

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020555.D
 Acq On : 24 May 2019 23:44
 Operator : JU/SJ
 Sample : PB119999BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:00:08 AM

Quant Time: May 25 05:46:23 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	45667	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	183897	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	146179	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	427645	20.00	ng	0.00
76) Chrysene-d12	21.27	240	581497	20.00	ng	0.00
87) Perylene-d12	23.50	264	657758	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	324947	139.59	ng	0.00
7) Phenol-d6	6.84	99	489085	139.20	ng	0.00
23) Nitrobenzene-d5	8.83	82	330030	75.33	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	393928	134.51	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	885336	76.00	ng	0.00
79) Terphenyl-d14	19.70	244	2428930	75.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	39916	32.769	ng	96
3) Pyridine	3.57	79	101147	28.543	ng	99
4) n-Nitrosodimethylamine	3.50	42	27485	31.817	ng	# 90
6) Aniline	7.00	93	127695	25.125	ng	99
8) 2-Chlorophenol	7.23	128	118146	41.507	ng	97
9) Benzaldehyde	6.82	77	70290	31.337	ng	98
10) Phenol	6.87	94	161040	42.446	ng	95
11) bis(2-Chloroethyl)ether	7.10	93	93880	33.158	ng	99
12) 1,3-Dichlorobenzene	7.55	146	120990	33.191	ng	99
13) 1,4-Dichlorobenzene	7.69	146	119640	32.835	ng	99
14) 1,2-Dichlorobenzene	8.00	146	124063	33.963	ng	95
15) Benzyl Alcohol	7.92	79	114835	35.321	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	65346	33.115	ng	89
17) 2-Methylphenol	8.11	107	99704	39.806	ng	95
18) Hexachloroethane	8.72	117	50027	33.894	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	111002	35.580	ng	97
20) 3+4-Methylphenols	8.45	107	129699	38.612	ng	98
22) Acetophenone	8.49	105	184243	36.383	ng	97
24) Nitrobenzene	8.87	77	163686	37.829	ng	97
25) Isophorone	9.39	82	313088	38.404	ng	100
26) 2-Nitrophenol	9.58	139	55996	35.073	ng	95
27) 2,4-Dimethylphenol	9.63	122	106270	44.682	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	151564	35.714	ng	99
29) 2,4-Dichlorophenol	10.11	162	130339	41.204	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	155569	35.969	ng	99
31) Naphthalene	10.50	128	352342	37.107	ng	100
32) Benzoic acid	9.80	122	44375	32.169	ng	91
33) 4-Chloroaniline	10.65	127	60147	15.871	ng	97
34) Hexachlorobutadiene	10.76	225	115587	35.945	ng	99
35) Caprolactam	11.45	113	42837m	41.147	ng	
36) 4-Chloro-3-methylphenol	11.76	107	148398	43.110	ng	96
37) 2-Methylnaphthalene	12.12	142	287788	39.673	ng	99
38) 1-Methylnaphthalene	12.34	142	278677	39.650	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	229604	37.365	ng	99

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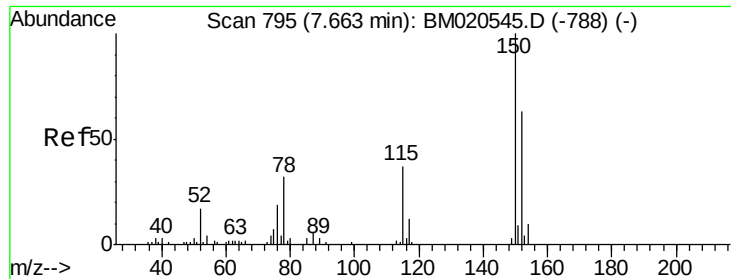
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	236179	78.565	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	144509	38.001	ng	97
44) 2,4,5-Trichlorophenol	12.82	196	142718	40.189	ng	97
46) 1,1'-Biphenyl	13.14	154	418973	37.215	ng	99
47) 2-Chloronaphthalene	13.19	162	343704	36.014	ng	97
48) 2-Nitroaniline	13.42	65	99533	34.947	ng	94
49) Acenaphthylene	14.04	152	559054	38.519	ng	99
50) Dimethylphthalate	13.79	163	501613	38.741	ng	100
51) 2,6-Dinitrotoluene	13.92	165	108132	40.069	ng	91
52) Acenaphthene	14.38	154	332611	38.029	ng	98
53) 3-Nitroaniline	14.26	138	46892	22.810	ng	# 95
54) 2,4-Dinitrophenol	14.47	184	86198	53.272	ng	97
55) Dibenzofuran	14.72	168	601782	39.761	ng	99
56) 4-Nitrophenol	14.57	139	128981	73.035	ng	99
57) 2,4-Dinitrotoluene	14.72	165	160999	41.314	ng	95
58) Fluorene	15.37	166	501311	39.874	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	177294	42.906	ng	97
60) Diethylphthalate	15.15	149	504986	39.585	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	314317	39.161	ng	100
62) 4-Nitroaniline	15.43	138	71222	31.397	ng	95
63) Azobenzene	15.66	77	517321	41.674	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	82897	32.896	ng	94
66) n-Nitrosodiphenylamine	15.59	169	454094	39.161	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	213193	37.422	ng	98
68) Hexachlorobenzene	16.36	284	259566	37.579	ng	97
69) Atrazine	16.54	200	197219	41.339	ng	99
70) Pentachlorophenol	16.72	266	311512	87.311	ng	98
71) Phenanthrene	17.12	178	905774	38.988	ng	100
72) Anthracene	17.20	178	893456	39.657	ng	99
73) Carbazole	17.49	167	768936	39.769	ng	99
74) Di-n-butylphthalate	18.03	149	924907	38.887	ng	99
75) Fluoranthene	19.13	202	1317641	40.786	ng	100
77) Benzidine	19.34	184	302695	28.325	ng	99
78) Pyrene	19.50	202	1373891	37.634	ng	100
80) Butylbenzylphthalate	20.40	149	469796	36.625	ng	98
81) Benzo(a)anthracene	21.25	228	1488719	36.991	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	318818	21.704	ng	99
83) Chrysene	21.30	228	1528231	39.297	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	705536	37.739	ng	100
85) Di-n-octyl phthalate	22.04	149	1271434	39.120	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1921786	40.871	ng	100
88) Benzo(b)fluoranthene	22.83	252	1707109	39.653	ng	99
89) Benzo(k)fluoranthene	22.87	252	1653291	39.569	ng	99
90) Benzo(a)pyrene	23.41	252	1612034	40.691	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	1648800	40.658	ng	99
92) Benzo(g,h,i)perylene	26.47	276	1553640	41.329	ng	99

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



#1

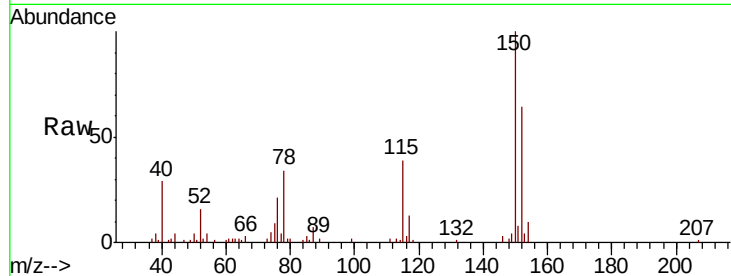
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	190.0
115	60.5	46.6	70.0

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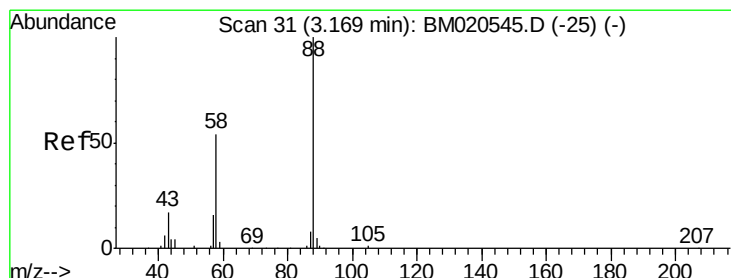
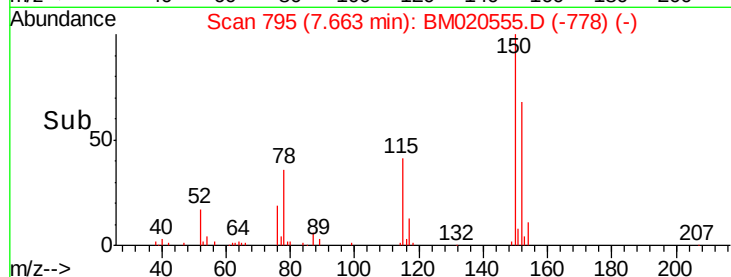
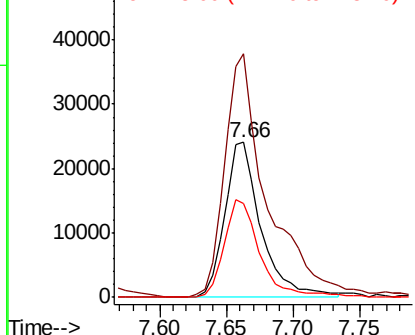


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

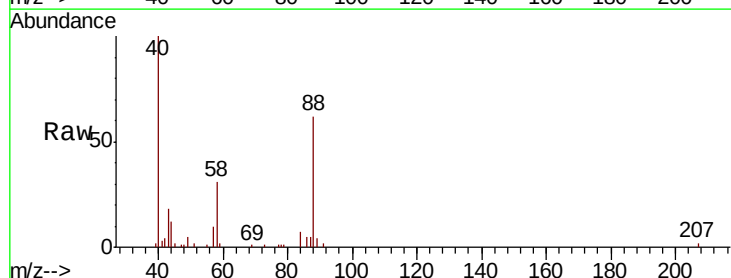
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.769 ng
RT: 3.16 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	48.8	42.3	63.5
43	20.3	16.0	24.0

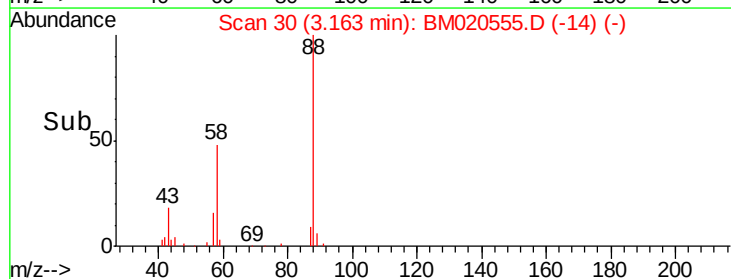
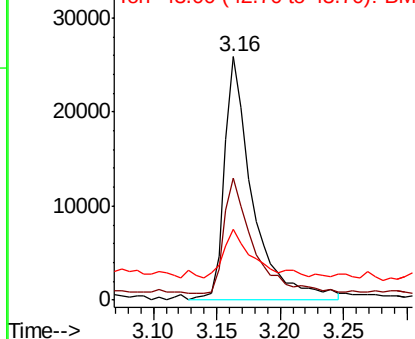


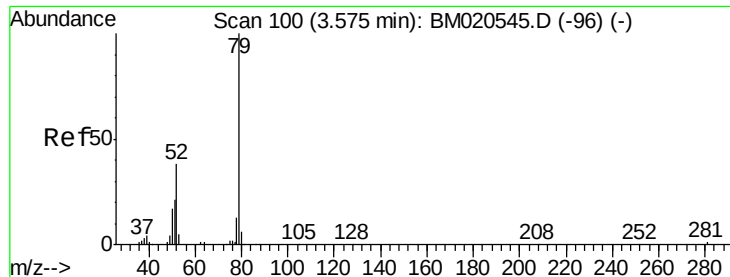
Abundance

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: 28.543 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

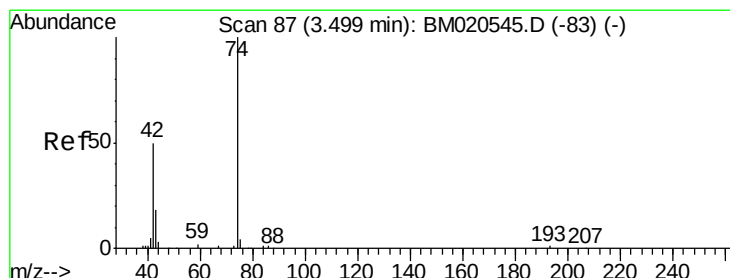
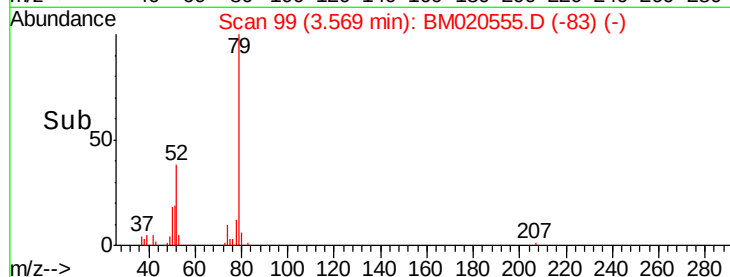
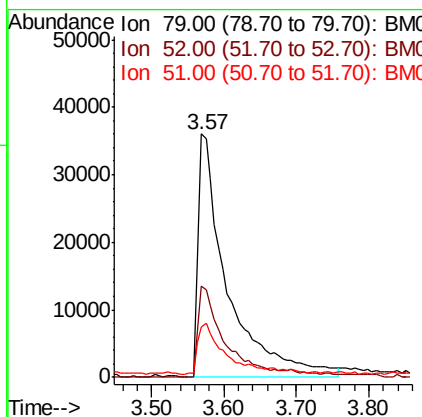
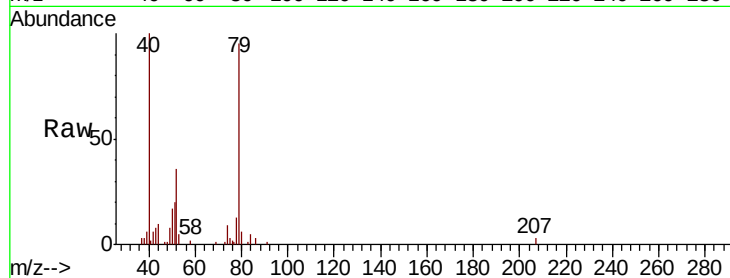
ClientSampleId :

PB119999BS

Tot Ion:	79	Resp:	101147
Ion Ratio	Lower	Upper	
79	100		
52	37.6	30.1	45.1
51	20.9	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 31.817 ng

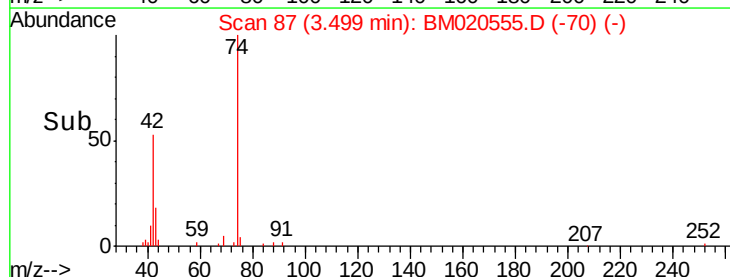
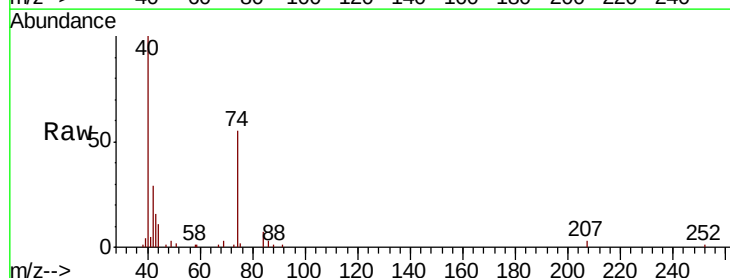
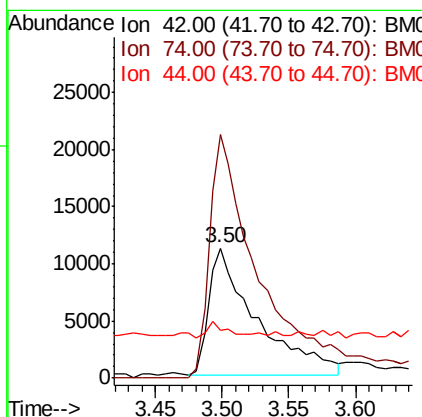
RT: 3.50 min Scan# 87

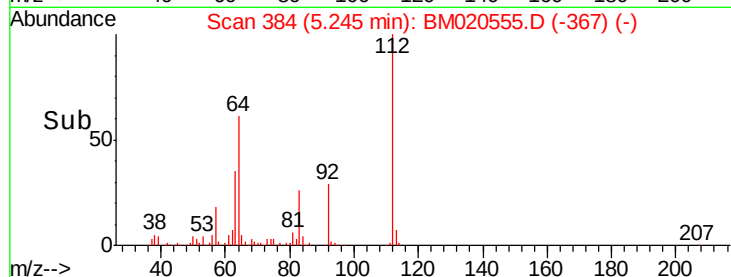
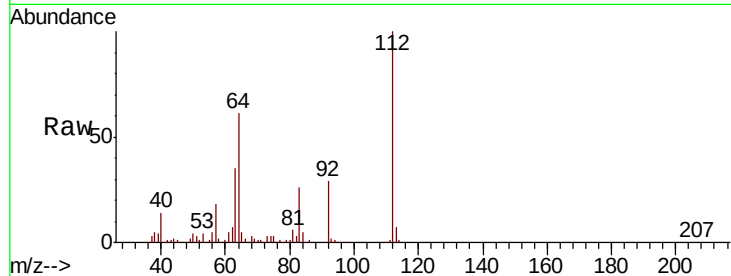
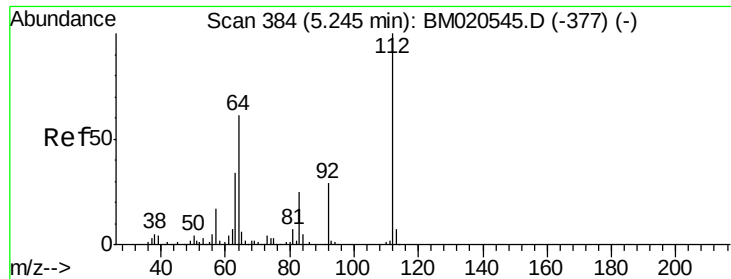
Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	42	Resp:	27485
Ion Ratio	Lower	Upper	
42	100		
74	187.6	161.1	241.7
44	37.0	20.9	31.3





#5

2-Fluorophenol

Concen: 139.595 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tot Ion:	112	Resp:	324947
Ion Ratio	Lower	Upper	
112	100		
64	60.6	48.6	73.0
63	35.3	27.4	41.0

Instrument :

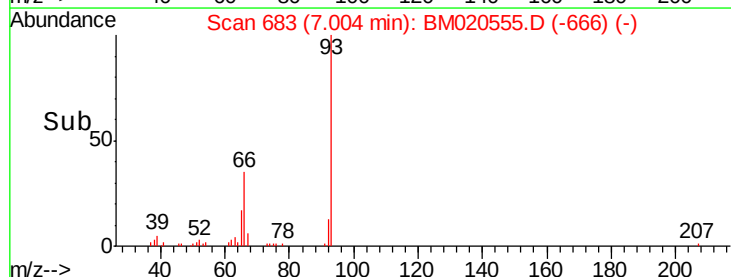
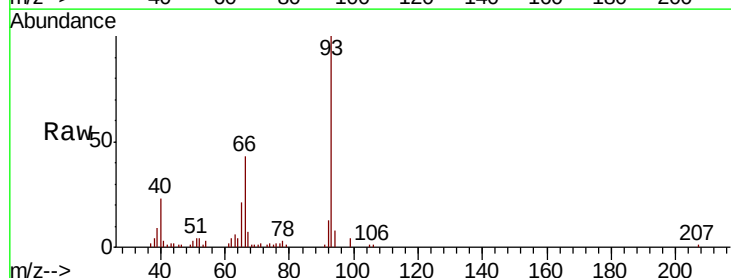
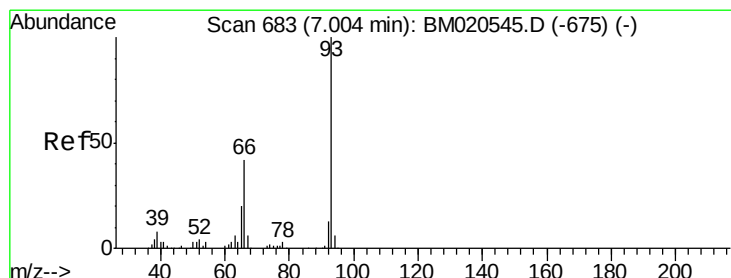
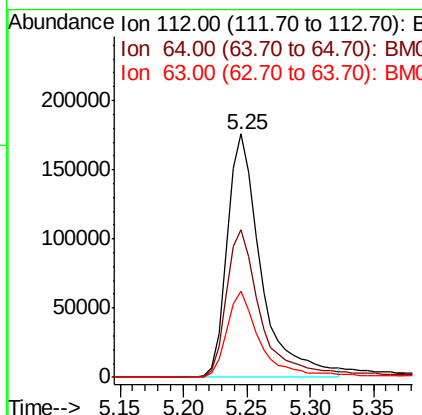
BNA_M

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#6

Aniline

Concen: 25.125 ng

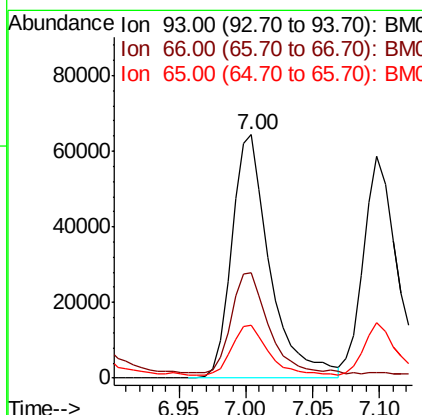
RT: 7.00 min Scan# 683

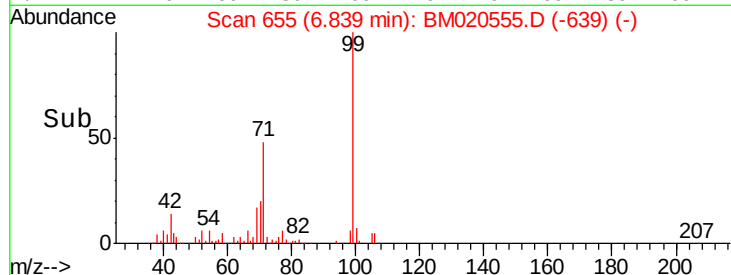
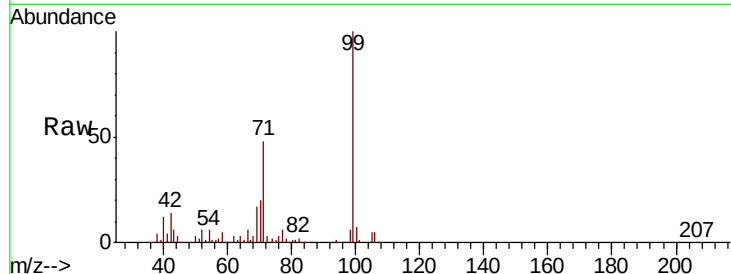
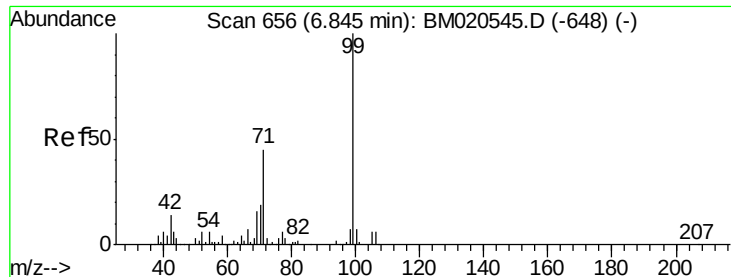
Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	93	Resp:	127695
Ion Ratio	Lower	Upper	
93	100		
66	43.1	34.5	51.7
65	21.5	16.2	24.2





#7

Phenol-d6

Concen: 139.204 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tot Ion:	99	Resp:	489085
Ion Ratio	Lower	Upper	
99	100		
42	14.0	10.8	16.2
71	47.6	36.3	54.5

Instrument :

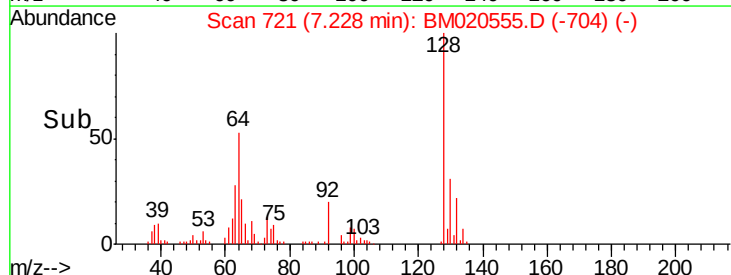
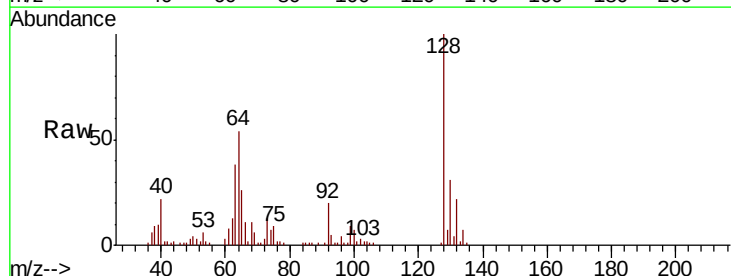
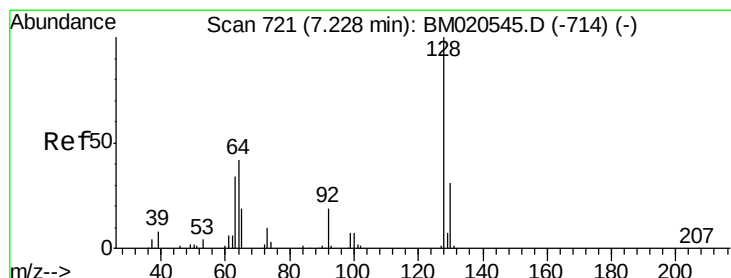
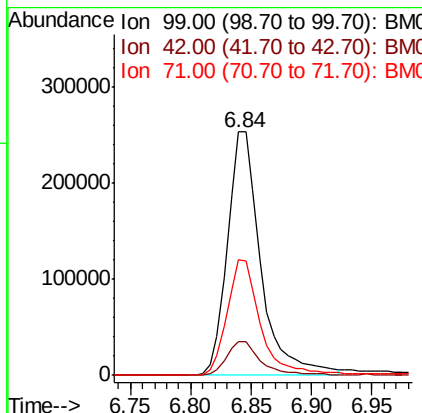
BNA_M

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#8

2-Chlorophenol

Concen: 41.507 ng

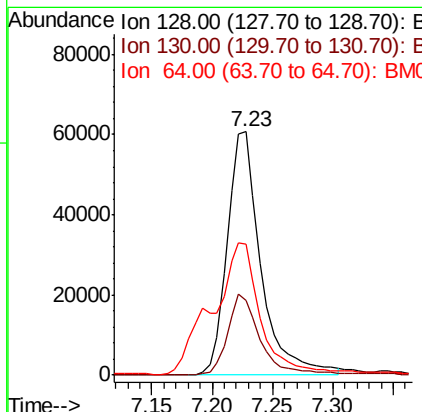
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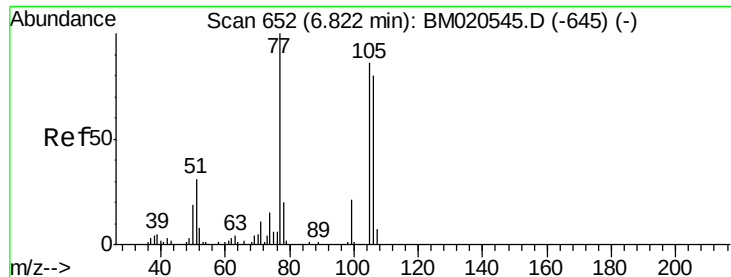
Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	128	Resp:	118146
Ion Ratio	Lower	Upper	
128	100		
130	30.8	11.2	51.2
64	53.7	31.1	71.1





#9

Benzaldehyde

Concen: 31.337 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

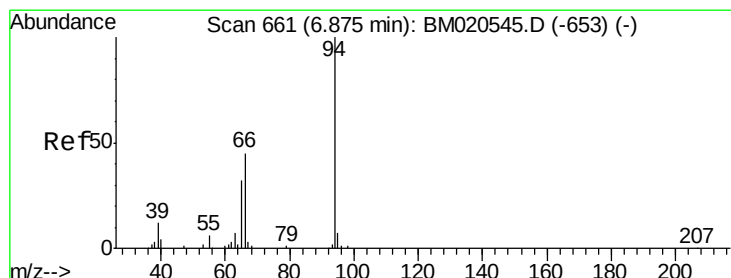
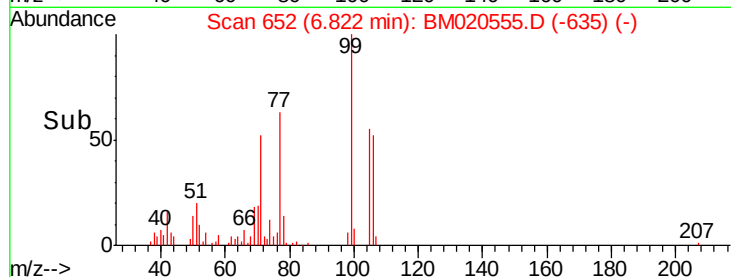
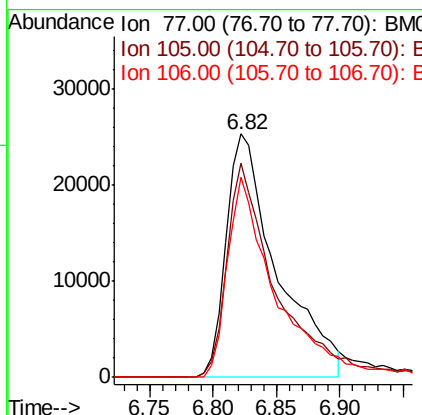
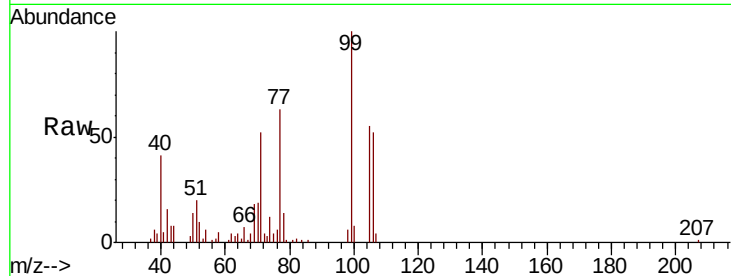
ClientSampleId :

PB119999BS

Tot Ion:	77	Resp:	70290
Ion	Ratio	Lower	Upper
77	100		
105	87.7	66.1	106.1
106	82.2	60.0	100.0

