

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020556.D
 Acq On : 25 May 2019 00:20
 Operator : JU/SJ
 Sample : PB120010BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:00:11 AM

Quant Time: May 25 05:48:57 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	57549	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	238069	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	179154	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	490285	20.00	ng	0.00
76) Chrysene-d12	21.27	240	688159	20.00	ng	0.00
87) Perylene-d12	23.50	264	392042	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	290550	99.05	ng	0.00
7) Phenol-d6	6.84	99	422005	95.31	ng	0.00
23) Nitrobenzene-d5	8.83	82	414300	73.04	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	287384	80.07	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1024409	71.75	ng	0.00
79) Terphenyl-d14	19.70	244	2460507	64.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	61020	39.751	ng	96
3) Pyridine	3.57	79	119801	26.900	ng	98
4) n-Nitrosodimethylamine	3.49	42	44410	40.795	ng	90
6) Aniline	7.00	93	108617	16.959	ng	98
8) 2-Chlorophenol	7.22	128	174654	48.690	ng	98
10) Phenol	6.87	94	236113	49.385	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	150943	42.305	ng	99
12) 1,3-Dichlorobenzene	7.55	146	169788	36.960	ng	99
13) 1,4-Dichlorobenzene	7.69	146	171932	37.444	ng	99
14) 1,2-Dichlorobenzene	8.00	146	173039	37.590	ng	98
15) Benzyl Alcohol	7.92	79	174339	42.552	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	98050	39.429	ng	93
17) 2-Methylphenol	8.11	107	148110	46.923	ng	99
18) Hexachloroethane	8.72	117	68700	36.935	ng	93
19) n-Nitroso-di-n-propylamine	8.47	70	157680	40.107	ng	100
20) 3+4-Methylphenols	8.44	107	197759	46.718	ng	99
22) Acetophenone	8.49	105	258177	39.382	ng	# 98
24) Nitrobenzene	8.87	77	234155	41.801	ng	98
25) Isophorone	9.39	82	431542	40.889	ng	100
26) 2-Nitrophenol	9.58	139	85898	41.559	ng	98
27) 2,4-Dimethylphenol	9.63	122	153337	49.802	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	222161	40.437	ng	99
29) 2,4-Dichlorophenol	10.10	162	191263	46.706	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	222042	39.656	ng	98
31) Naphthalene	10.50	128	503097	40.928	ng	99
32) Benzoic acid	9.82	122	82617	41.861	ng	94
33) 4-Chloroaniline	10.65	127	80600	16.428	ng	99
34) Hexachlorobutadiene	10.76	225	158994	38.193	ng	99
35) Caprolactam	11.45	113	48784m	36.197	ng	
36) 4-Chloro-3-methylphenol	11.76	107	202922	45.536	ng	96
37) 2-Methylnaphthalene	12.12	142	399386	42.529	ng	98
38) 1-Methylnaphthalene	12.34	142	387332	42.569	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	310799	41.269	ng	98
41) Hexachlorocyclopentadiene	12.45	237	148886	44.454	ng	99

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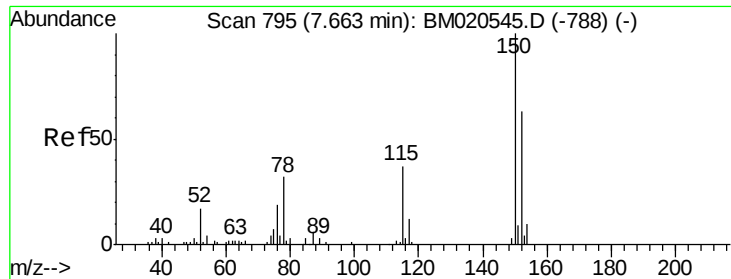
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.75	196	197583	42.394	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	202856	46.610	ng	99
46) 1,1'-Biphenyl	13.15	154	573637	41.574	ng	99
47) 2-Chloronaphthalene	13.19	162	459545	39.289	ng	99
48) 2-Nitroaniline	13.42	65	132628	37.523	ng	99
49) Acenaphthylene	14.04	152	725263	40.774	ng	99
50) Dimethylphthalate	13.79	163	634547	39.988	ng	100
51) 2,6-Dinitrotoluene	13.92	165	138346	41.830	ng	95
52) Acenaphthene	14.38	154	435444	40.623	ng	100
53) 3-Nitroaniline	14.26	138	71587	27.045	ng	99
54) 2,4-Dinitrophenol	14.47	184	175375	81.225	ng	98
55) Dibenzofuran	14.72	168	784572	42.297	ng	99
56) 4-Nitrophenol	14.58	139	173054	79.097	ng	93
57) 2,4-Dinitrotoluene	14.72	165	200645	42.010	ng	96
58) Fluorene	15.37	166	634784	41.197	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	225544	44.536	ng	98
60) Diethylphthalate	15.15	149	627909	40.161	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	403164	40.985	ng	98
62) 4-Nitroaniline	15.43	138	87551	31.492	ng	98
63) Azobenzene	15.66	77	641899	42.192	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	124698	41.185	ng	97
66) n-Nitrosodiphenylamine	15.59	169	556067	41.829	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	264488	40.495	ng	97
68) Hexachlorobenzene	16.36	284	315891	39.890	ng	98
69) Atrazine	16.54	200	147174	26.908	ng	99
70) Pentachlorophenol	16.72	266	380930	93.127	ng	99
71) Phenanthrene	17.12	178	1094030	41.075	ng	99
72) Anthracene	17.20	178	1036689	40.135	ng	100
73) Carbazole	17.49	167	899957	40.599	ng	99
74) Di-n-butylphthalate	18.03	149	1077733	39.523	ng	100
75) Fluoranthene	19.13	202	1525507	41.187	ng	100
77) Benzidine	19.35	184	64809	5.125	ng	100
78) Pyrene	19.50	202	1552771	35.941	ng	99
80) Butylbenzylphthalate	20.40	149	529567	34.886	ng	99
81) Benzo(a)anthracene	21.25	228	1648800	34.618	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	454928	26.169	ng	100
83) Chrysene	21.30	228	1692596	36.778	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	784689	35.467	ng	99
85) Di-n-octyl phthalate	22.04	149	1404382	36.514	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1946028	34.972	ng	100
88) Benzo(b)fluoranthene	22.83	252	1862824	72.597	ng	99
89) Benzo(k)fluoranthene	22.87	252	1778406	71.411	ng	99
90) Benzo(a)pyrene	23.40	252	1694162	71.748	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	1718029	71.079	ng	99
92) Benzo(g,h,i)perylene	26.47	276	1581576	70.588	ng	99

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



#1

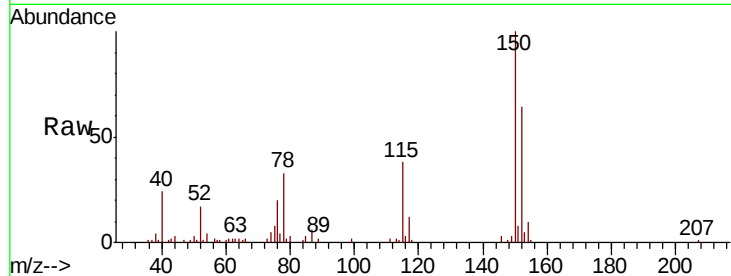
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
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PB120010BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	190.0
115	58.8	46.6	70.0

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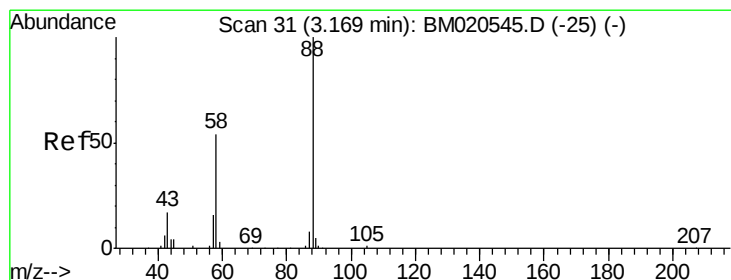
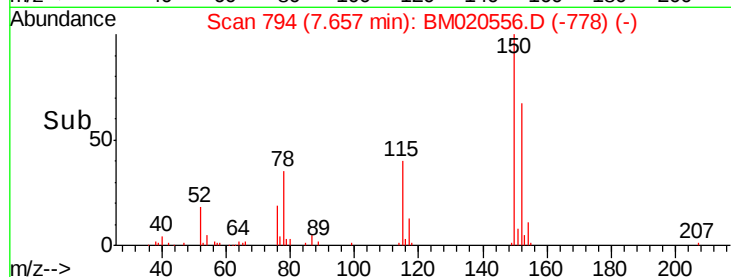
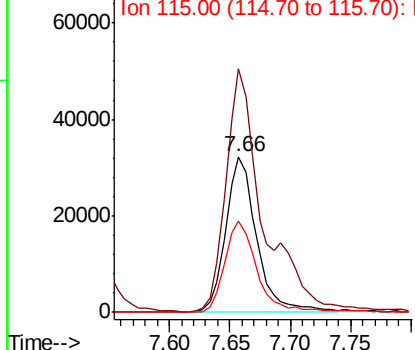


