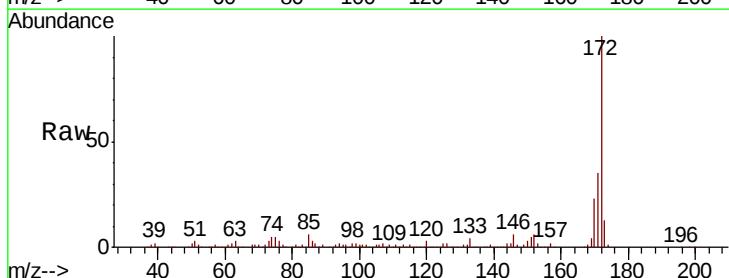
RT: 12.93 min Scan# 1690

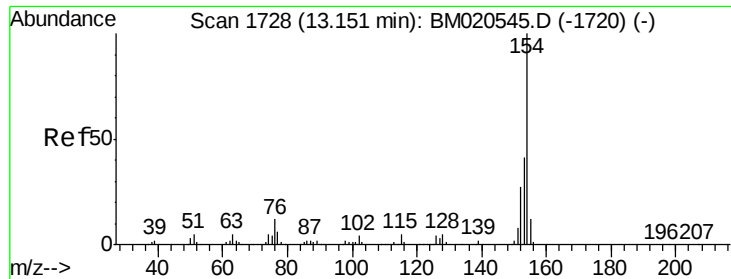
Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion	172	Resp	857535
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.9	41.9
170	23.2	18.2	27.4





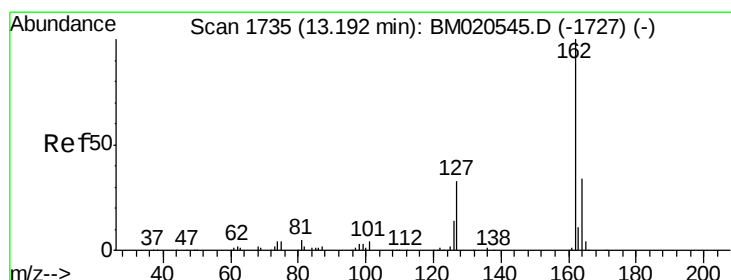
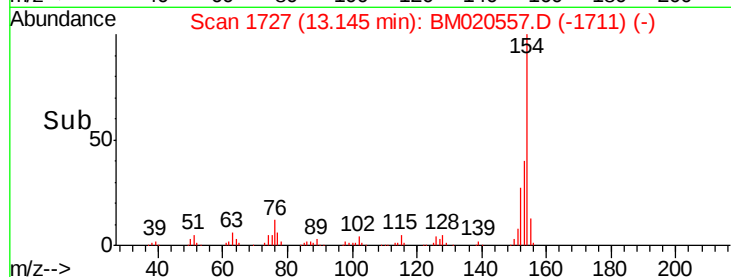
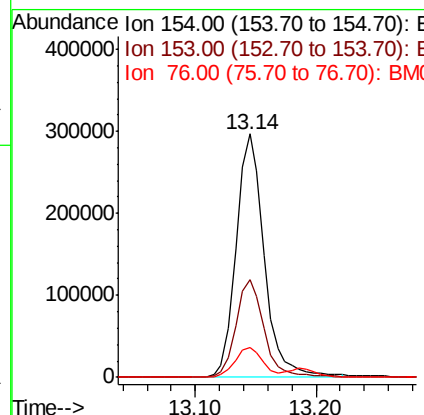
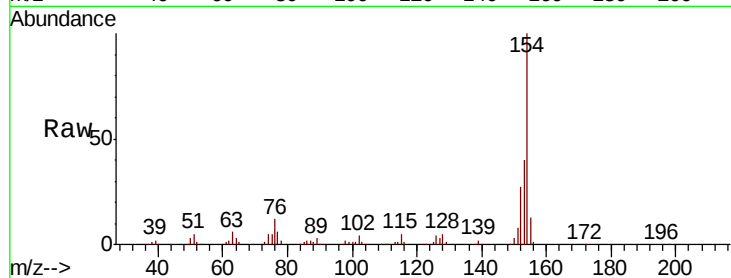
#46
1,1'-Biphenyl
Concen: 40.974 ng
RT: 13.14 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	12.4	0.0	32.2

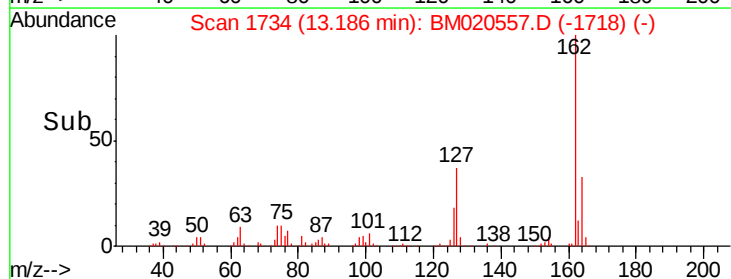
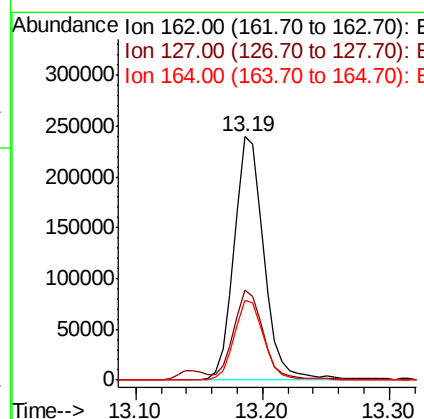
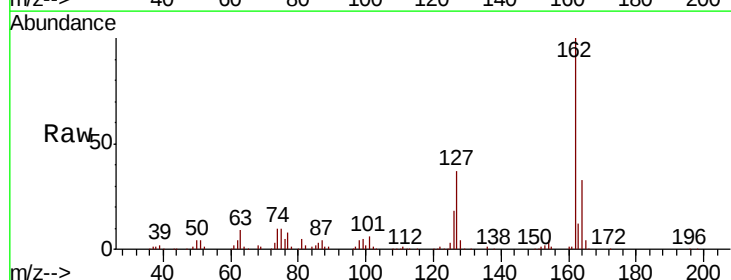
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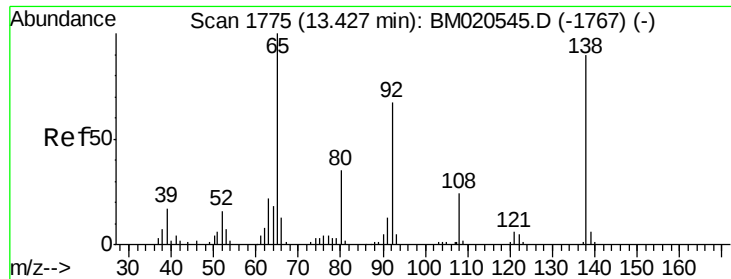
mohammad
5/27/2019 4:00:15 AM



#47
2-Chloronaphthalene
Concen: 39.057 ng
RT: 13.19 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.7	29.2	43.8
164	33.0	27.4	41.2





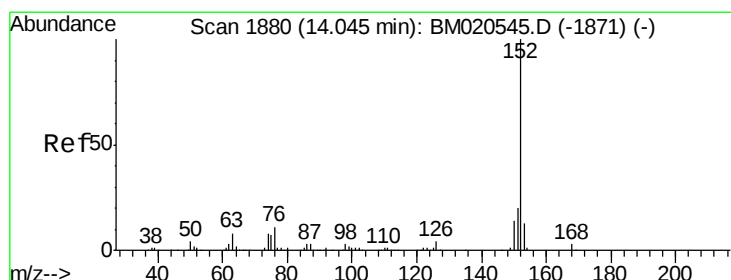
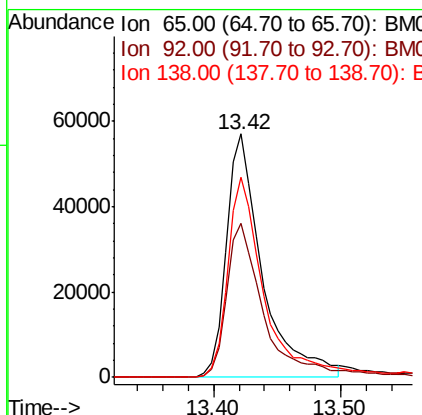
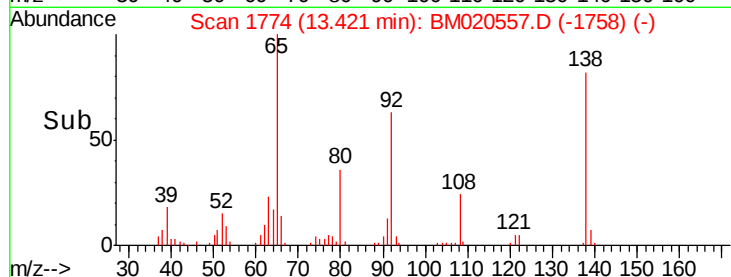
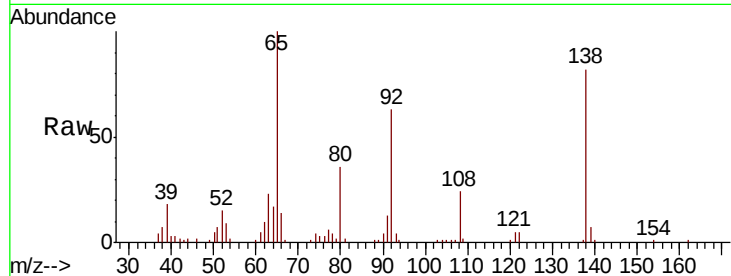
#48
2-Nitroaniline
Concen: 37.114 ng
RT: 13.42 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.1	53.6	80.4
138	82.4	72.0	108.0

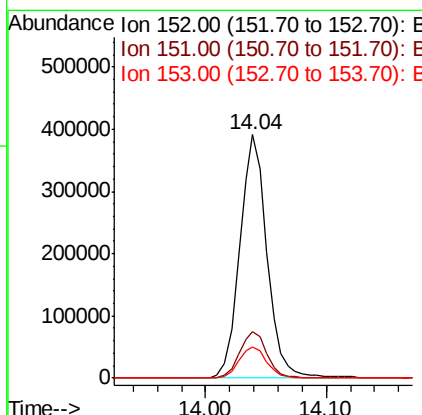
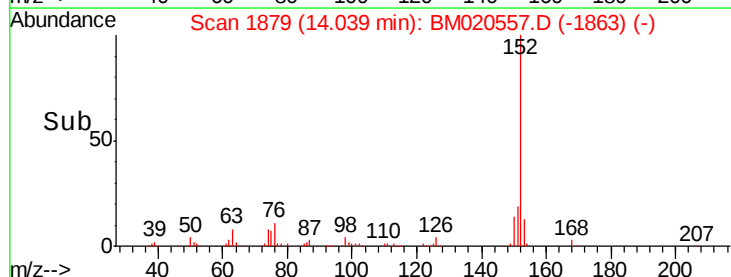
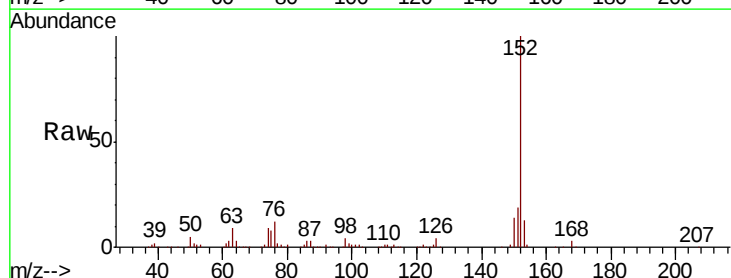
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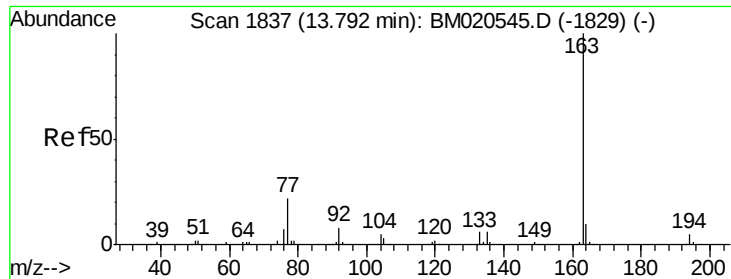
mohammad
5/27/2019 4:00:15 AM



#49
Acenaphthylene
Concen: 40.474 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.7	10.2	15.2





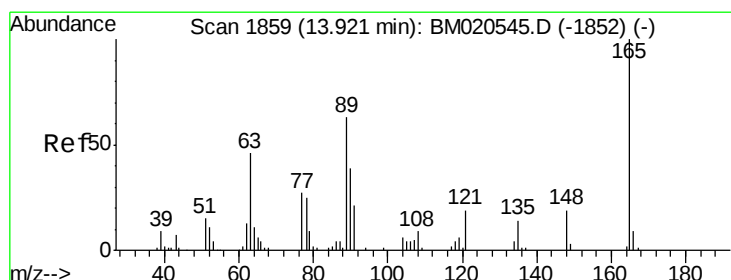
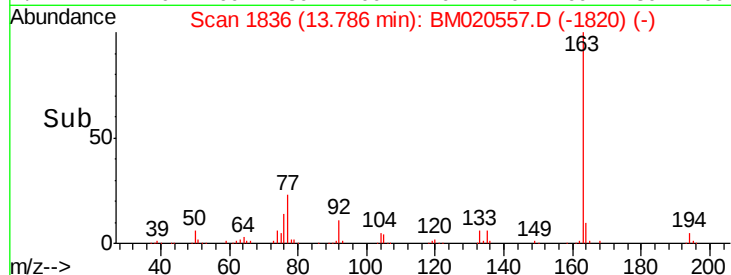
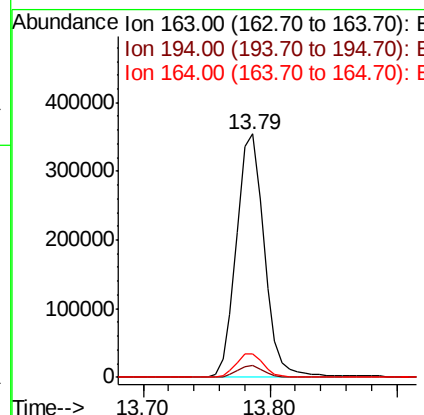
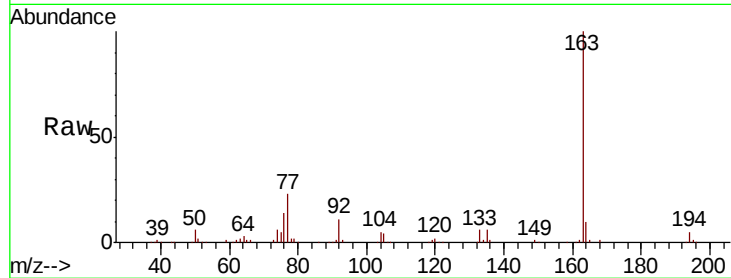
#50
Dimethylphthalate
Concen: 39.974 ng
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	540438		
194	4.8		3.9	5.9
164	9.9		8.0	12.0