Manual Integrations
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#10

Phenol

Concen: 42.446 ng

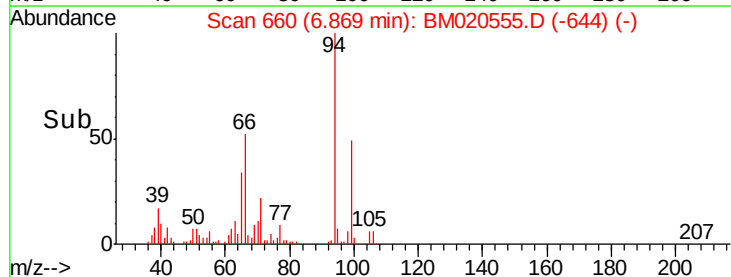
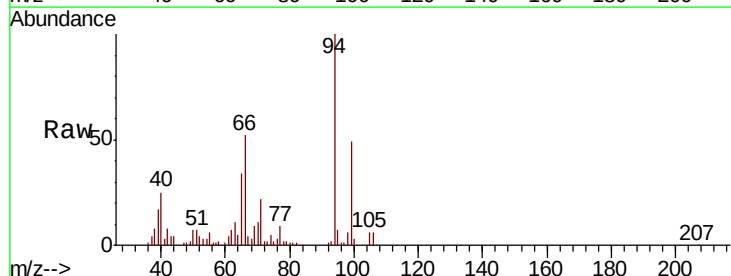
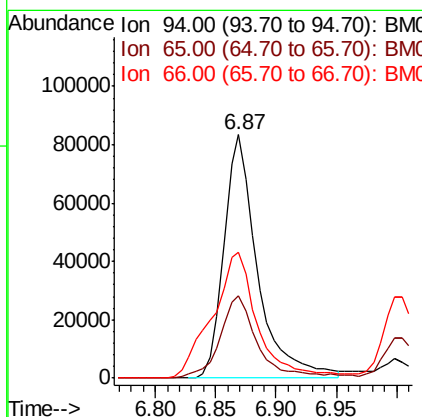
RT: 6.87 min Scan# 660

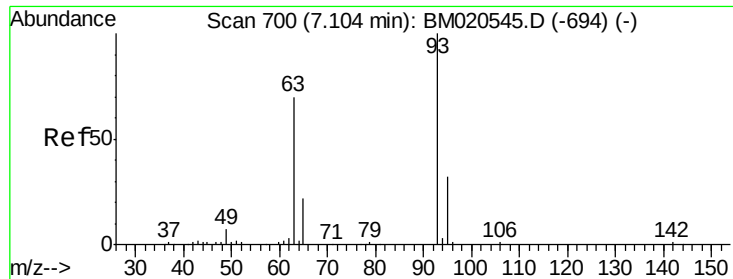
Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	94	Resp:	161040
Ion	Ratio	Lower	Upper
94	100		
65	33.9	12.4	52.4
66	51.8	27.4	67.4





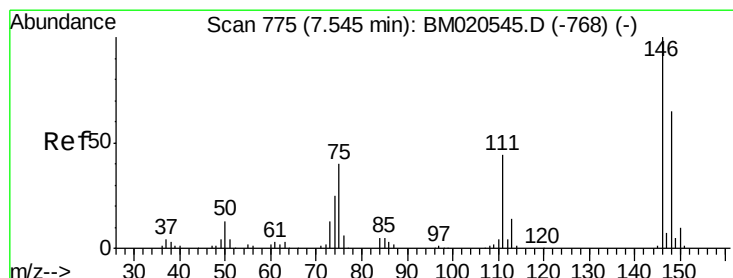
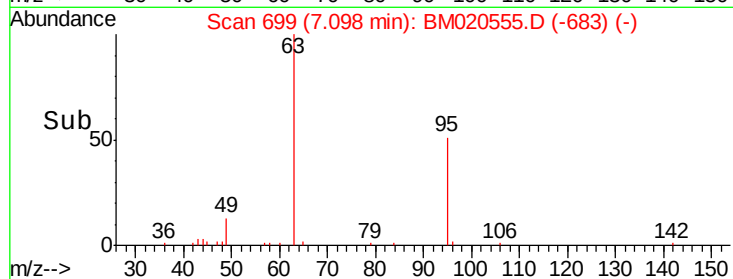
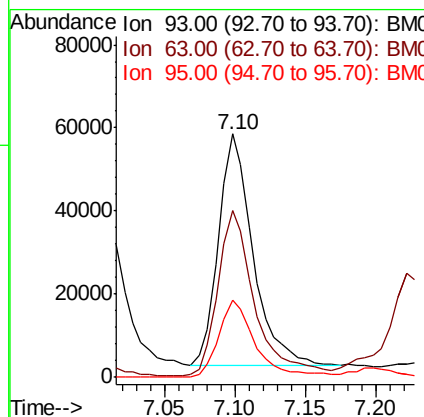
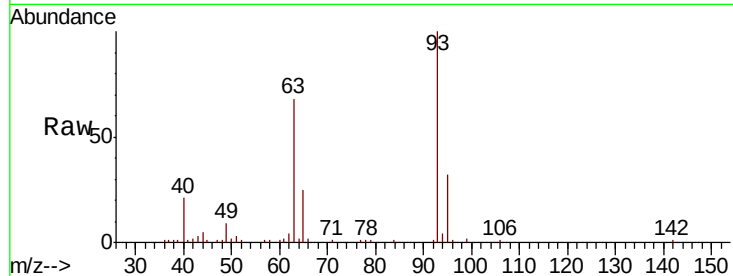
#11
bis(2-Chloroethyl)ether
Concen: 33.158 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion:	93	Resp:	93880
Ion	Ratio	Lower	Upper
93	100		
63	68.4	47.6	87.6
95	31.8	10.9	50.9

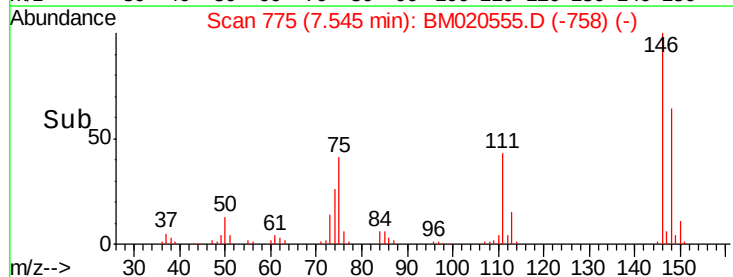
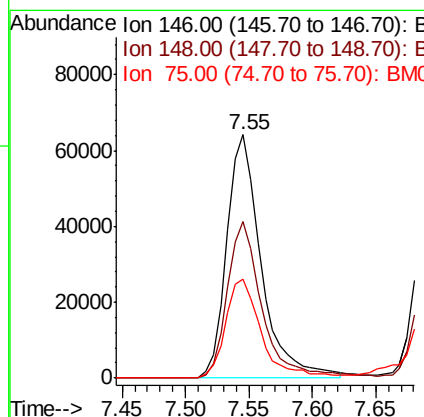
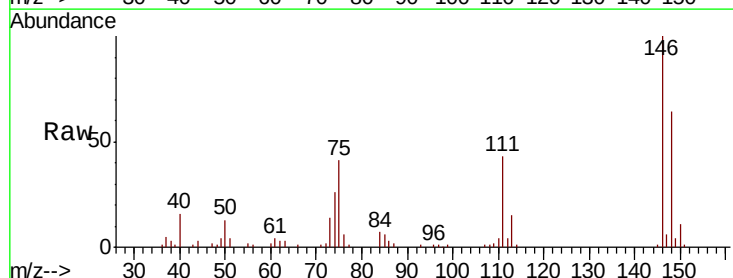
Manual Integrations
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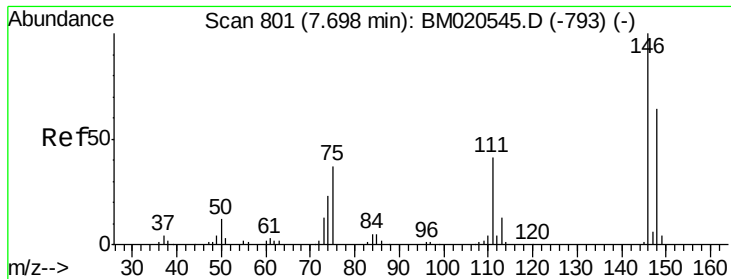
mohammad
5/27/2019 4:00:08 AM



#12
1,3-Dichlorobenzene
Concen: 33.191 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion:	146	Resp:	120990
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	40.6	31.6	47.4





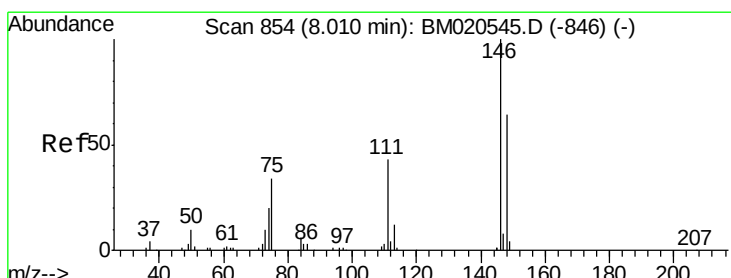
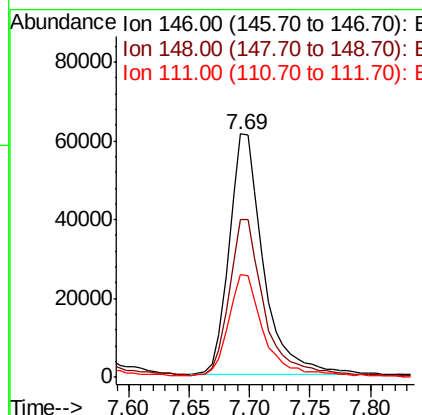
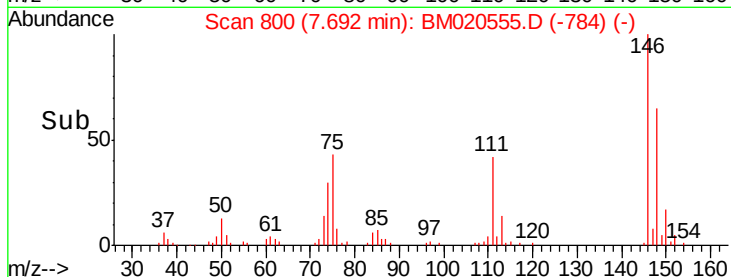
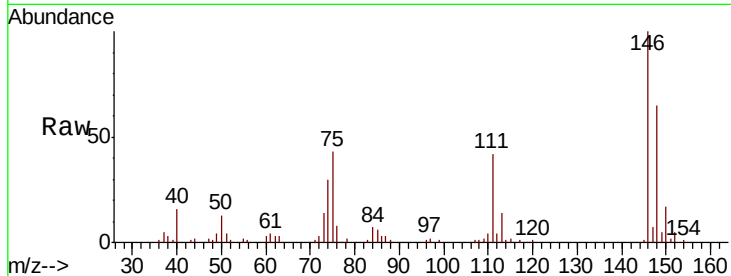
#13
 1,4-Dichlorobenzene
 Concen: 32.835 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	42.1	33.5	50.3

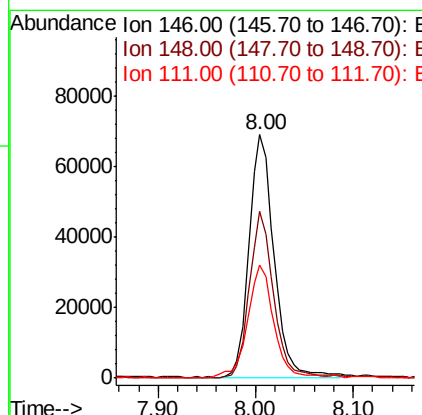
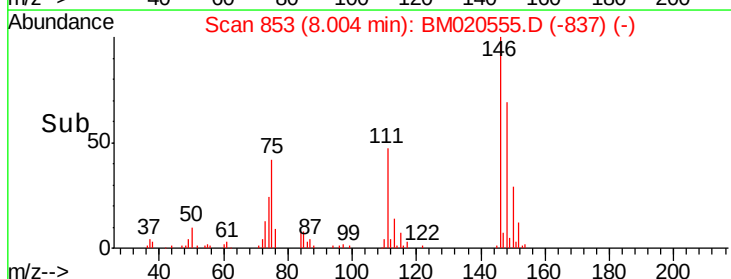
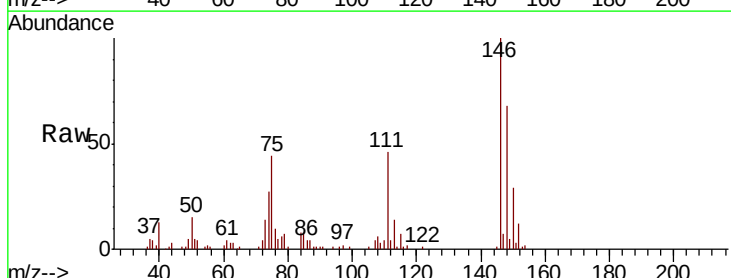
Manual Integrations
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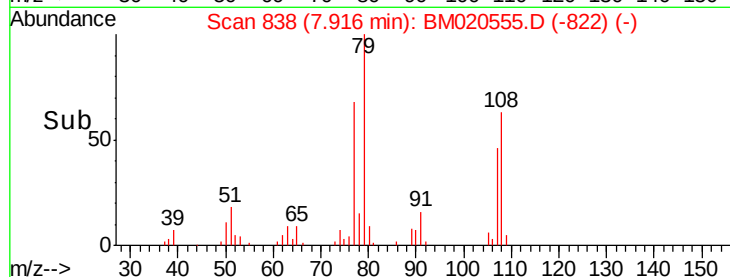
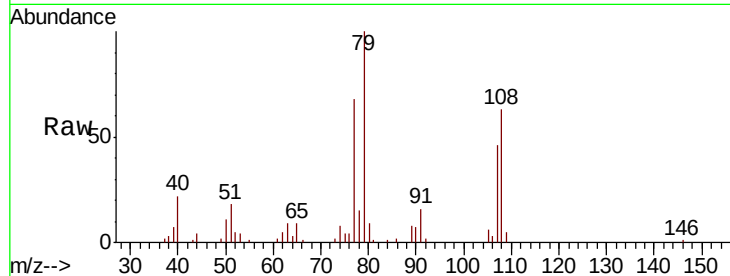
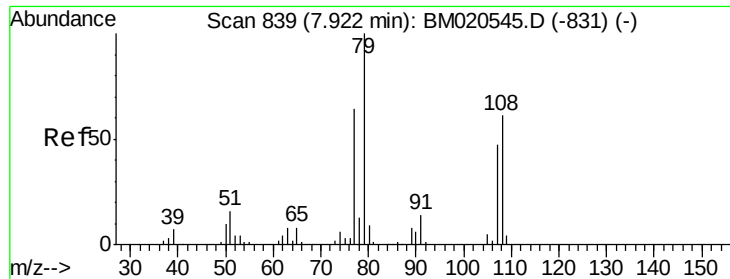
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#14
 1,2-Dichlorobenzene
 Concen: 33.963 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	51.2	76.8
111	46.4	35.2	52.8





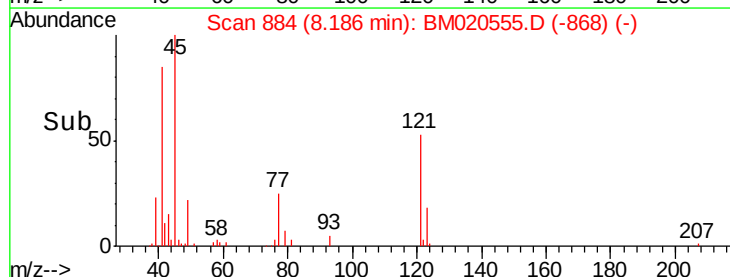
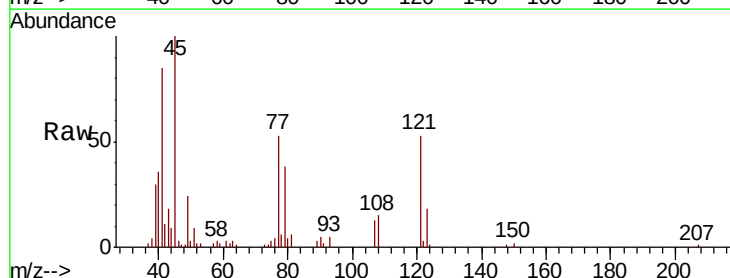
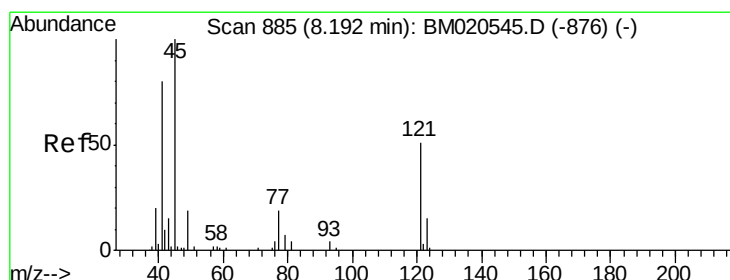
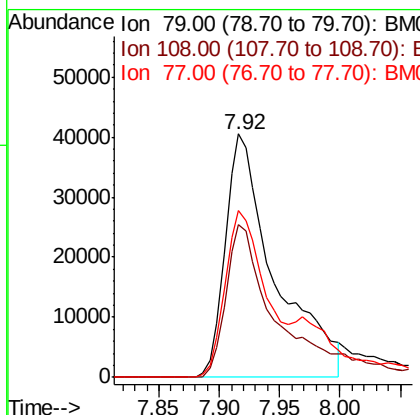
#15
Benzyl Alcohol
Concen: 35.321 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.0	48.5	72.7
77	68.3	50.9	76.3

Instrument :
BNA_M
ClientSampled :
PB119999BS

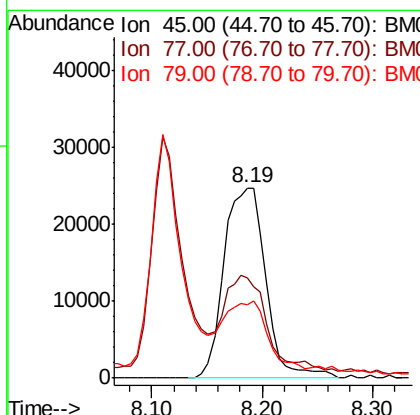
Manual Integrations
APPROVED

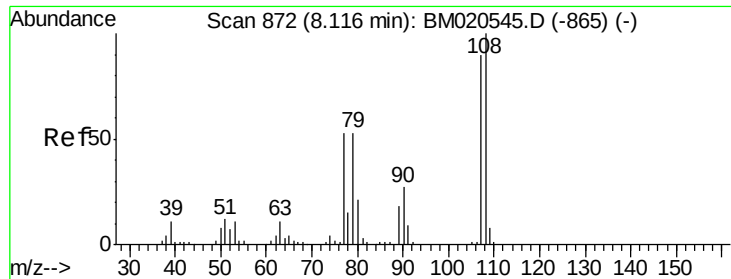
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.115 ng
RT: 8.19 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.7	25.0	65.0
79	38.4	13.1	53.1





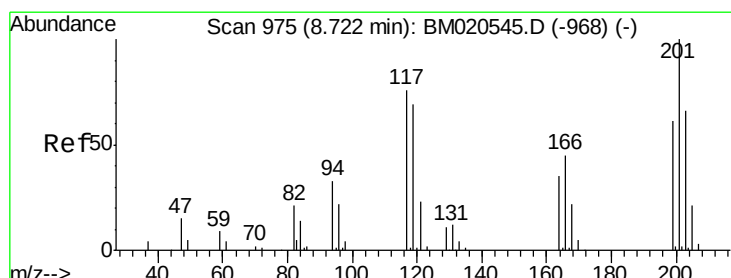
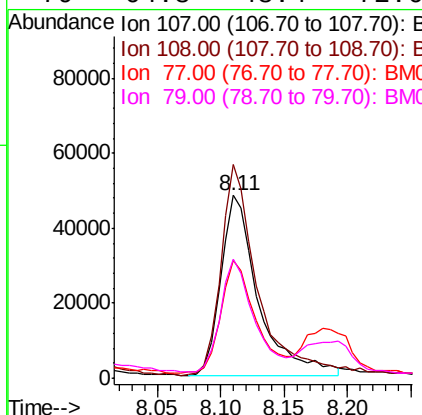
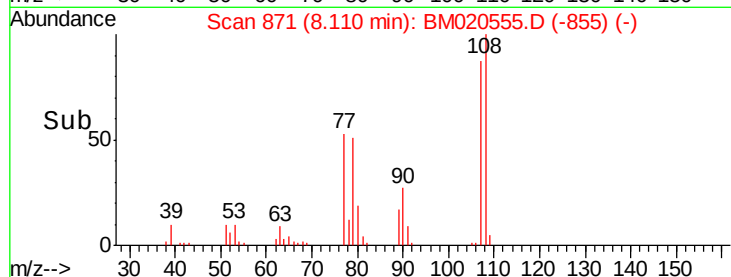
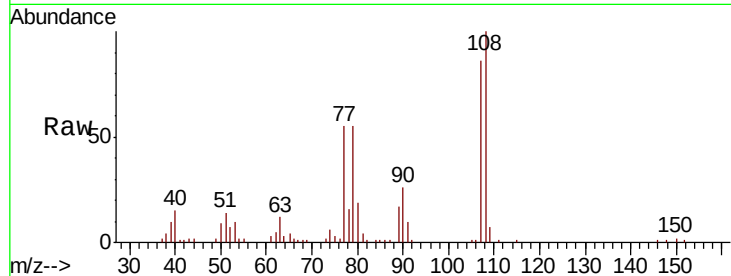
#17
2-Methylphenol
Concen: 39.806 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampled :
PB119999BS

Tot Ion:	107	Resp:	99704
Ion	Ratio	Lower	Upper
107	100		
108	116.7	89.4	134.2
77	64.2	48.2	72.4
79	64.8	48.4	72.6

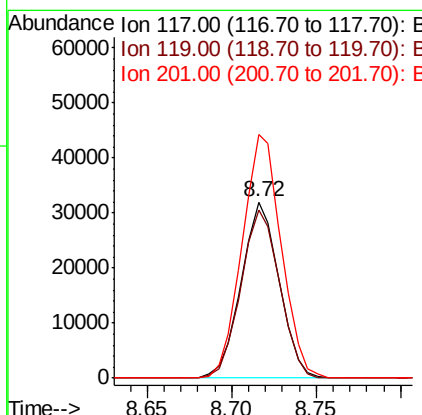
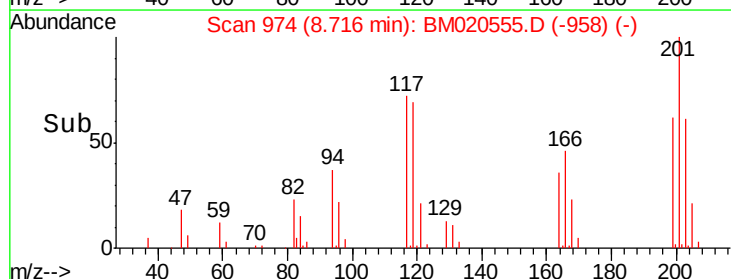
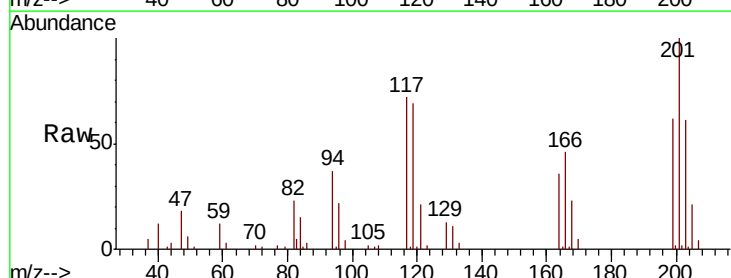
Manual Integrations
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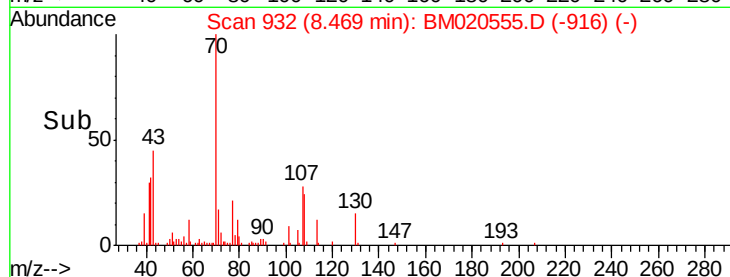
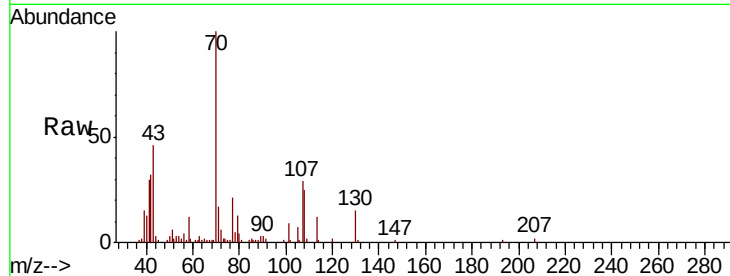
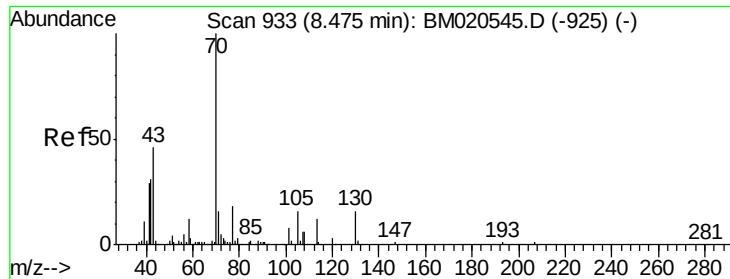
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#18
Hexachloroethane
Concen: 33.894 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion:	117	Resp:	50027
Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.2	109.8
201	138.4	105.8	158.8





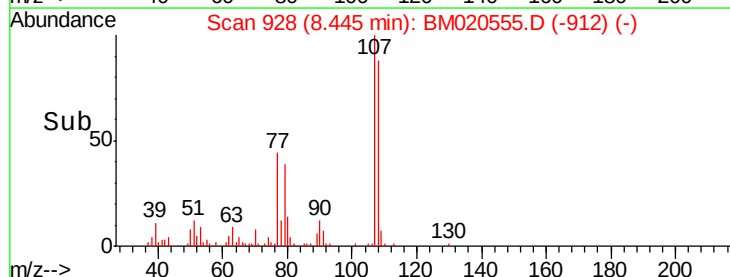
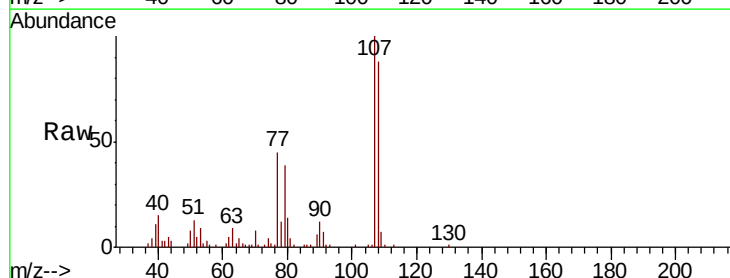
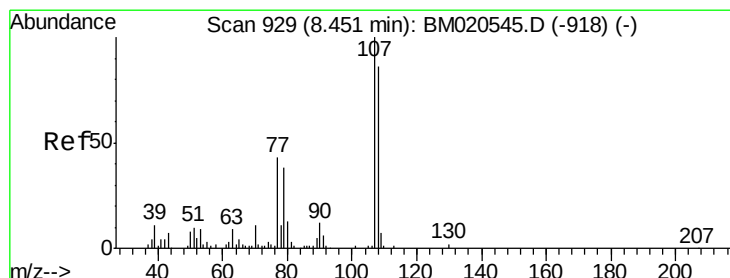
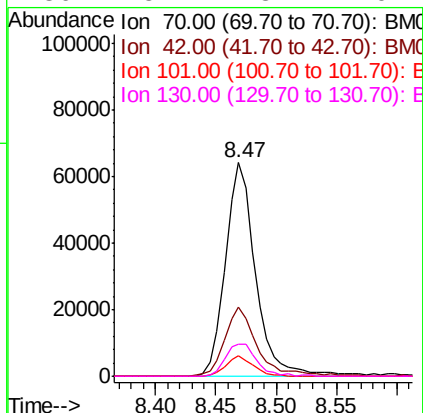
#19
n-Nitroso-di-n-propylamine
Concen: 35.580 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Manual Integrations
APPROVED

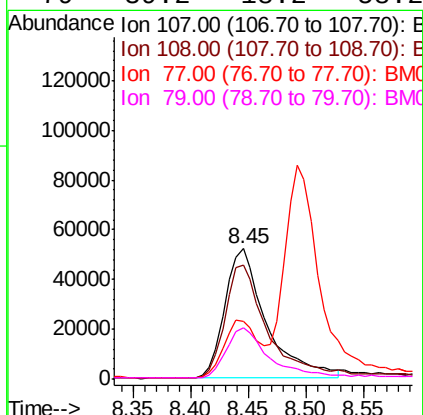
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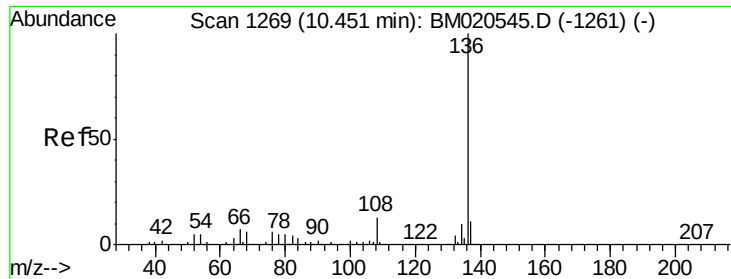
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	32.4	24.7	37.1	
101	9.5	6.8	10.2	
130	15.1	13.1	19.7	



#20
3+4-Methylphenols
Concen: 38.612 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	66.5	106.5	
77	44.6	23.0	63.0	
79	39.2	18.2	58.2	





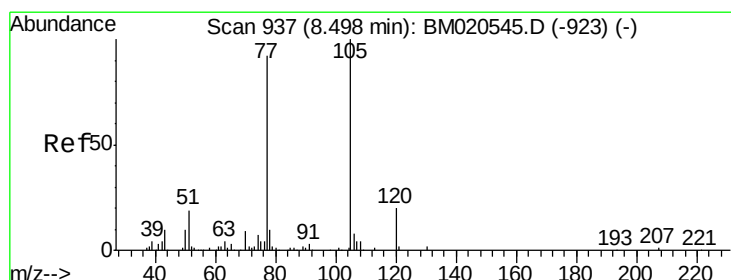
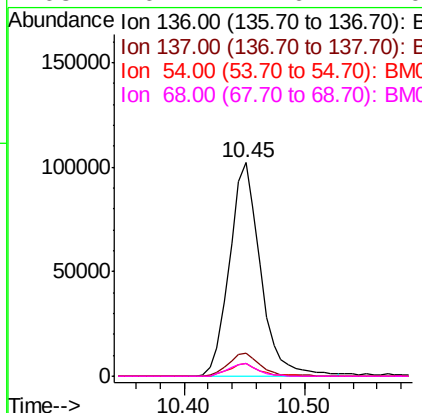
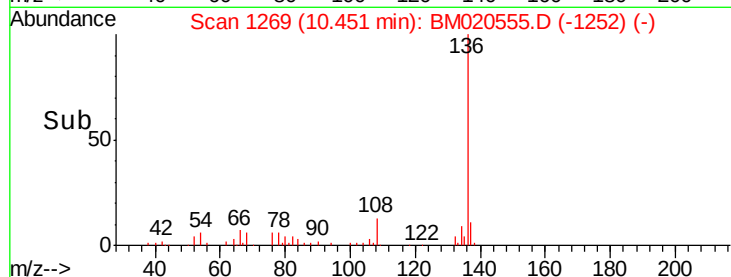
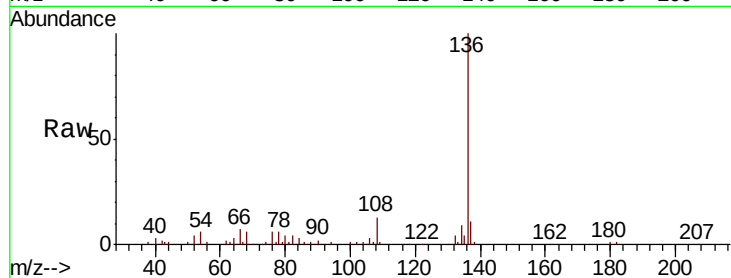
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	183897		
137	10.6		8.4	12.6
54	6.0		4.2	6.4
68	6.2		4.6	7.0