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

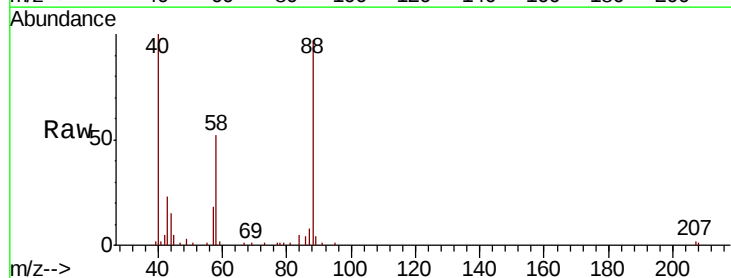
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.751 ng
RT: 3.16 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.0	42.3	63.5
43	17.6	16.0	24.0

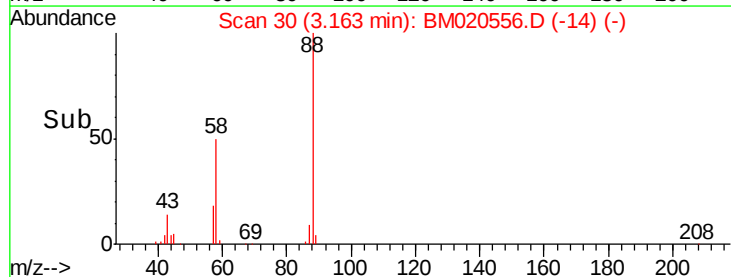
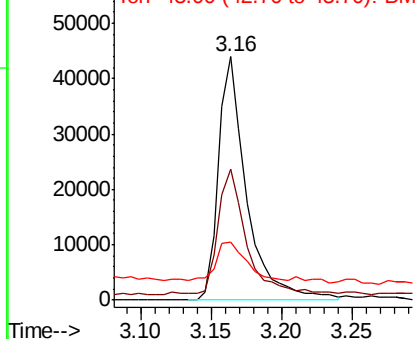


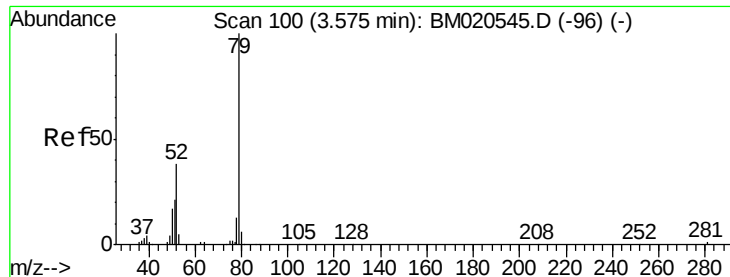
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 26.900 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

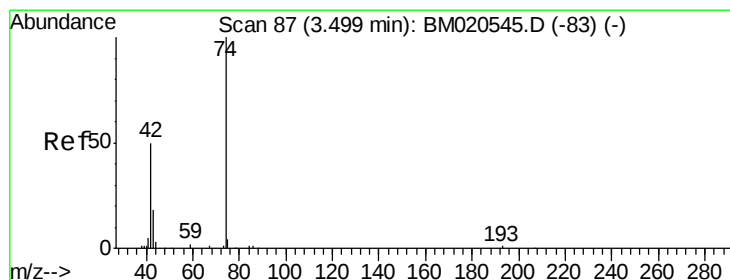
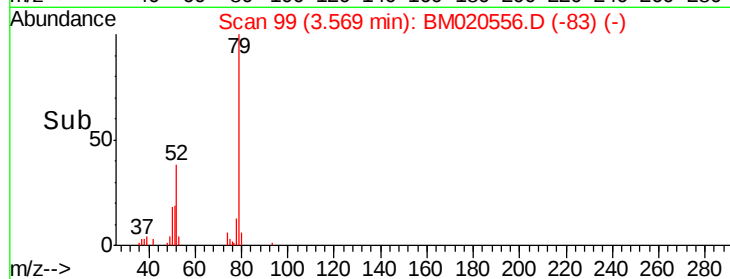
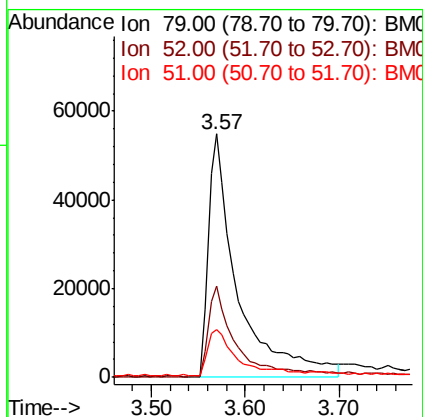
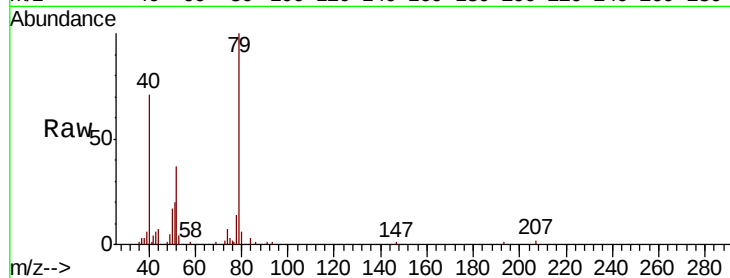
ClientSampleId :

PB120010BS

Tot Ion:	79	Resp:	119801
Ion	Ratio	Lower	Upper
79	100		
52	37.4	30.1	45.1
51	19.7	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 40.795 ng

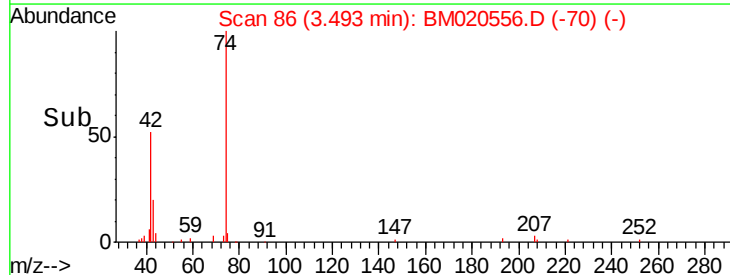
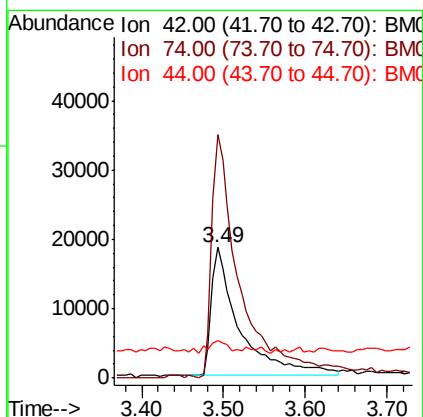
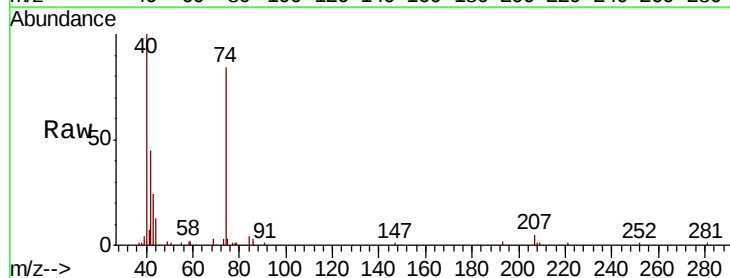
RT: 3.49 min Scan# 86

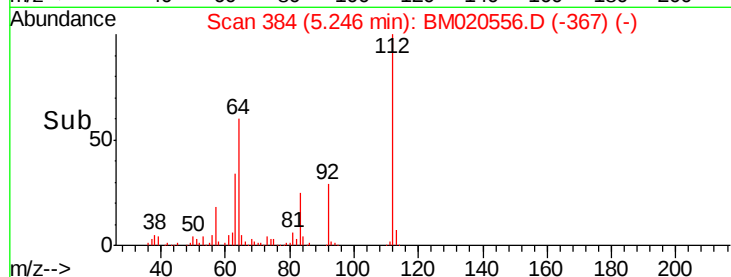
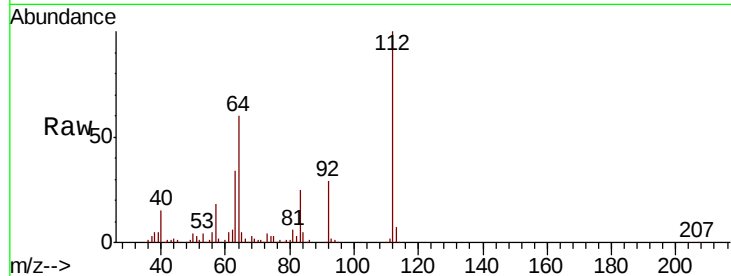
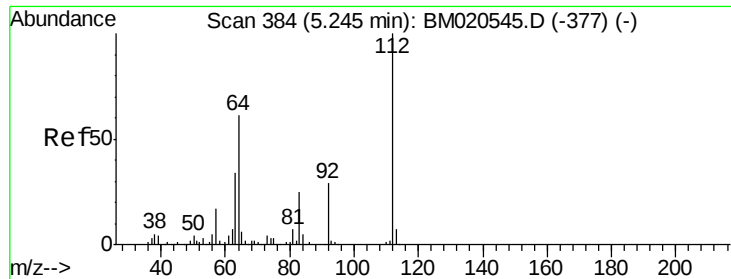
Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	42	Resp:	44410
Ion	Ratio	Lower	Upper
42	100		
74	186.1	161.1	241.7
44	28.9	20.9	31.3