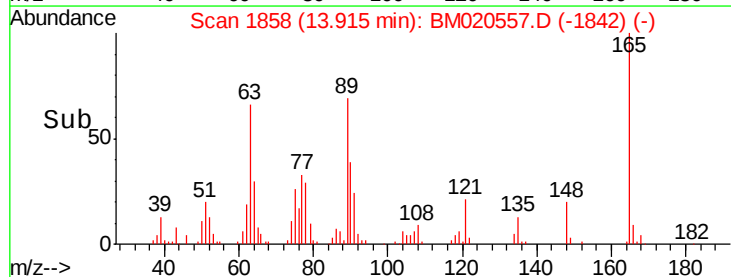
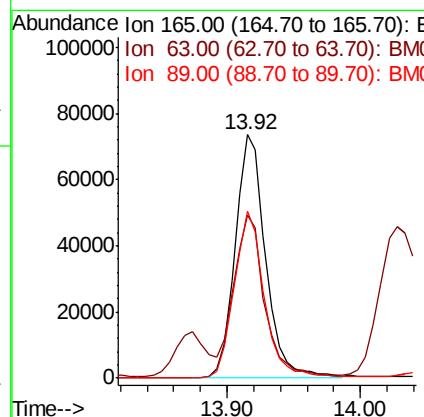
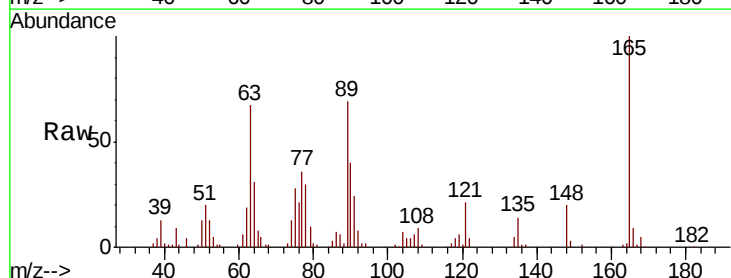
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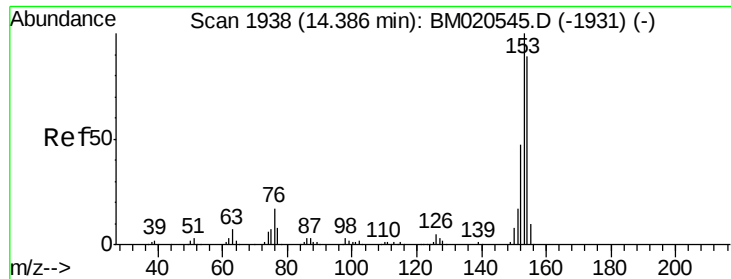
mohammad
5/27/2019 4:00:15 AM



#51
2,6-Dinitrotoluene
Concen: 41.548 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117076		
63	66.9		49.6	74.4
89	68.7		50.8	76.2





#52

Acenaphthene

Concen: 39.770 ng

RT: 14.38 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Instrument :

BNA_M

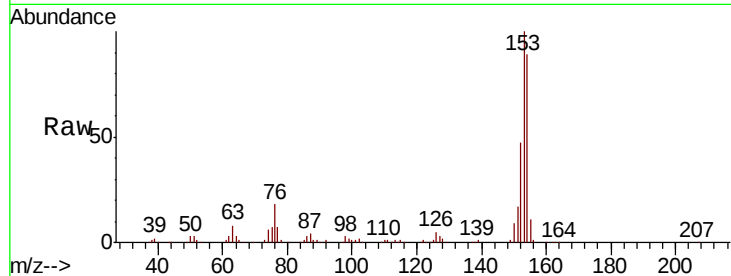
ClientSampleId :

PB120010BSD

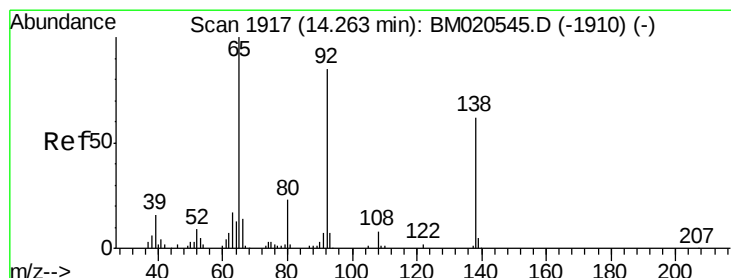
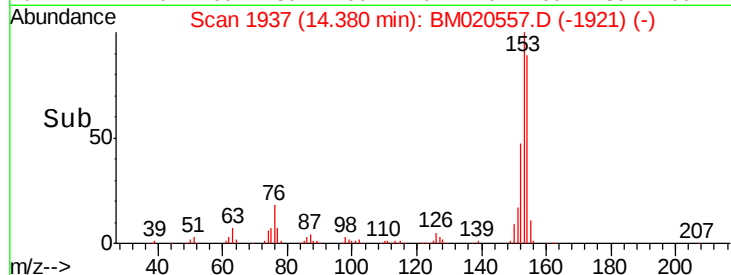
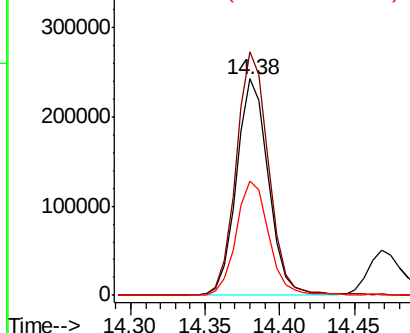
Tot Ion:	154	Resp:	363199
Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.2	135.4
152	52.6	42.0	63.0

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



#53

3-Nitroaniline

Concen: 27.277 ng

RT: 14.26 min Scan# 1917

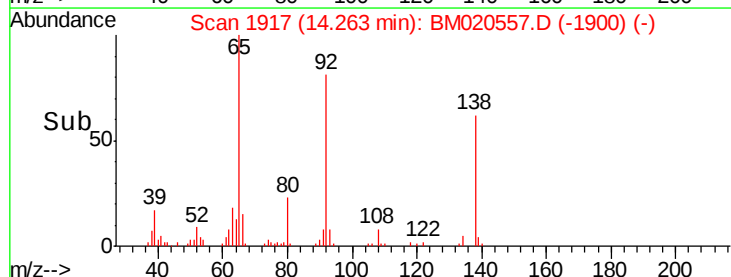
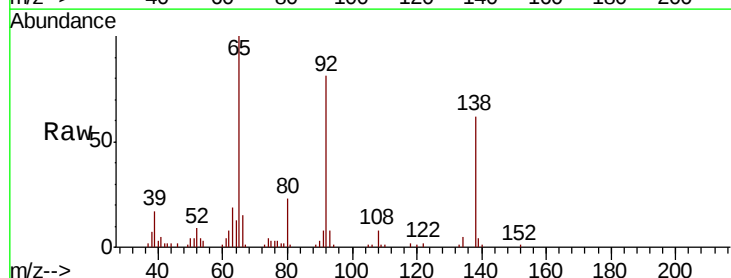
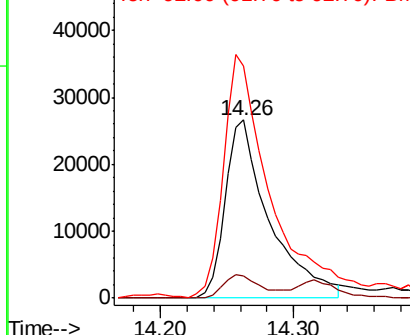
Delta R.T. 0.00 min

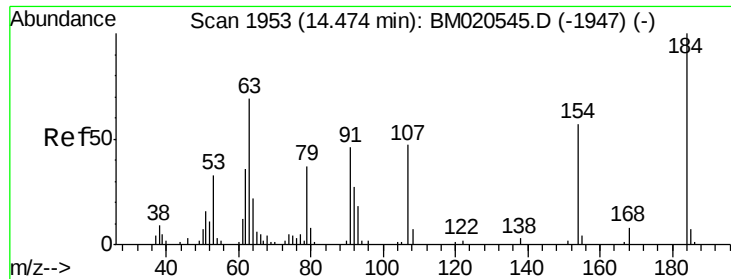
Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion:	138	Resp:	61650
Ion	Ratio	Lower	Upper
138	100		
108	12.2	10.1	15.1
92	130.4	109.5	164.3

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





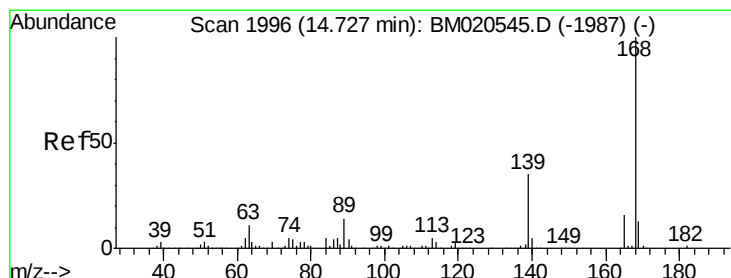
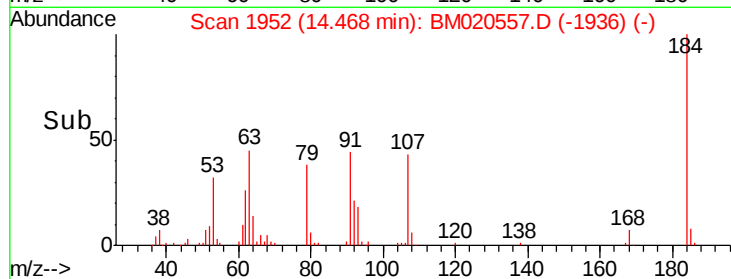
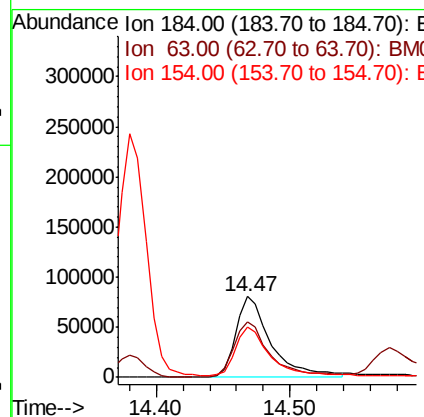
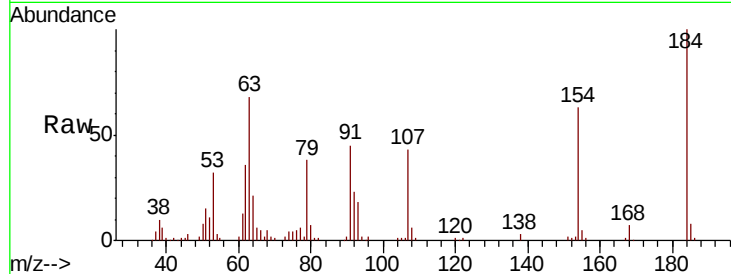
#54
 2,4-Dinitrophenol
 Concen: 80.445 ng
 RT: 14.47 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	147758		
63	68.2	56.3	84.5	
154	63.1	49.0	73.6	

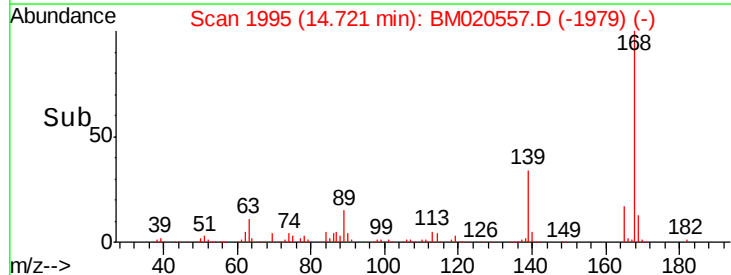
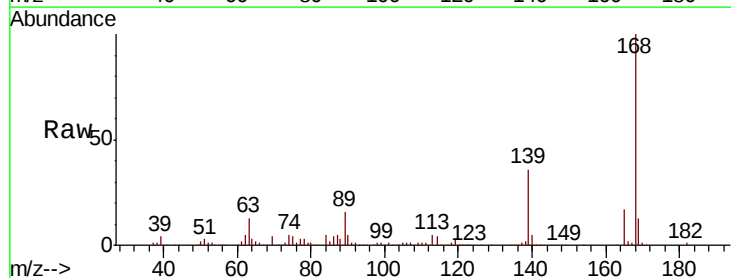
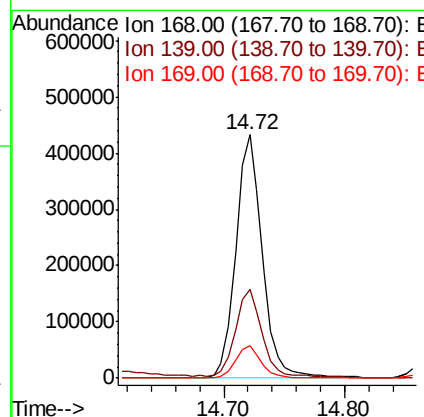
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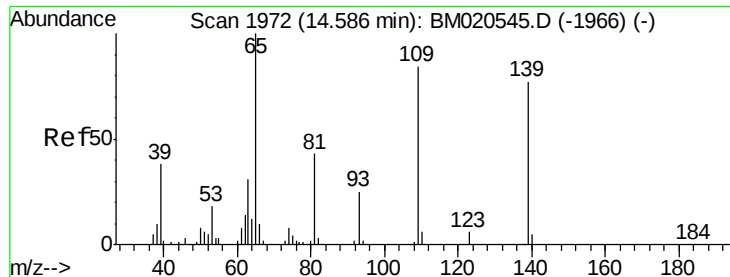
mohammad
 5/27/2019 4:00:15 AM



#55
 Dibenzofuran
 Concen: 41.816 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	660829		
139	36.3	28.2	42.4	
169	13.5	10.6	16.0	





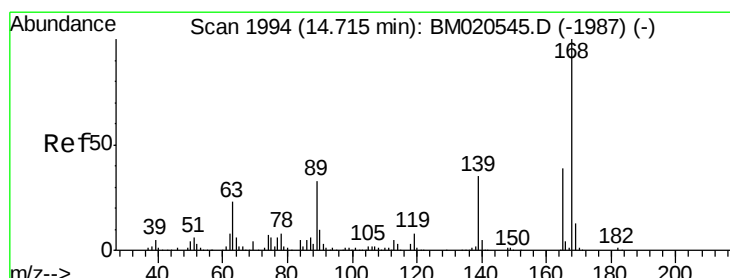
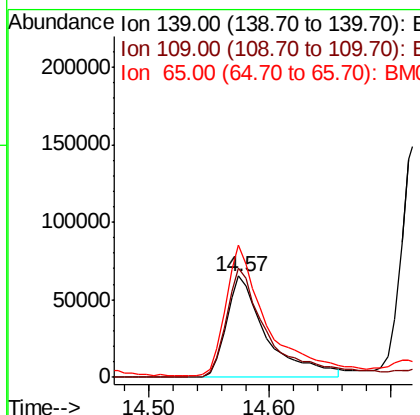
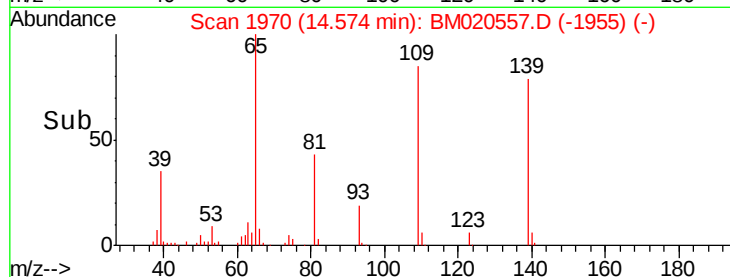
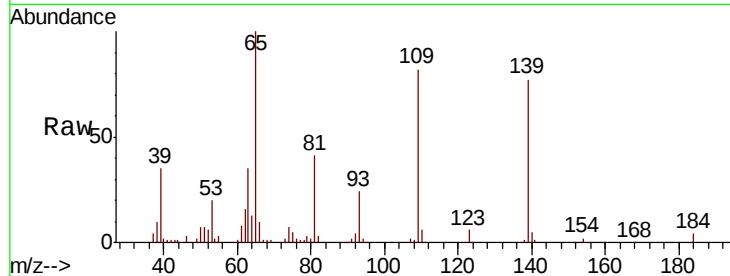
#56
4-Nitrophenol
Concen: 80.931 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.3	89.4	129.4	
65	130.5	113.3	153.3	