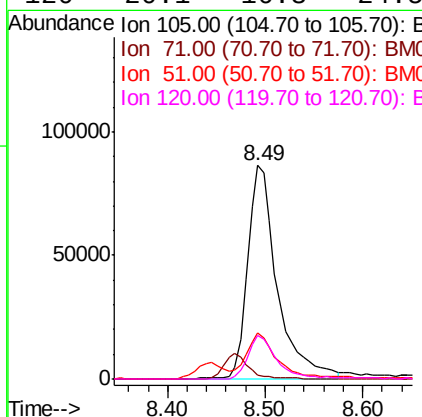
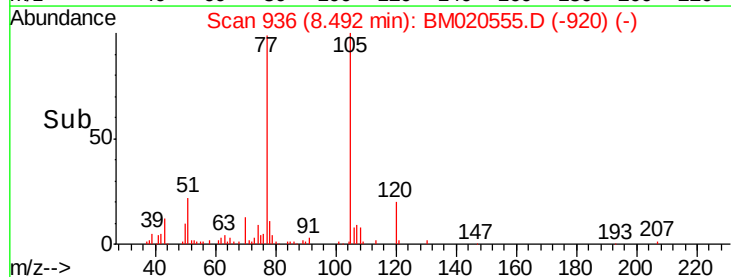
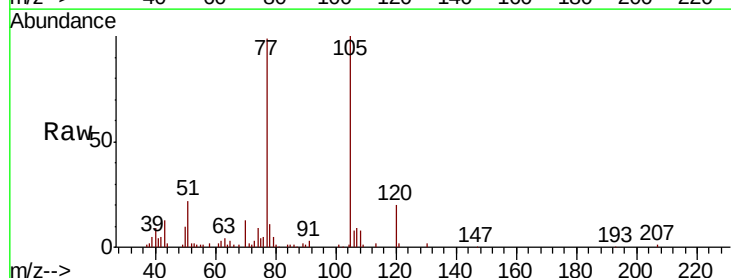
Manual Integrations
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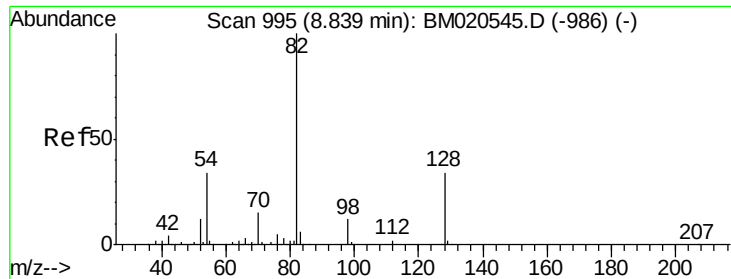
mohammad
5/27/2019 4:00:08 AM



#22
Acetophenone
Concen: 36.383 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184243		
71	1.9		1.3	1.9
51	21.8		15.7	23.5
120	20.1		16.3	24.5





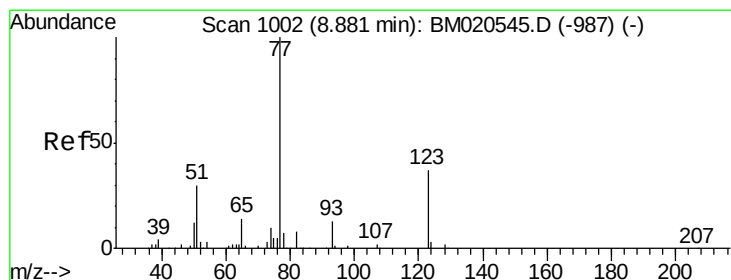
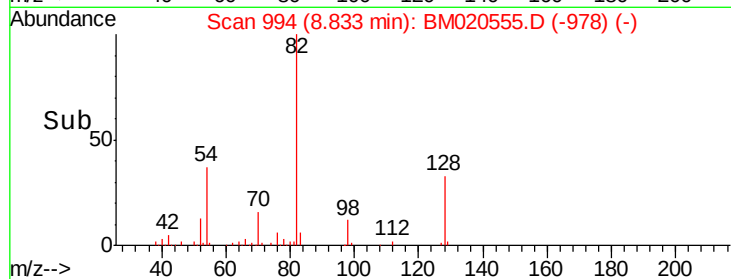
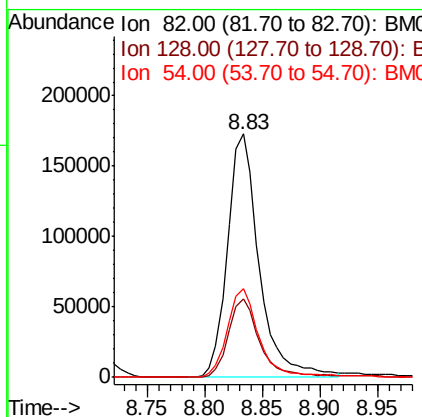
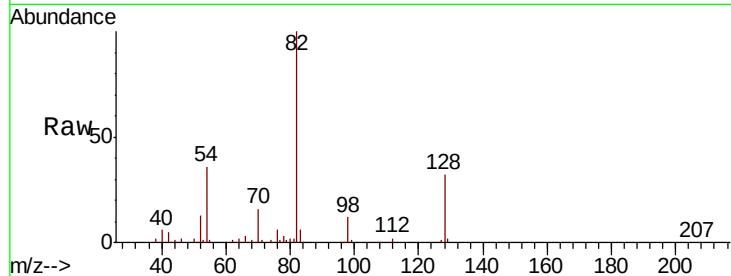
#23
 Nitrobenzene-d5
 Concen: 75.326 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BS

Tot Ion	82	Resp	330030
Ion Ratio	Lower	Upper	
82	100		
128	32.4	27.0	40.4
54	36.4	27.4	41.2

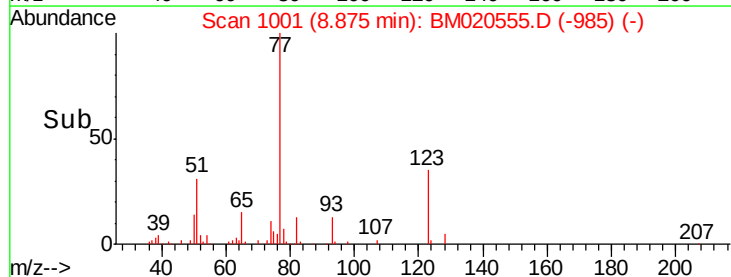
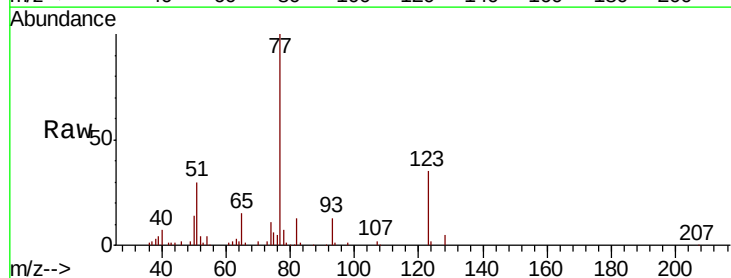
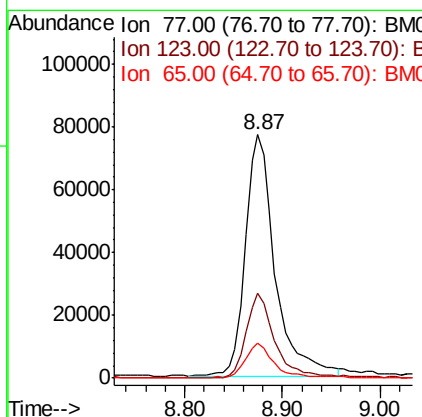
Manual Integrations
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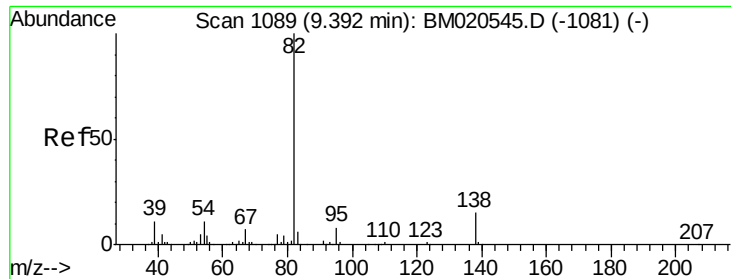
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#24
 Nitrobenzene
 Concen: 37.829 ng
 RT: 8.87 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Tgt Ion	77	Resp	163686
Ion Ratio	Lower	Upper	
77	100		
123	35.0	29.4	44.2
65	14.6	10.8	16.2





#25

Isophorone

Concen: 38.404 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

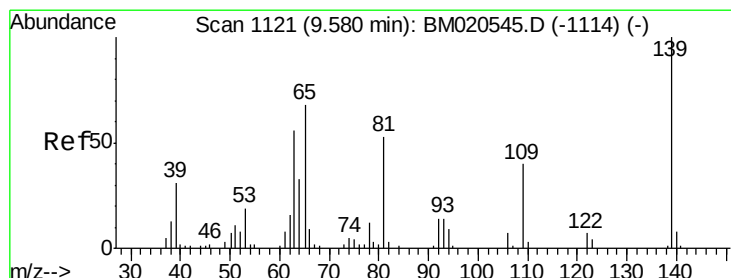
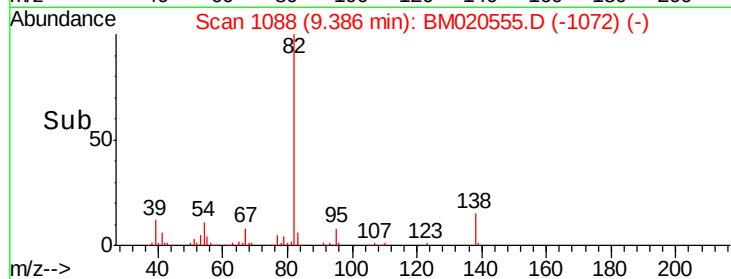
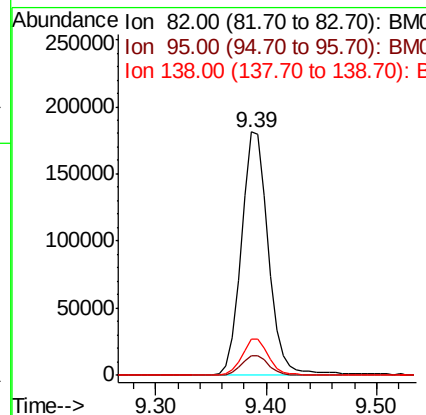
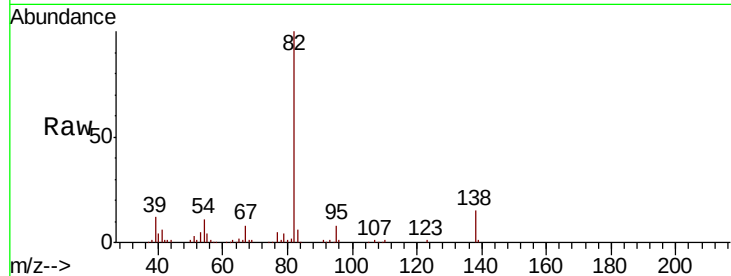
ClientSampleId :

PB119999BS

Tot Ion:	82	Resp:	313088
Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.7	10.1
138	14.9	12.0	18.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.073 ng

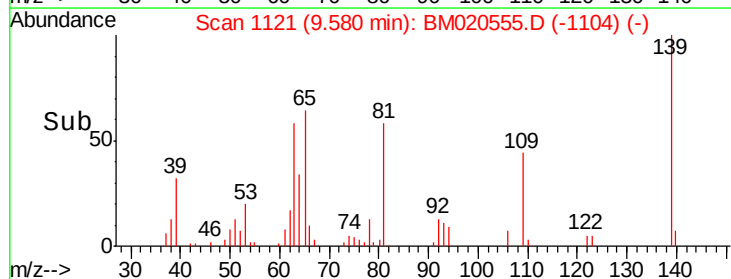
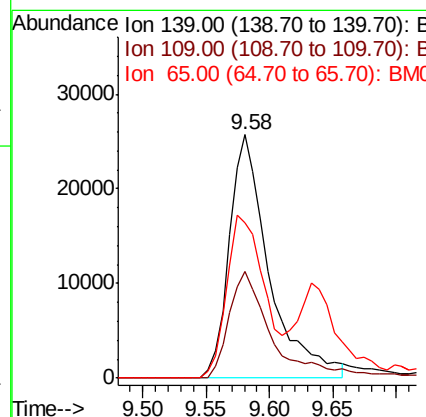
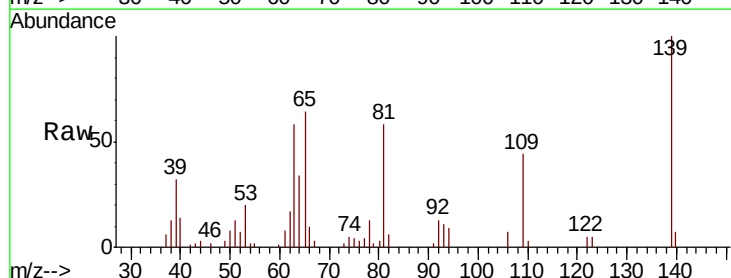
RT: 9.58 min Scan# 1121

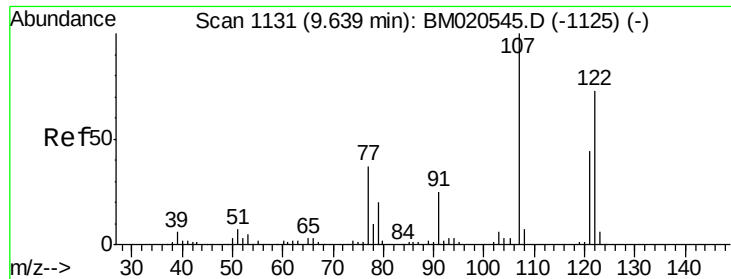
Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	139	Resp:	55996
Ion	Ratio	Lower	Upper
139	100		
109	43.6	32.3	48.5
65	64.0	54.4	81.6





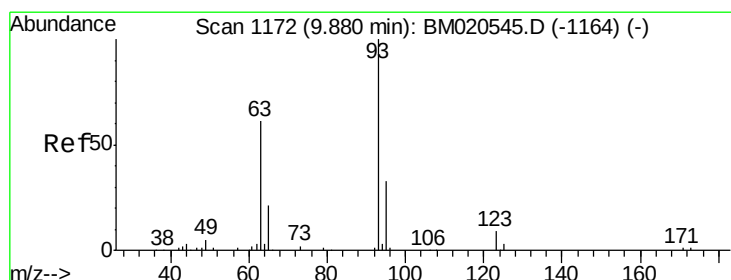
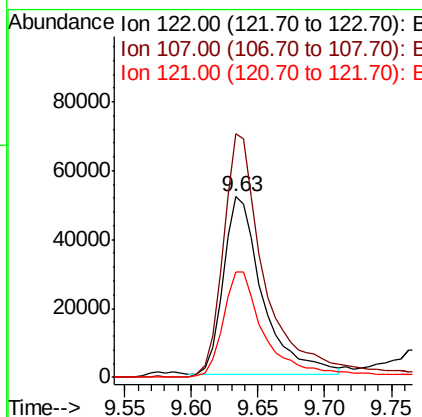
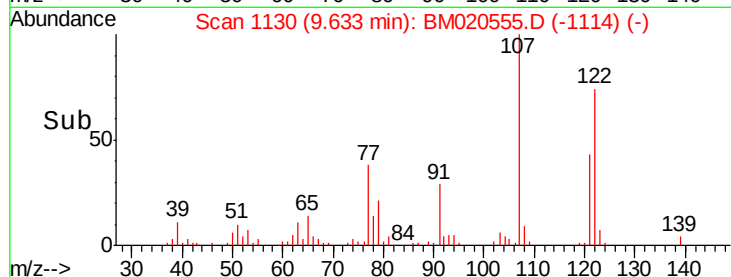
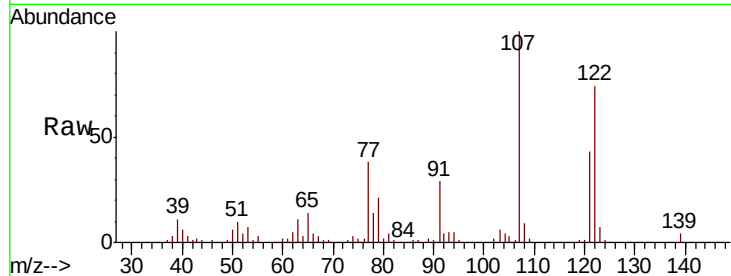
#27
2,4-Dimethylphenol
Concen: 44.682 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.0	108.2	162.2
121	58.6	47.4	71.0

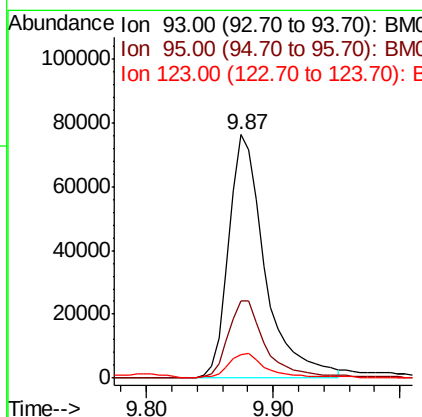
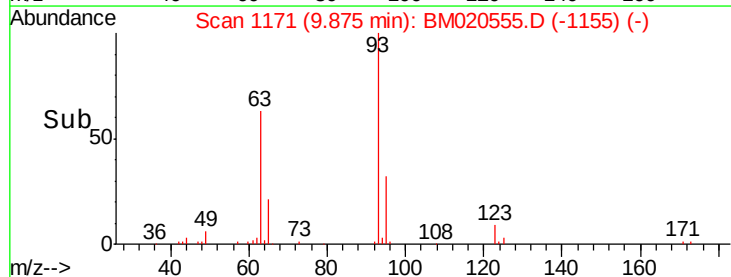
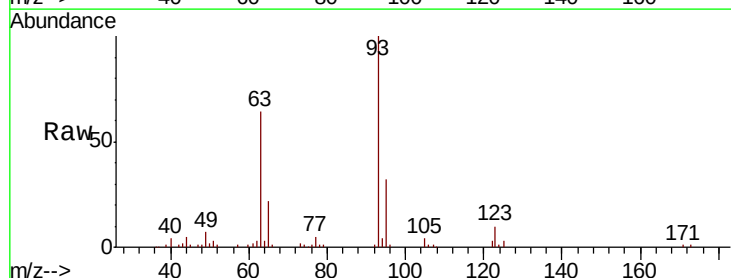
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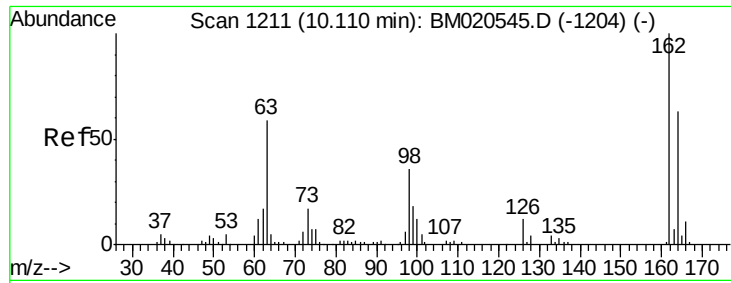
mohammad
5/27/2019 4:00:08 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.714 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.1	39.1
123	9.7	8.1	12.1





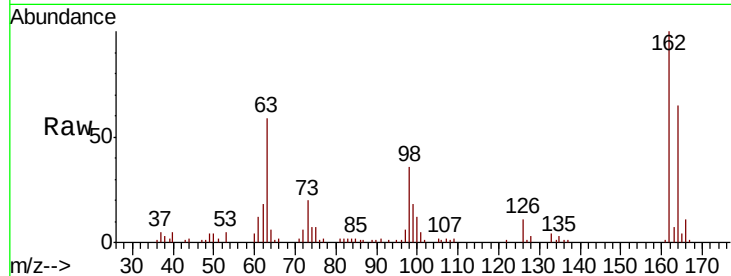
#29
 2,4-Dichlorophenol
 Concen: 41.204 ng
 RT: 10.11 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	130339		
164	64.8	43.1	83.1	
98	36.0	16.2	56.2	

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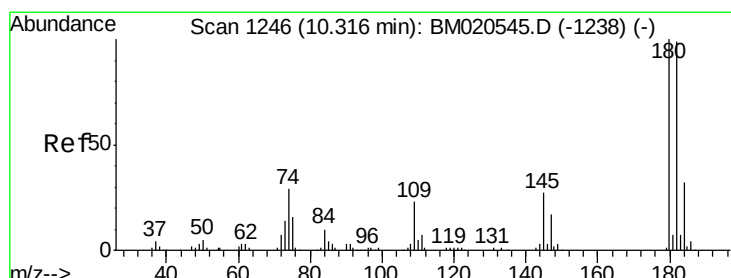
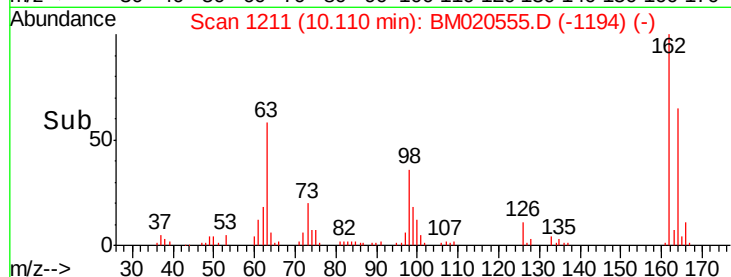
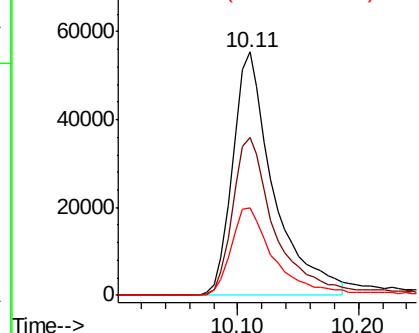


Abundance

Ion 162.00 (161.70 to 162.70): E

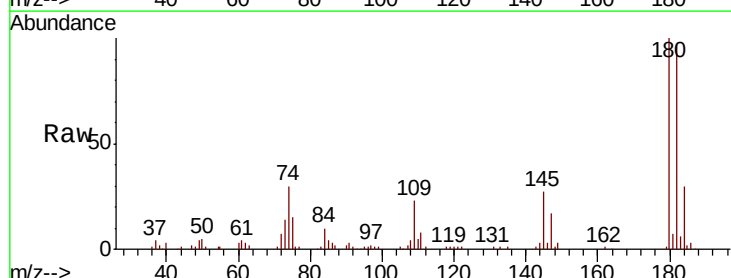
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.969 ng
 RT: 10.31 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155569		
182	97.2	78.8	118.2	
145	26.5	21.3	31.9	

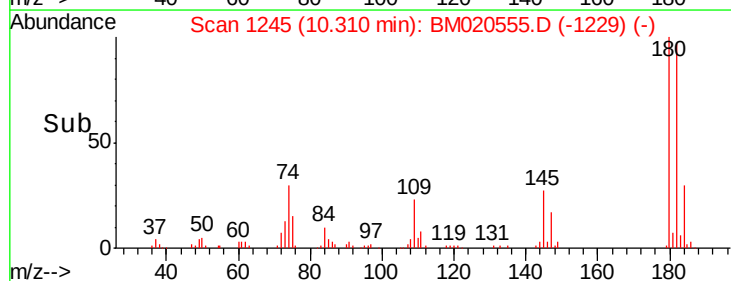
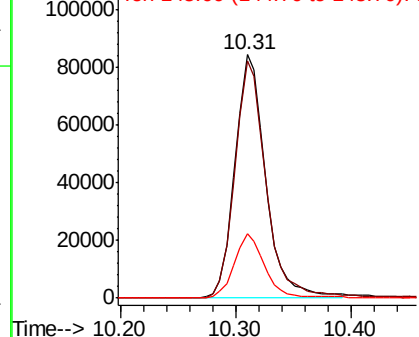


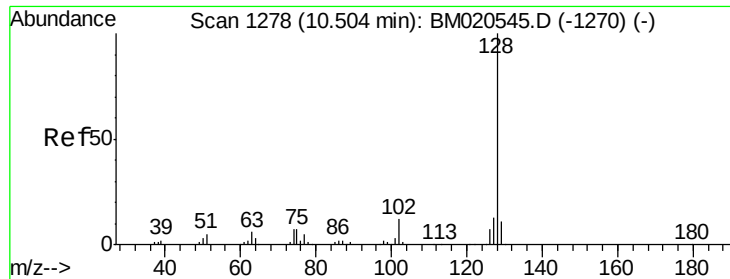
Abundance

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





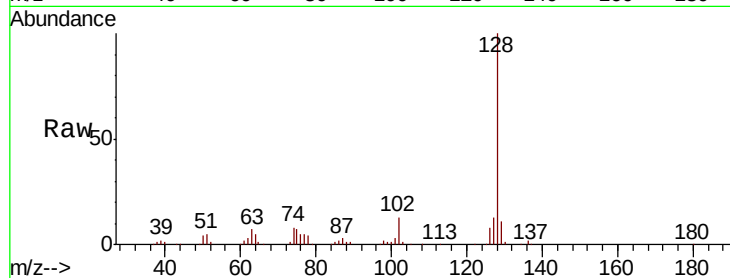
#31
Naphthalene
Concen: 37.107 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.0	13.6	
127	13.2	10.4	15.6	

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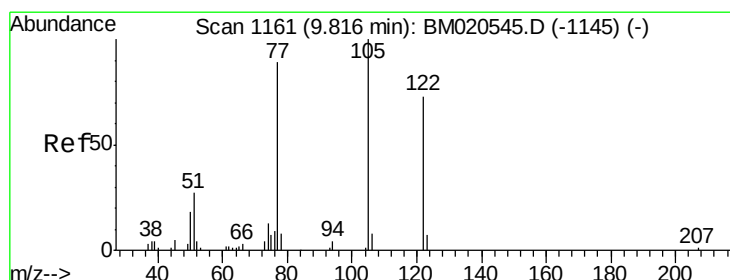
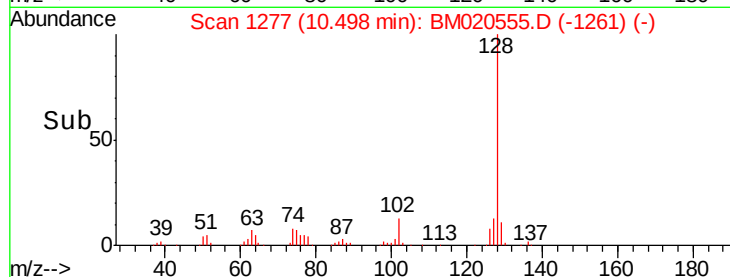
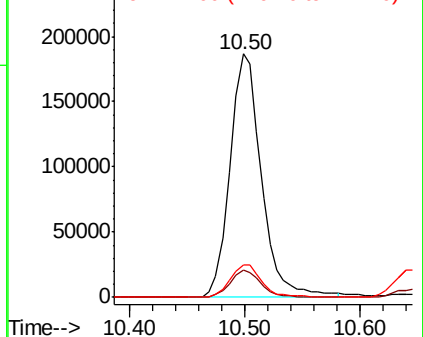


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.169 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

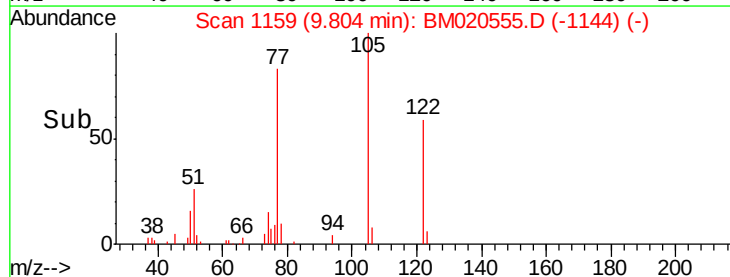
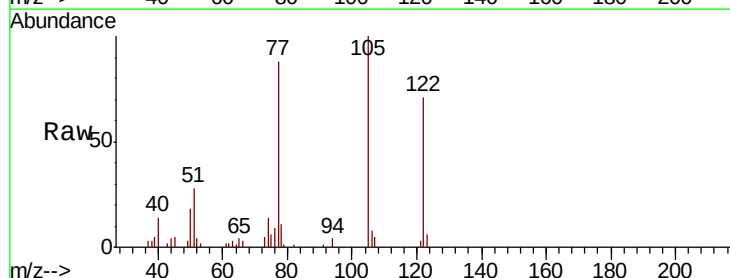
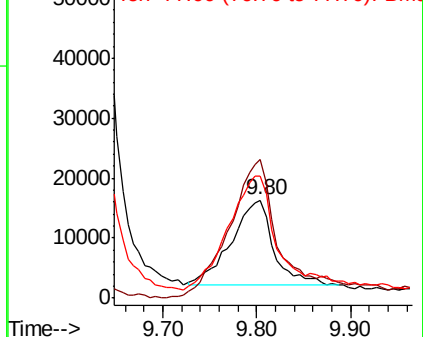
Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	141.5	108.8	148.8	
77	124.8	97.8	137.8	

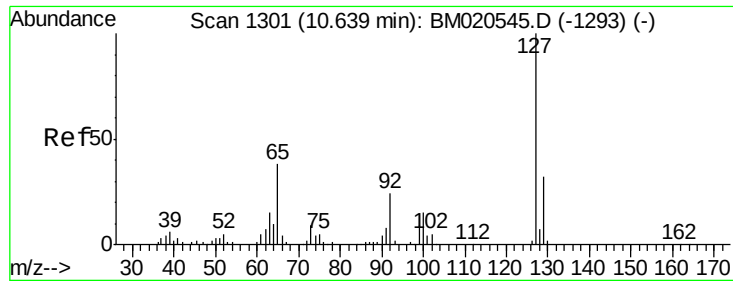
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