#5

2-Fluorophenol

Concen: 99.047 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

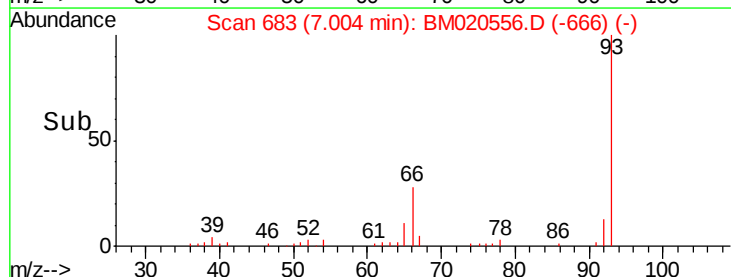
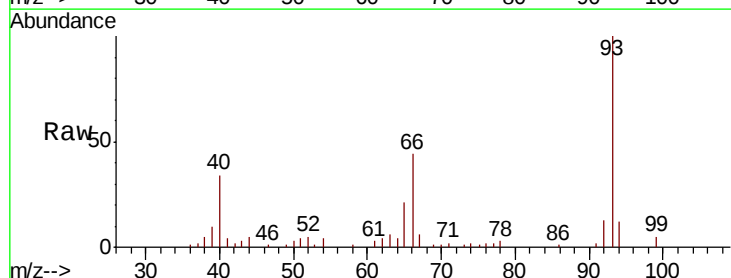
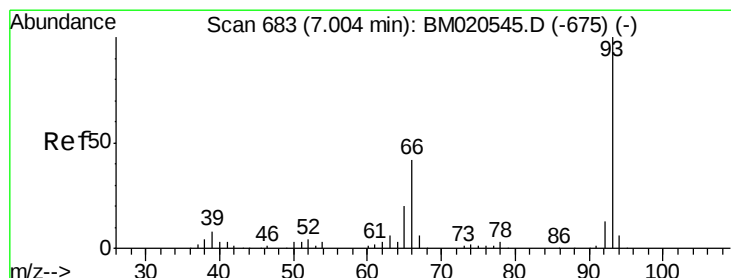
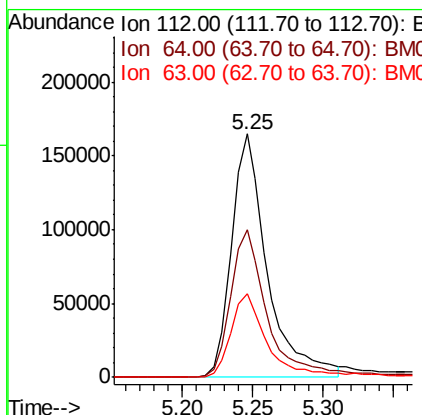
ClientSampleId :

PB120010BS

Tot Ion:	112	Resp:	290550
Ion Ratio	Lower	Upper	
112	100		
64	60.4	48.6	73.0
63	34.3	27.4	41.0

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#6

Aniline

Concen: 16.959 ng

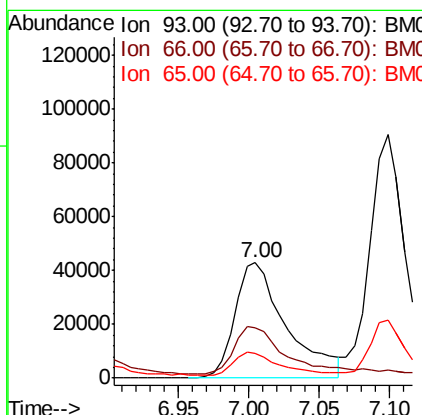
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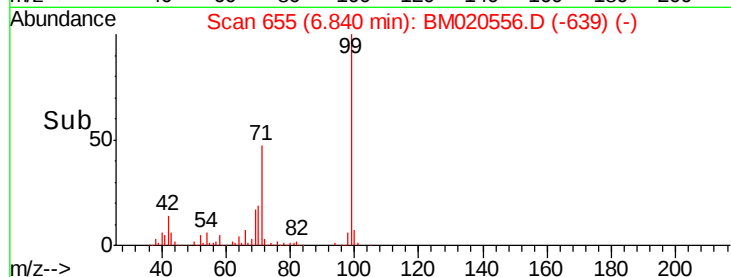
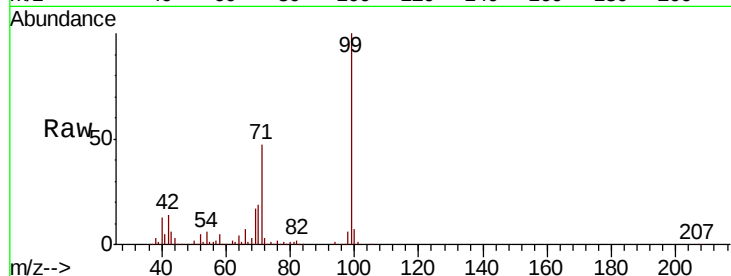
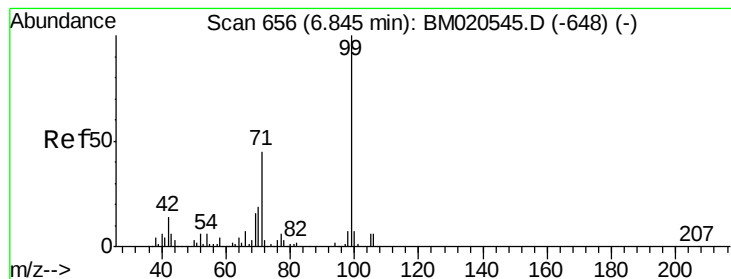
Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	93	Resp:	108617
Ion Ratio	Lower	Upper	
93	100		
66	44.2	34.5	51.7
65	21.2	16.2	24.2





#7

Phenol-d6

Concen: 95.312 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tot Ion:	99	Resp:	422005
Ion Ratio	Lower	Upper	
99	100		
42	13.6	10.8	16.2
71	47.2	36.3	54.5

Instrument :

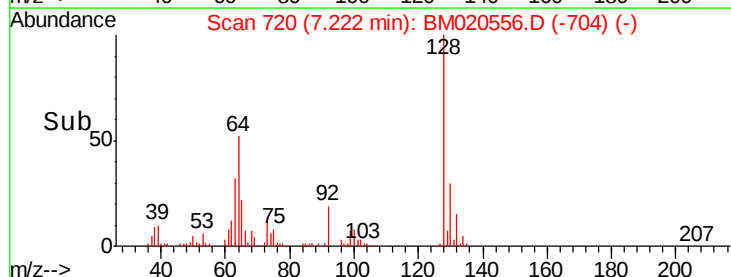
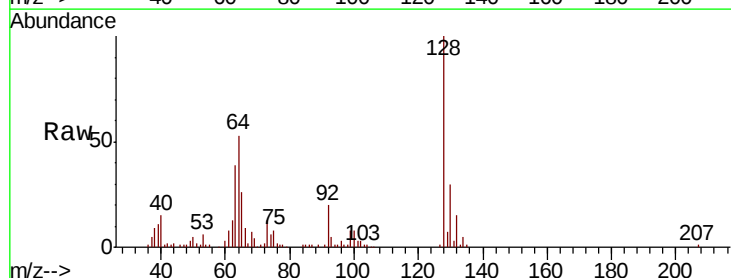
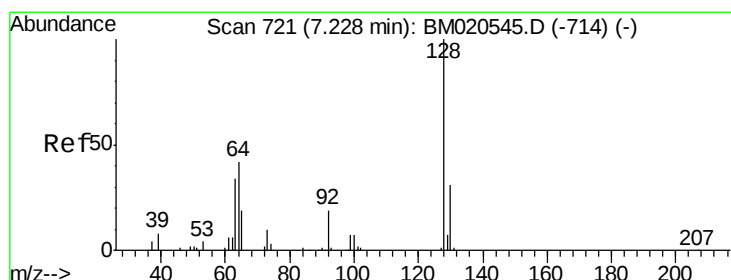
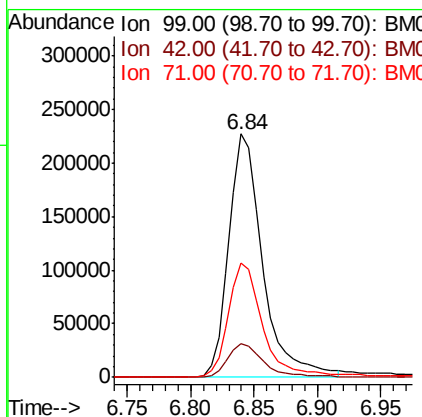
BNA_M

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#8

2-Chlorophenol

Concen: 48.690 ng

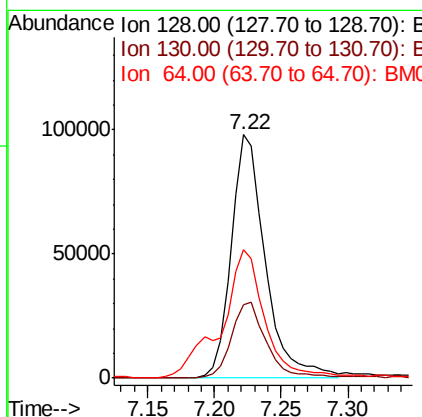
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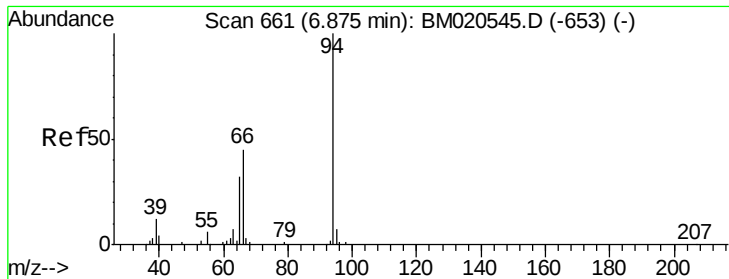
Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	128	Resp:	174654
Ion Ratio	Lower	Upper	
128	100		
130	30.1	11.2	51.2
64	52.6	31.1	71.1