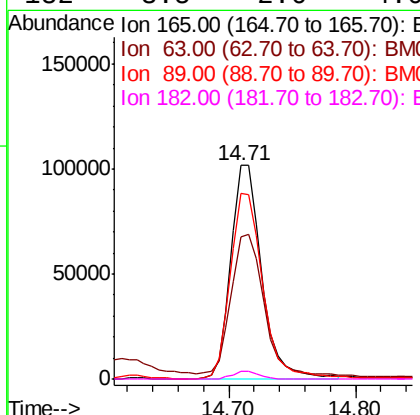
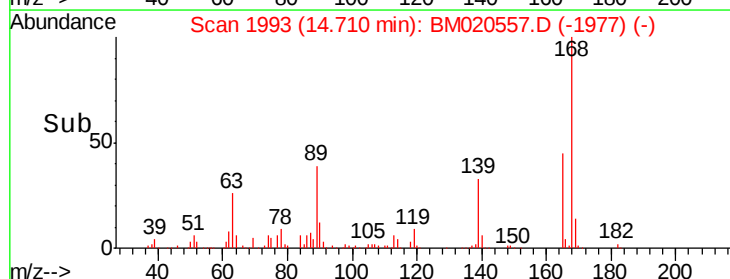
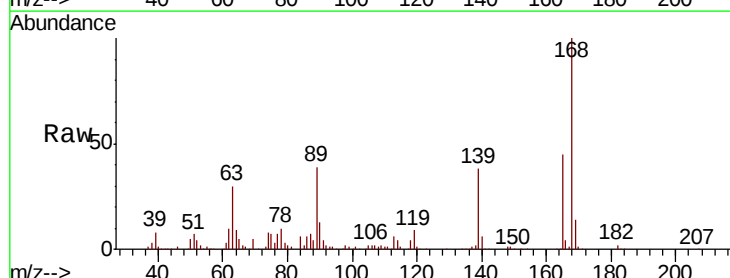
Manual Integrations
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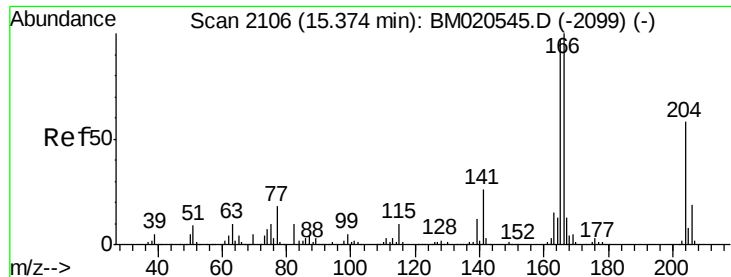
mohammad
5/27/2019 4:00:15 AM



#57
2,4-Dinitrotoluene
Concen: 42.114 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.8	48.7	73.1	
89	86.8	68.8	103.2	
182	3.5	2.6	4.0	





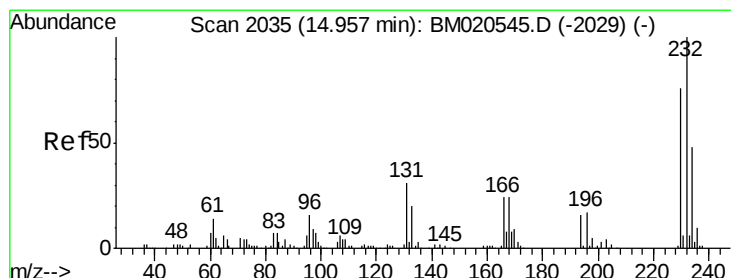
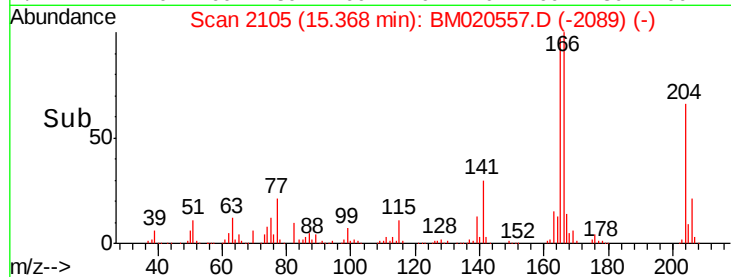
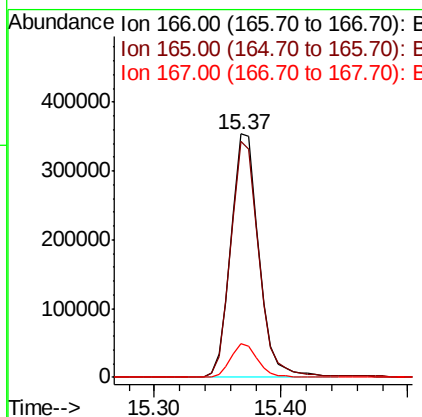
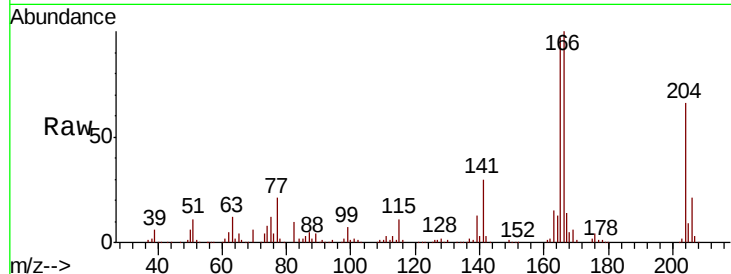
#58
 Fluorene
 Concen: 41.129 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.4	116.0
167	13.9	10.6	16.0

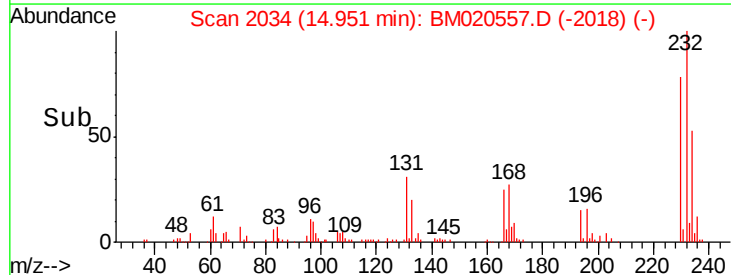
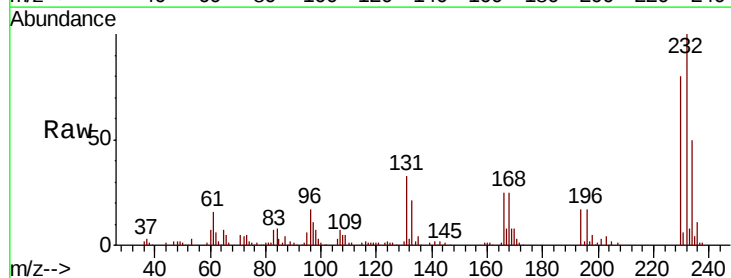
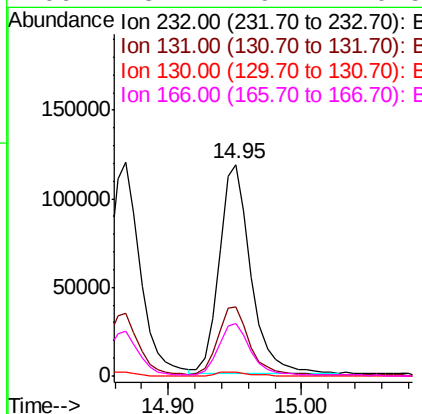
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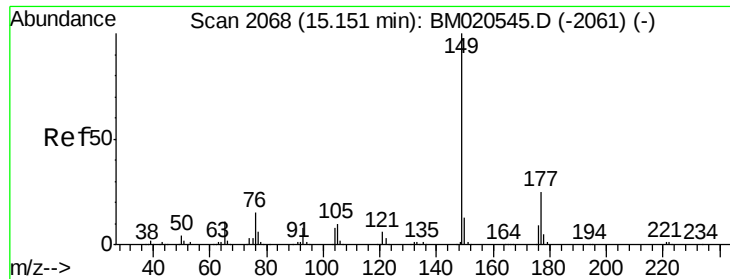
mohammad
 5/27/2019 4:00:15 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.741 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	32.9	25.4	38.0
130	2.0	1.5	2.3
166	25.2	19.7	29.5





#60

Diethylphthalate

Concen: 40.117 ng

RT: 15.14 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Instrument :

BNA_M

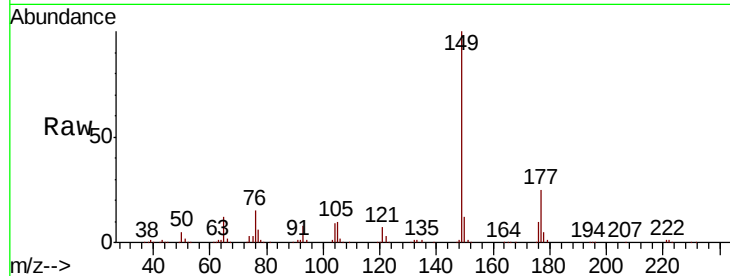
ClientSampleId :

PB120010BSD

Tot Ion:	149	Resp:	534383
Ion Ratio		Lower	Upper
149	100		
177	24.9	19.8	29.8
150	12.5	10.2	15.2

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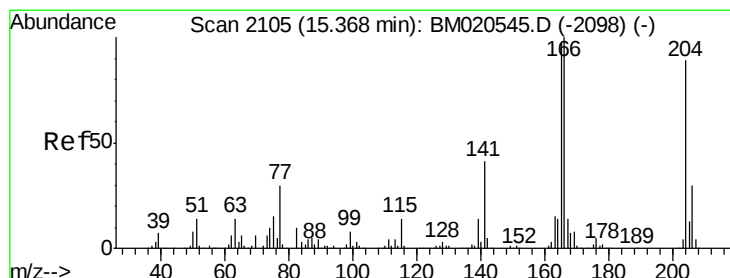
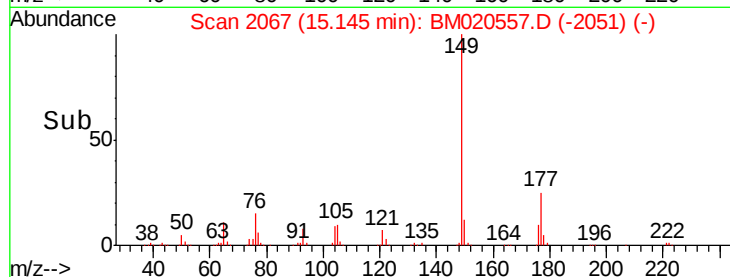
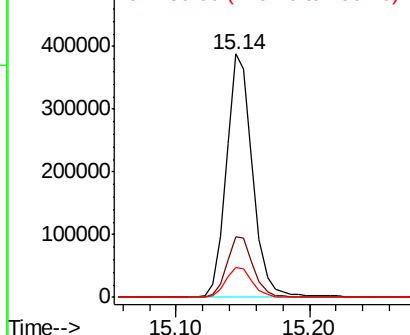


Abundance

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: 40.801 ng

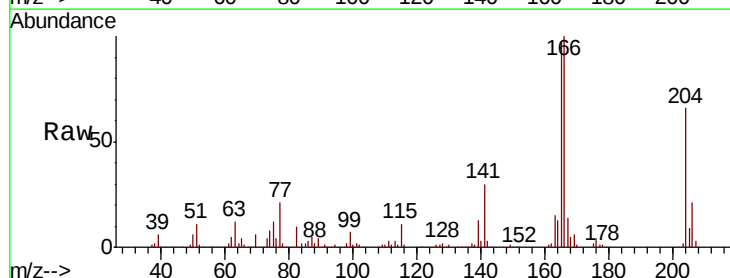
RT: 15.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion:	204	Resp:	341950
Ion Ratio		Lower	Upper
204	100		
206	31.7	26.6	40.0
141	44.5	36.9	55.3

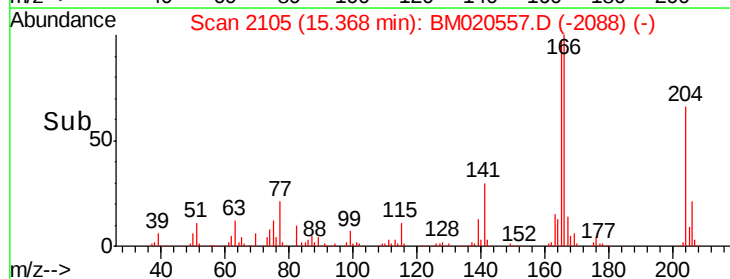
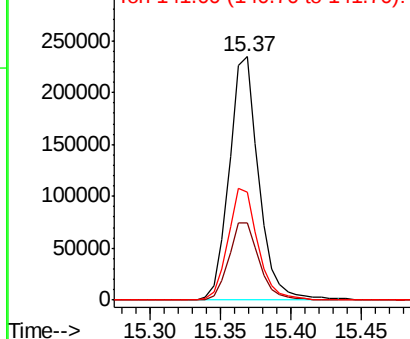


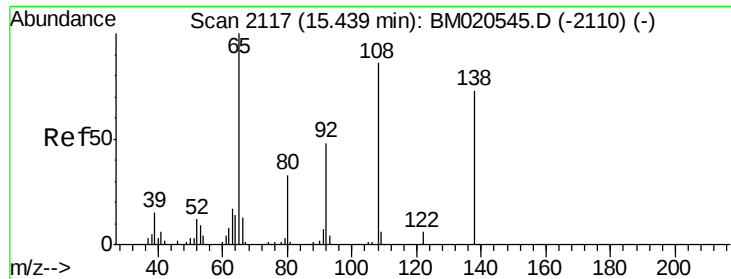
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 32.705 ng

RT: 15.43 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Instrument :

BNA_M

ClientSampleId :

PB120010BSD

Tot Ion:138 Resp: 77466

Ion Ratio Lower Upper

138 100

92 67.3 44.5 84.5

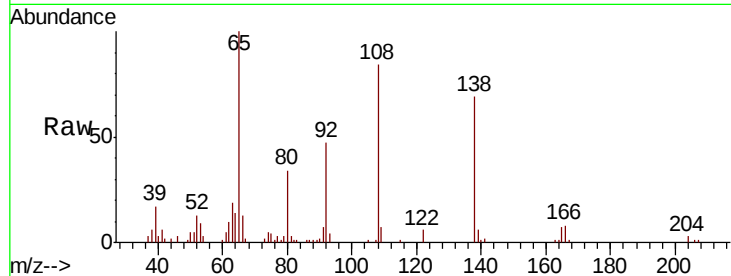
108 122.0 95.9 135.9

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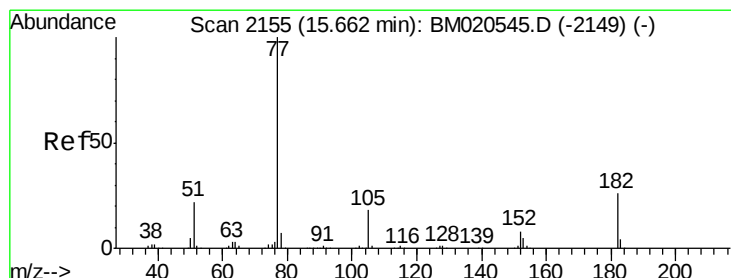
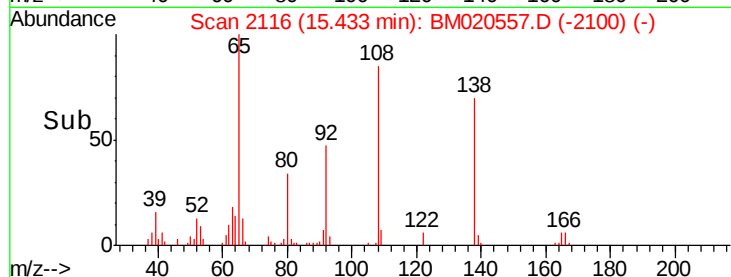
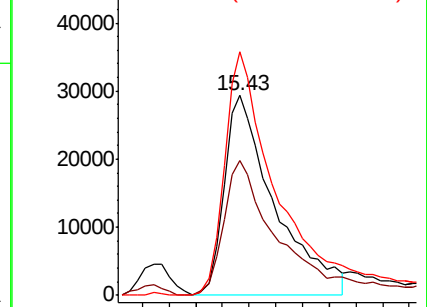
5/27/2019 4:00:15 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 42.504 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion: 77 Resp: 550931