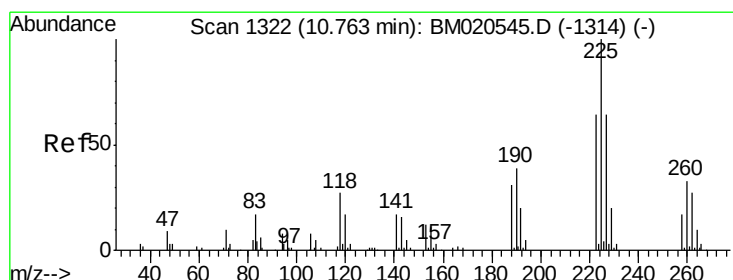
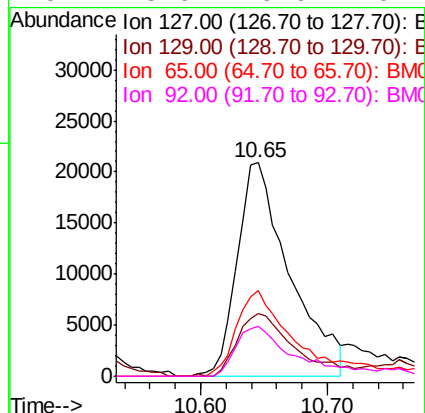
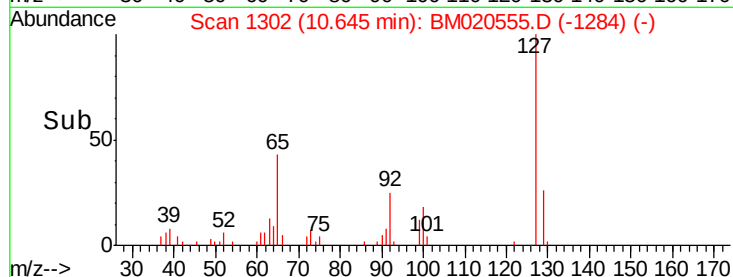
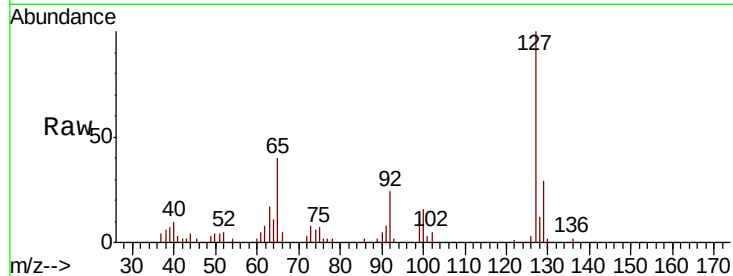
#33
4-Chloroaniline
Concen: 15.871 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion:	127	Resp:	60147
Ion Ratio	Lower	Upper	
127	100		
129	29.4	25.4	38.2
65	40.4	30.6	45.8
92	23.6	19.6	29.4

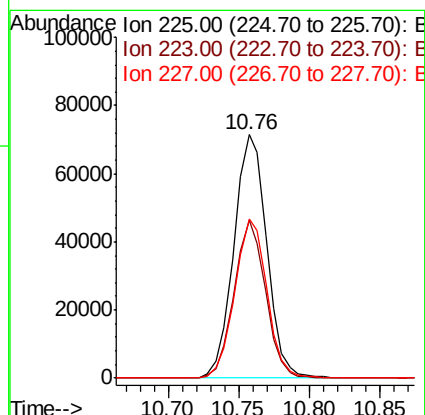
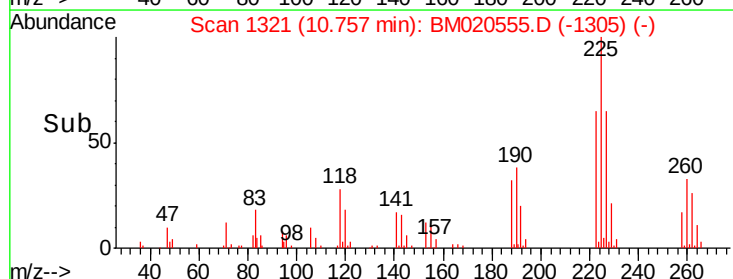
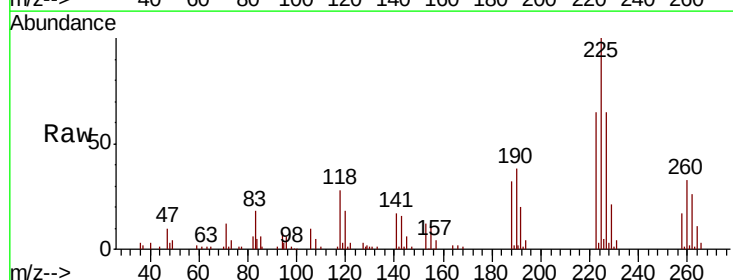
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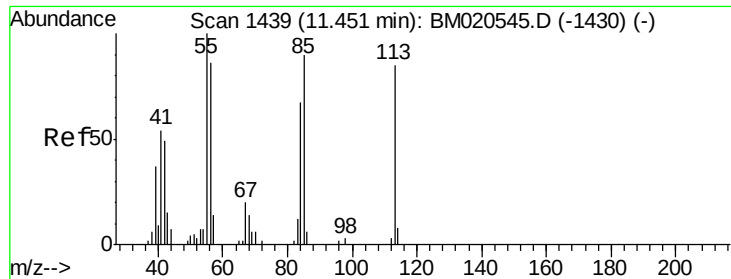
mohammad
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#34
Hexachlorobutadiene
Concen: 35.945 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion:	225	Resp:	115587
Ion Ratio	Lower	Upper	
225	100		
223	64.8	51.4	77.0
227	65.2	51.0	76.6





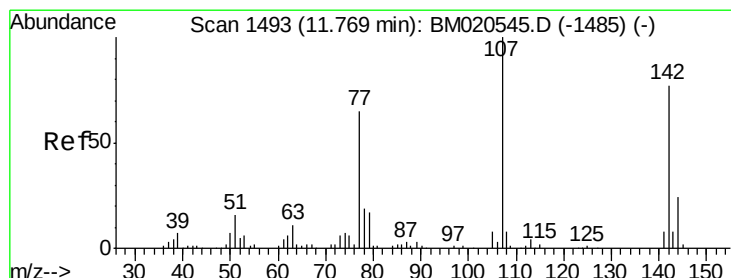
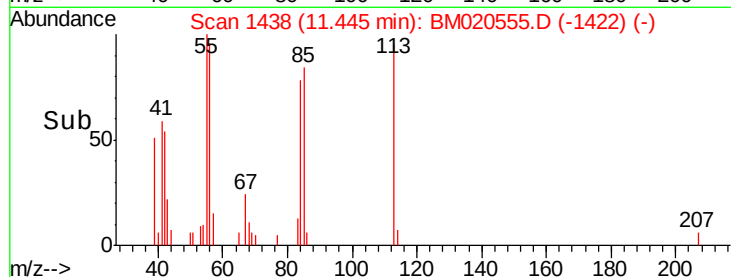
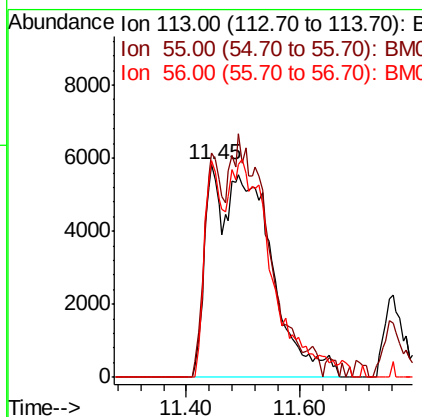
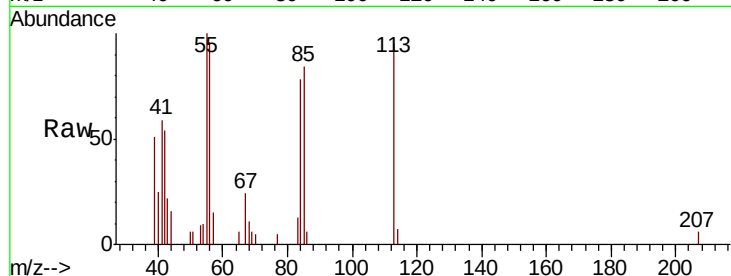
#35
Caprolactam
Concen: 41.147 ng/ml
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	105.7	97.6	137.6
56	102.0	81.6	121.6

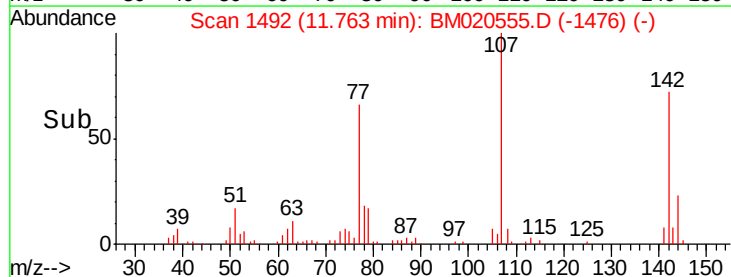
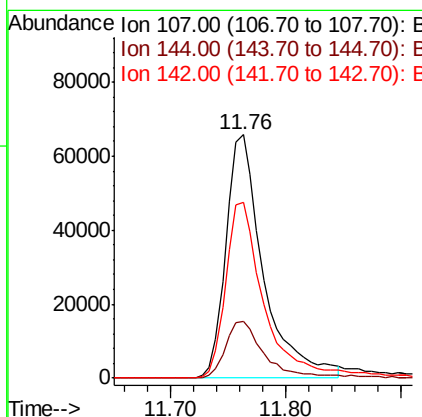
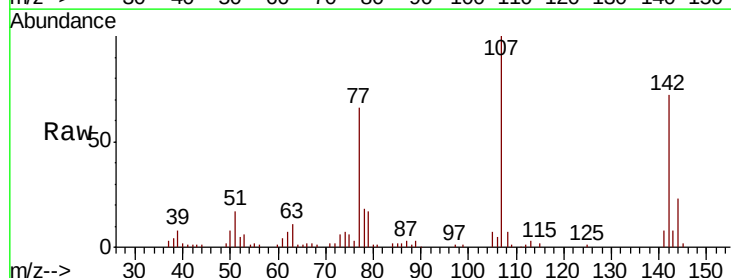
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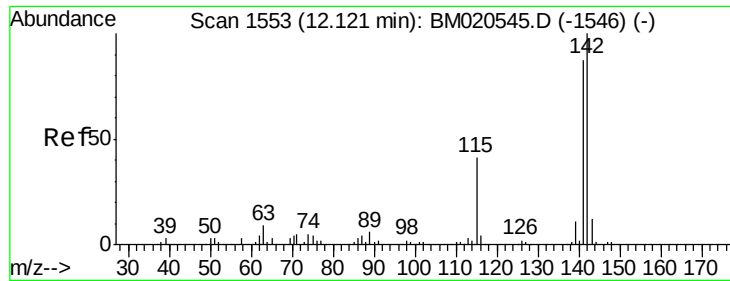
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.110 ng/ml
RT: 11.76 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.0	28.6
142	72.1	61.3	91.9





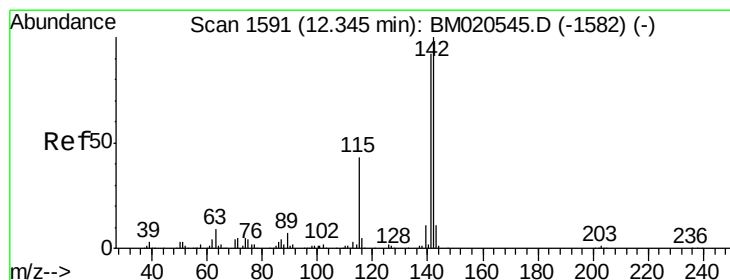
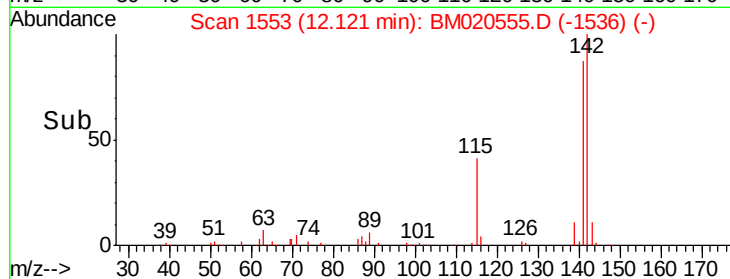
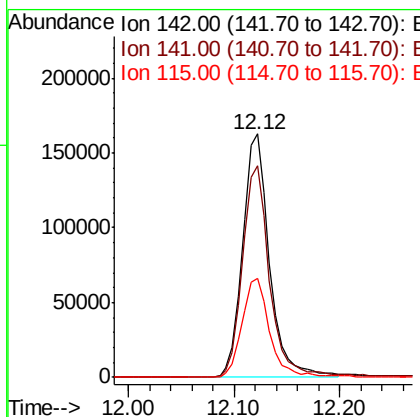
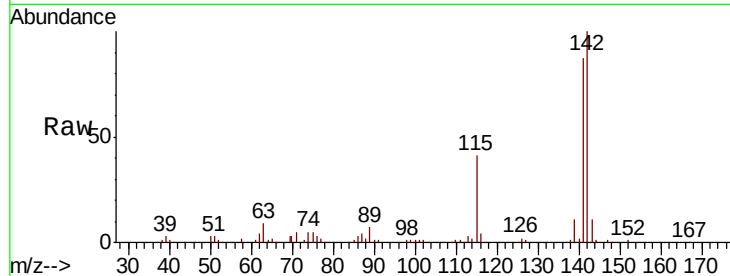
#37
2-Methylnaphthalene
Concen: 39.673 ng
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.9	104.9
115	40.7	32.9	49.3

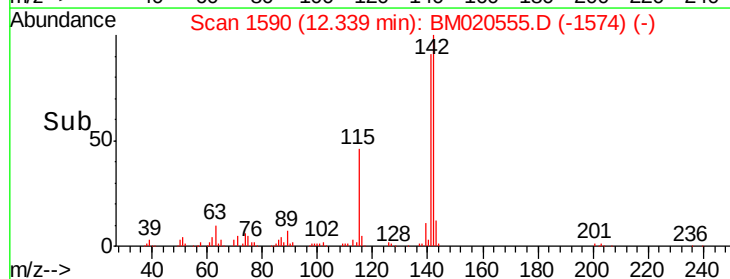
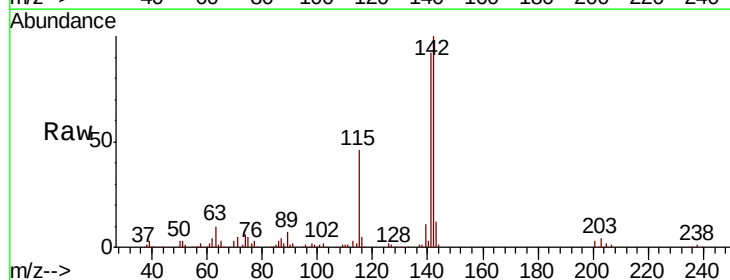
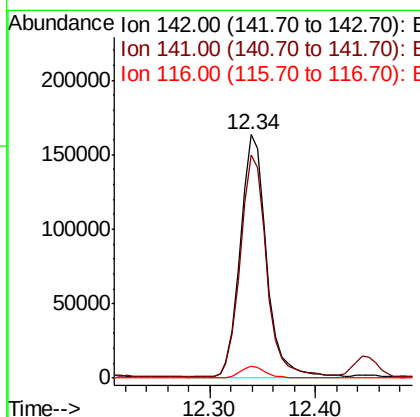
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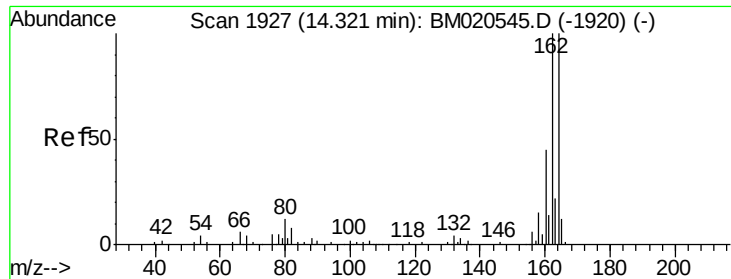
mohammad
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#38
1-Methylnaphthalene
Concen: 39.650 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	4.9	3.7	5.5





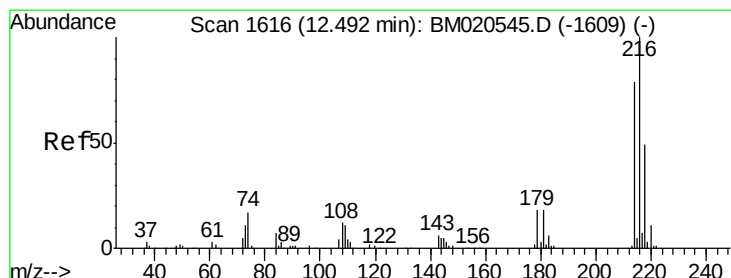
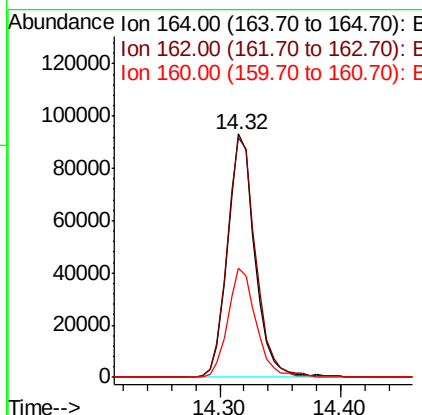
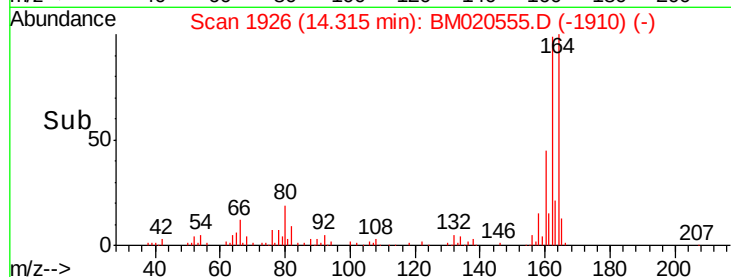
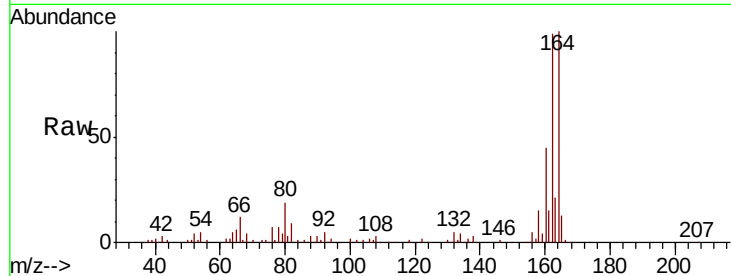
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.8	119.8
160	44.7	35.9	53.9

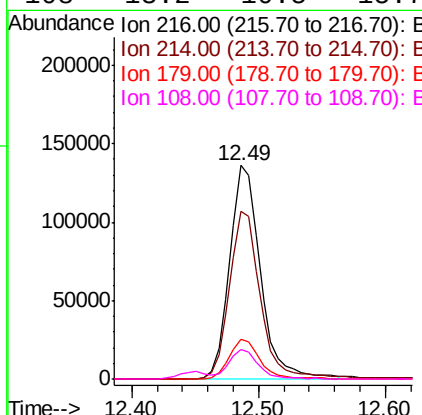
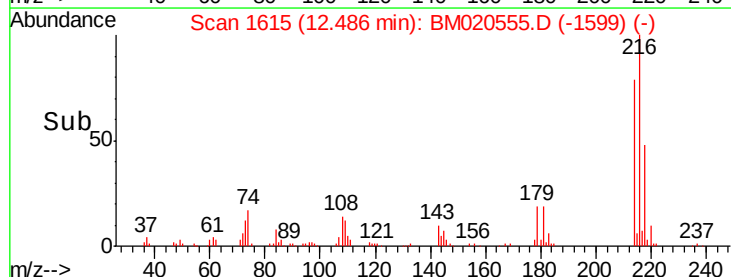
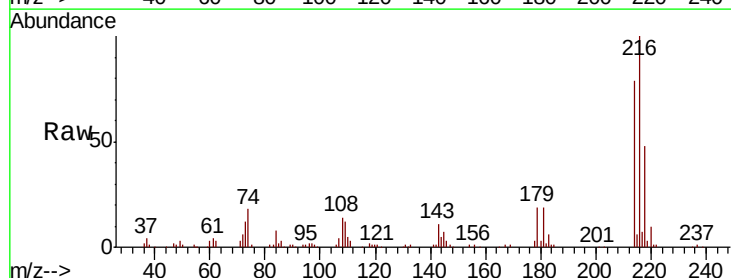
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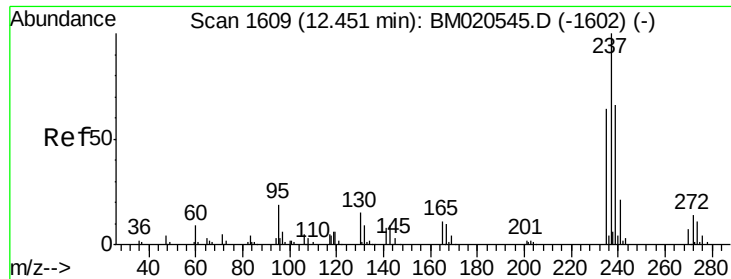
mohammad
 5/27/2019 4:00:08 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.365 ng
 RT: 12.49 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.6
179	18.4	14.8	22.2
108	13.2	10.5	15.7





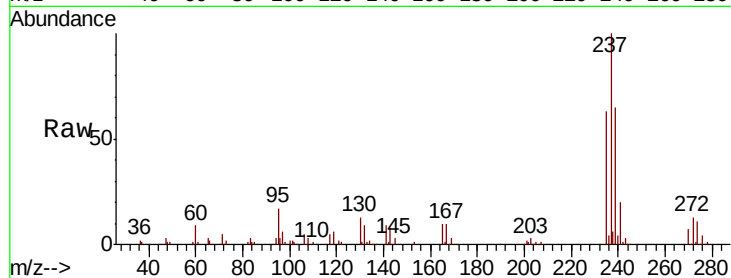
#41
Hexachlorocyclopentadiene
Concen: 78.565 ng
RT: 12.45 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

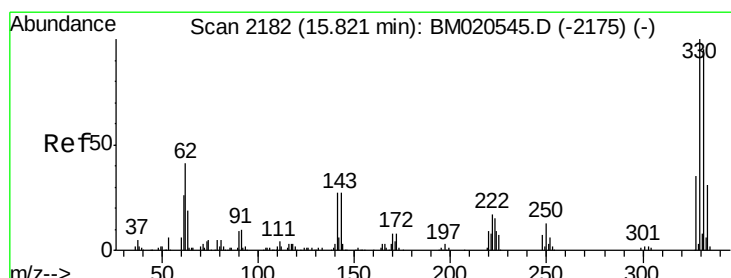
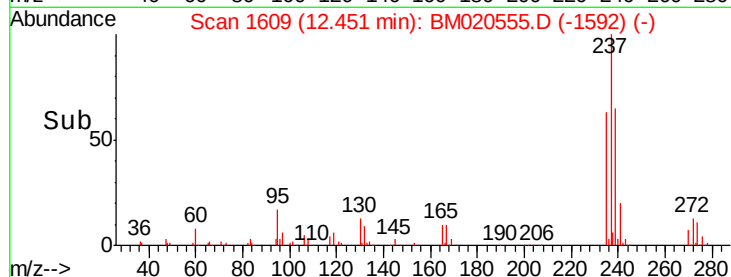
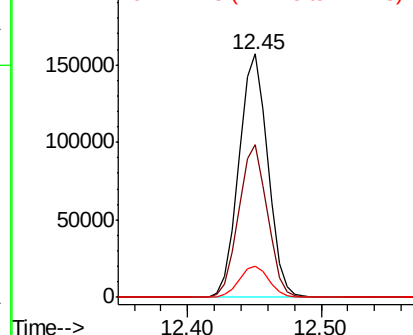
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	43.5	83.5
272	12.9	0.0	33.9

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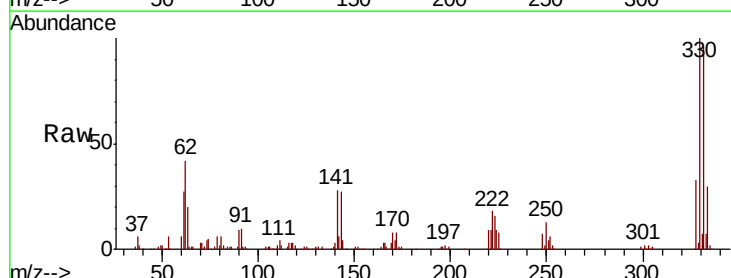


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

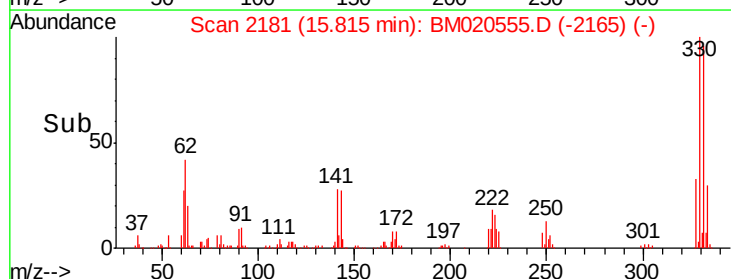
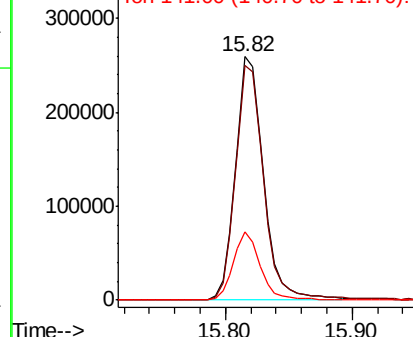


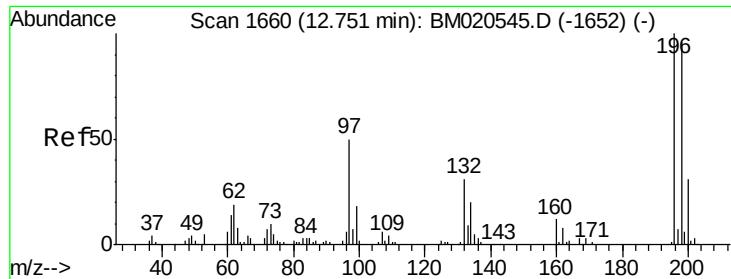
#42
2,4,6-Tribromophenol
Concen: 134.509 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	77.5	116.3
141	27.4	21.7	32.5



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





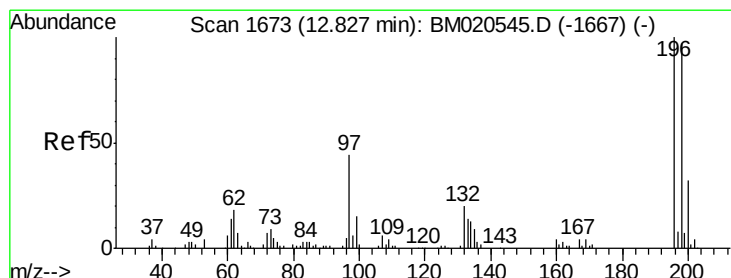
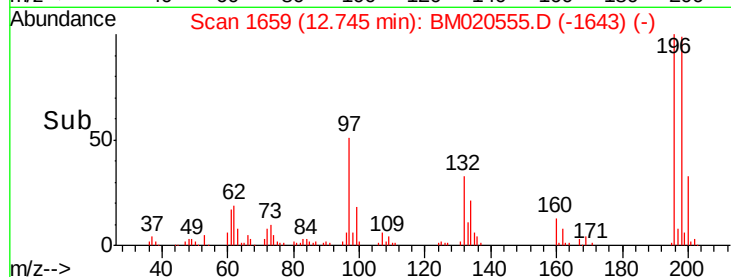
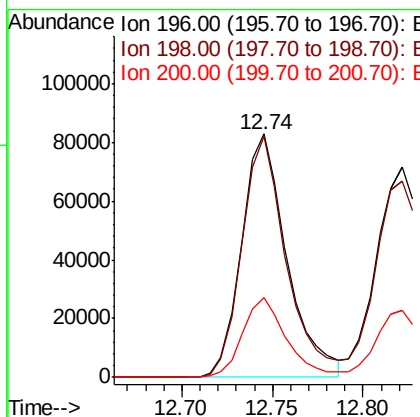
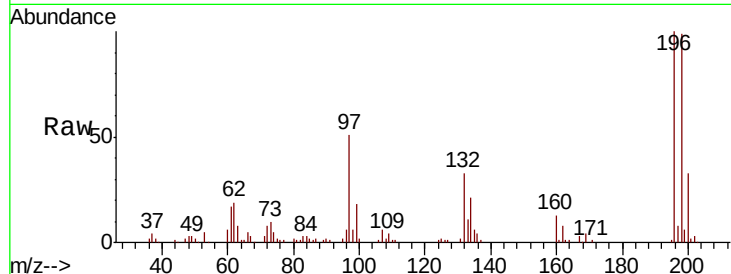
#43
 2,4,6-Trichlorophenol
 Concen: 38.001 ng
 RT: 12.74 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144509		
198	99.1	76.4	114.6	
200	32.7	25.0	37.4	

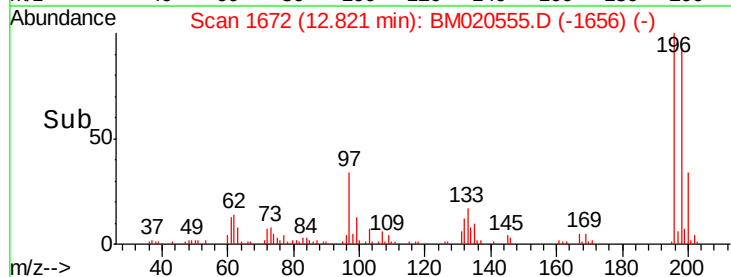
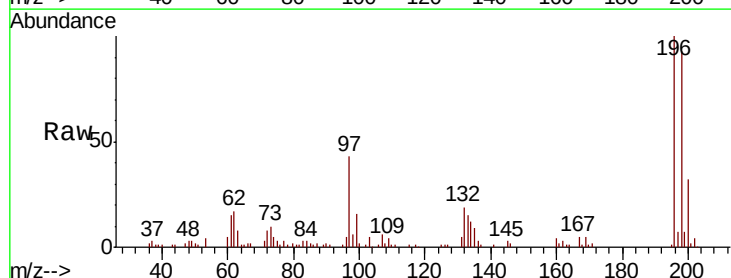
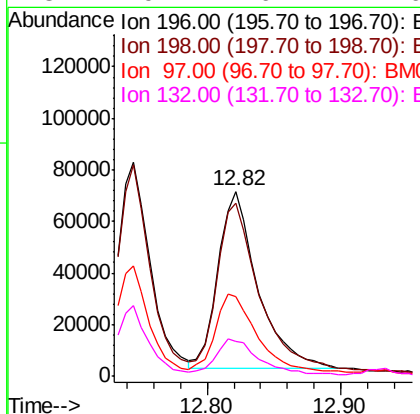
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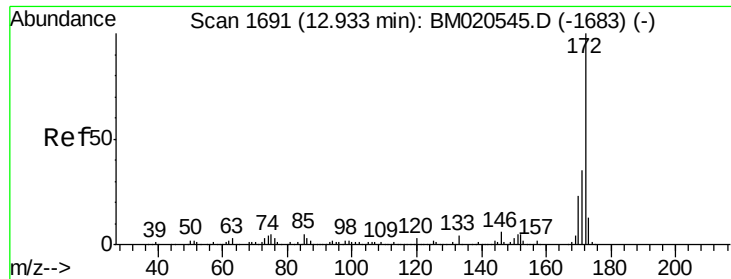
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.189 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142718		
198	93.3	77.6	116.4	
97	42.8	35.4	53.0	
132	19.1	16.4	24.6	