#10

Phenol

Concen: 49.385 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

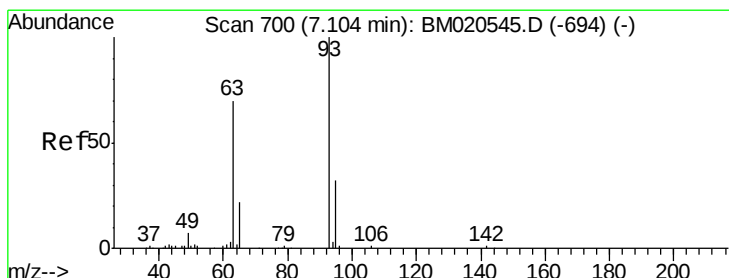
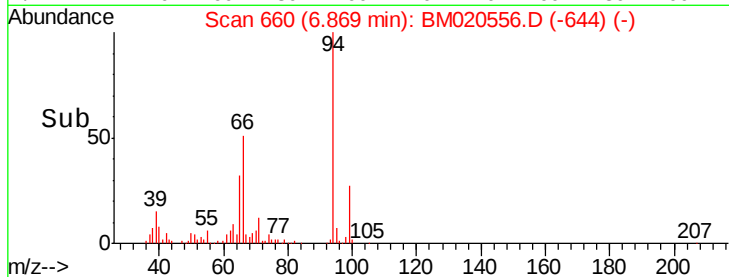
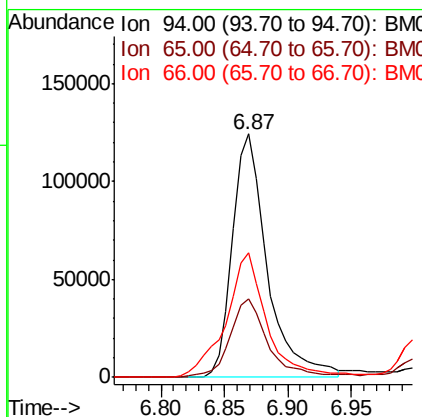
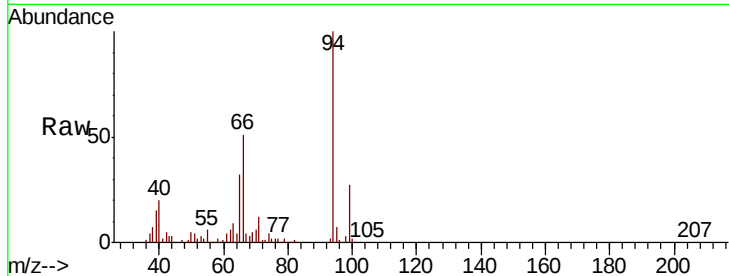
ClientSampleId :

PB120010BS

Tot Ion:	94	Resp:	236113
Ion	Ratio	Lower	Upper
94	100		
65	32.2	12.4	52.4
66	51.1	27.4	67.4

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#11

bis(2-Chloroethyl)ether

Concen: 42.305 ng

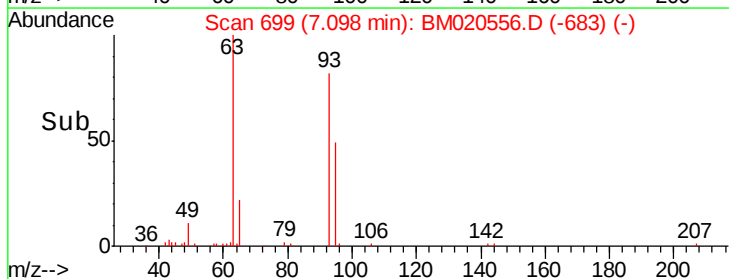
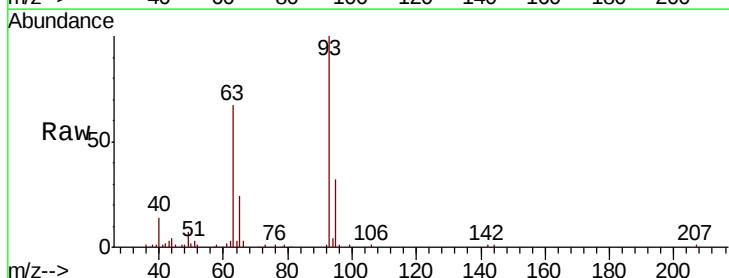
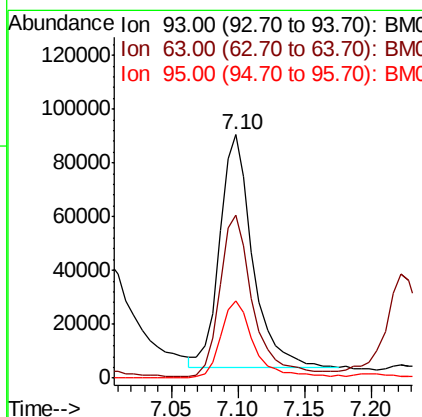
RT: 7.10 min Scan# 699

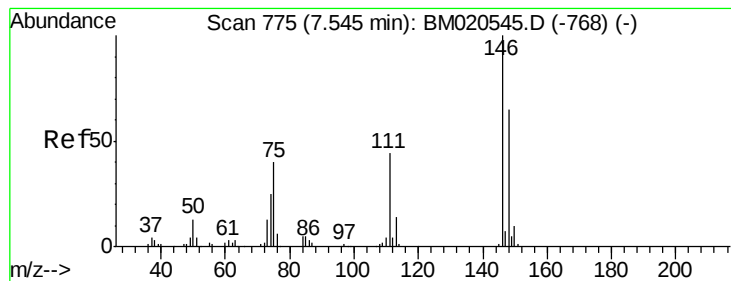
Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	93	Resp:	150943
Ion	Ratio	Lower	Upper
93	100		
63	67.0	47.6	87.6
95	31.6	10.9	50.9





#12

1,3-Dichlorobenzene

Concen: 36.960 ng

RT: 7.55 min Scan# 775

Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

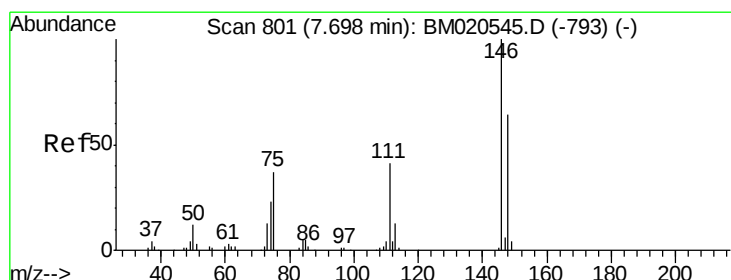
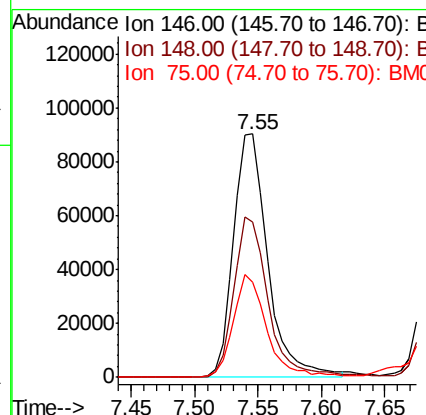
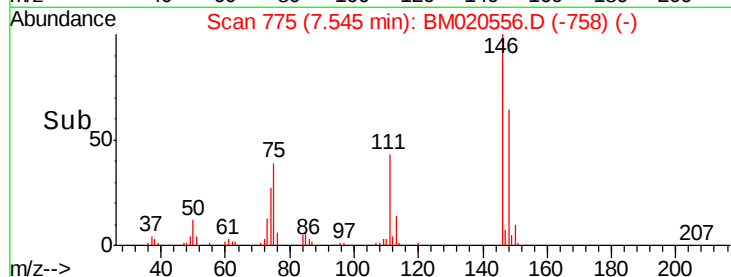
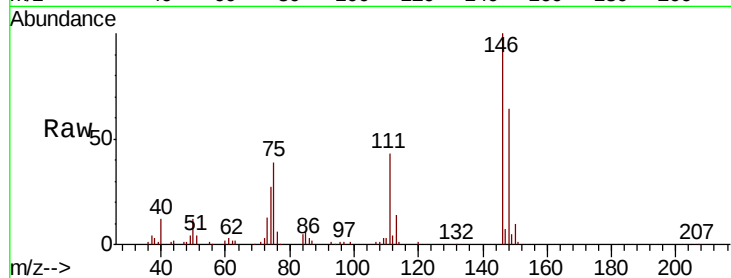
ClientSampleId :

PB120010BS

Tot Ion:	146	Resp:	169788
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
75	38.9	31.6	47.4