Ion Ratio Lower Upper

77 100

182 27.9 5.7 45.7

105 17.2 0.0 37.6

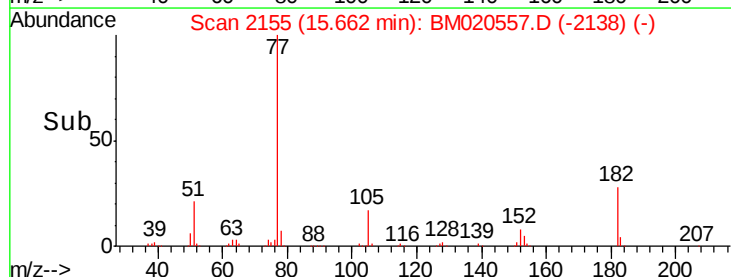
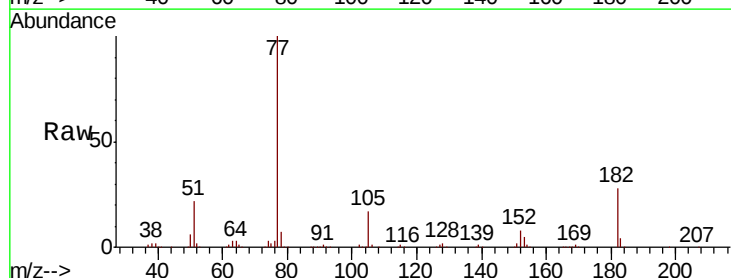
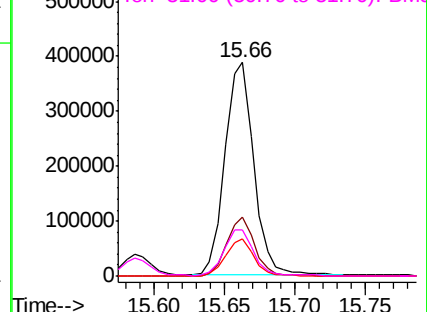
51 21.7 1.7 41.7

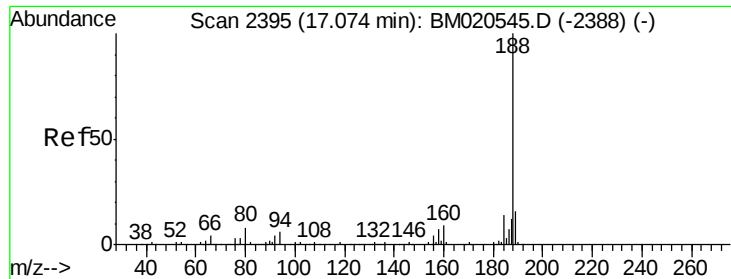
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Instrument :

BNA_M

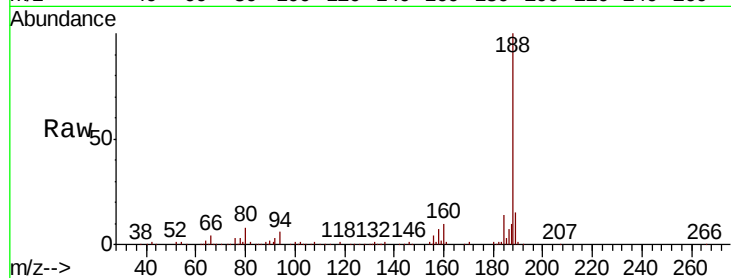
ClientSampleId :

PB120010BSD

Tot Ion:188	Resp:	428881
Ion Ratio	Lower	Upper
188 100		
94 6.1	5.0	7.4
80 7.8	6.5	9.7

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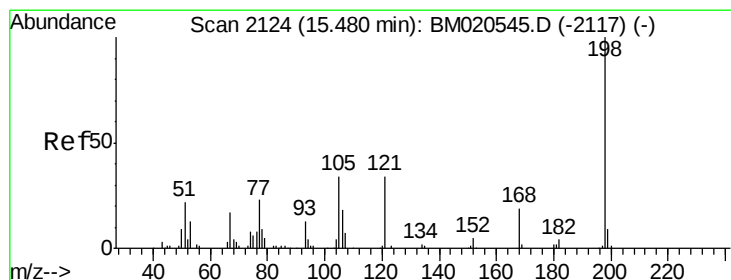
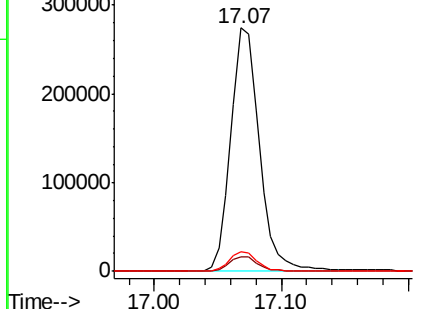
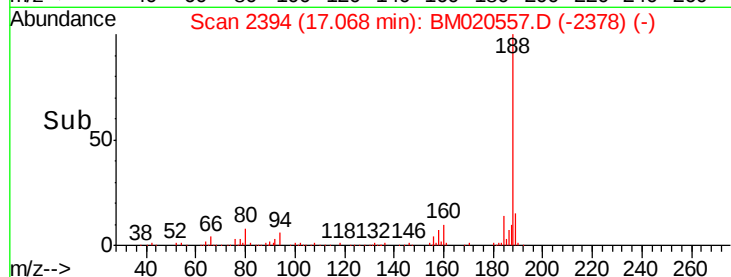
mohammad
5/27/2019 4:00:15 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 40.111 ng

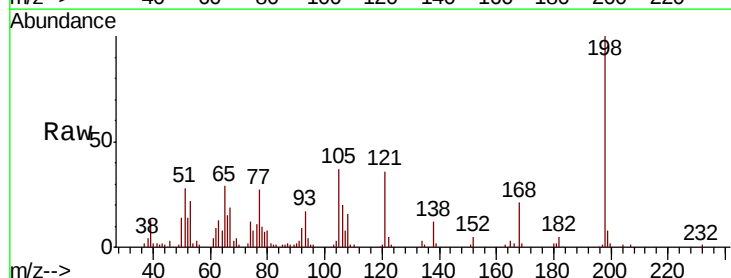
RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

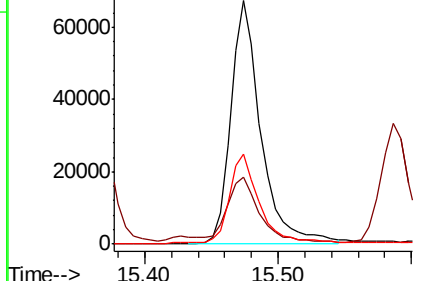
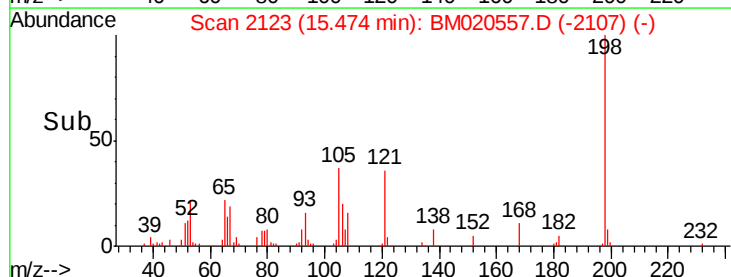
Tgt Ion:198	Resp:	105717
Ion Ratio	Lower	Upper
198 100		
51 27.5	6.4	46.4
105 36.7	15.1	55.1

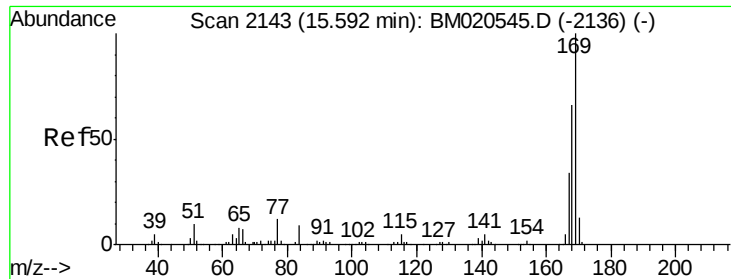


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





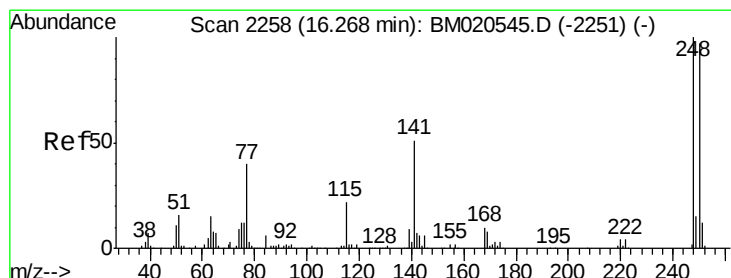
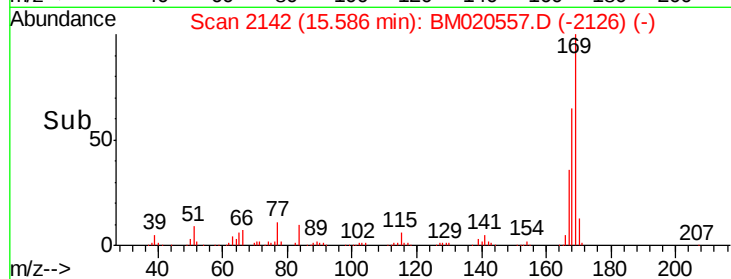
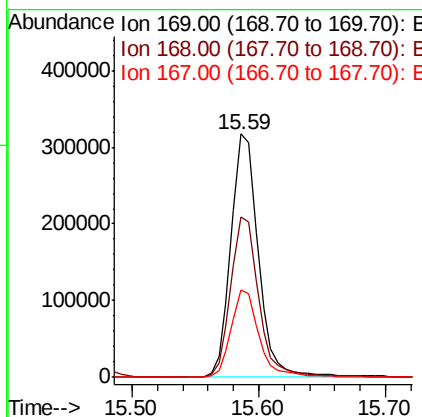
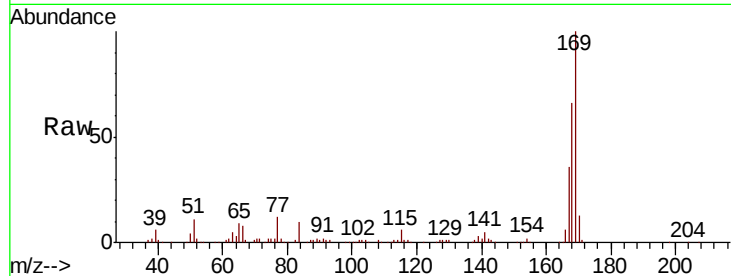
#66
 n-Nitrosodiphenylamine
 Concen: 40.891 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.5	78.7
167	36.1	27.5	41.3

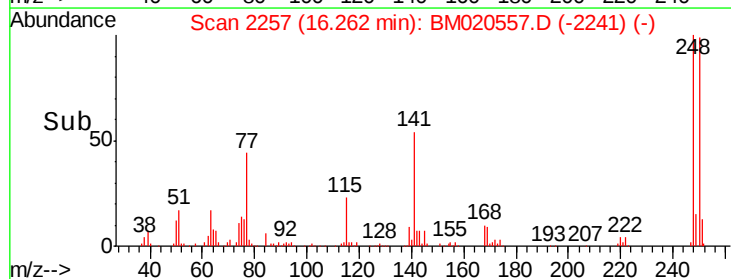
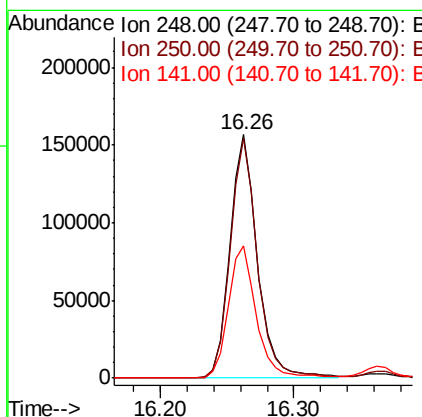
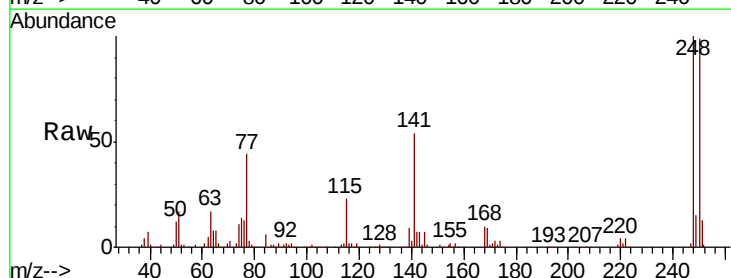
Manual Integrations
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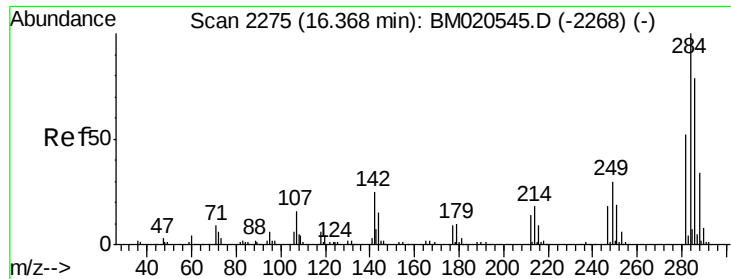
mohammad
 5/27/2019 4:00:15 AM



#67
 4-Bromophenyl-phenylether
 Concen: 39.487 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.8	116.6
141	54.1	41.0	61.6





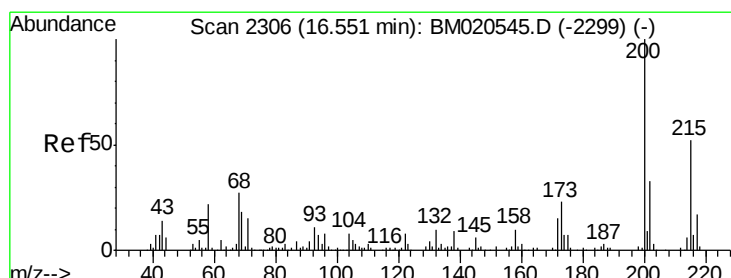
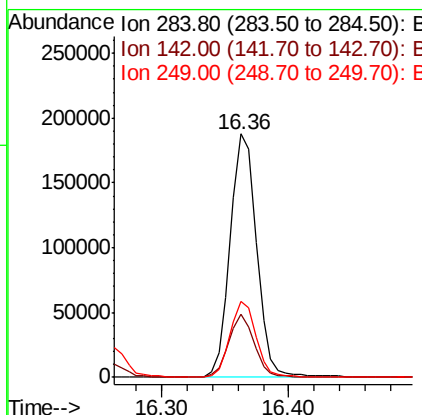
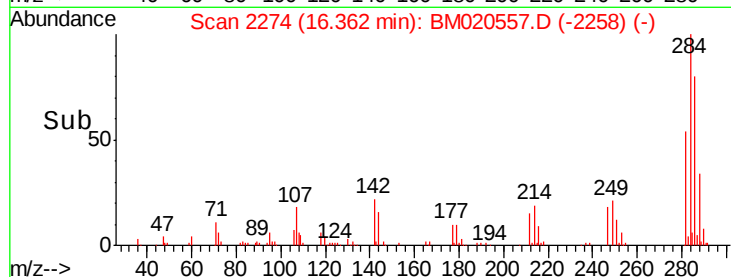
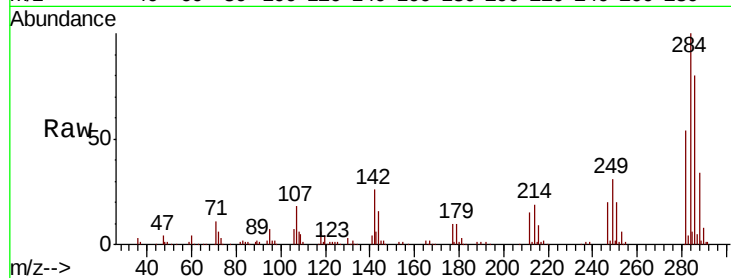
#68
Hexachlorobenzene
Concen: 39.233 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	271777		
142	26.2	20.2	30.2	
249	31.0	23.9	35.9	