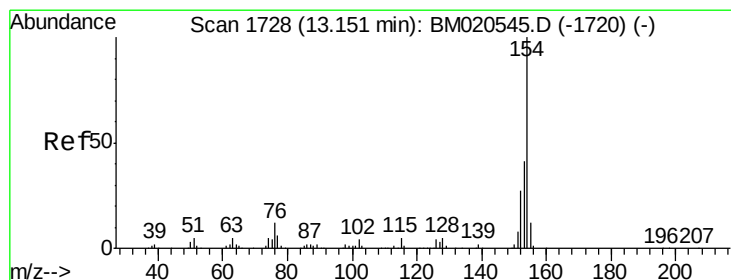
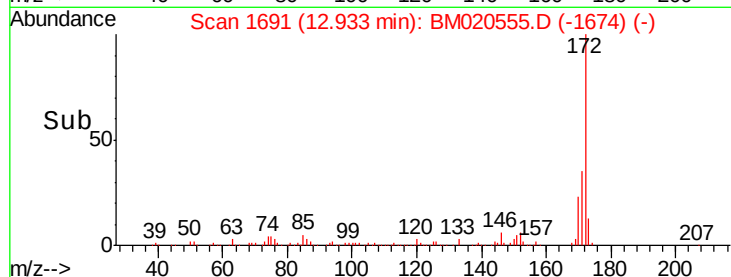
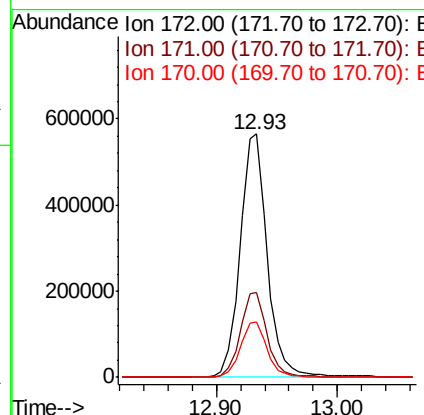
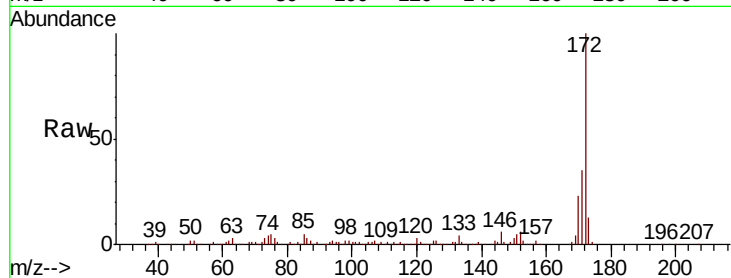
#45
2-Fluorobiphenyl
Concen: 75.998 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	22.9	18.2	27.4

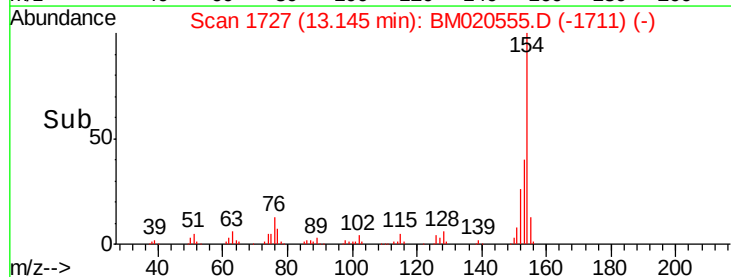
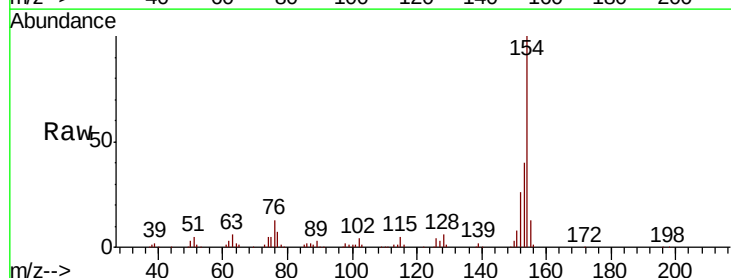
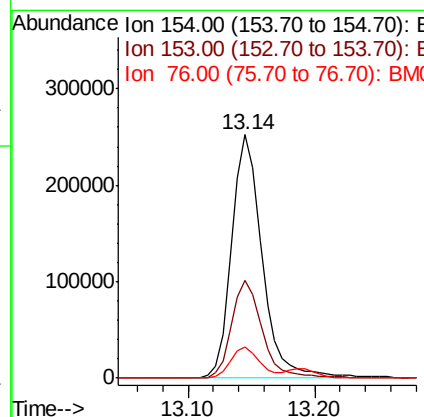
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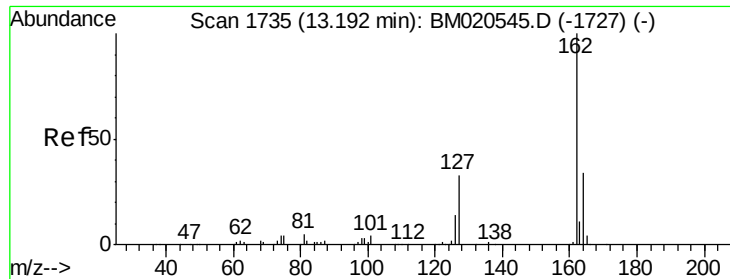
mohammad
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#46
1,1'-Biphenyl
Concen: 37.215 ng
RT: 13.14 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	12.6	0.0	32.2





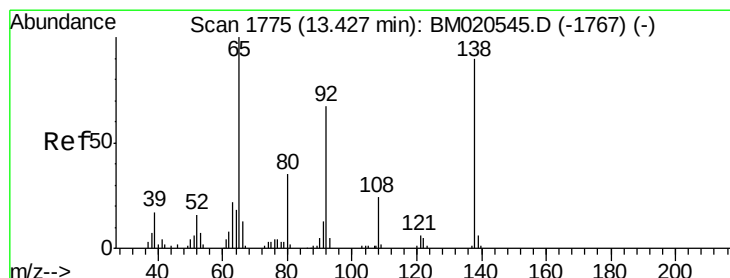
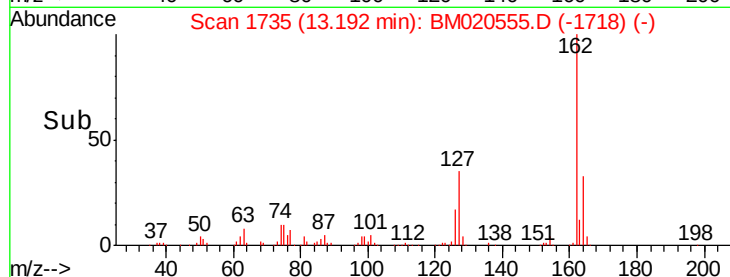
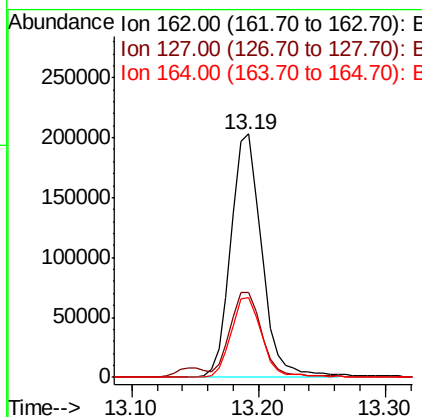
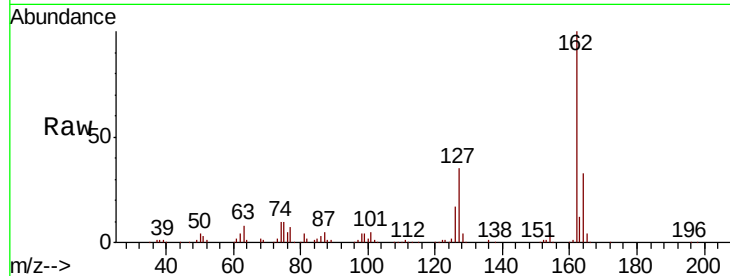
#47
2-Chloronaphthalene
Concen: 36.014 ng
RT: 13.19 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampled :
PB119999BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.9	29.2	43.8
164	33.0	27.4	41.2

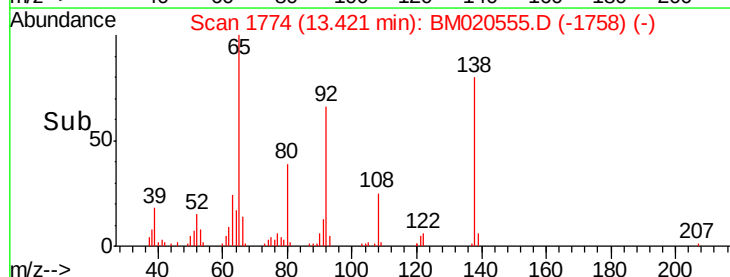
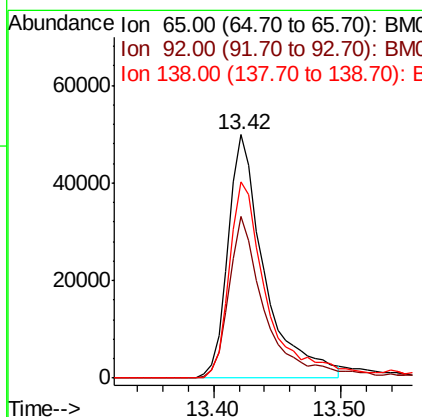
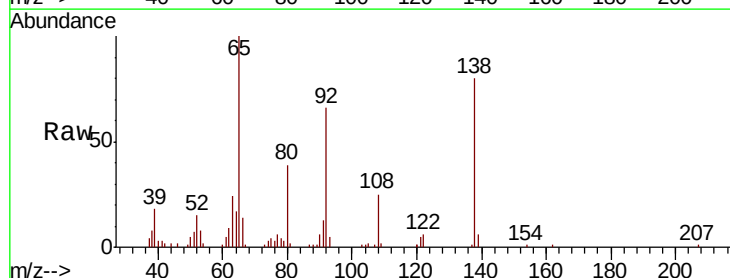
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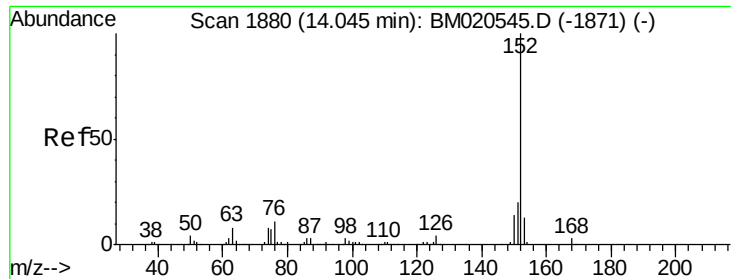
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#48
2-Nitroaniline
Concen: 34.947 ng
RT: 13.42 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.6	80.4
138	80.4	72.0	108.0





#49

Acenaphthylene

Concen: 38.519 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

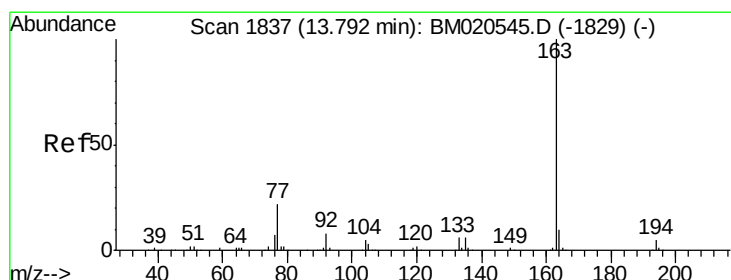
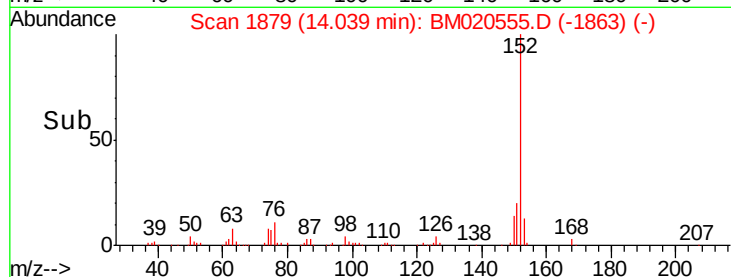
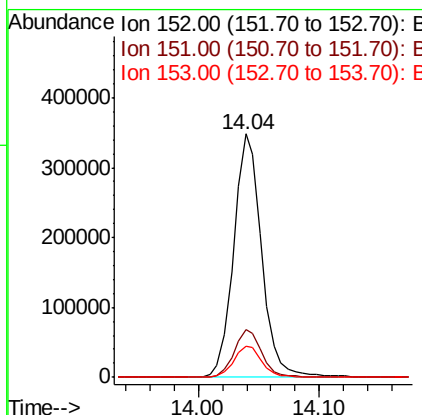
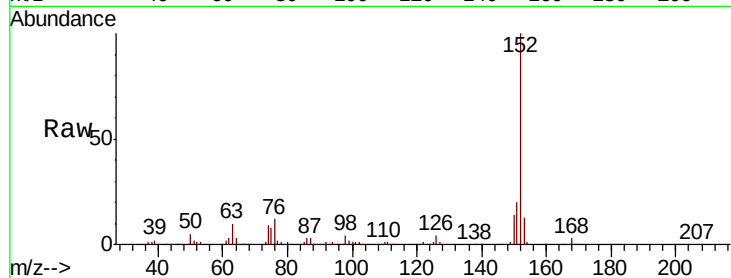
ClientSampleId :

PB119999BS

Tot Ion:	152	Resp:	559054
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.7	23.5
153	13.0	10.2	15.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.741 ng

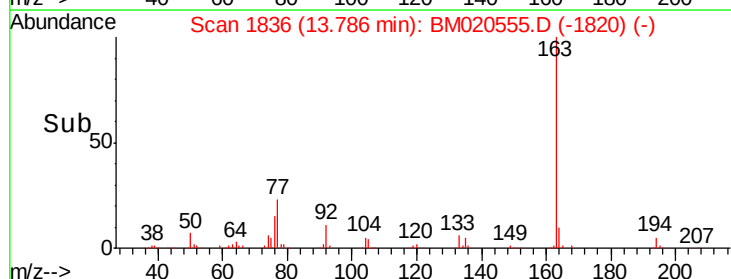
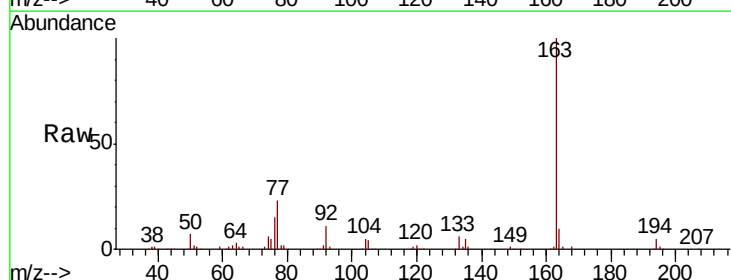
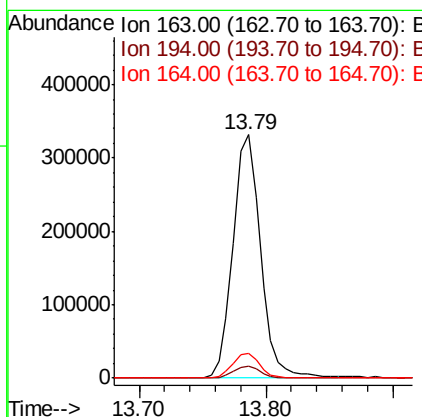
RT: 13.79 min Scan# 1836

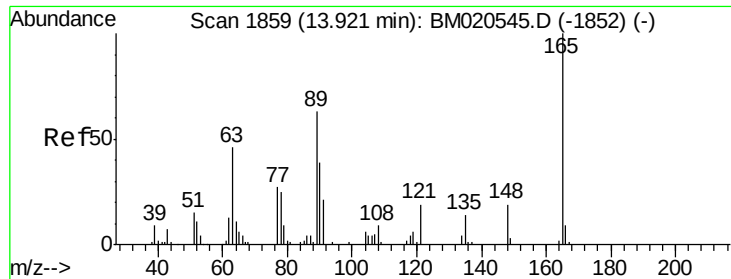
Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	163	Resp:	501613
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.9	5.9
164	10.1	8.0	12.0





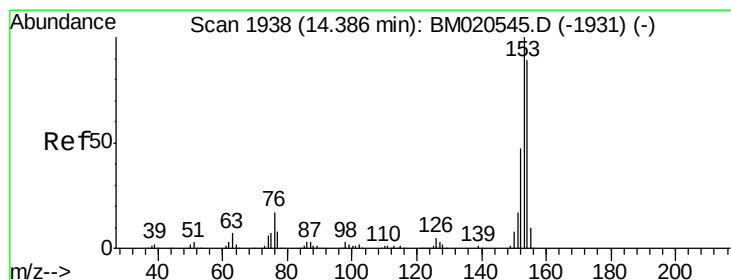
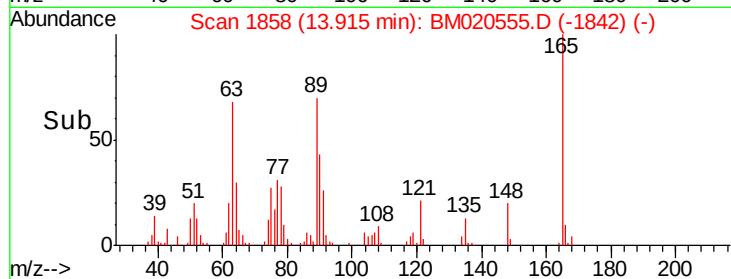
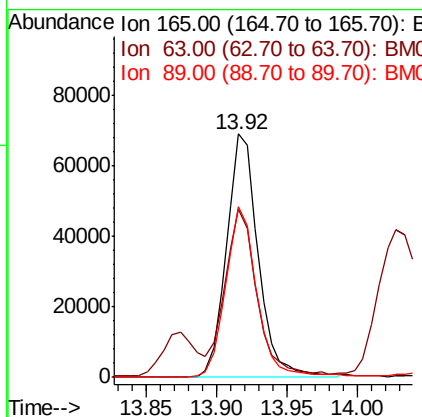
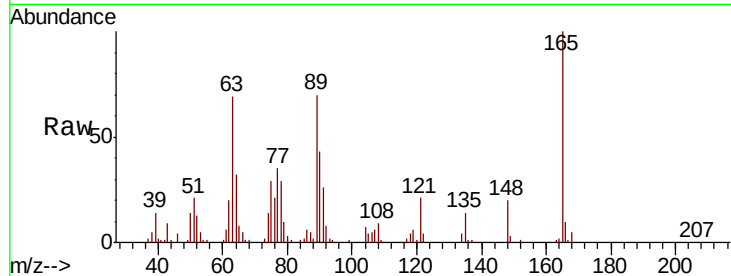
#51
 2,6-Dinitrotoluene
 Concen: 40.069 ng
 RT: 13.92 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	108132		
63	69.2	49.6	74.4	
89	70.1	50.8	76.2	

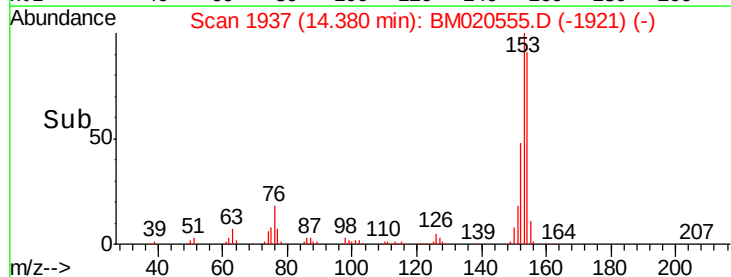
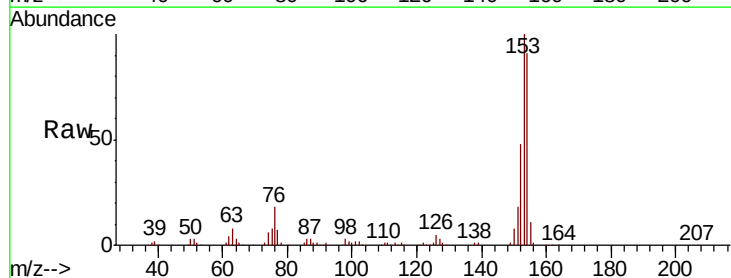
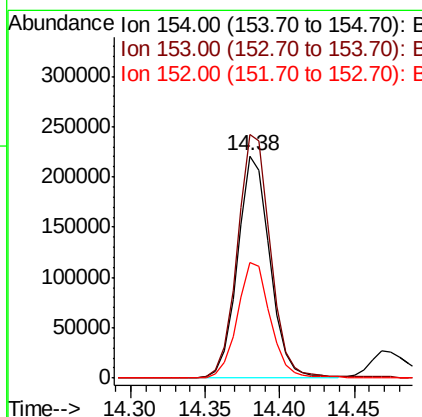
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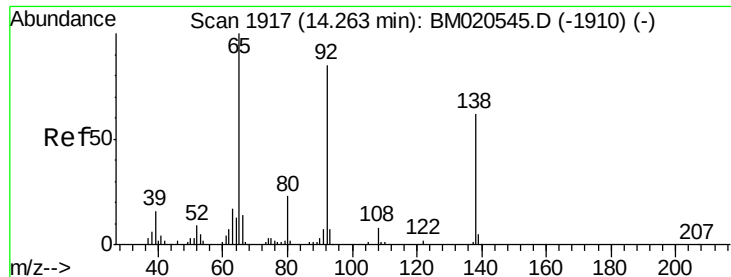
mohammad
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#52
 Acenaphthene
 Concen: 38.029 ng
 RT: 14.38 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	332611		
153	109.5	90.2	135.4	
152	52.2	42.0	63.0	





#53

3-Nitroaniline

Concen: 22.810 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

ClientSampleId :

PB119999BS

Tot Ion:138 Resp: 46892

Ion Ratio Lower Upper

138 100

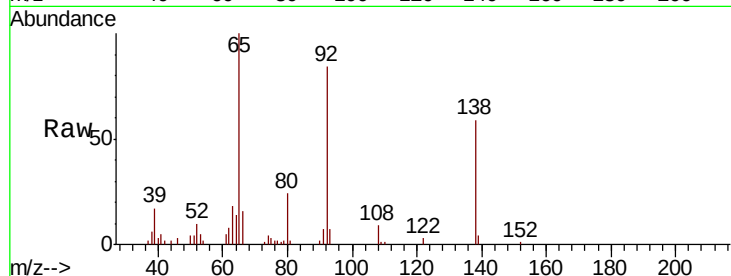
108 15.5 10.1 15.1#

92 142.4 109.5 164.3

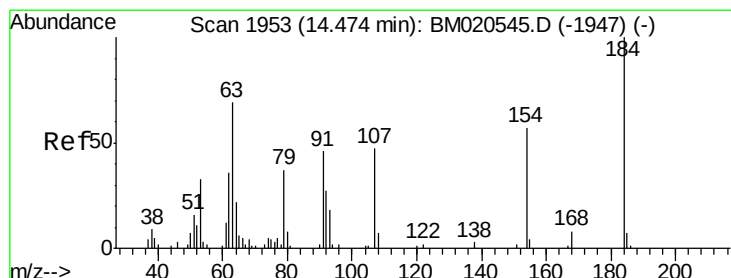
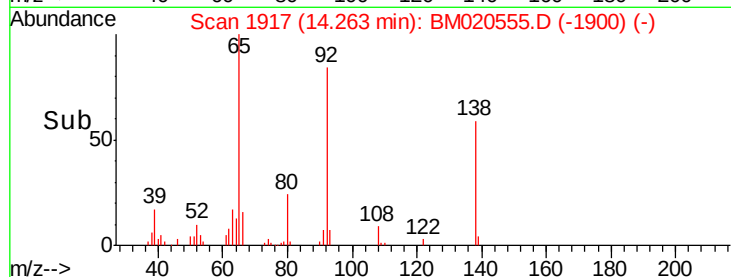
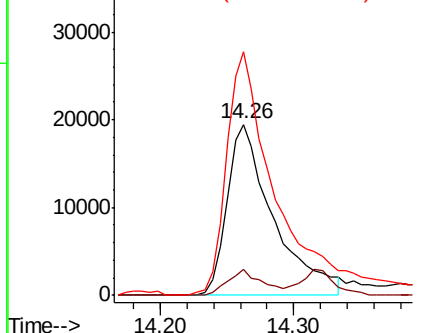
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 53.272 ng

RT: 14.47 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

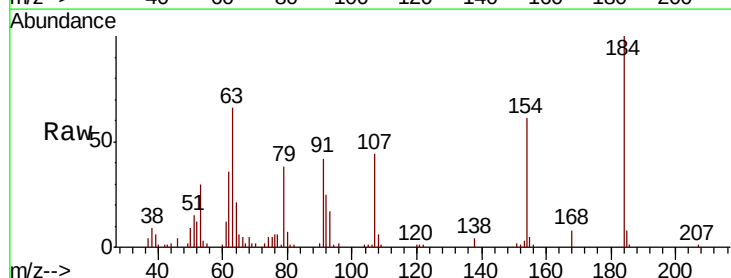
Tgt Ion:184 Resp: 86198

Ion Ratio Lower Upper

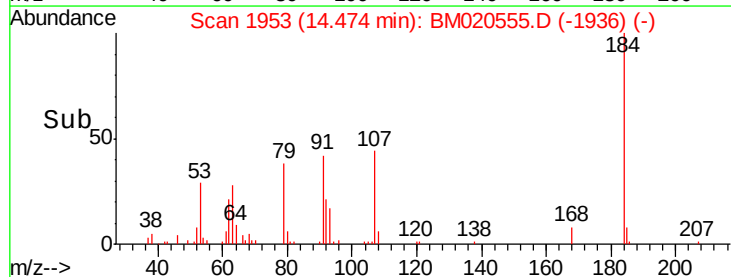
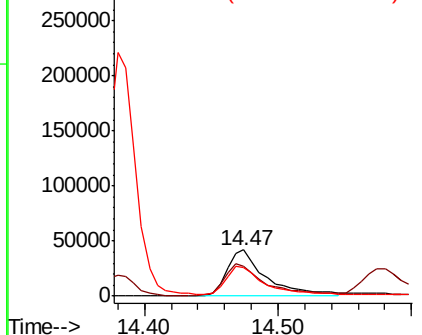
184 100

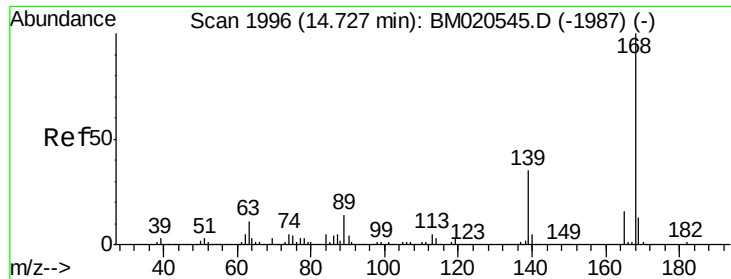
63 65.8 56.3 84.5

154 61.4 49.0 73.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





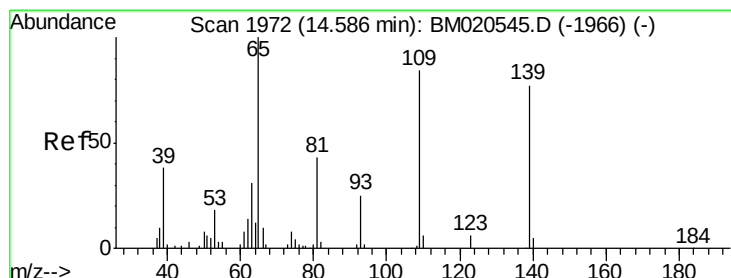
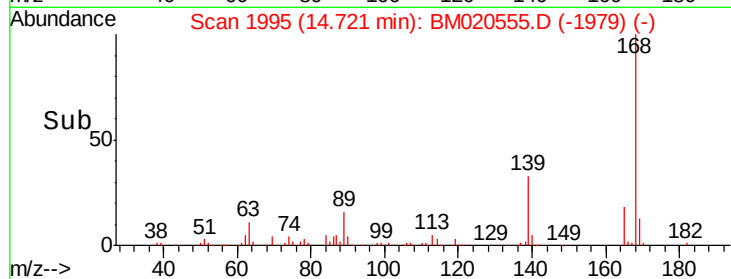
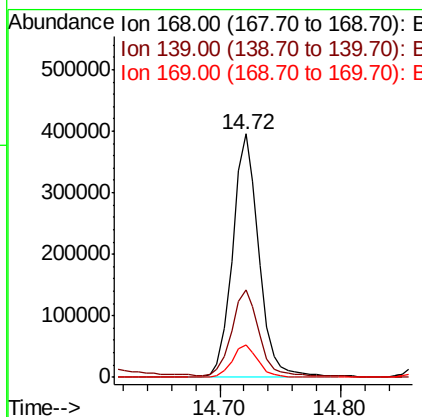
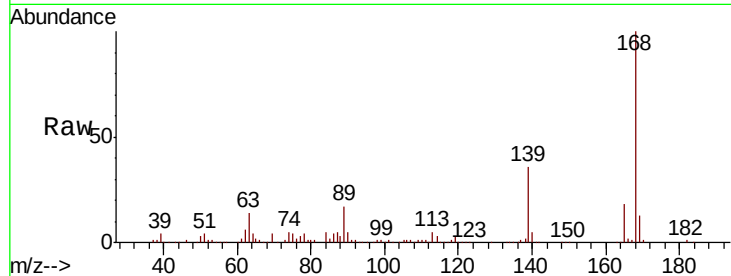
#55
Dibenzenofuran
Concen: 39.761 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampled :
PB119999BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.2	42.4
169	13.2	10.6	16.0

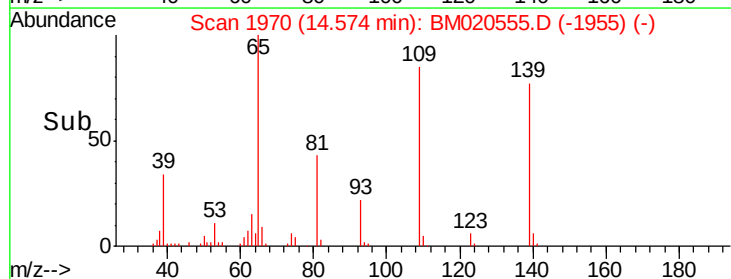
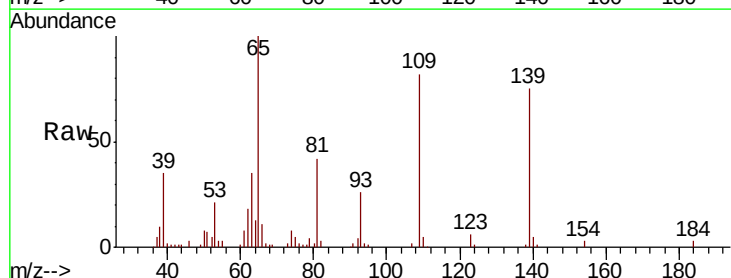
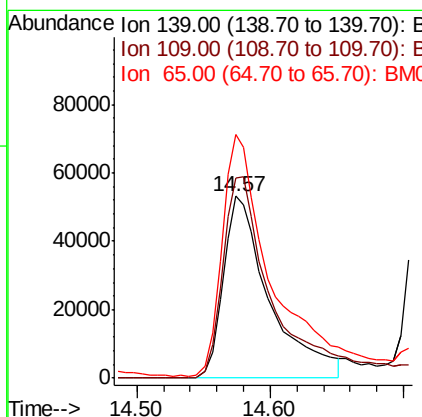
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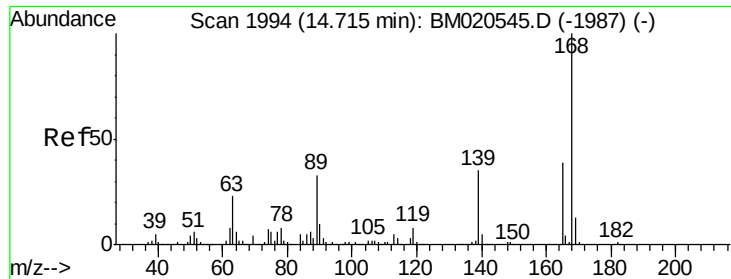
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#56
4-Nitrophenol
Concen: 73.035 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.2	89.4	129.4
65	133.8	113.3	153.3