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#13

1,4-Dichlorobenzene

Concen: 37.444 ng

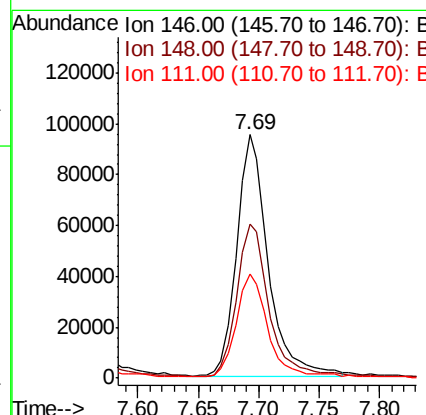
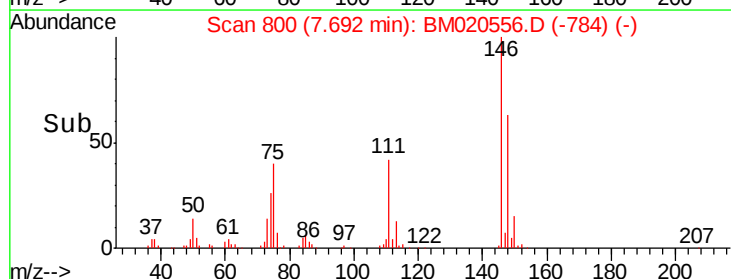
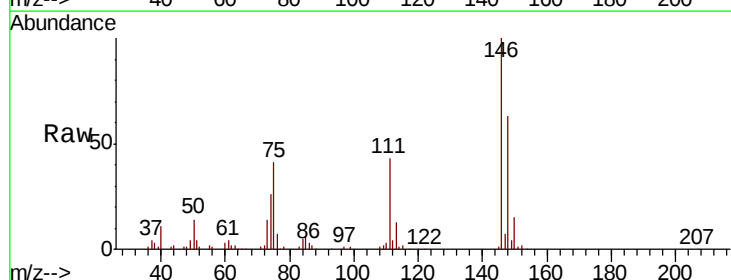
RT: 7.69 min Scan# 800

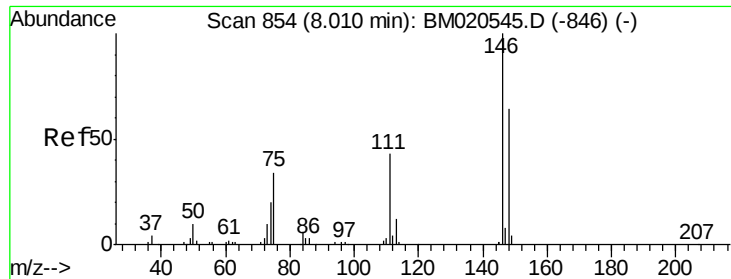
Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	146	Resp:	171932
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.1	76.7
111	42.6	33.5	50.3





#14

1,2-Dichlorobenzene

Concen: 37.590 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

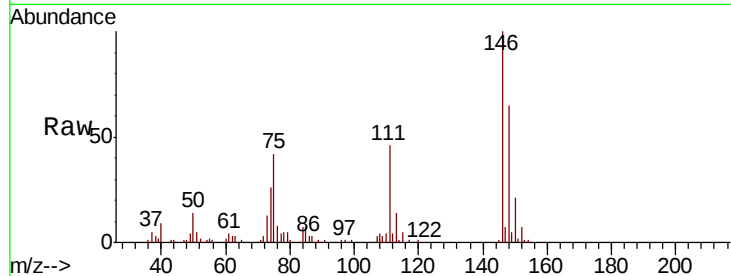
ClientSampled :

PB120010BS

Tot Ion:	146	Resp:	173039
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
111	45.6	35.2	52.8

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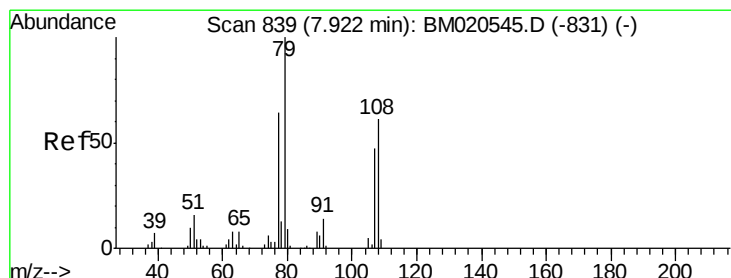
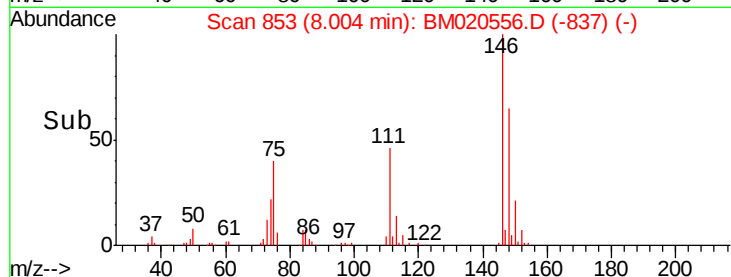
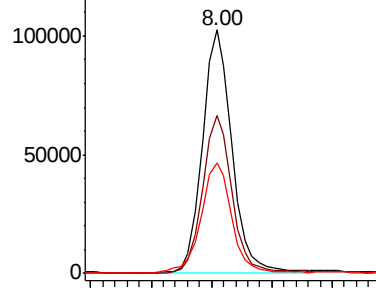


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 42.552 ng

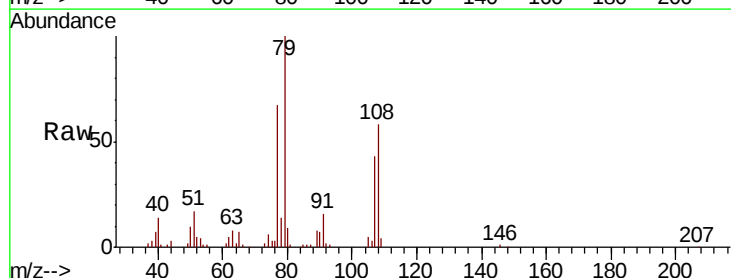
RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	79	Resp:	174339
Ion	Ratio	Lower	Upper
79	100		
108	58.1	48.5	72.7
77	66.9	50.9	76.3

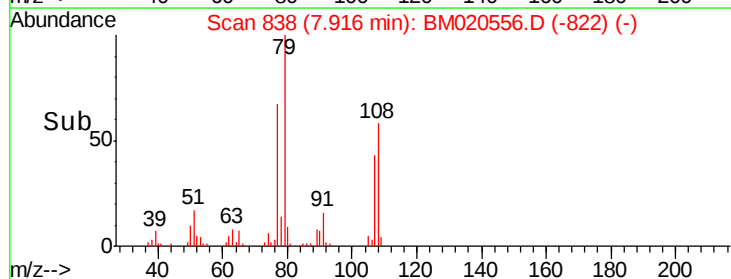
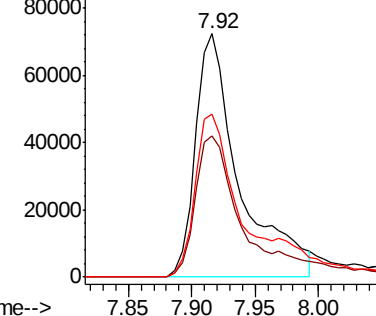


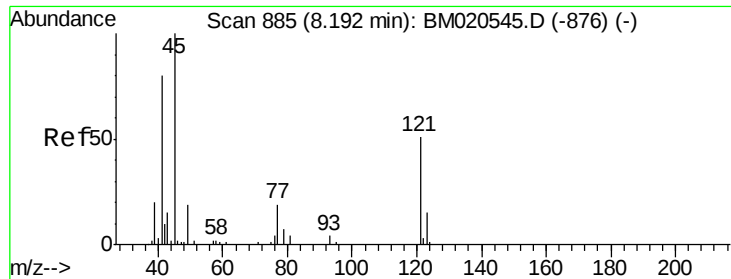
Abundance

Ion 79.00 (78.70 to 79.70): BM0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0