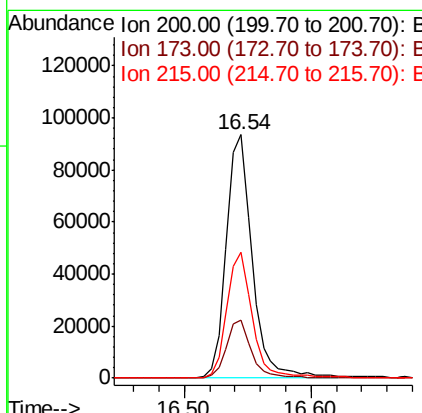
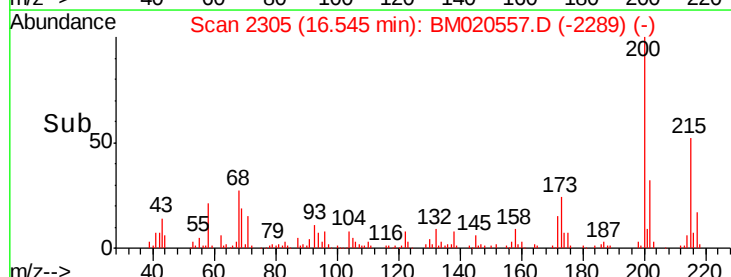
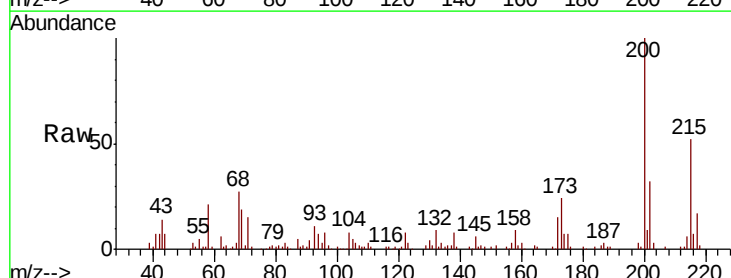
Manual Integrations
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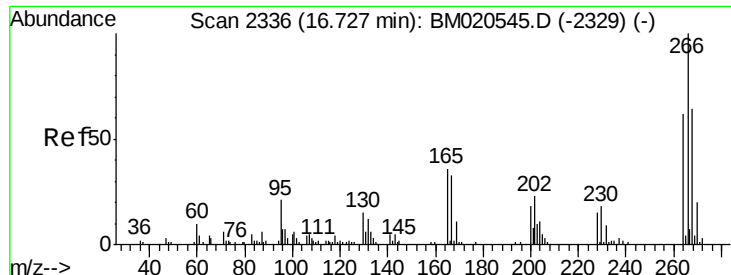
mohammad
5/27/2019 4:00:15 AM



#69
Atrazine
Concen: 27.731 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	132683		
173	23.6	3.2	43.2	
215	51.8	31.7	71.7	





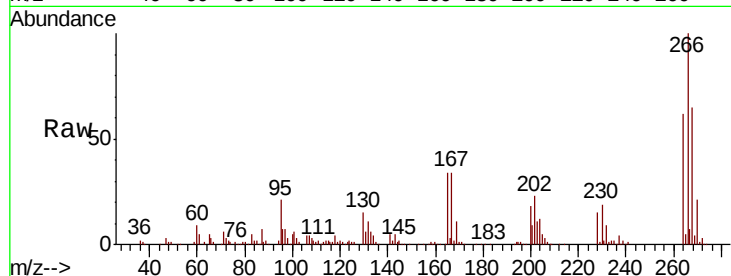
#70
 Pentachlorophenol
 Concen: 92.991 ng
 RT: 16.72 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

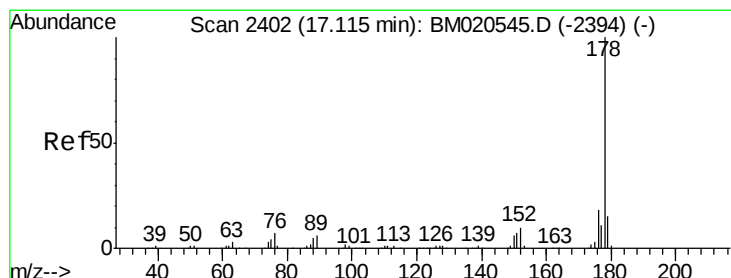
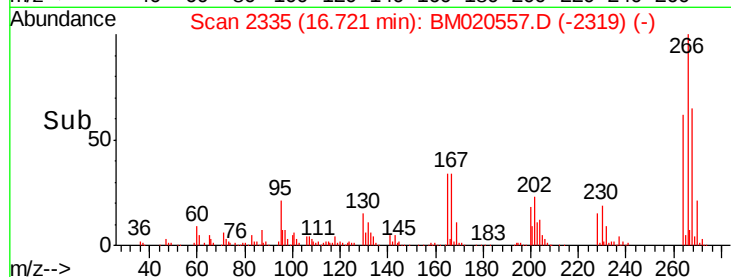
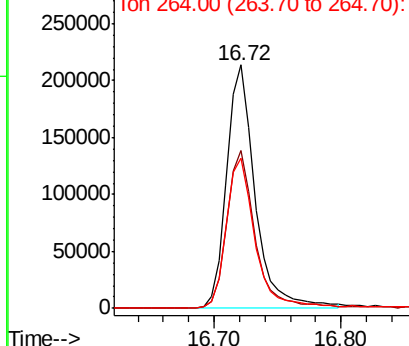
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.0	76.4
264	61.6	49.8	74.8

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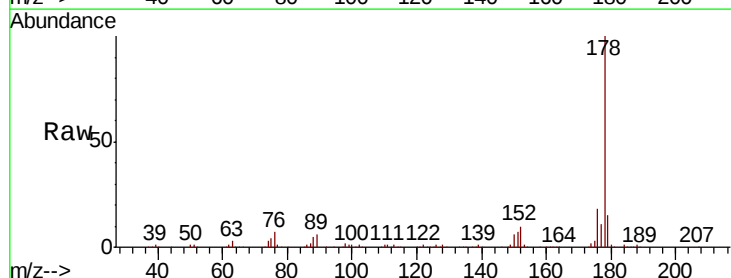


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

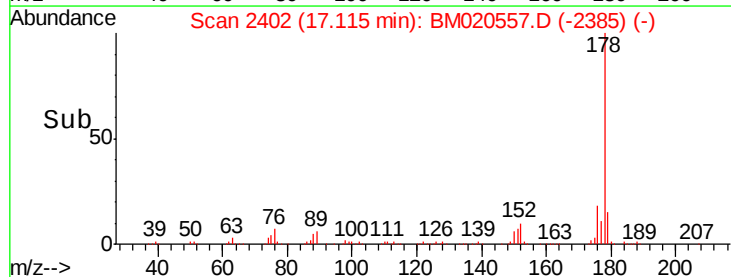
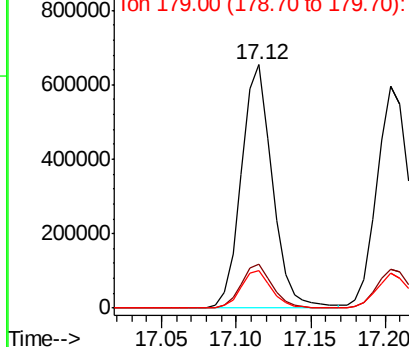


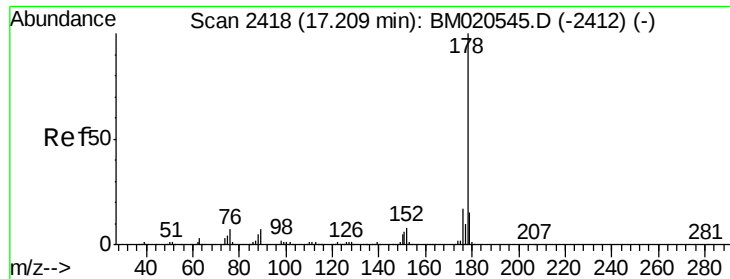
#71
 Phenanthrene
 Concen: 40.562 ng
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.2	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 40.122 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Instrument :

BNA_M

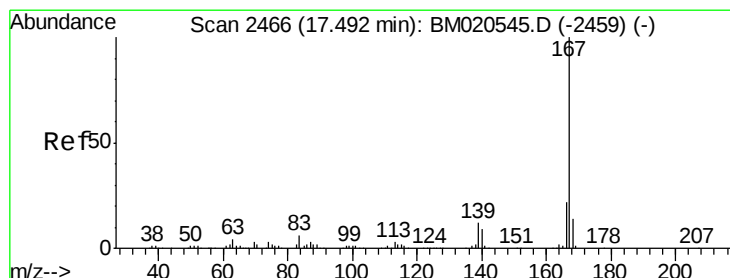
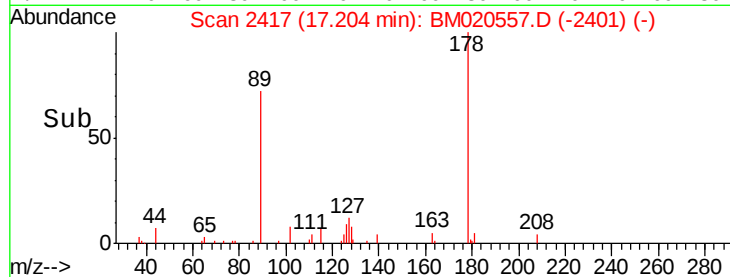
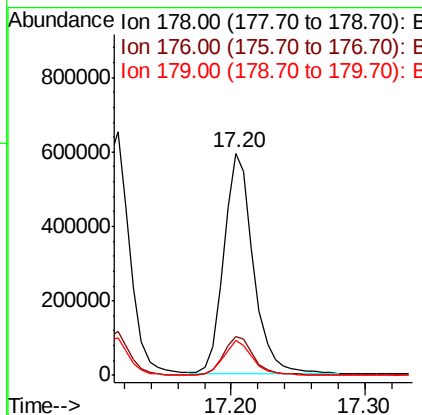
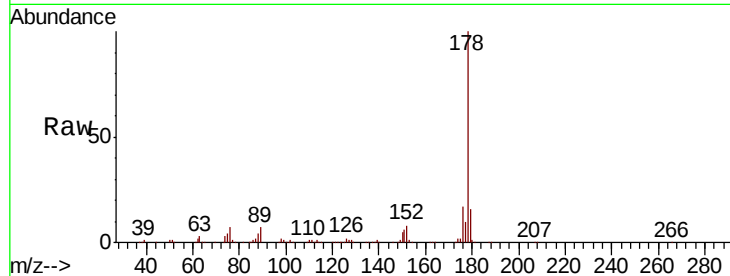
ClientSampleId :

PB120010BSD

Tot Ion:	178	Resp:	906547
Ion Ratio	Lower	Upper	
178	100		
176	17.3	14.0	21.0
179	15.5	12.4	18.6

Manual Integrations
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mohammad
5/27/2019 4:00:15 AM



#73

Carbazole

Concen: 40.574 ng

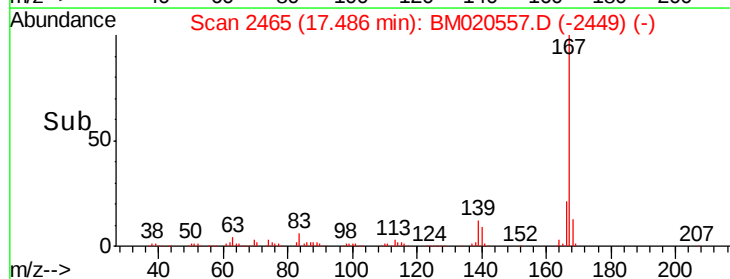
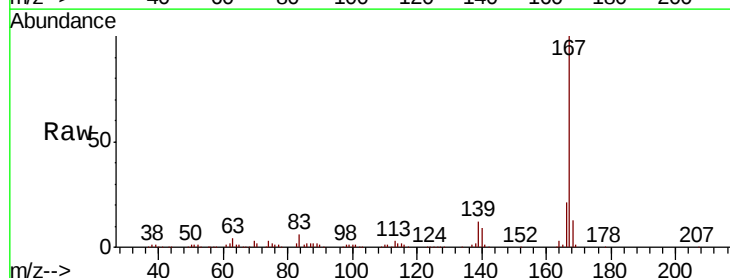
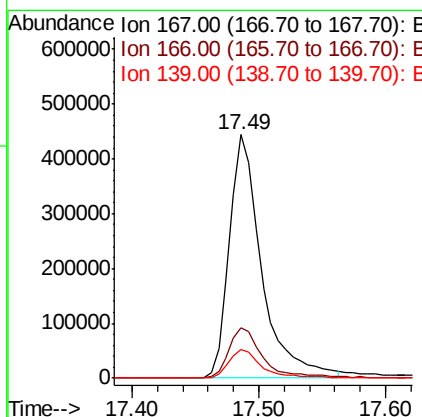
RT: 17.49 min Scan# 2465

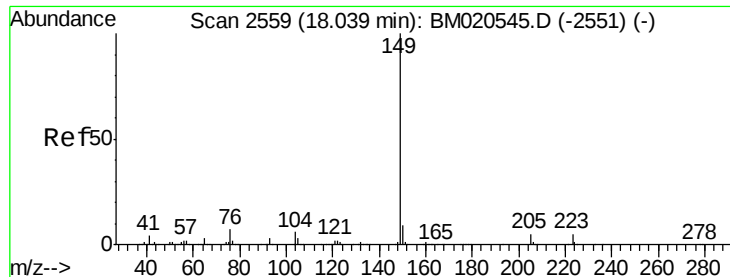
Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion:	167	Resp:	786752
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.4	26.0
139	11.8	9.3	13.9