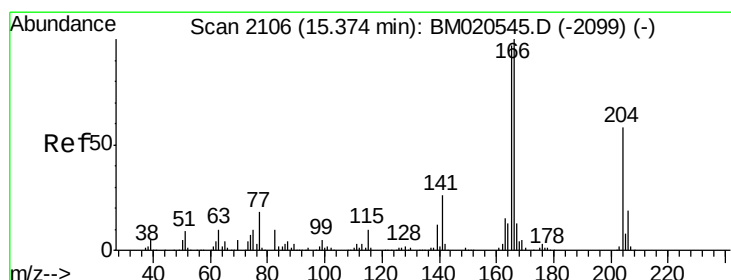
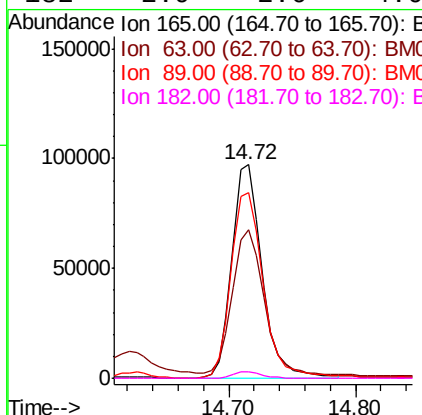
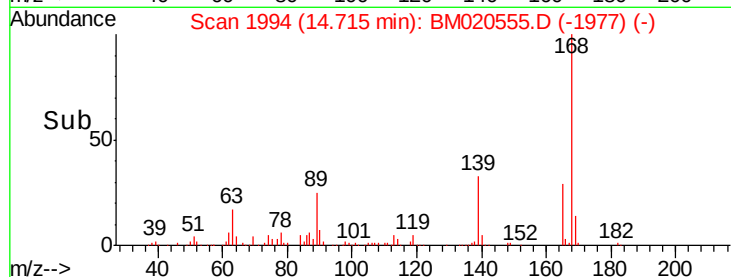
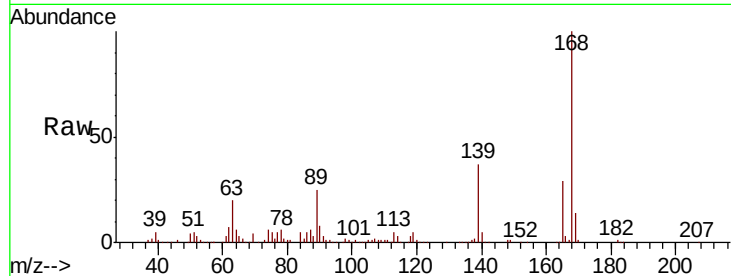
#57
2,4-Dinitrotoluene
Concen: 41.314 ng
RT: 14.72 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	160999		
63	69.7		48.7	73.1
89	87.2		68.8	103.2
182	2.9		2.6	4.0

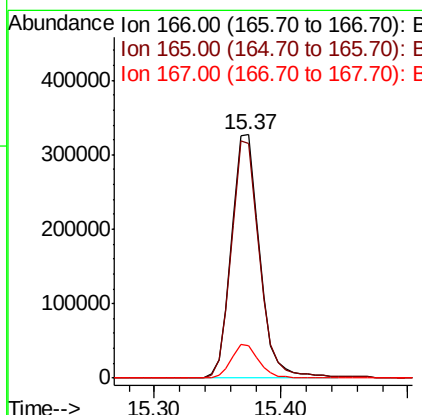
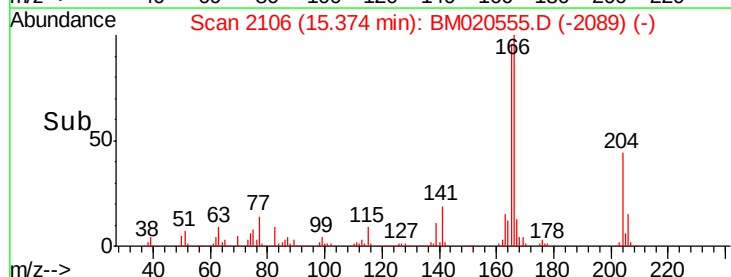
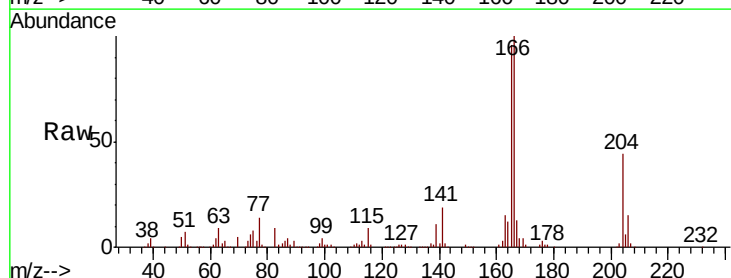
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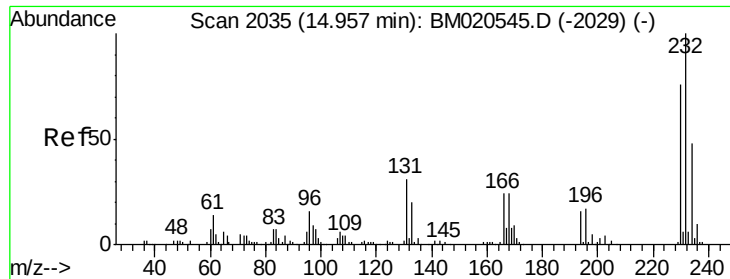
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#58
Fluorene
Concen: 39.874 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	501311		
165	96.5		77.4	116.0
167	13.2		10.6	16.0





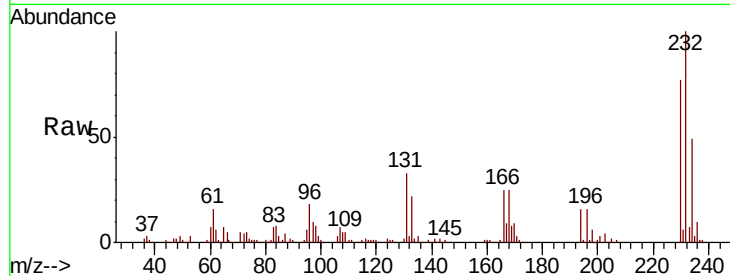
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.906 ng
RT: 14.95 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

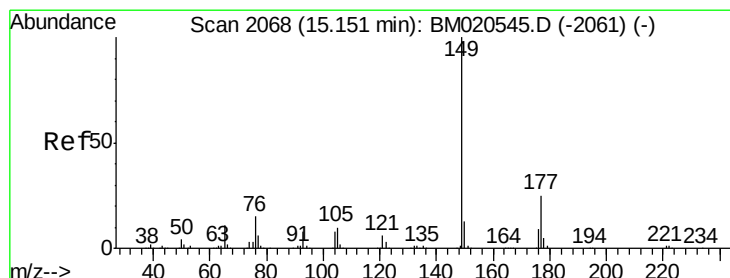
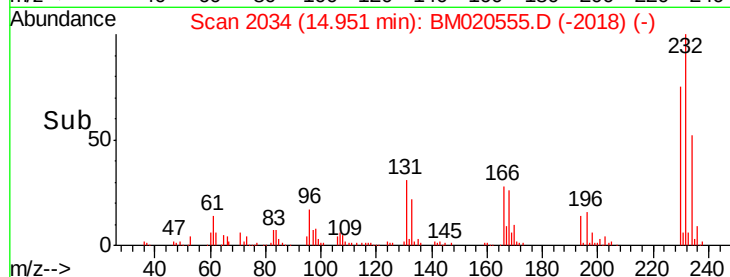
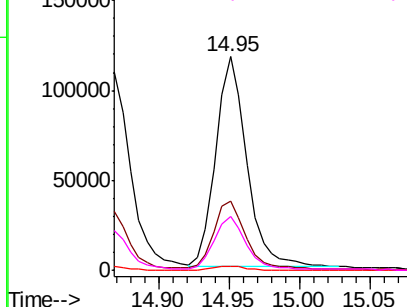
Tot Ion:	232	Resp:	177294
Ion Ratio	Lower	Upper	
232	100		
131	33.3	25.4	38.0
130	1.9	1.5	2.3
166	25.9	19.7	29.5

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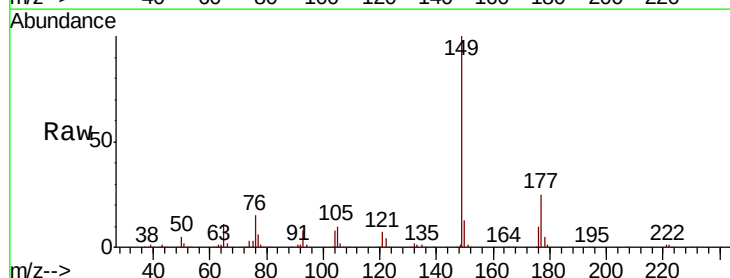


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

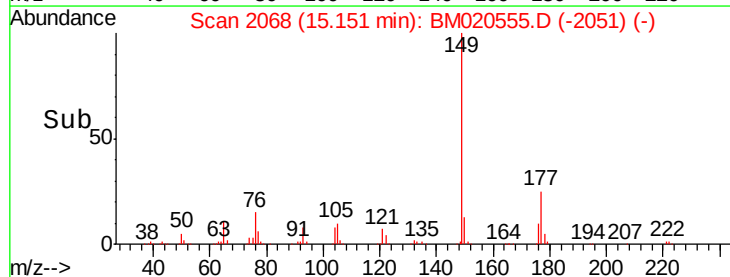
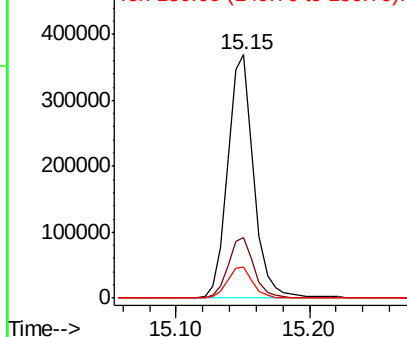


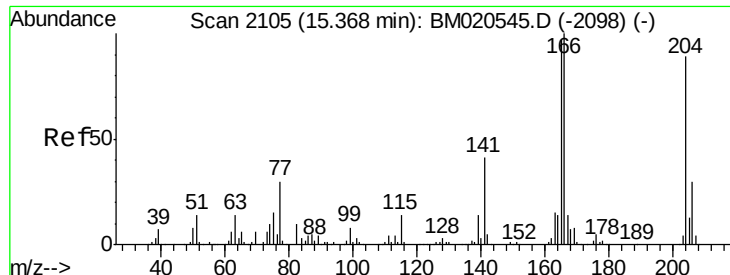
#60
Diethylphthalate
Concen: 39.585 ng
RT: 15.15 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion:	149	Resp:	504986
Ion Ratio	Lower	Upper	
149	100		
177	24.9	19.8	29.8
150	13.0	10.2	15.2



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





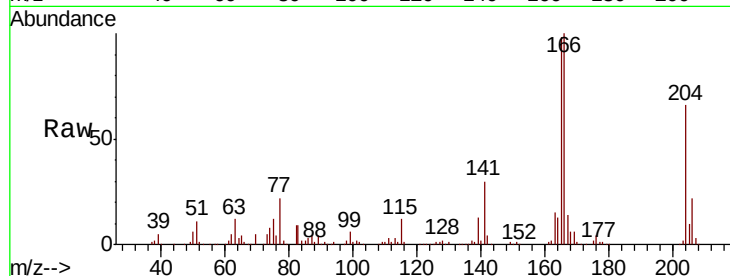
#61
4-Chlorophenyl-phenylether
Concen: 39.161 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampled :
PB119999BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	40.0
141	46.0	36.9	55.3

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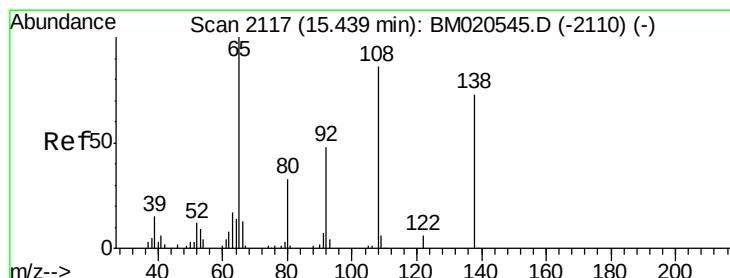
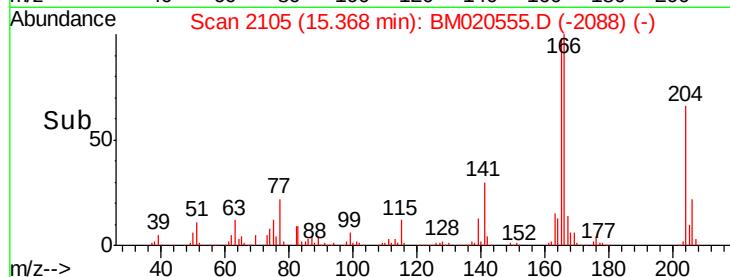
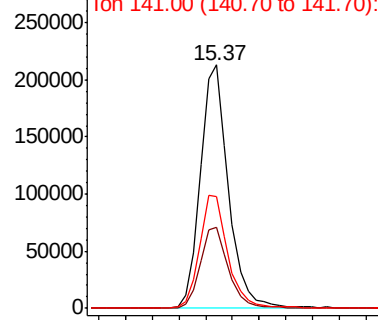


Abundance

Ion 204.00 (203.70 to 204.70): E

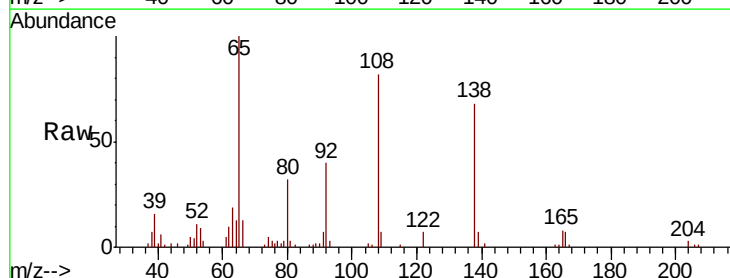
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.397 ng
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	44.5	84.5
108	120.5	95.9	135.9

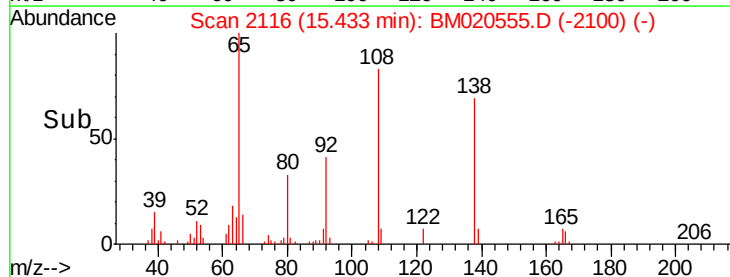
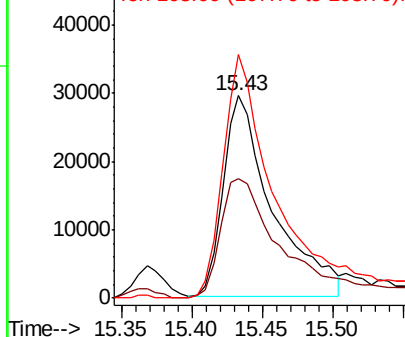


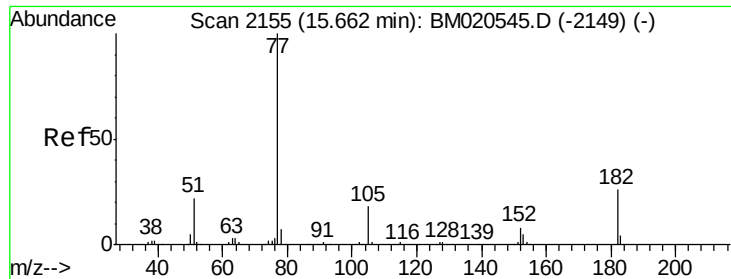
Abundance

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





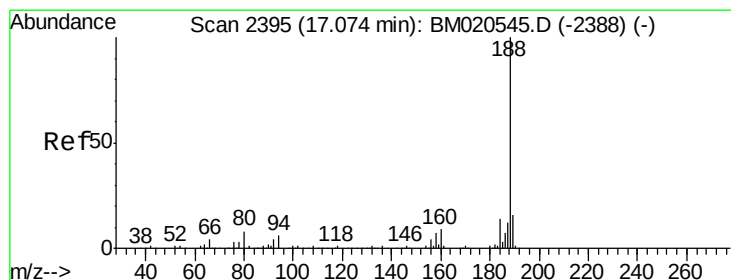
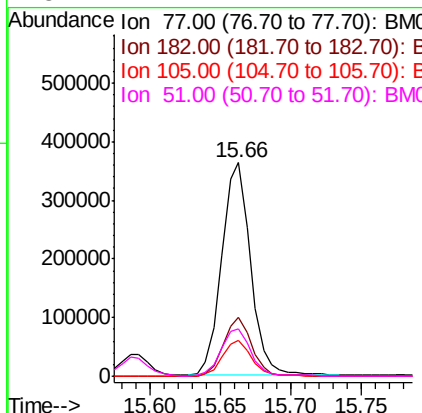
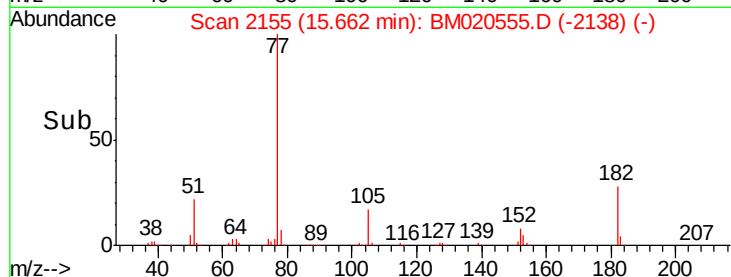
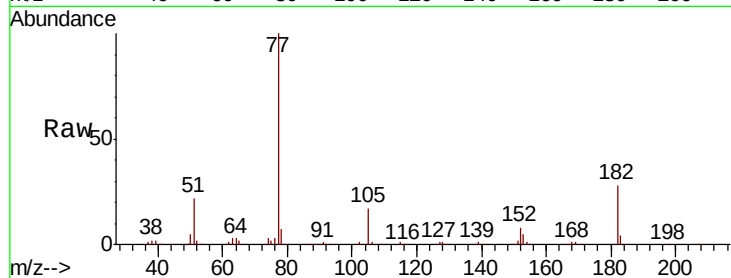
#63
Azobenzene
Concen: 41.674 ng
RT: 15.66 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampled :
PB119999BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	5.7	45.7	
105	16.7	0.0	37.6	
51	22.2	1.7	41.7	

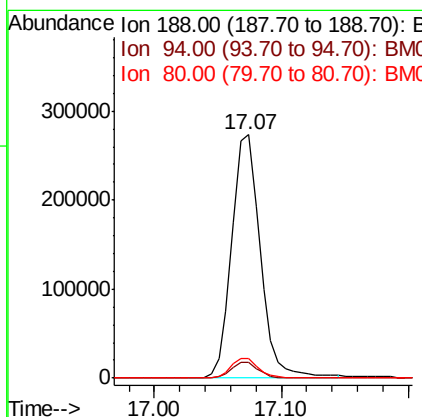
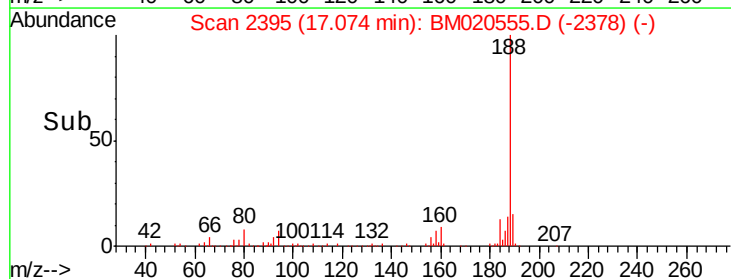
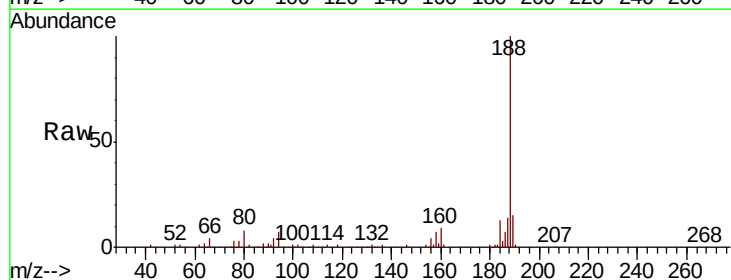
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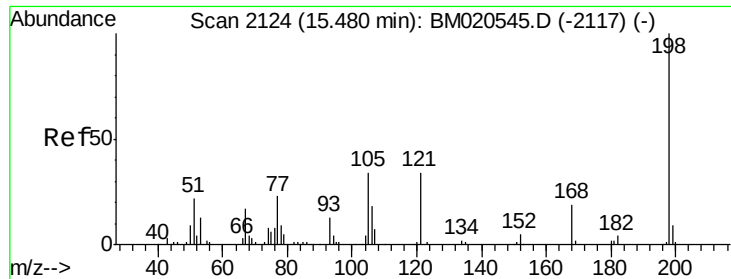
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	5.0	7.4	
80	8.1	6.5	9.7	





#65

4,6-Dinitro-2-methylphenol

Concen: 32.896 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

ClientSampleId :

PB119999BS

Tot Ion:198 Resp: 82897

Ion Ratio Lower Upper

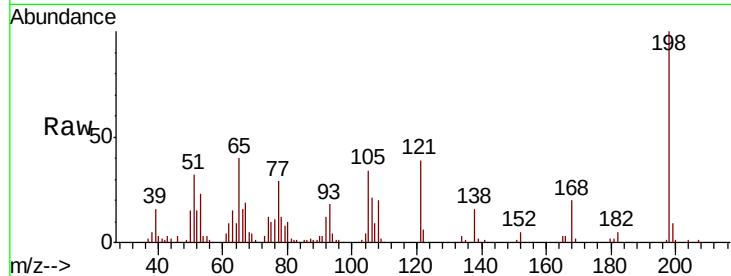
198 100

51 31.9 6.4 46.4

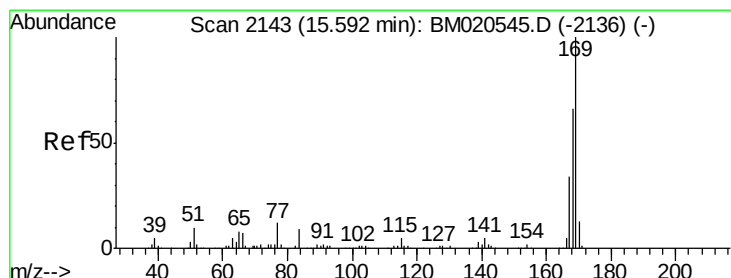
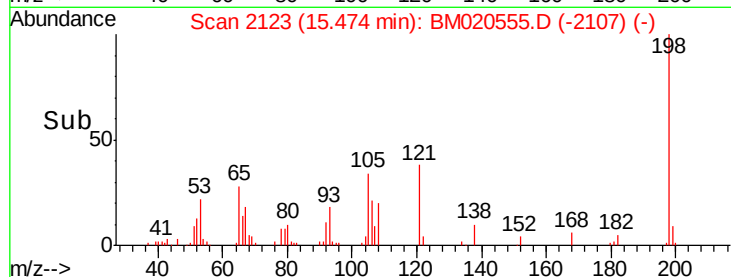
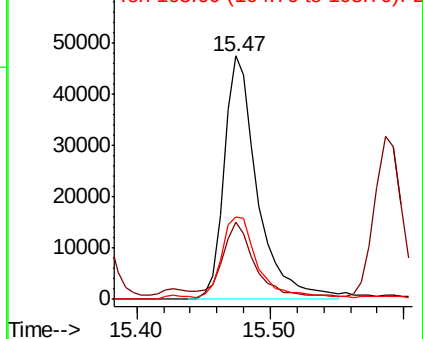
105 33.9 15.1 55.1

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.161 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

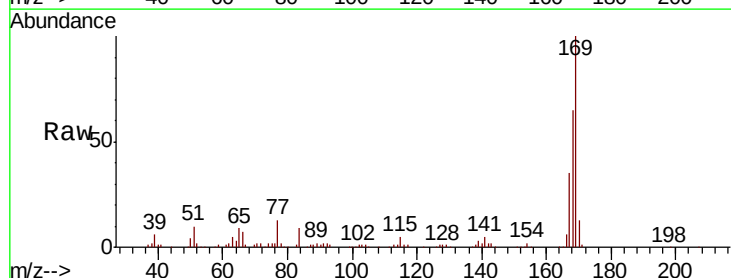
Tgt Ion:169 Resp: 454094

Ion Ratio Lower Upper

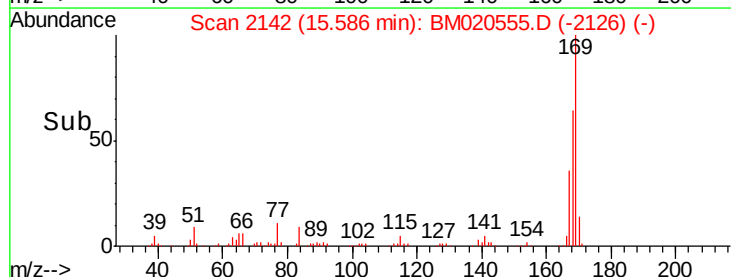
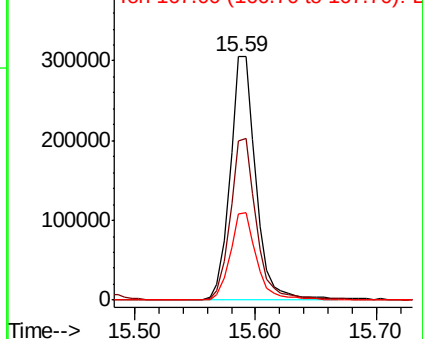
169 100

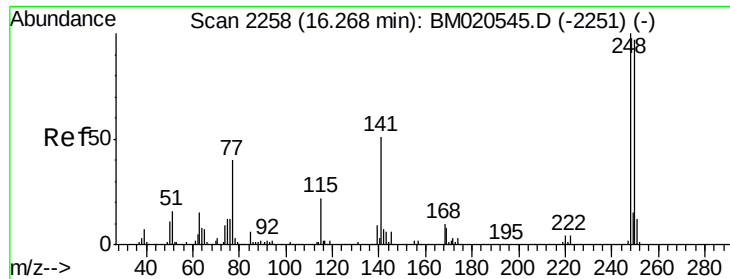
168 65.4 52.5 78.7

167 35.5 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





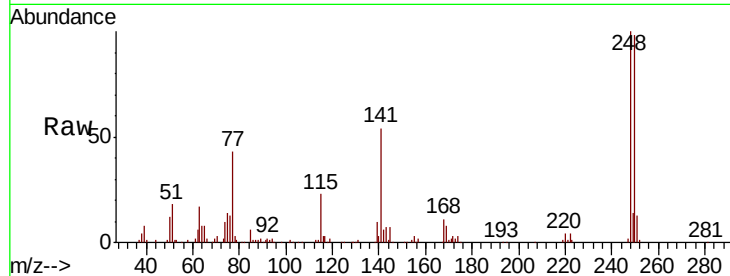
#67
 4-Bromophenyl-phenylether
 Concen: 37.422 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Instrument :
 BNA_M
 ClientSampled :
 PB119999BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.8	116.6
141	54.1	41.0	61.6

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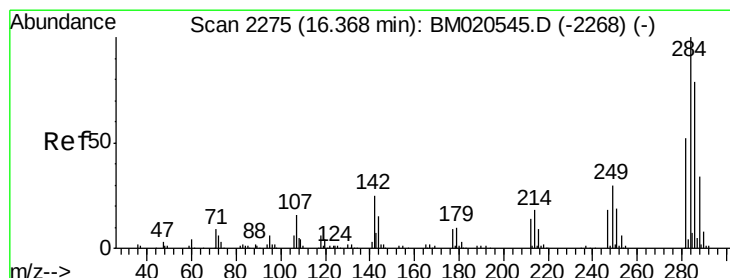
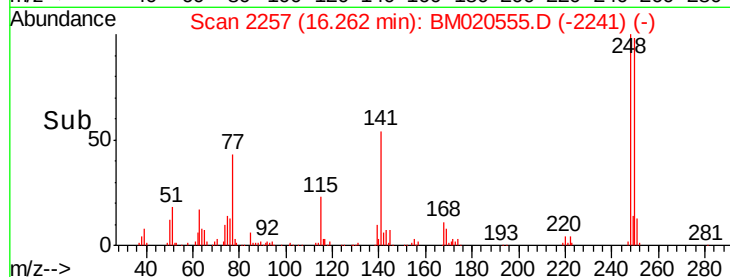
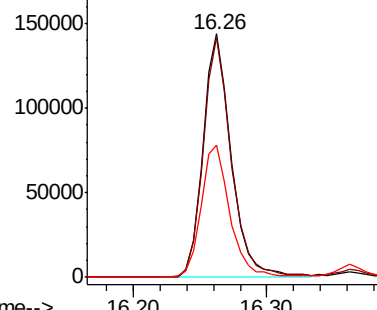


Abundance

Ion 248.00 (247.70 to 248.70): E

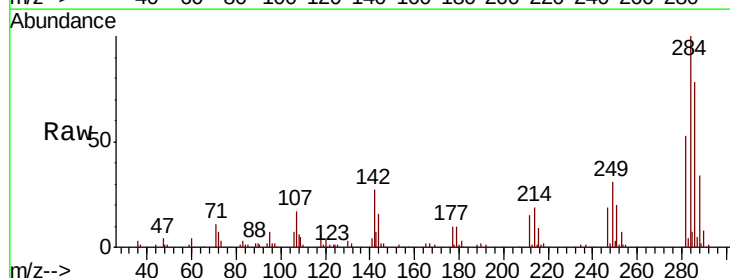
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.579 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	20.2	30.2
249	31.2	23.9	35.9