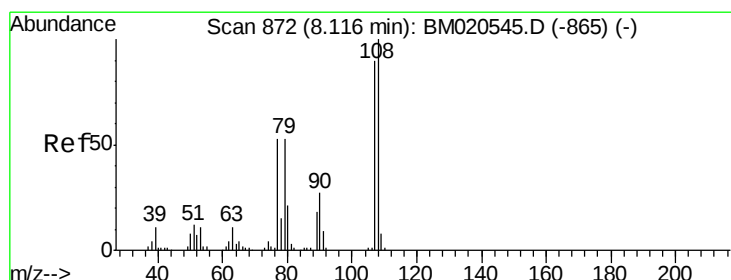
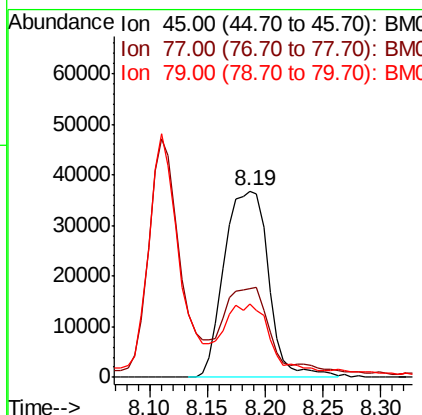
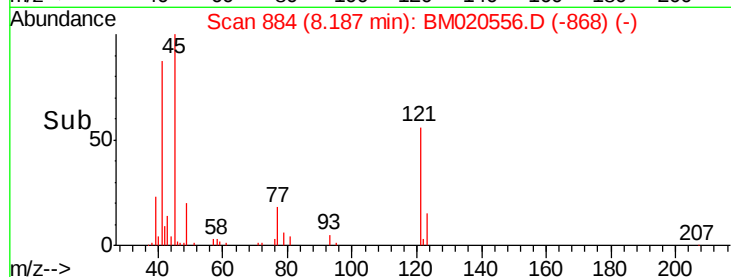
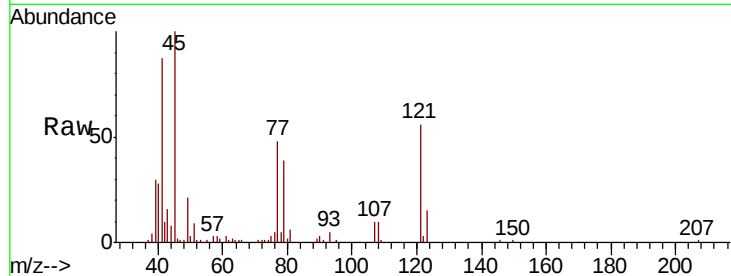
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.429 ng
RT: 8.19 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	47.7	25.0	65.0
79	39.4	13.1	53.1

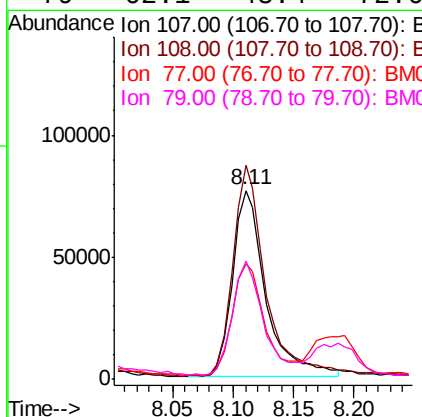
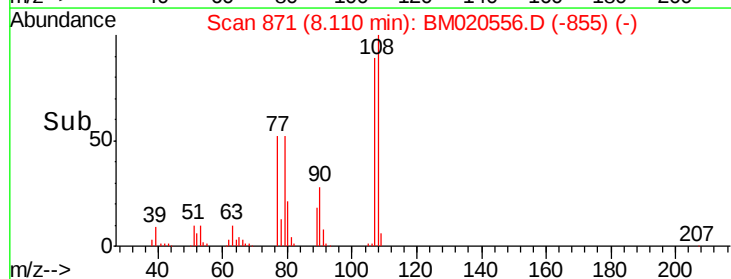
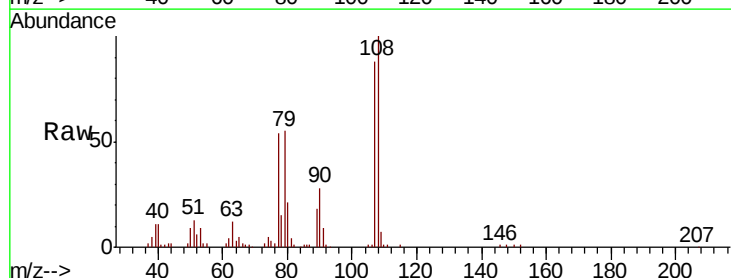
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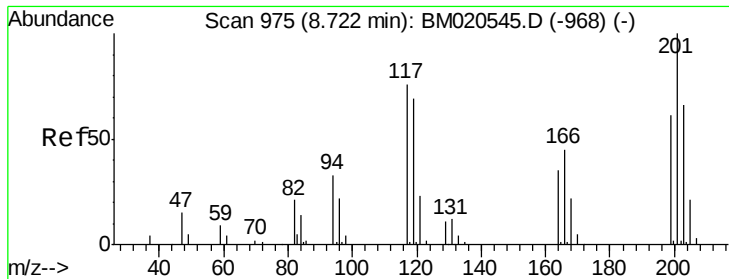
mohammad
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#17
2-Methylphenol
Concen: 46.923 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.4	134.2
77	60.9	48.2	72.4
79	62.1	48.4	72.6





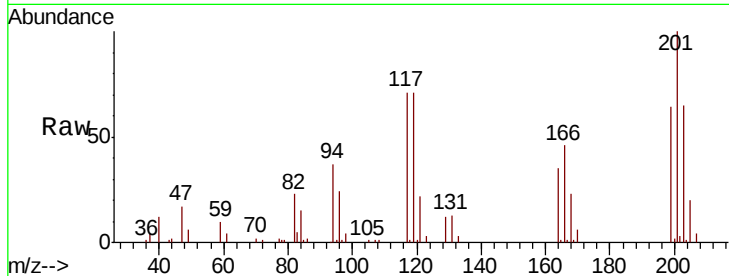
#18
Hexachloroethane
Concen: 36.935 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	68700		
119	99.0	73.2	109.8	
201	140.5	105.8	158.8	

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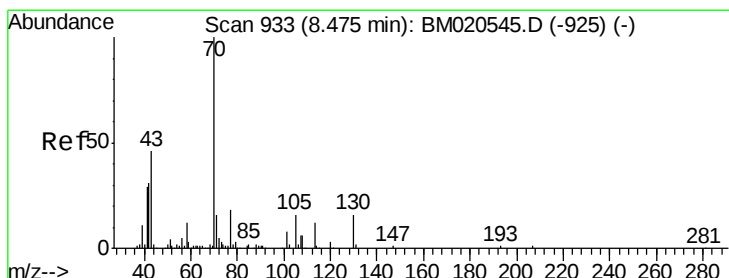
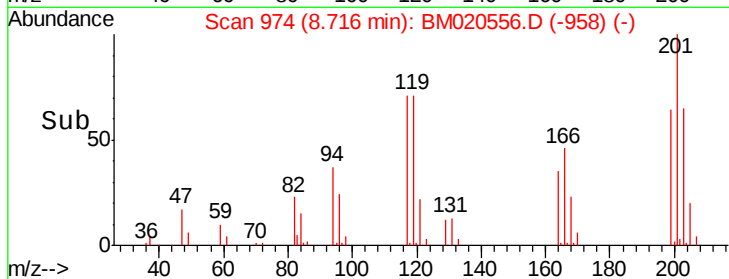
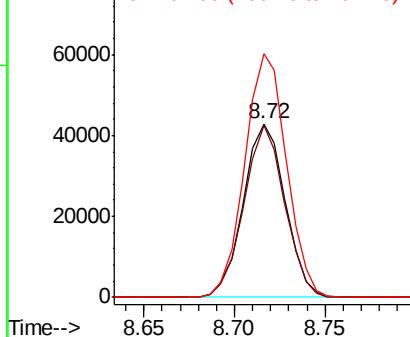


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 40.107 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	157680		
42	30.8	24.7	37.1	
101	8.0	6.8	10.2	
130	16.4	13.1	19.7	

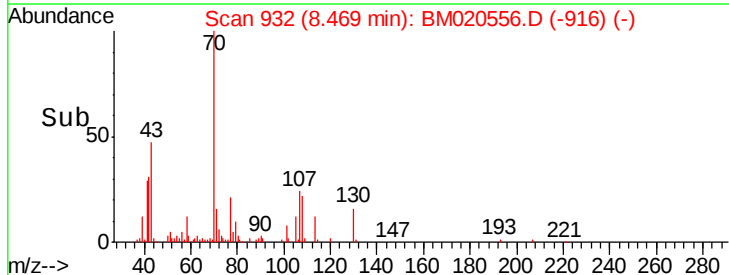
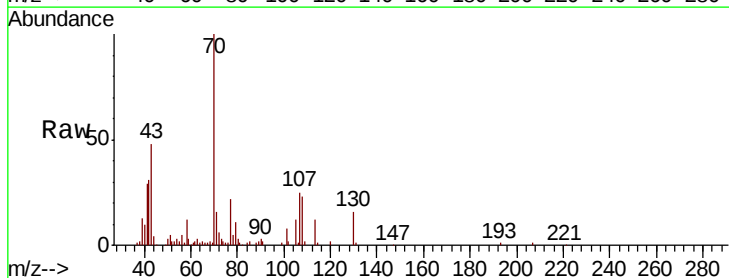
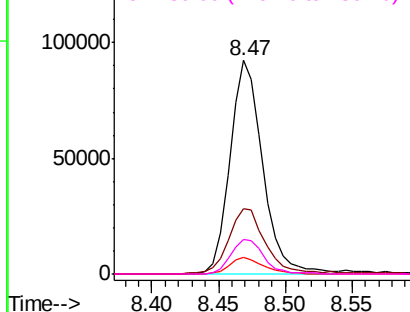
Abundance