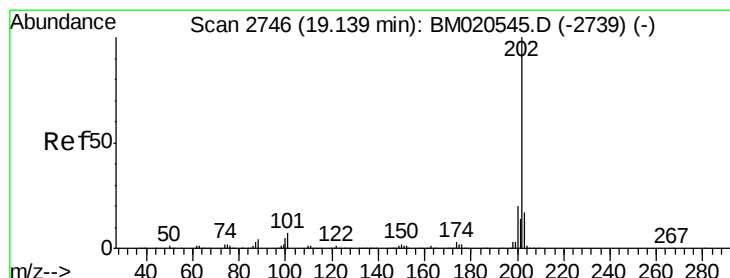
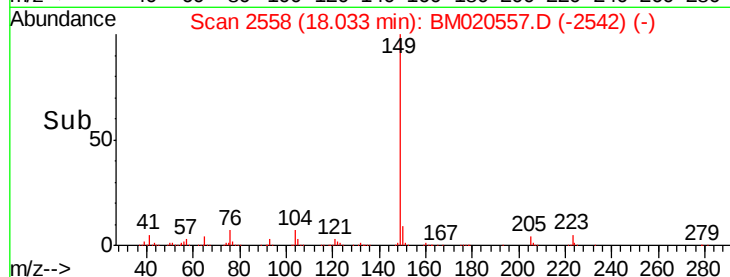
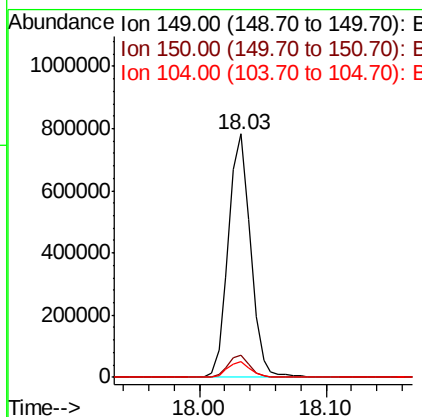
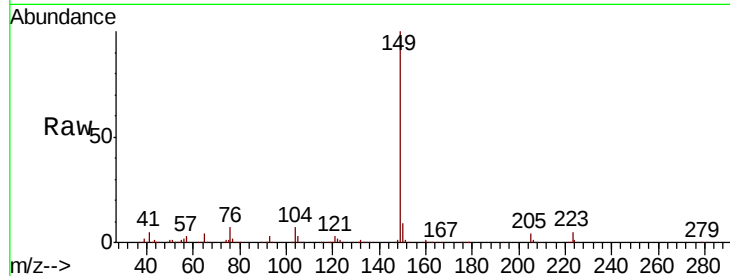
#74
Di-n-butylphthalate
Concen: 39.827 ng
RT: 18.03 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	950000		
150	9.3		7.3	10.9
104	6.5		5.0	7.4

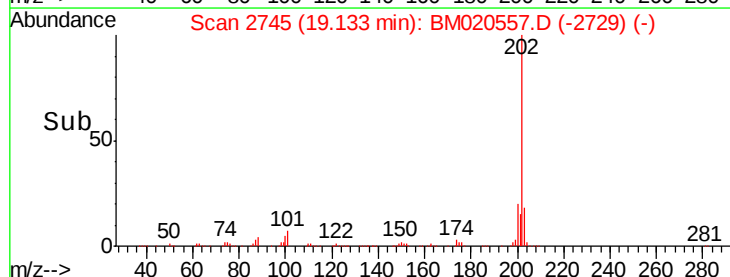
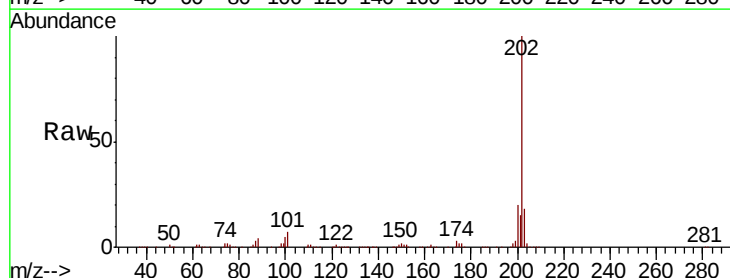
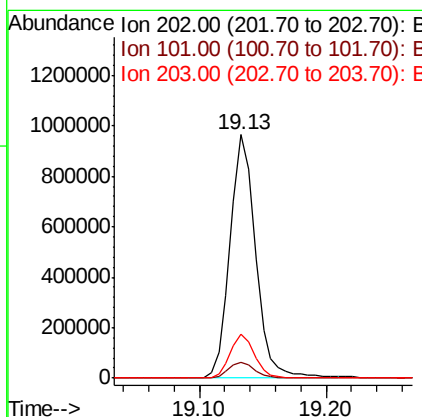
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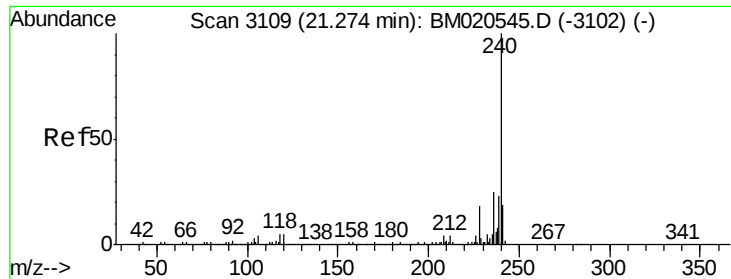
mohammad
5/27/2019 4:00:15 AM



#75
Fluoranthene
Concen: 41.655 ng
RT: 19.13 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1349612		
101	6.7		0.0	26.7
203	18.0		0.0	37.4





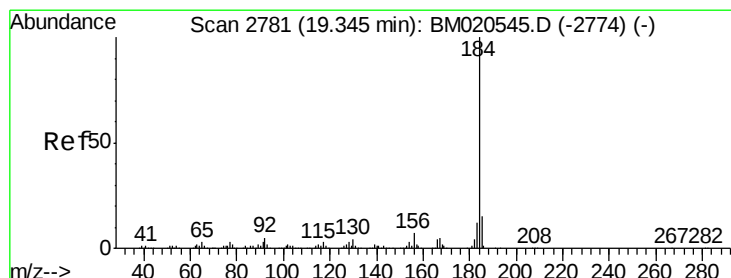
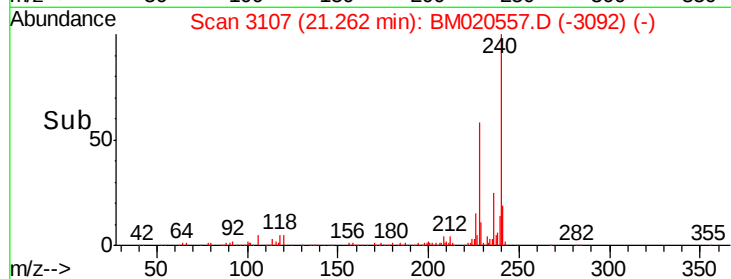
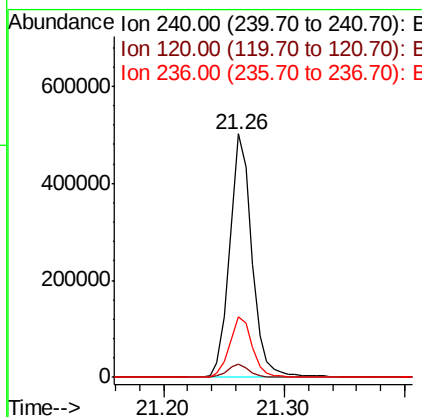
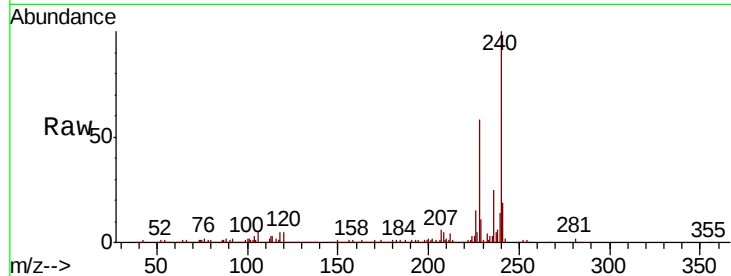
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.1	6.1
236	25.1	20.2	30.4

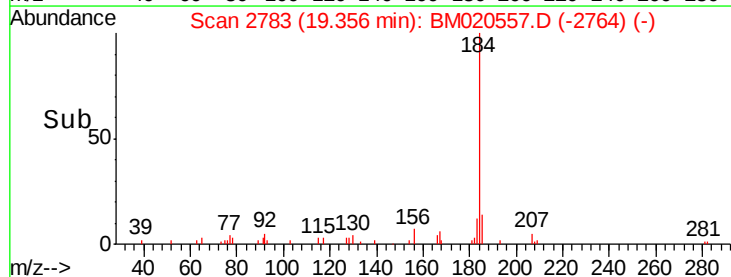
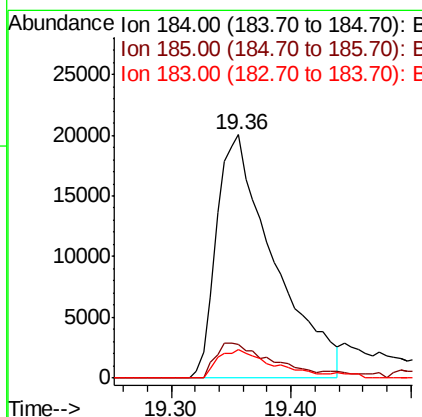
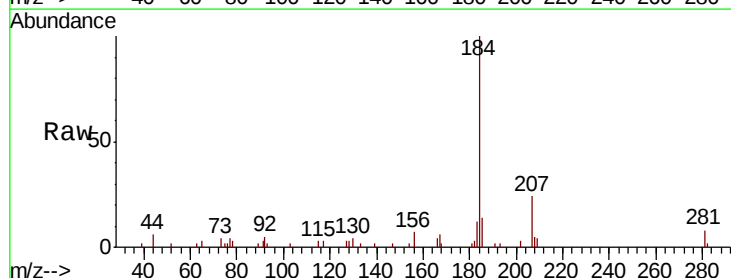
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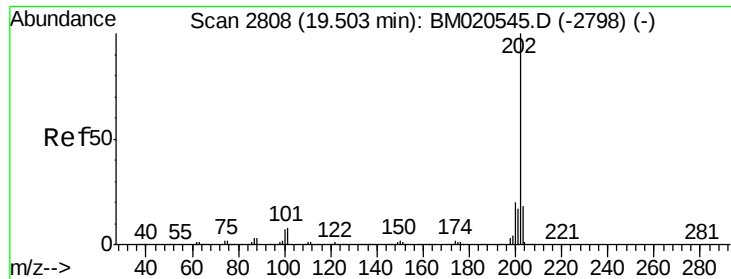
mohammad
 5/27/2019 4:00:15 AM



#77
 Benzidine
 Concen: 5.609 ng m
 RT: 19.36 min Scan# 2783
 Delta R.T. 0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.8	17.8
183	11.8	9.7	14.5





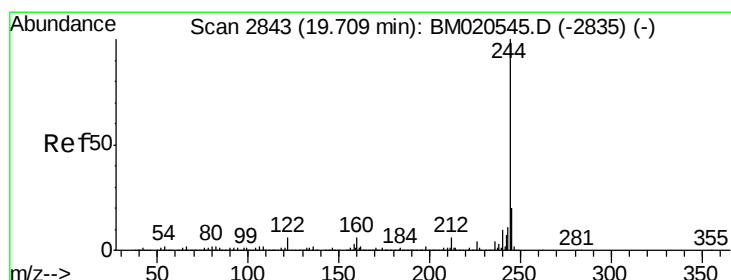
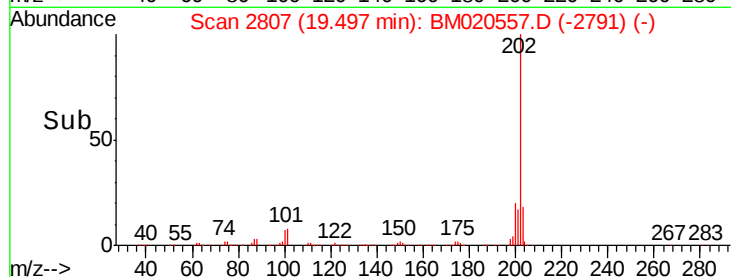
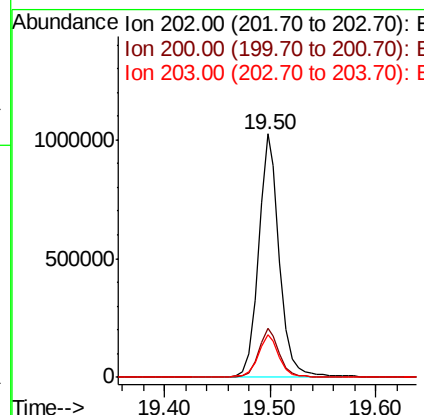
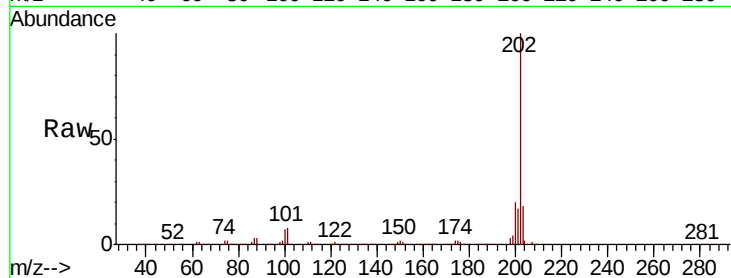
#78
Pvrene
Concen: 34.609 ng
RT: 19.50 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.0	24.0
203	17.6	14.1	21.1

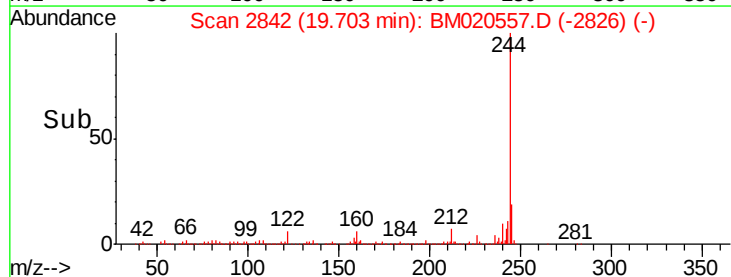
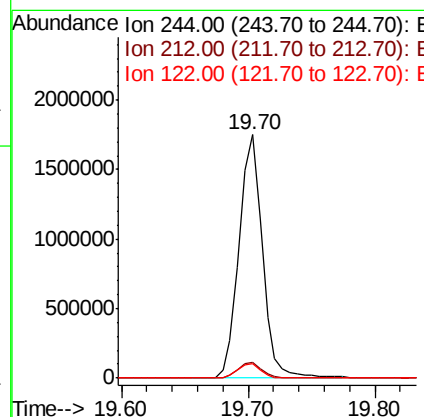
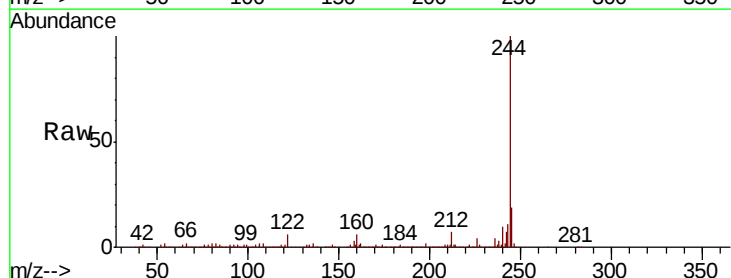
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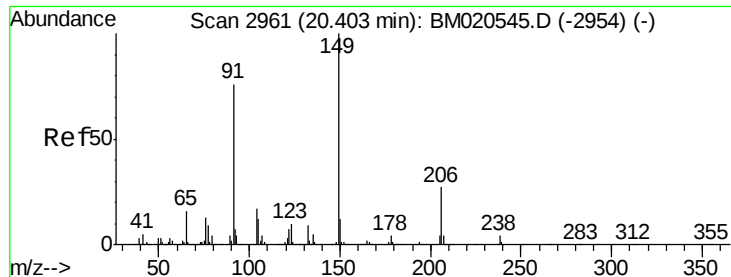
mohammad
5/27/2019 4:00:15 AM



#79
Terphenyl-d14
Concen: 62.224 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.6
122	5.8	4.6	7.0