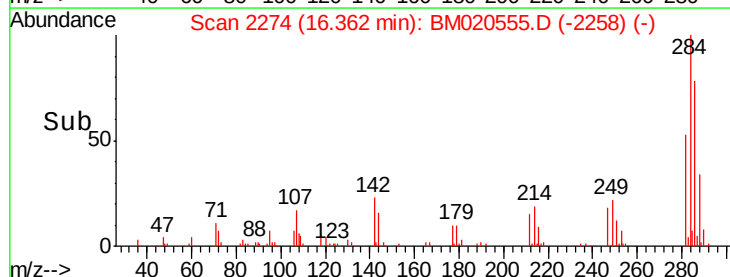
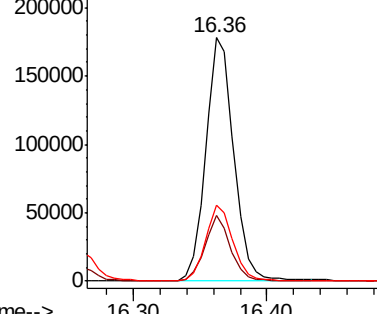


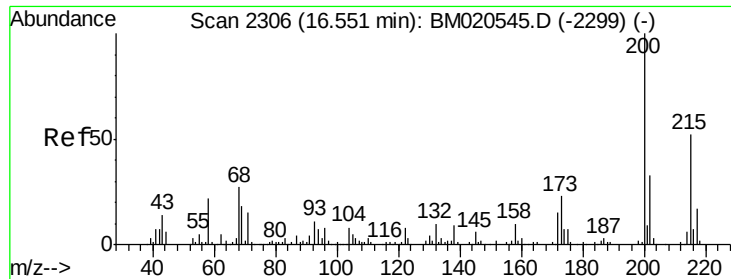
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





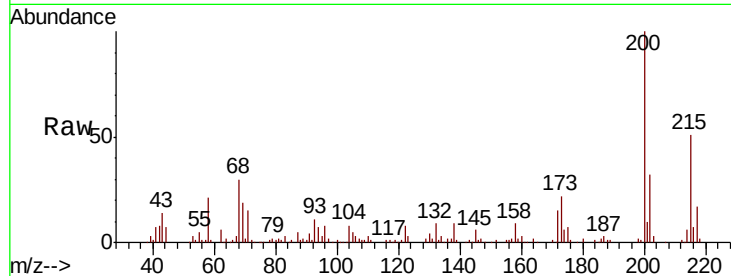
#69
 Atrazine
 Concen: 41.339 ng
 RT: 16.54 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119999BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	197219		
173	22.3	3.2	43.2	
215	51.4	31.7	71.7	

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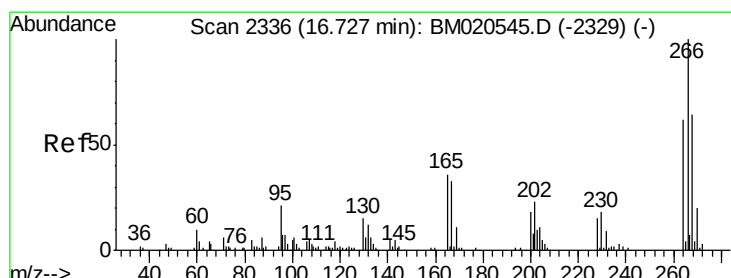
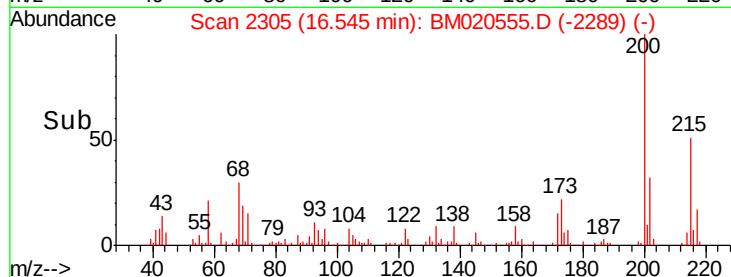
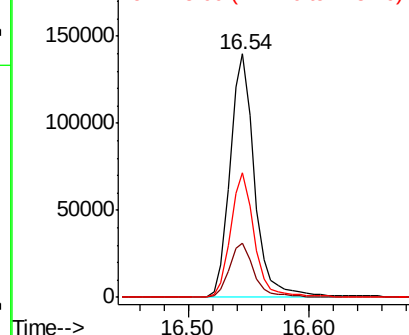


Abundance

Ion 200.00 (199.70 to 200.70): E

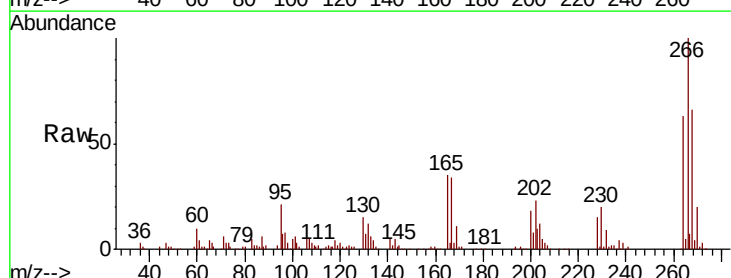
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 87.311 ng
 RT: 16.72 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BM020555.D
 Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	311512		
268	66.3	51.0	76.4	
264	63.0	49.8	74.8	

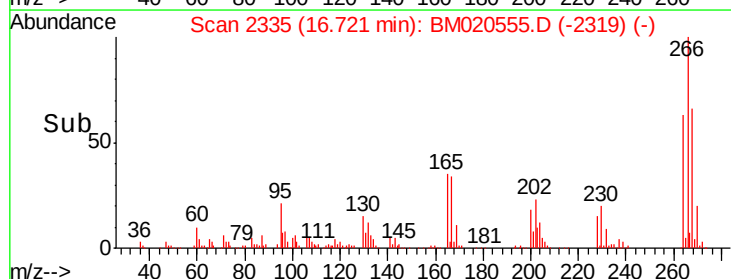
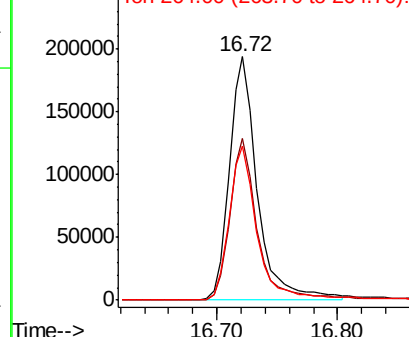


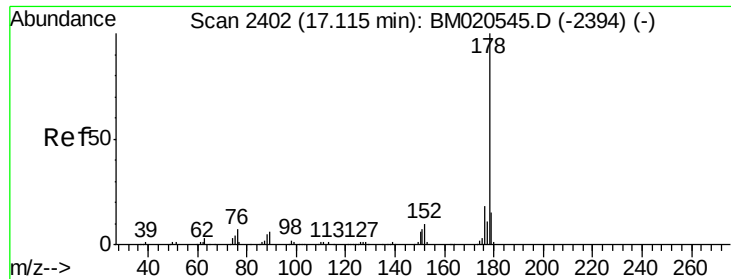
Abundance

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: 38.988 ng

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

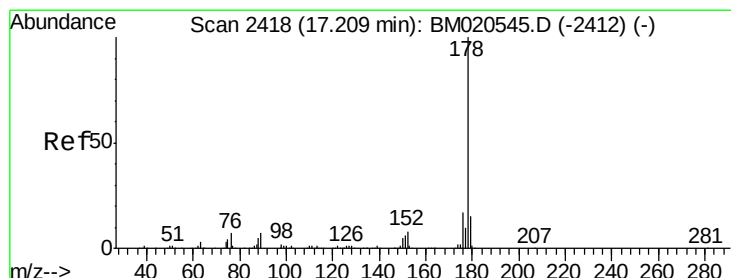
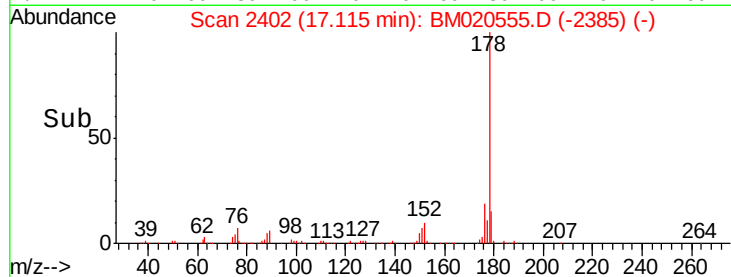
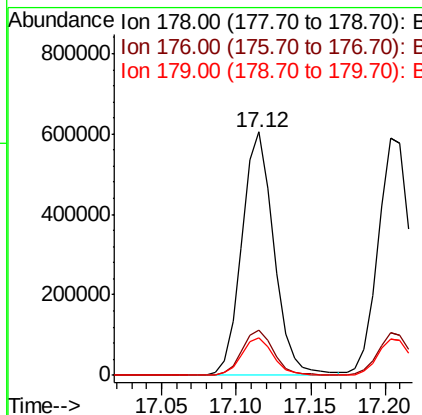
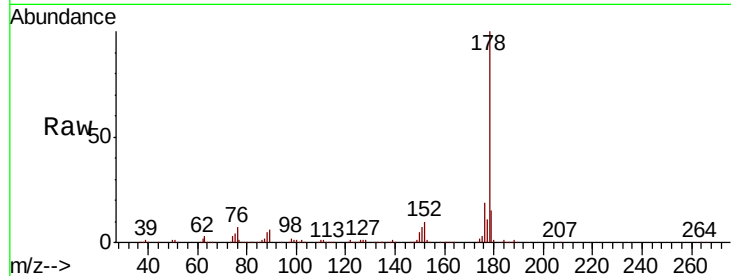
ClientSampleId :

PB119999BS

Tot Ion:178	Resp:	905774
Ion Ratio	Lower	Upper
178	100	
176	18.5	14.7 22.1
179	15.5	12.2 18.2

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#72

Anthracene

Concen: 39.657 ng

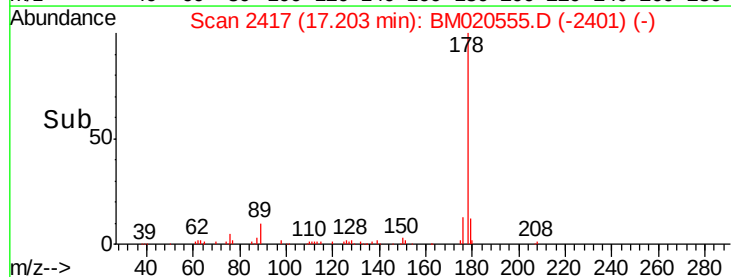
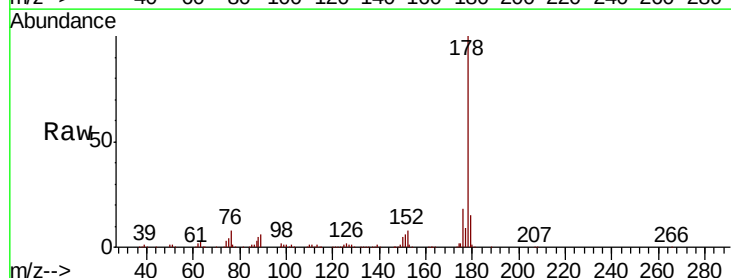
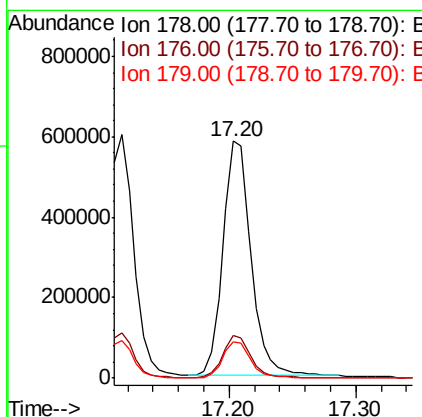
RT: 17.20 min Scan# 2417

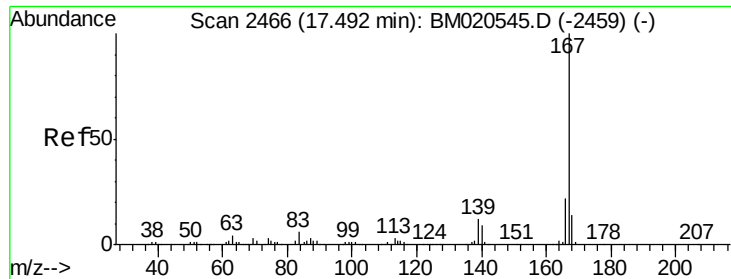
Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:178	Resp:	893456
Ion Ratio	Lower	Upper
178	100	
176	18.0	14.0 21.0
179	15.4	12.4 18.6





#73

Carbazole

Concen: 39.769 ng

RT: 17.49 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

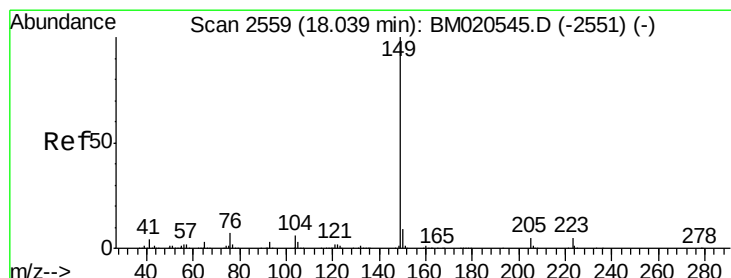
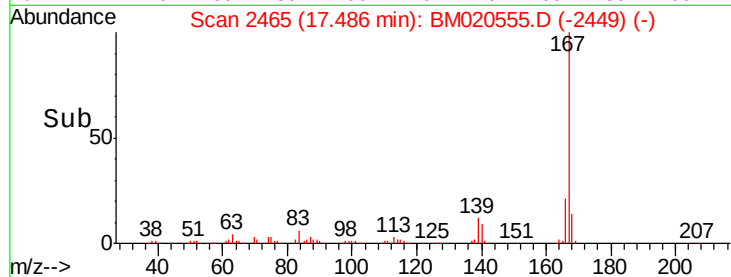
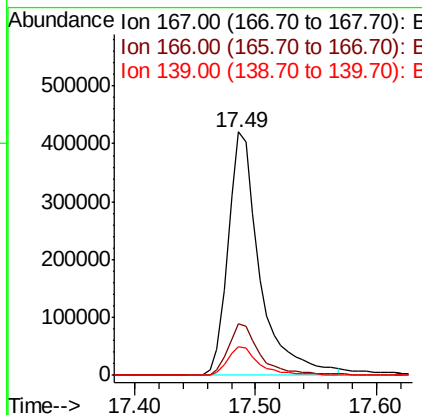
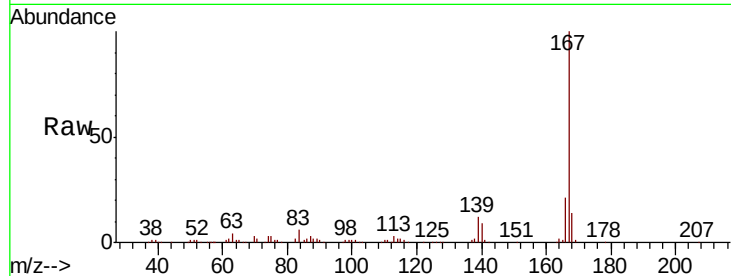
ClientSampled :

PB119999BS

Tot Ion:	167	Resp:	768936
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.4	26.0
139	11.8	9.3	13.9

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#74

Di-n-butylphthalate

Concen: 38.887 ng

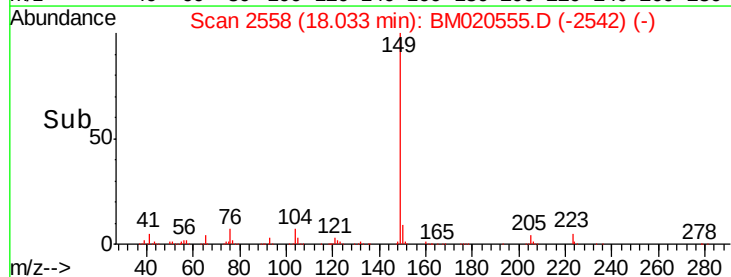
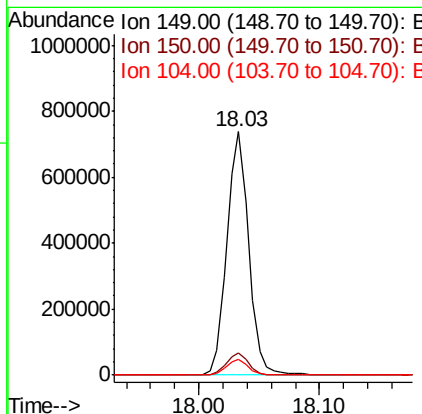
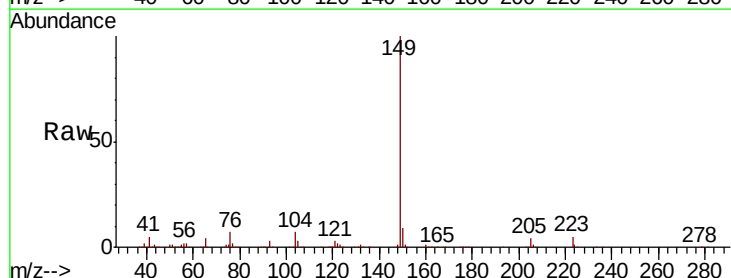
RT: 18.03 min Scan# 2558

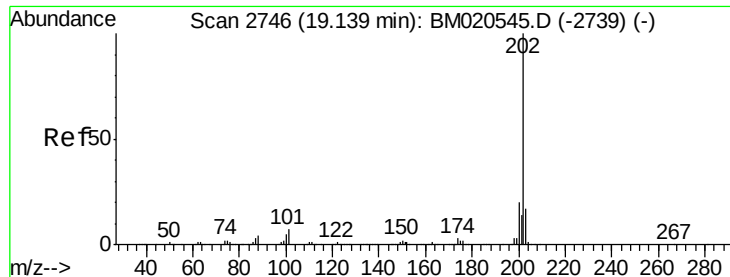
Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	149	Resp:	924907
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.3	10.9
104	6.6	5.0	7.4





#75

Fluoranthene

Concen: 40.786 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

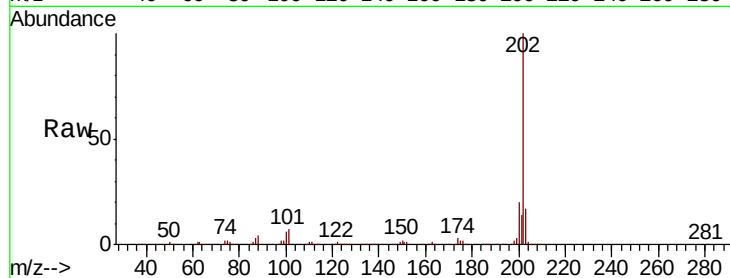
ClientSampleId :

PB119999BS

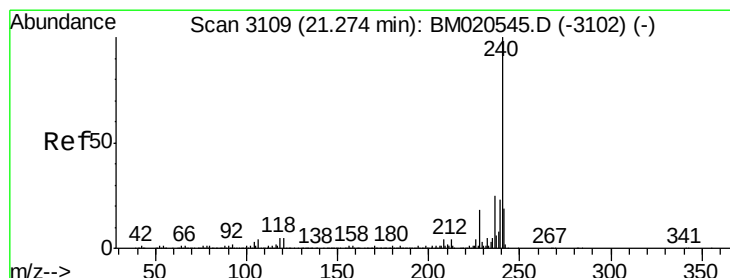
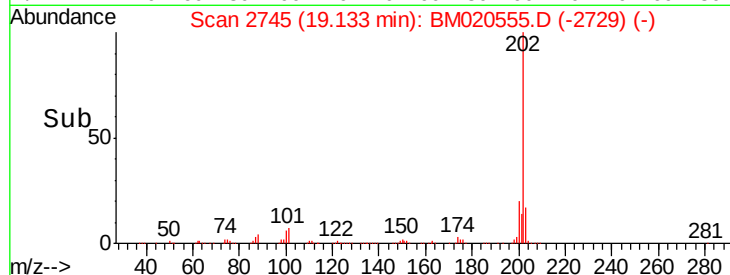
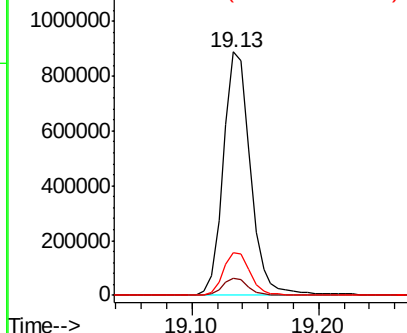
Tot Ion:	202	Resp:	1317641
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.7
203	17.5	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

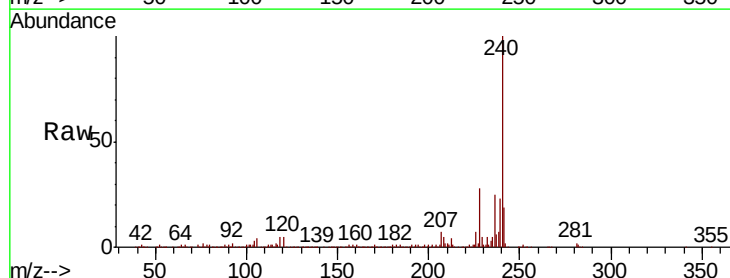
RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

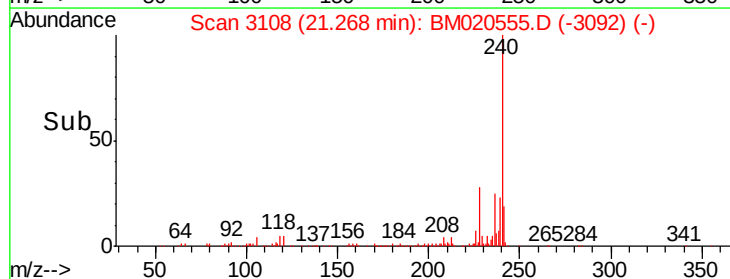
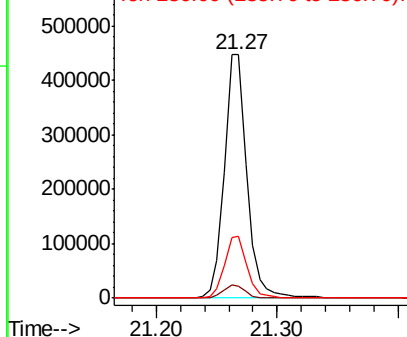
Lab File: BM020555.D

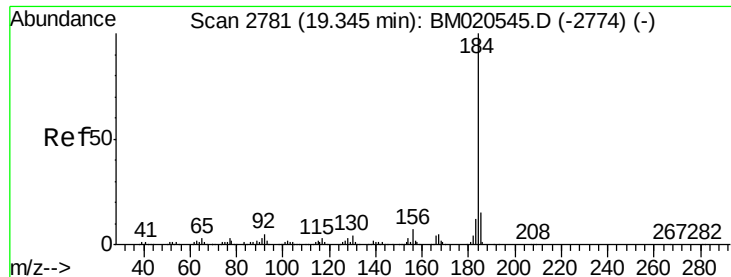
Acq: 24 May 2019 23:44

Tgt Ion:	240	Resp:	581497
Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.1	6.1
236	25.4	20.2	30.4



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





#77

Benzidine

Concen: 28.325 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

ClientSampleId :

PB119999BS

Tot Ion:184 Resp: 302695

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

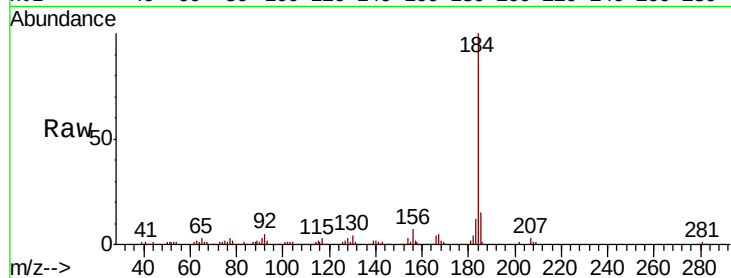
183 12.1 9.7 14.5

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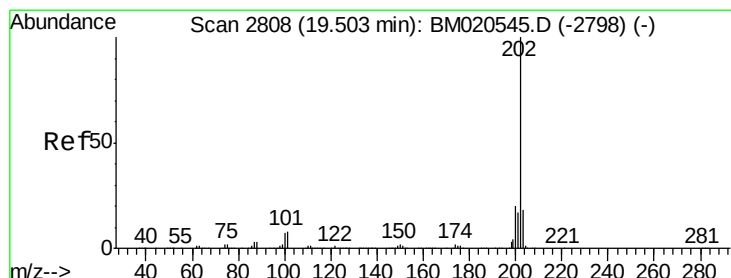
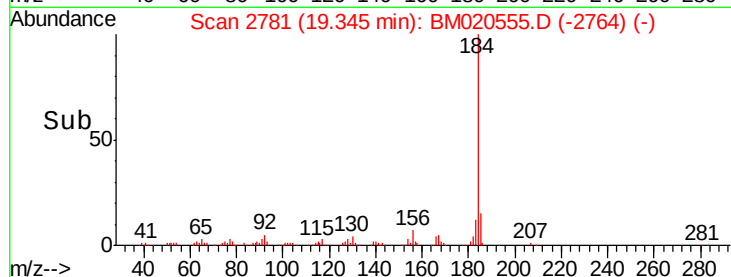
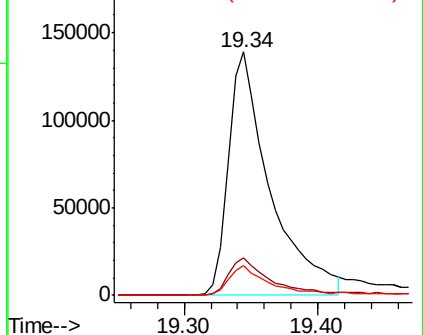
5/27/2019 4:00:08 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.634 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

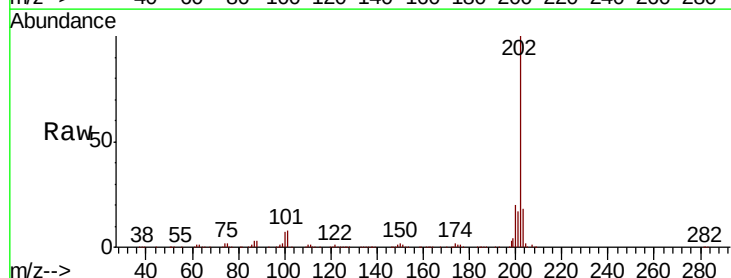
Tgt Ion:202 Resp: 1373891

Ion Ratio Lower Upper

202 100

200 20.4 16.0 24.0

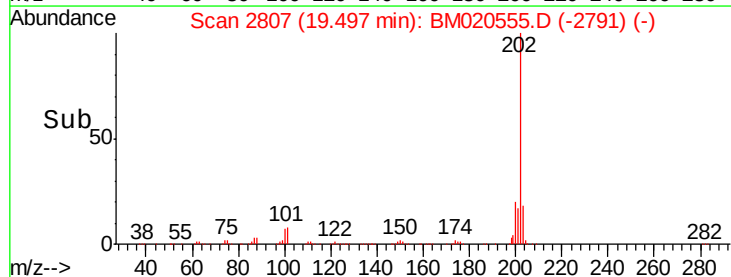
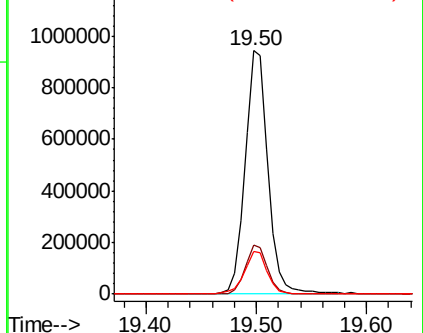
203 17.5 14.1 21.1

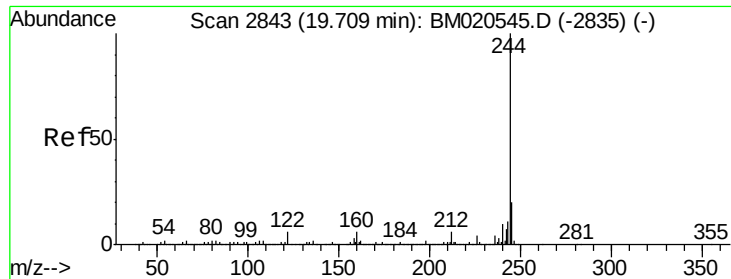


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.512 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

ClientSampleId :

PB119999BS

Tot Ion:244 Resp: 2428930

Ion Ratio Lower Upper

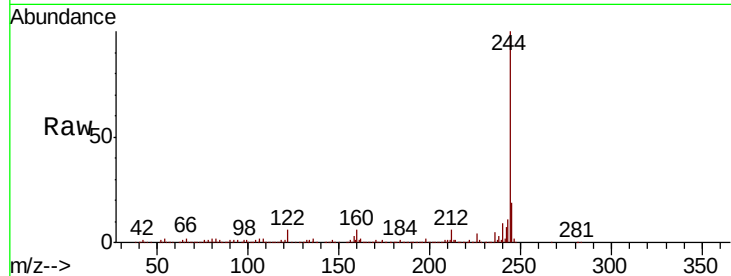
244 100

212 6.5 5.0 7.6

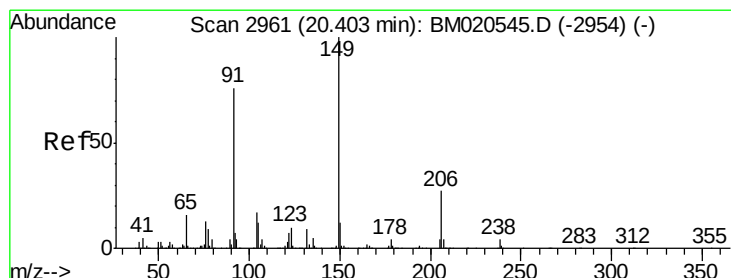
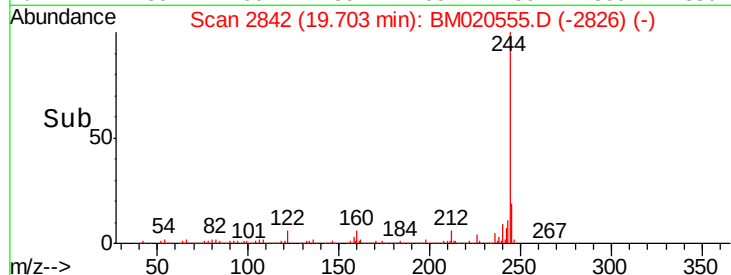
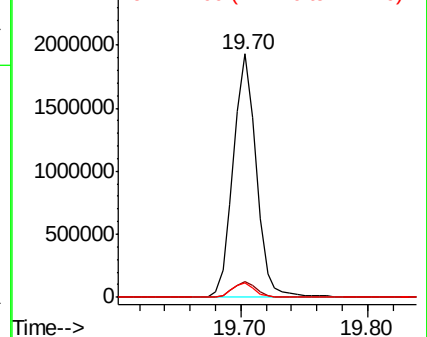
122 5.9 4.6 7.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.625 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