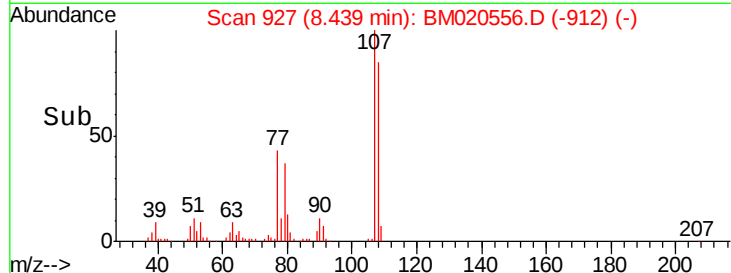
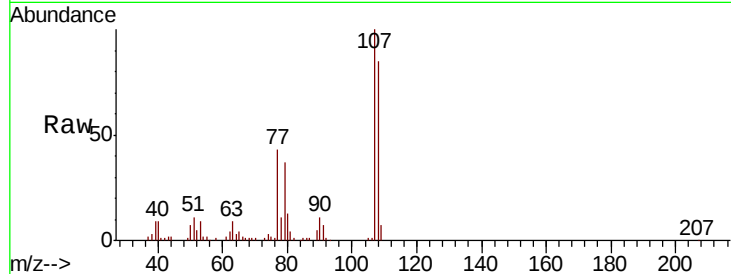
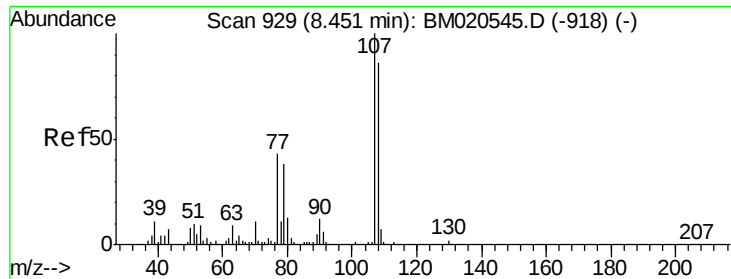
Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





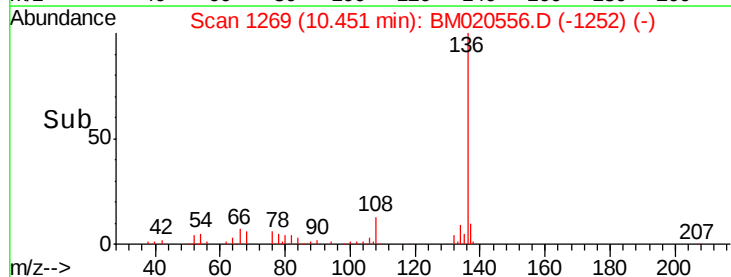
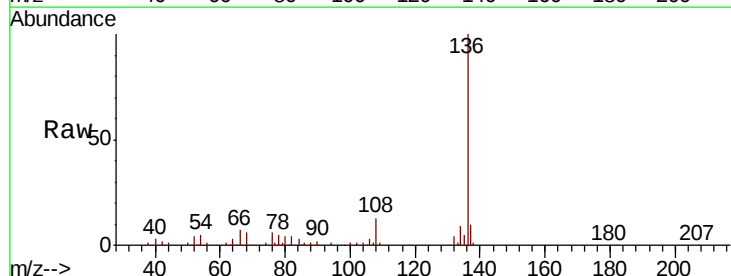
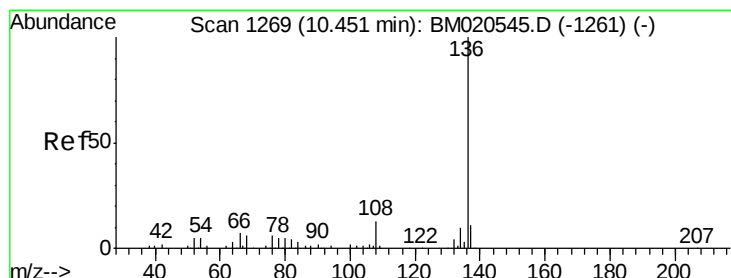
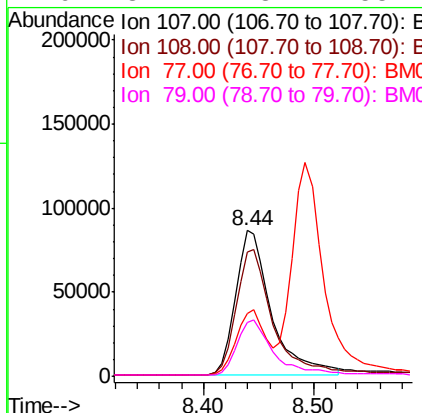
#20
3+4-Methylphenols
Concen: 46.718 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tot Ion	Ratio	Resp	Lower	Upper
107	100	197759		
108	85.1	66.5	106.5	
77	43.3	23.0	63.0	
79	37.2	18.2	58.2	

Instrument :
BNA_M
ClientSampleId :
PB120010BS

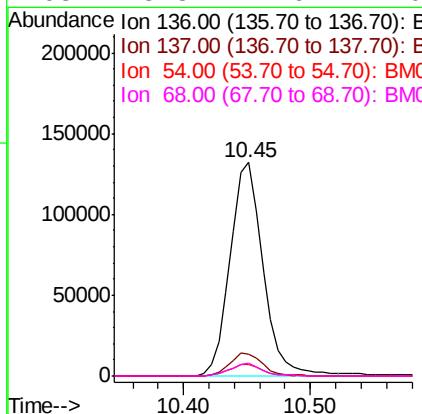
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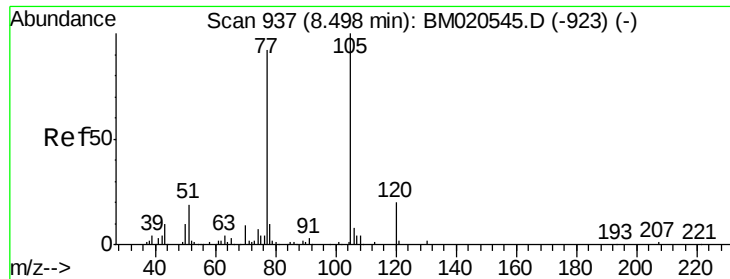
mohammad
5/27/2019 4:00:11 AM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	238069		
137	10.3	8.4	12.6	
54	5.2	4.2	6.4	
68	5.8	4.6	7.0	





#22

Acetophenone

Concen: 39.382 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM020556.D

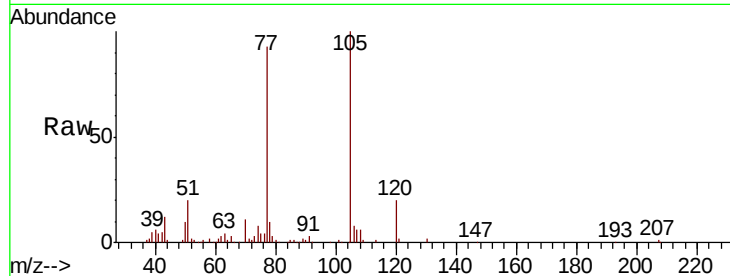
Acq: 25 May 2019 00:20

Instrument :

BNA_M

ClientSampleId :

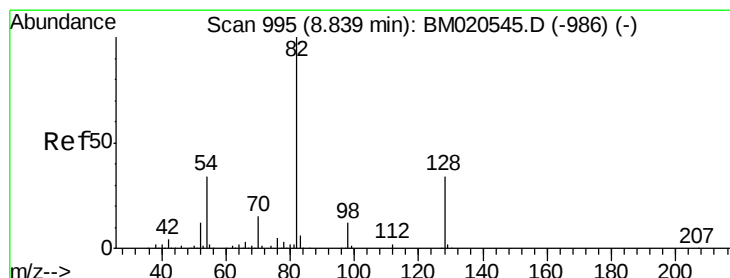
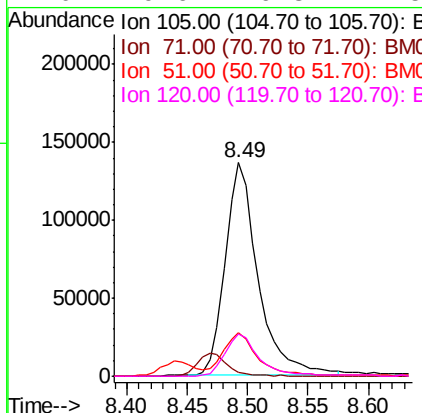
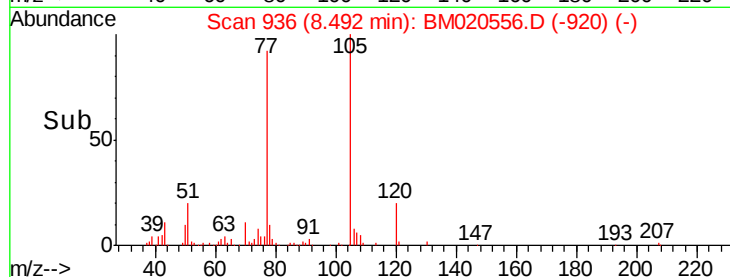
PB120010BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	258177		
71	71	2.0		1.3	1.9#
51	51	20.5		15.7	23.5
120	120	19.6		16.3	24.5