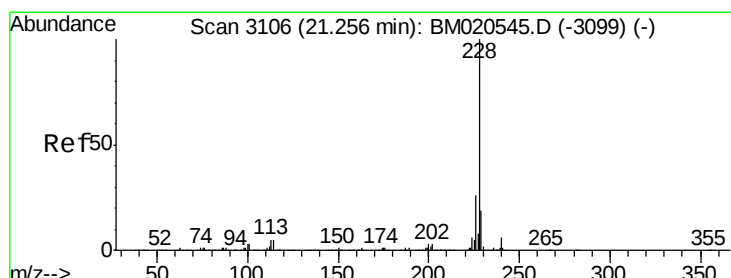
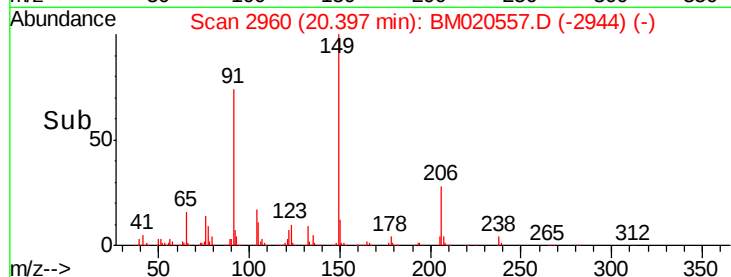
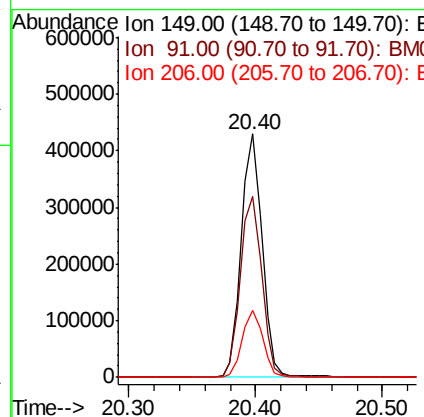
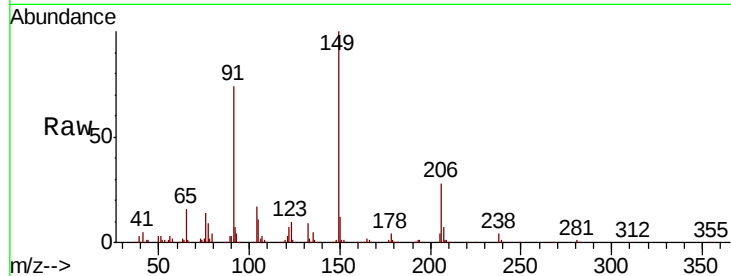
#80
Butylbenzylphthalate
Concen: 34.231 ng
RT: 20.40 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	488977		
91	74.5	60.9	91.3	
206	27.6	21.6	32.4	

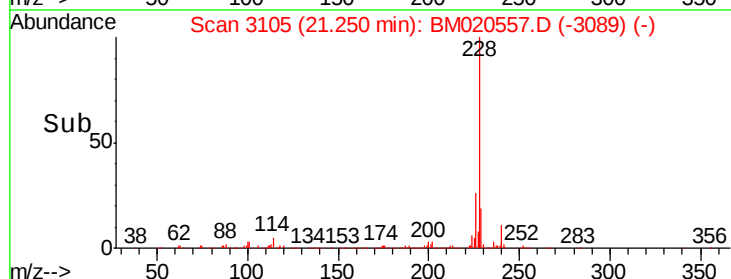
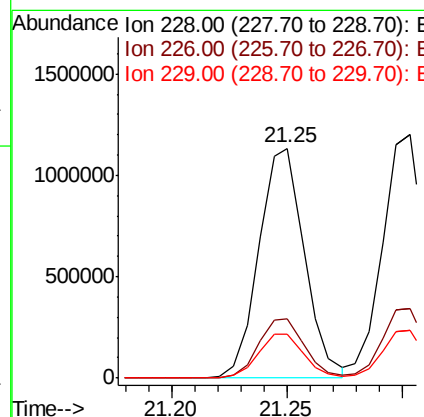
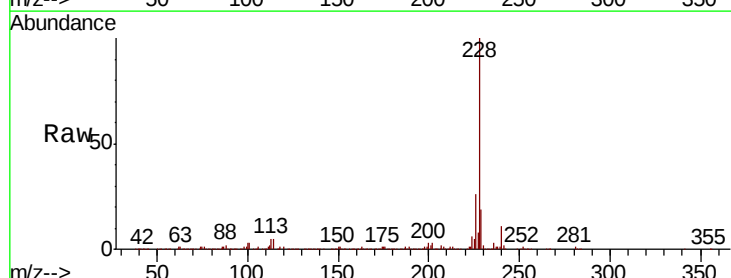
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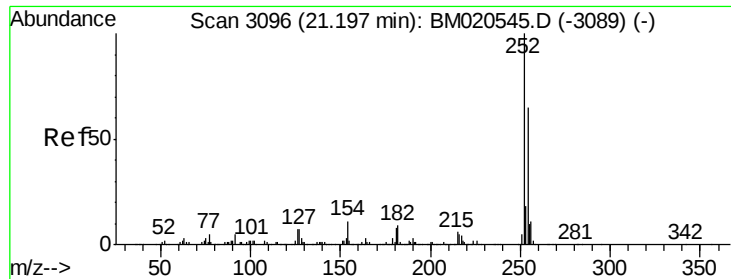
mohammad
5/27/2019 4:00:15 AM



#81
Benzo(a)anthracene
Concen: 34.685 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1554579		
226	25.9	20.7	31.1	
229	19.4	15.5	23.3	





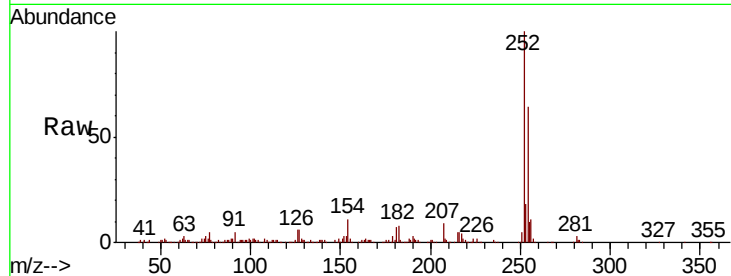
#82
 3,3'-Dichlorobenzidine
 Concen: 26.849 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.6
126	5.9	5.2	7.8

Manual Integrations
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 5/27/2019 4:00:15 AM

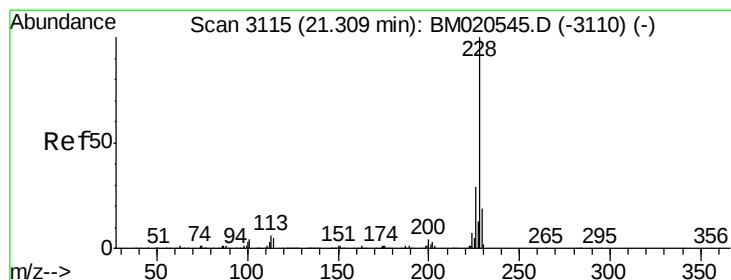
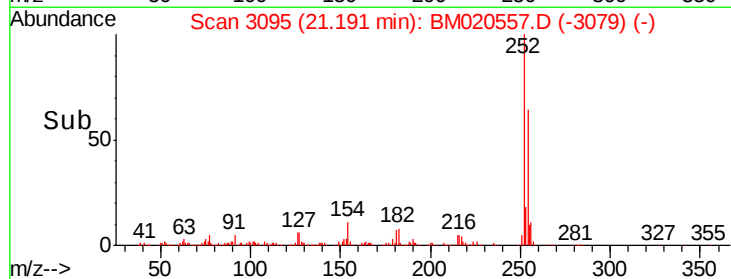
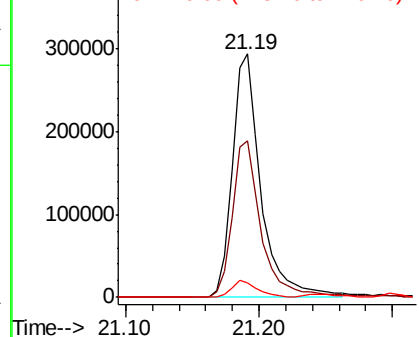


Abundance

Ion 252.00 (251.70 to 252.70): E

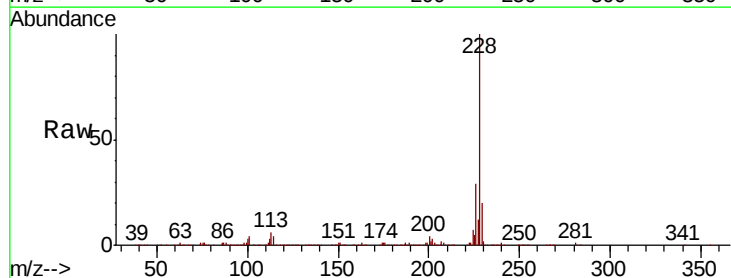
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 36.581 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	19.7	15.4	23.2

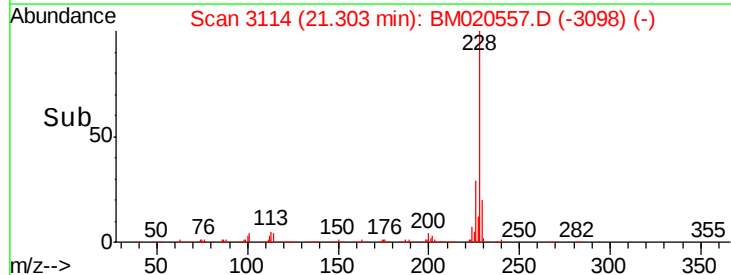
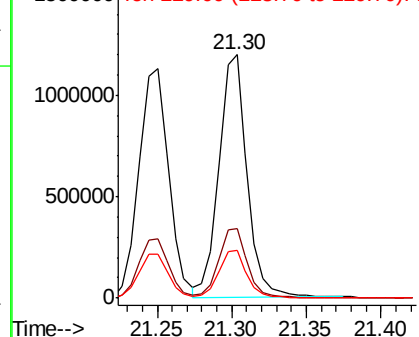


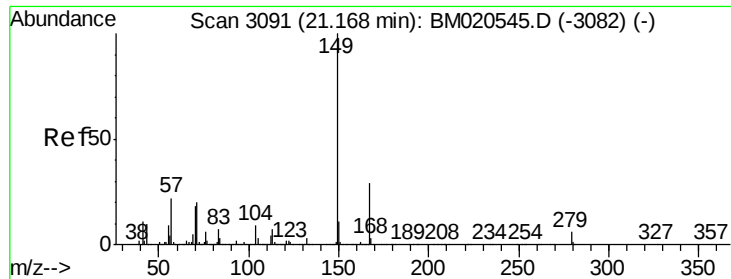
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 35.708 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Instrument :

BNA_M

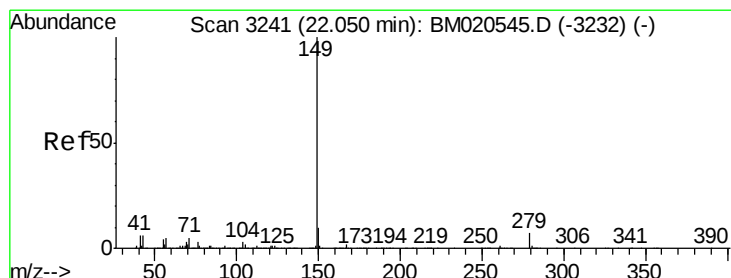
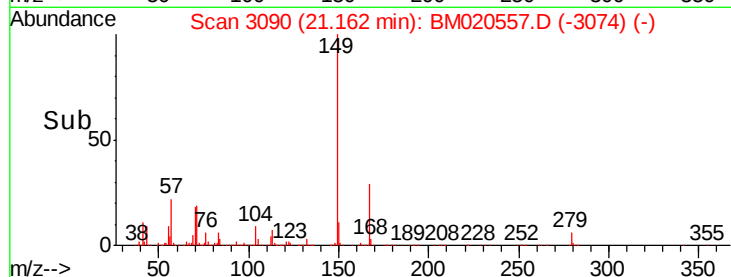
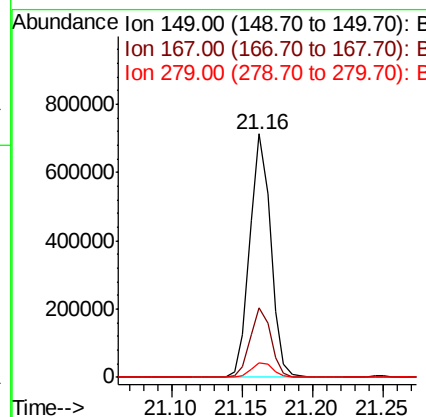
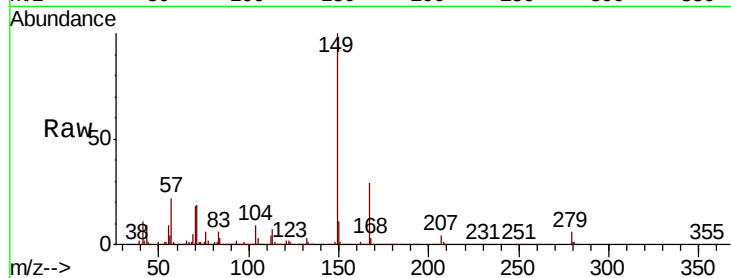
ClientSampleId :

PB120010BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	6.2	4.9	7.3

Manual Integrations
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mohammad
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#85

Di-n-octyl phthalate

Concen: 37.270 ng

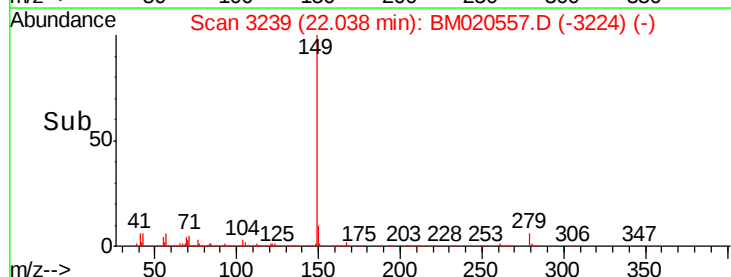
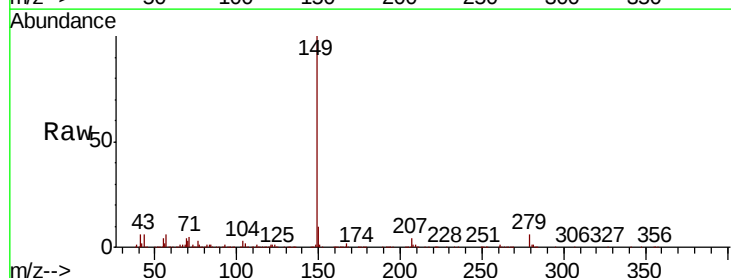
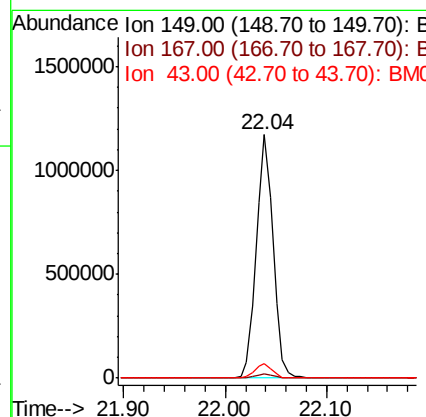
RT: 22.04 min Scan# 3239