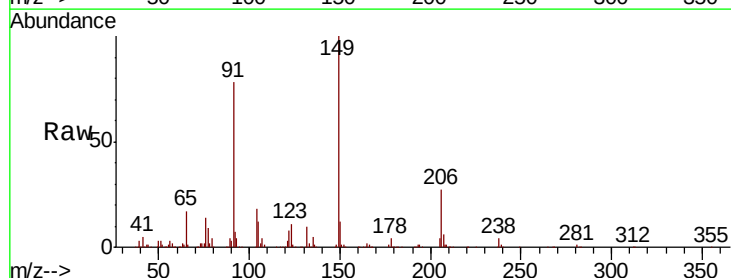
Tgt Ion:149 Resp: 469796

Ion Ratio Lower Upper

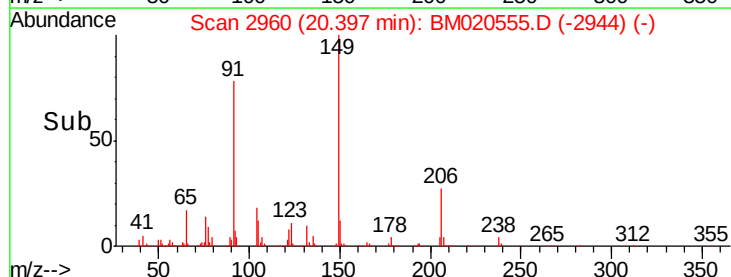
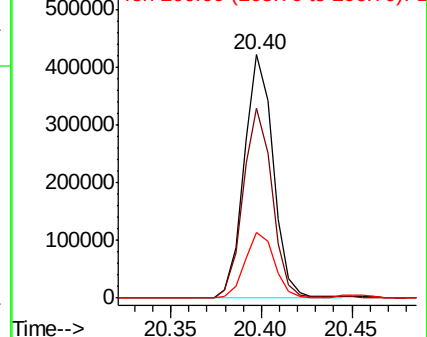
149 100

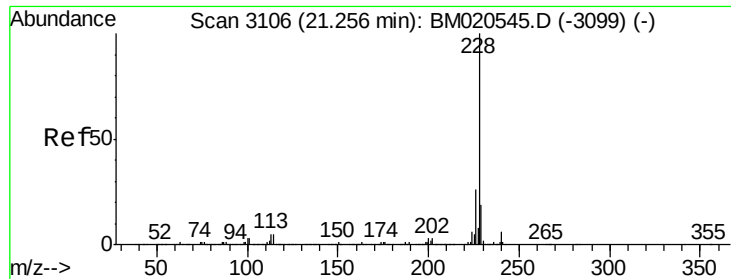
91 77.9 60.9 91.3

206 27.0 21.6 32.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





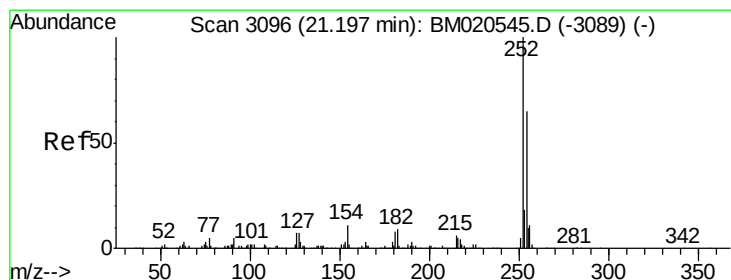
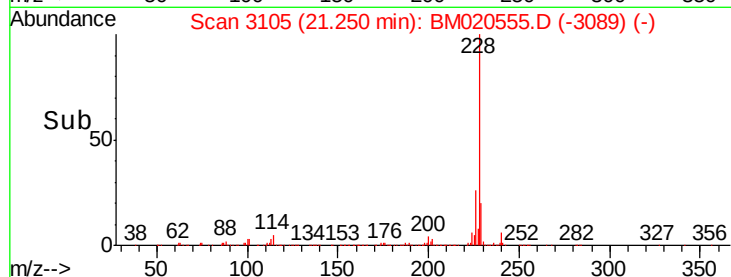
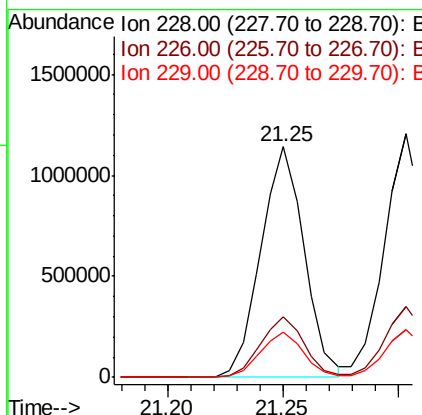
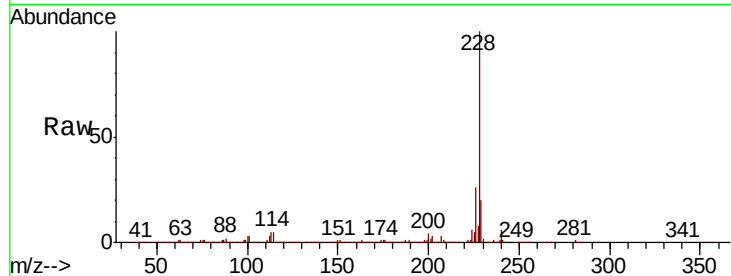
#81
Benzo(a)anthracene
Concen: 36.991 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.7	31.1
229	19.5	15.5	23.3

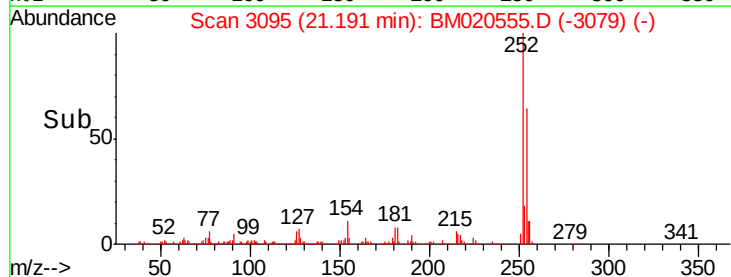
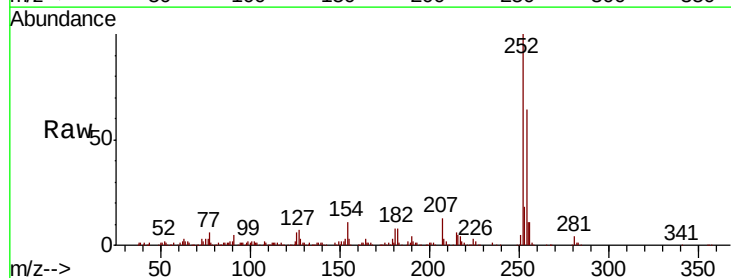
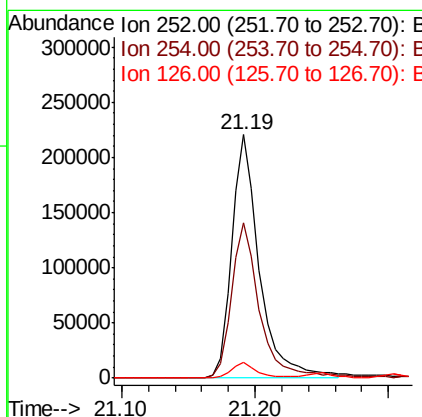
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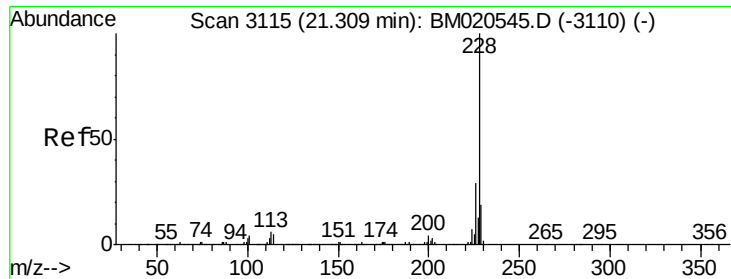
mohammad
5/27/2019 4:00:08 AM



#82
3,3'-Dichlorobenzidine
Concen: 21.704 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.8	77.6
126	6.4	5.2	7.8





#83

Chrysene

Concen: 39.297 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

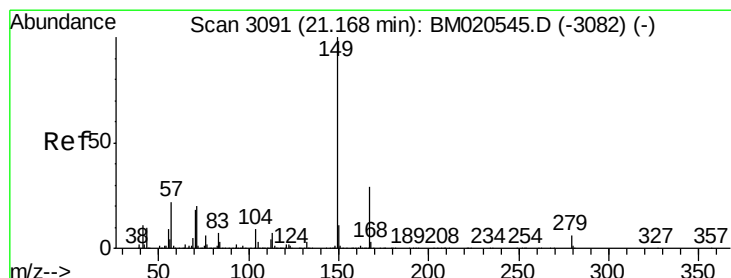
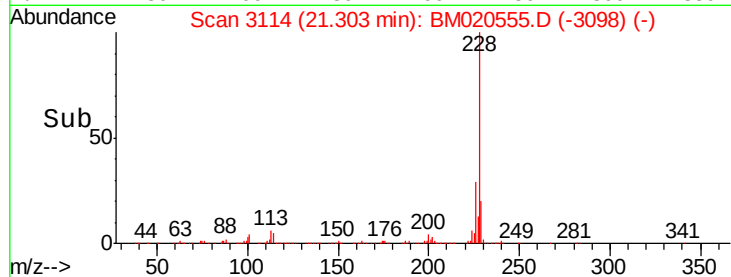
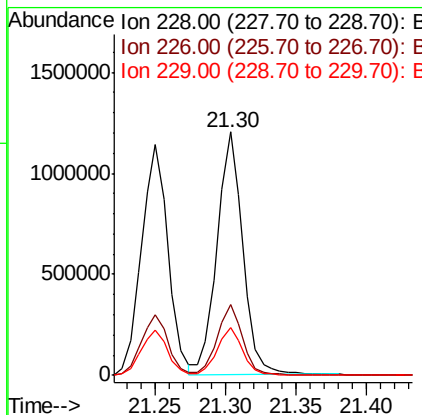
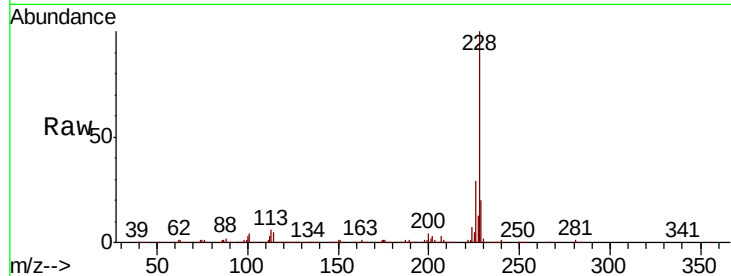
ClientSampleId :

PB119999BS

Tot Ion:	228	Resp:	1528231
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.9	34.3
229	19.6	15.4	23.2

Manual Integrations
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5/27/2019 4:00:08 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.739 ng

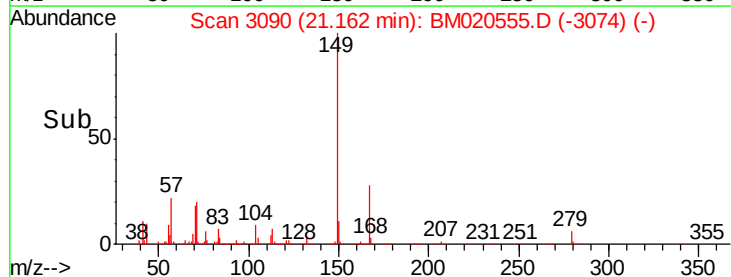
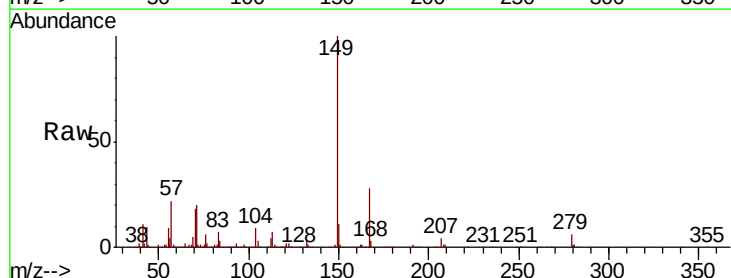
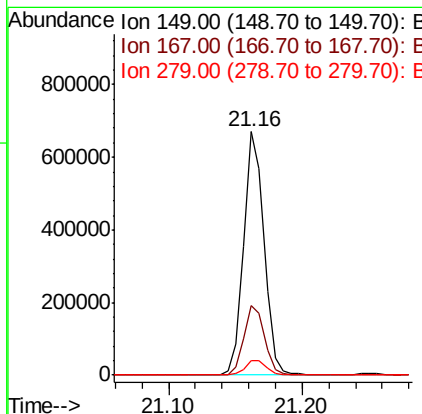
RT: 21.16 min Scan# 3090

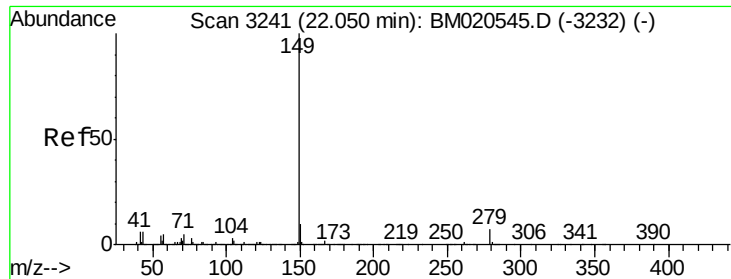
Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	149	Resp:	705536
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	5.9	4.9	7.3





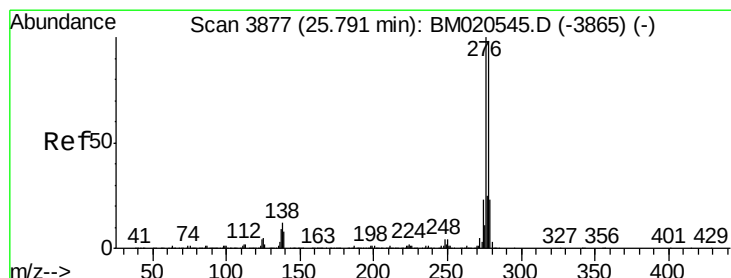
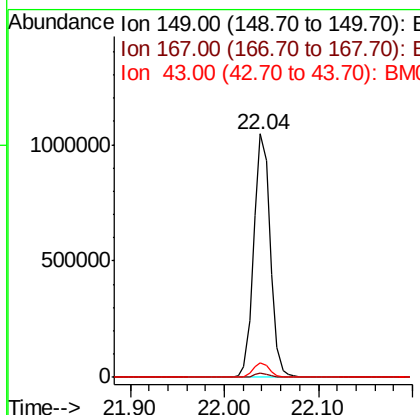
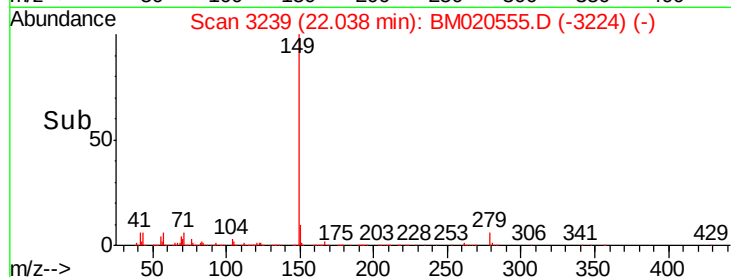
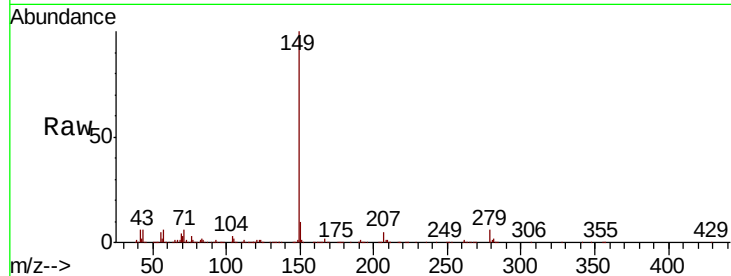
#85
Di-n-octyl phthalate
Concen: 39.120 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampled :
PB119999BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.2	4.8	7.2

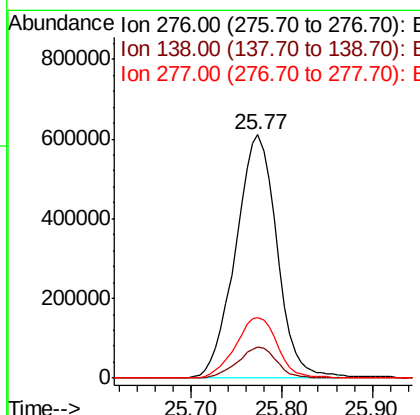
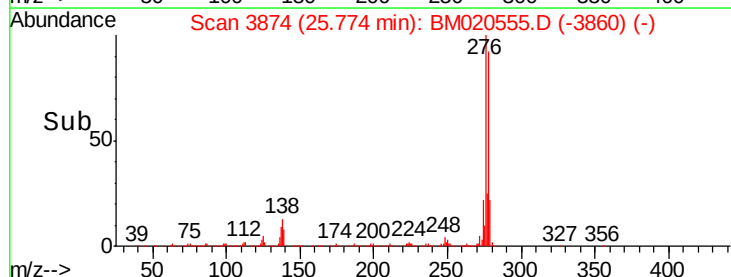
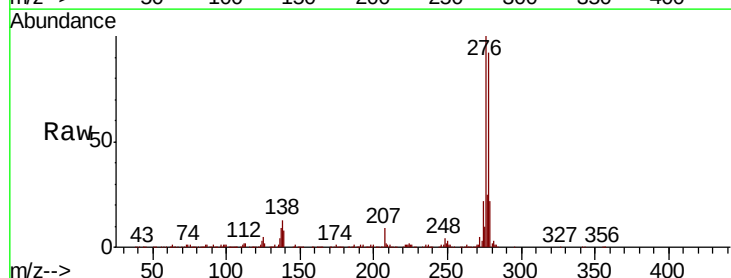
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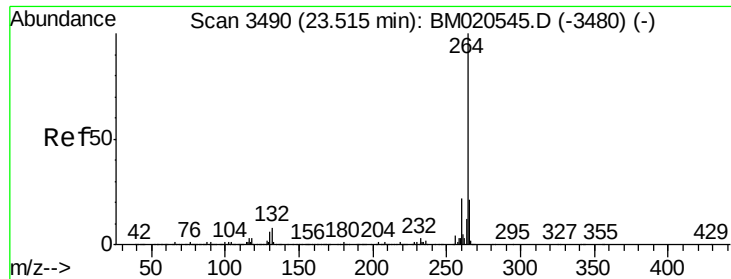
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.871 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.7	14.5
277	25.2	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.02 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Instrument :

BNA_M

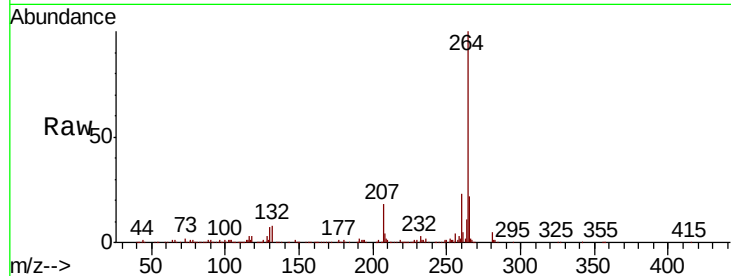
ClientSampleId :

PB119999BS

Tot Ion:	264	Resp:	657758
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.7	26.5
265	21.9	17.4	26.2

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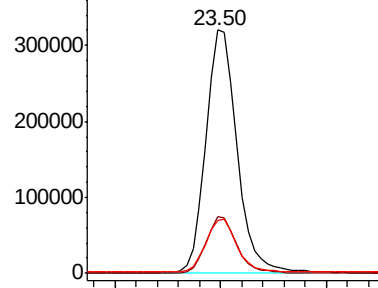


Abundance

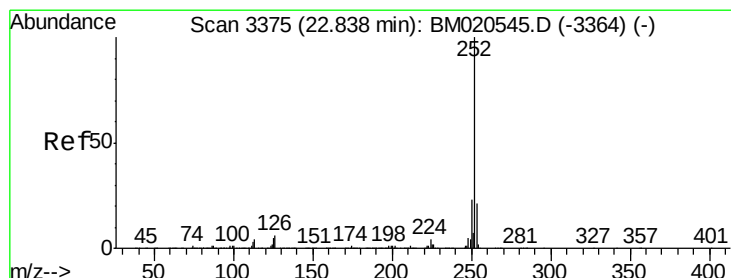
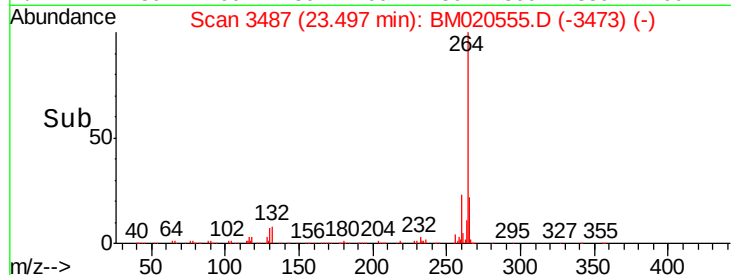
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 39.653 ng

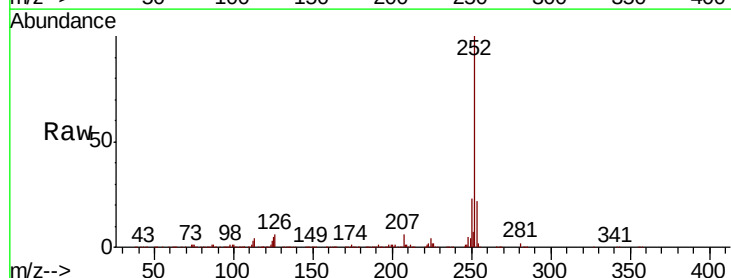
RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM020555.D

Acq: 24 May 2019 23:44

Tgt Ion:	252	Resp:	1707109
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	5.3	3.8	5.8

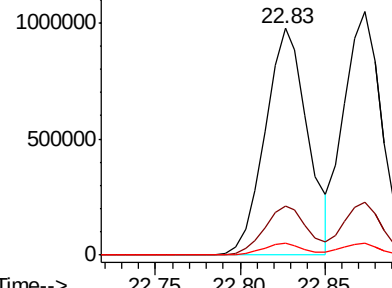


Abundance

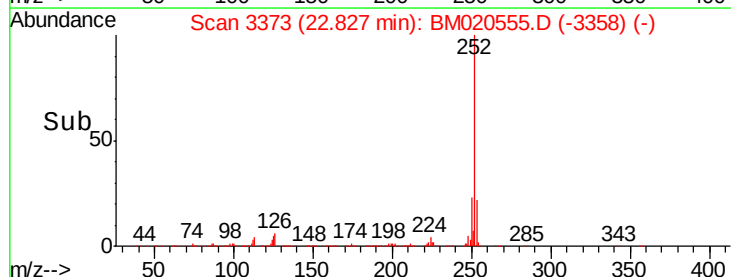
Ion 252.00 (251.70 to 252.70): E

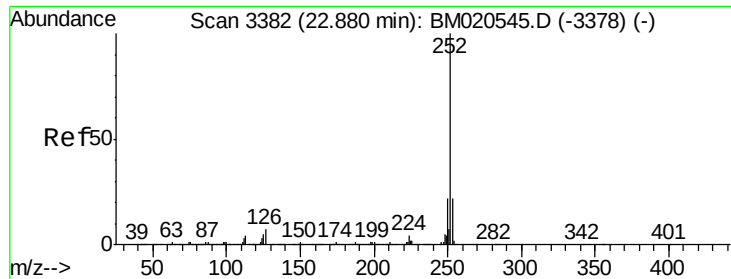
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





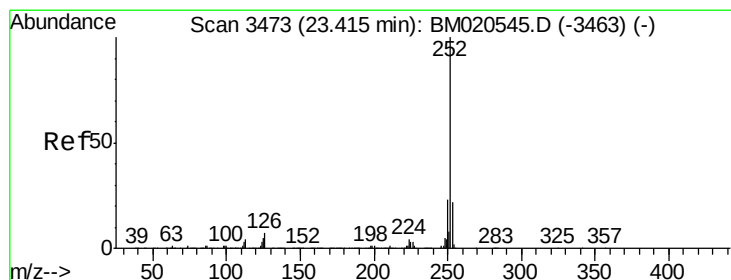
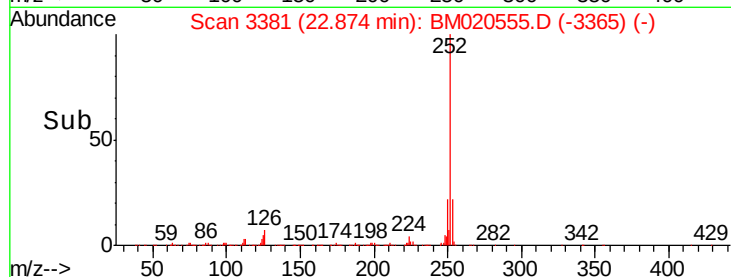
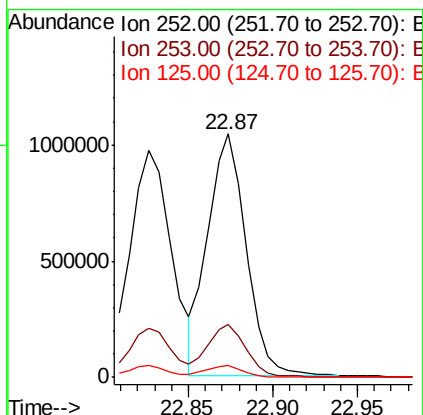
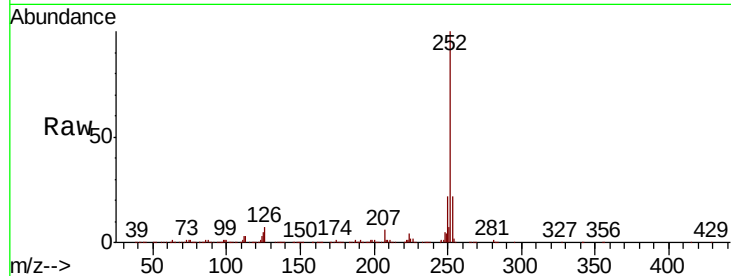
#89
Benzo(k)fluoranthene
Concen: 39.569 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	4.8	4.2	6.4

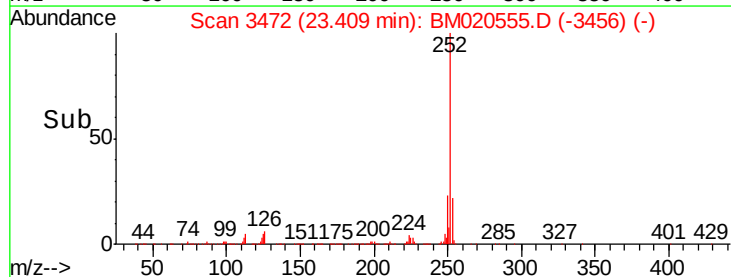
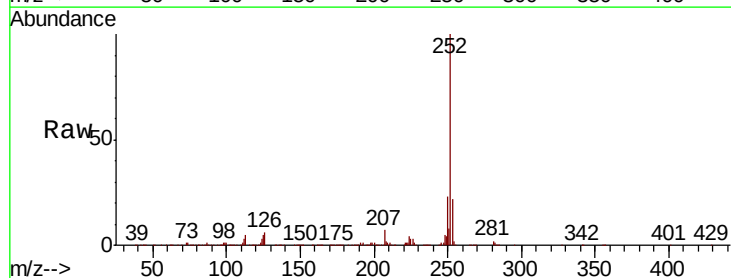
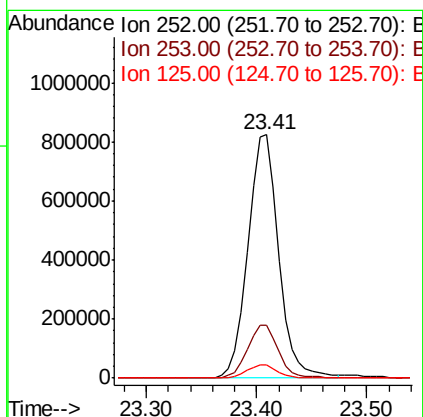
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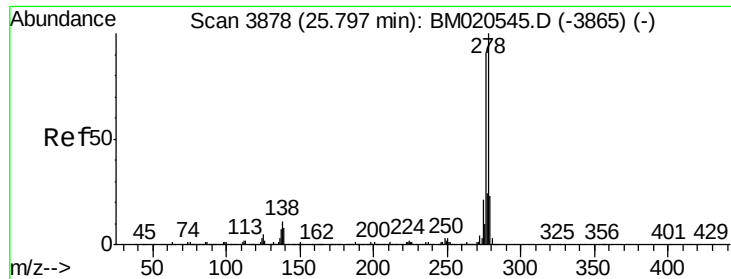
mohammad
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#90
Benzo(a)pyrene
Concen: 40.691 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	5.2	4.2	6.4





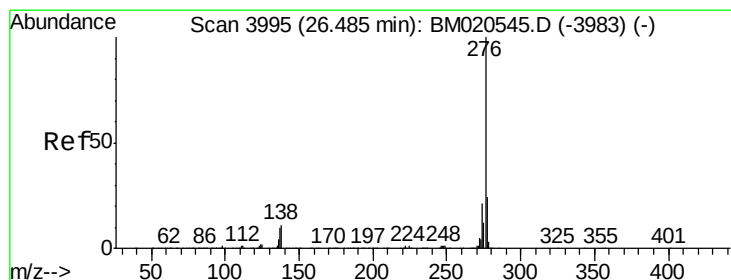
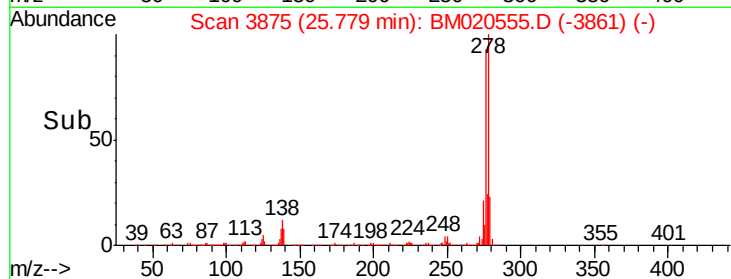
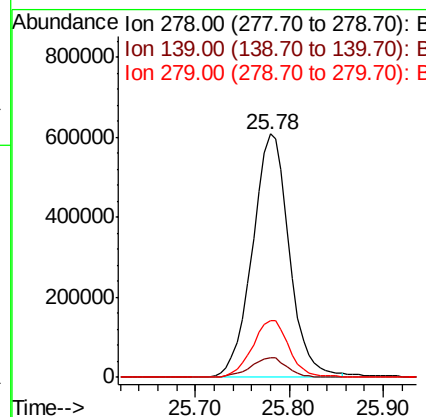
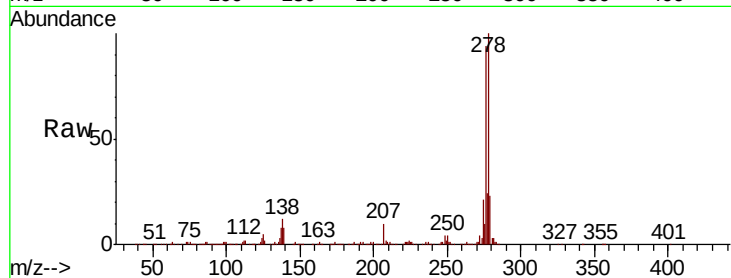
#91
Dibenzo(a,h)anthracene
Concen: 40.658 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Instrument :
BNA_M
ClientSampleId :
PB119999BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.1	6.3	9.5
279	23.5	18.3	27.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 41.329 ng
RT: 26.47 min Scan# 3992
Delta R.T. -0.02 min
Lab File: BM020555.D
Acq: 24 May 2019 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	10.5	8.6	12.8