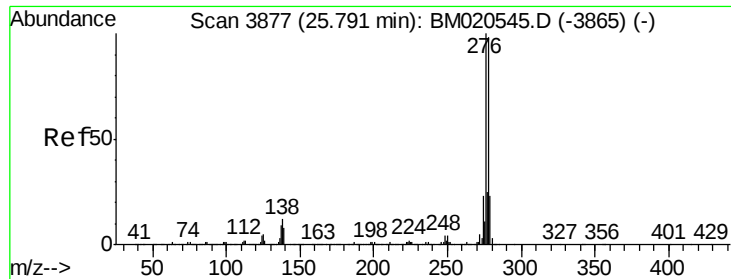
Delta R.T. -0.01 min

Lab File: BM020557.D

Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.1	4.8	7.2





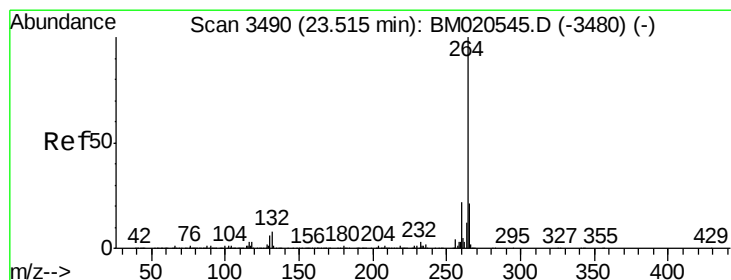
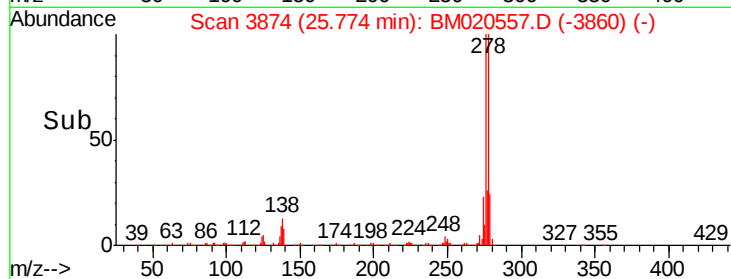
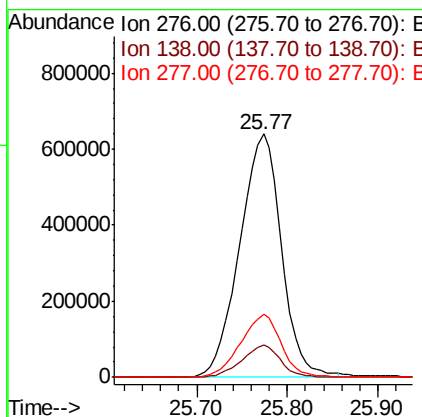
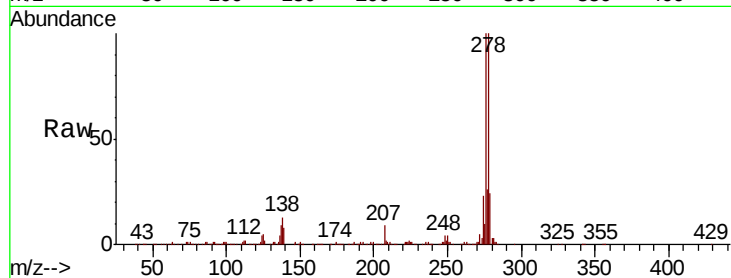
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.964 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.4	9.7	14.5
277	25.2	20.4	30.6

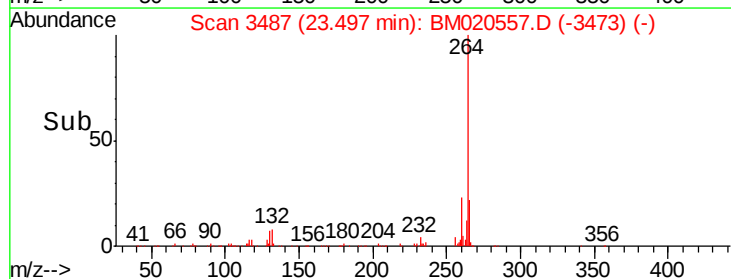
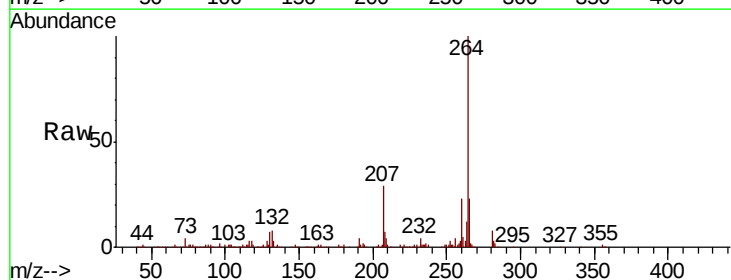
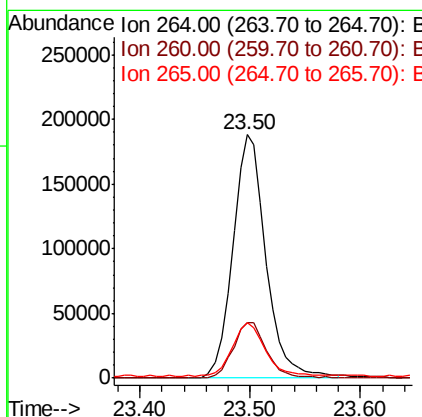
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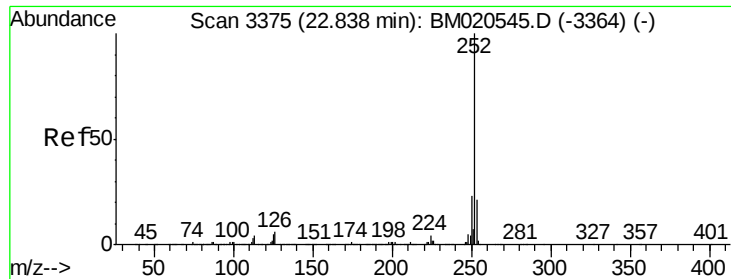
mohammad
5/27/2019 4:00:15 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.02 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.7	26.5
265	22.7	17.4	26.2





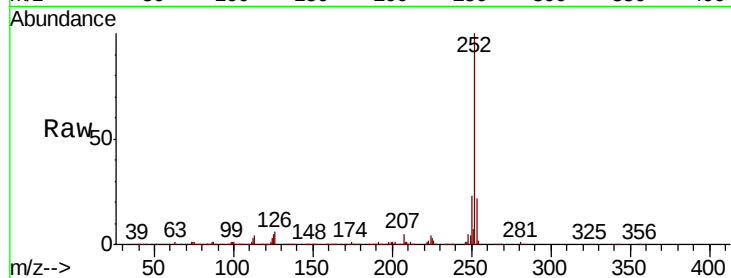
#88
Benzo(b)fluoranthene
Concen: 71.954 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampled :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	4.9	3.8	5.8

Manual Integrations
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mohammad
5/27/2019 4:00:15 AM

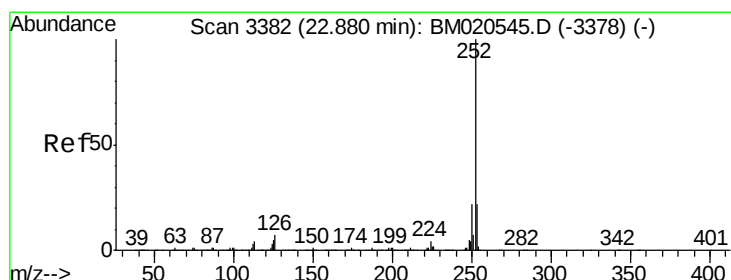
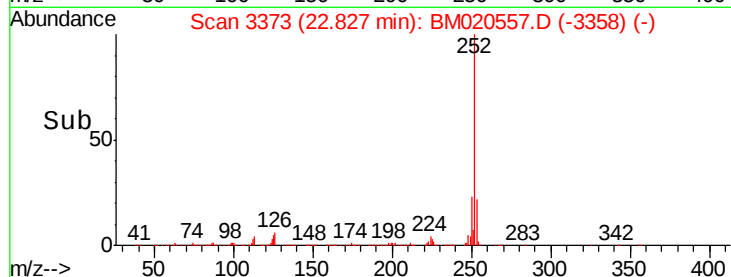
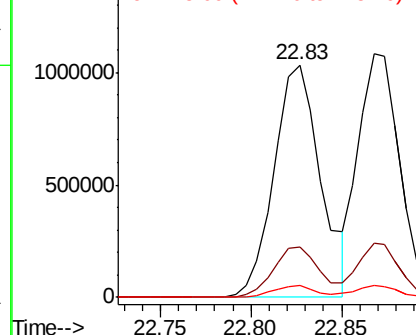


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 69.175 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

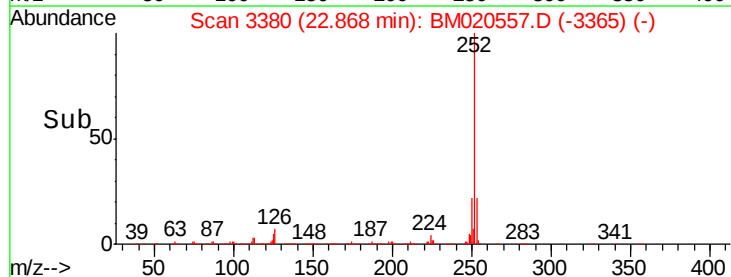
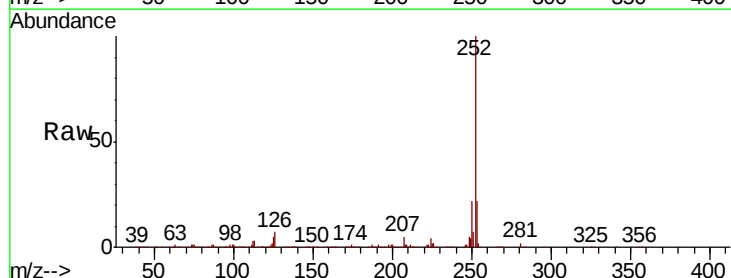
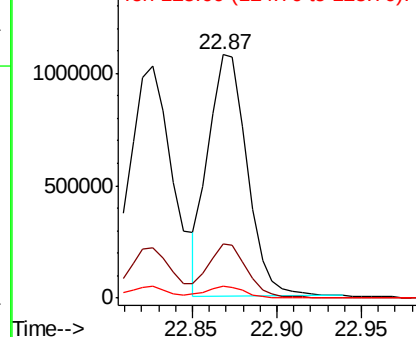
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	4.9	4.2	6.4

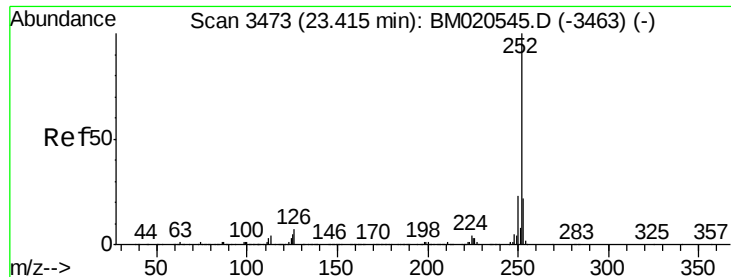
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





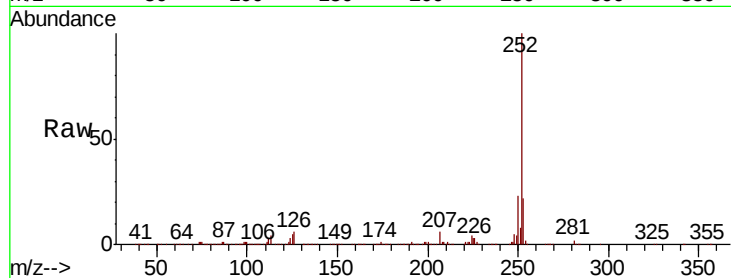
#90
Benzo(a)pyrene
Concen: 71.045 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

Instrument :
BNA_M
ClientSampleId :
PB120010BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	5.4	4.2	6.4

Manual Integrations
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mohammad
5/27/2019 4:00:15 AM

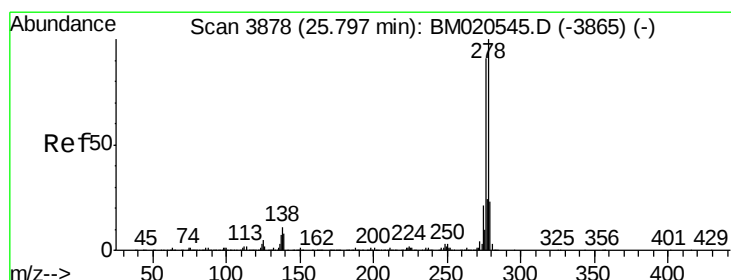
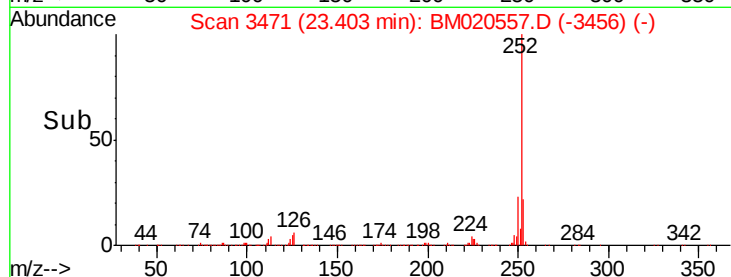
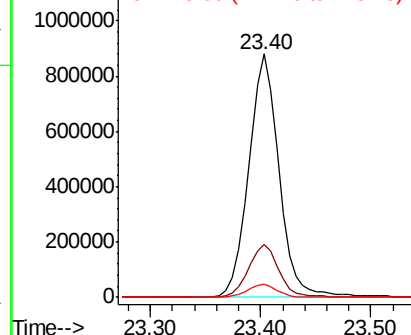


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 73.877 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM020557.D
Acq: 25 May 2019 00:56

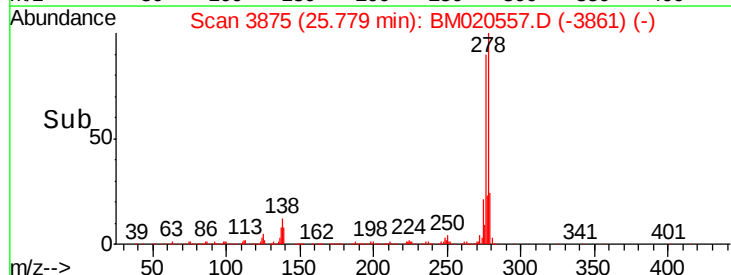
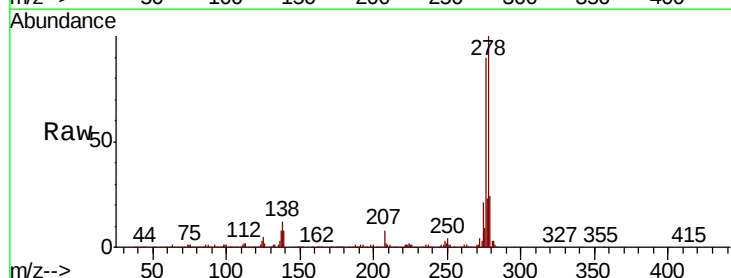
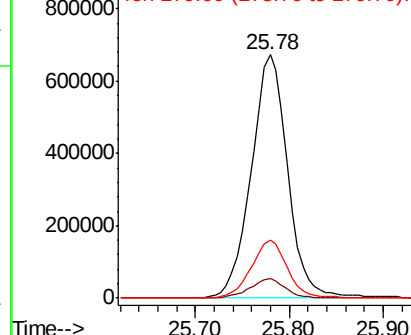
Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.3	9.5
279	23.8	18.3	27.5

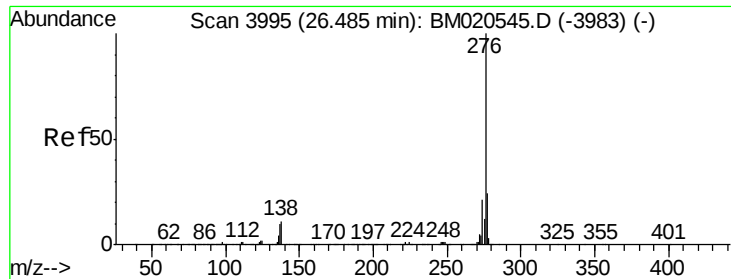
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 74.503 ng
 RT: 26.47 min Scan# 3993
 Delta R.T. -0.01 min
 Lab File: BM020557.D
 Acq: 25 May 2019 00:56

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	9.9	8.6	12.8

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:00:15 AM