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#23

Nitrobenzene-d5

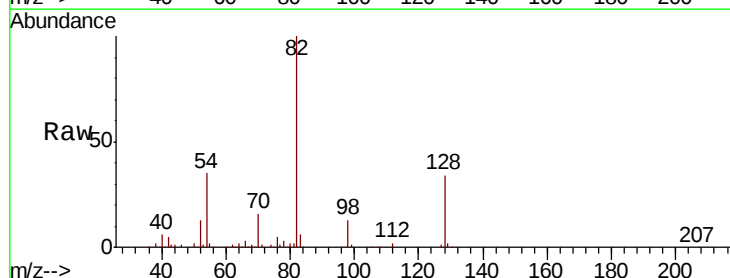
Concen: 73.043 ng

RT: 8.83 min Scan# 994

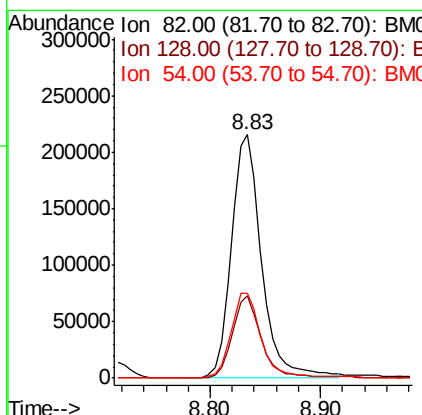
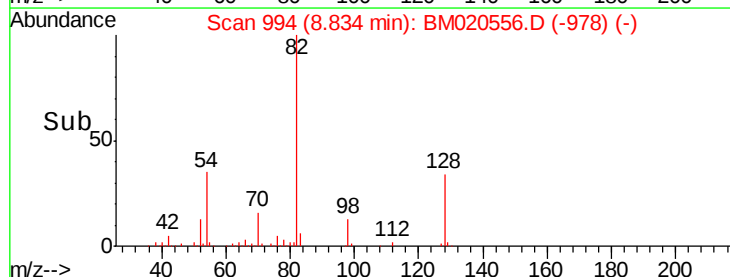
Delta R.T. -0.01 min

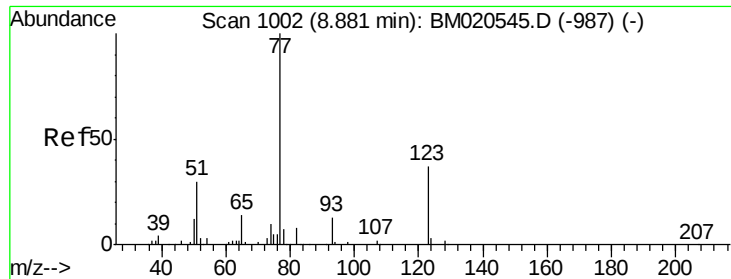
Lab File: BM020556.D

Acq: 25 May 2019 00:20



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	414300		
128	128	33.7		27.0	40.4
54	54	35.1		27.4	41.2





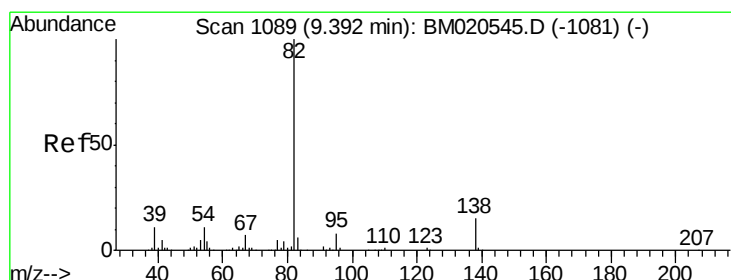
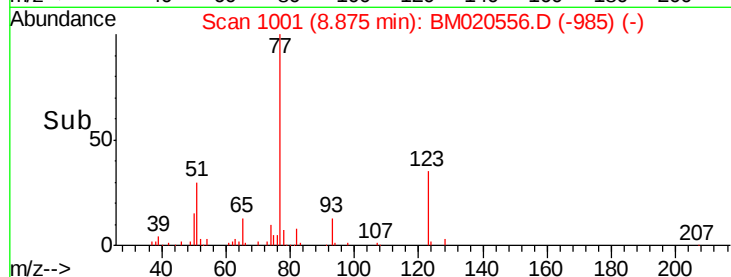
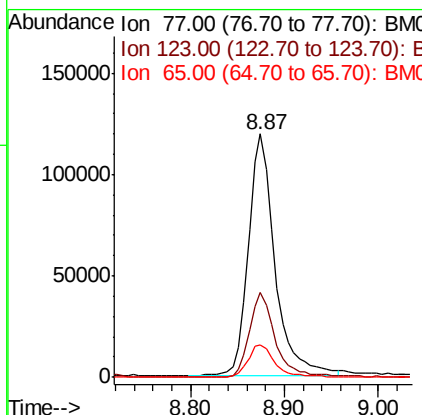
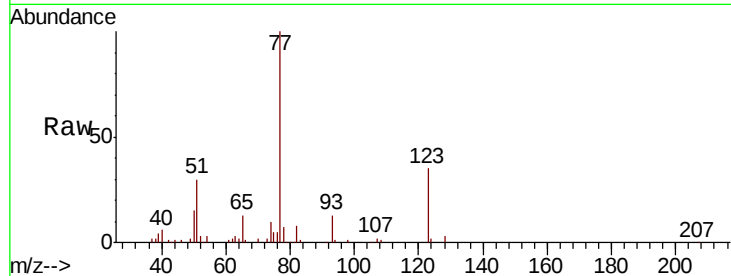
#24
Nitrobenzene
Concen: 41.801 ng
RT: 8.87 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	35.0	29.4	44.2
65	13.3	10.8	16.2

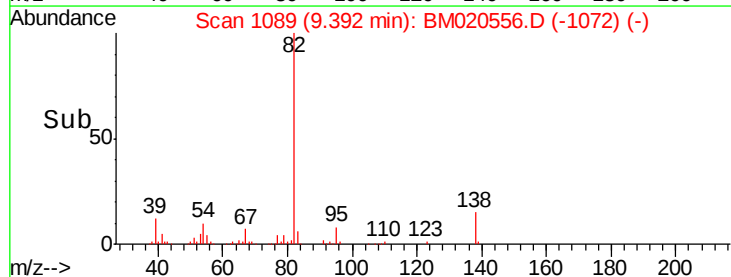
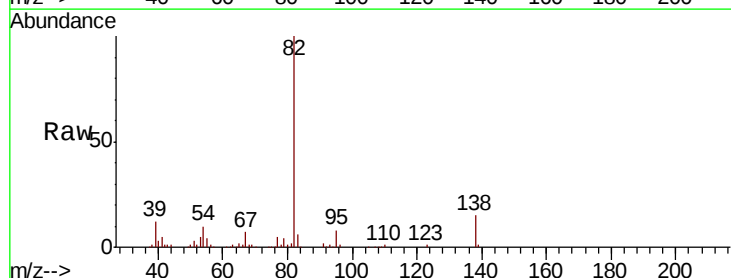
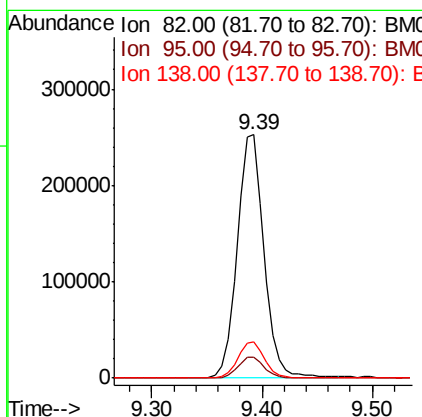
Manual Integrations
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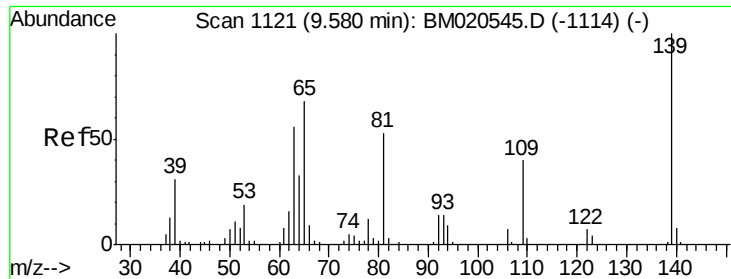
mohammad
5/27/2019 4:00:11 AM



#25
Isophorone
Concen: 40.889 ng
RT: 9.39 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.7	10.1
138	14.9	12.0	18.0





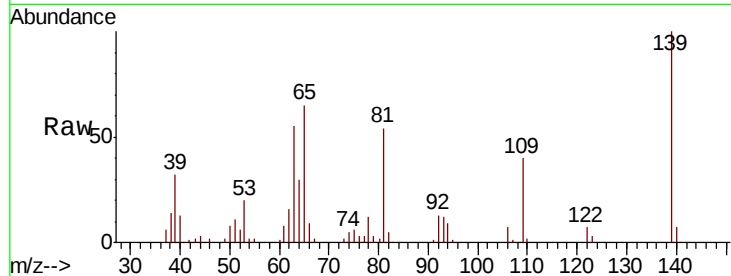
#26
2-Nitrophenol
Concen: 41.559 ng
RT: 9.58 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampled :
PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.3	32.3	48.5	
65	65.1	54.4	81.6	

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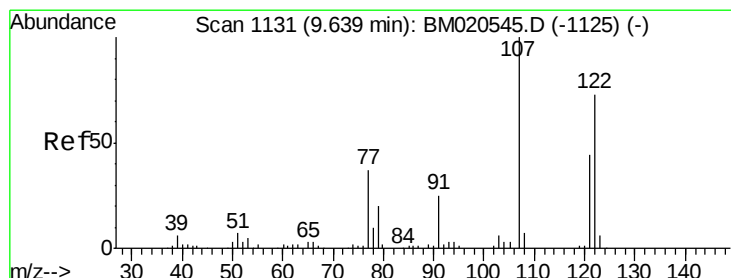
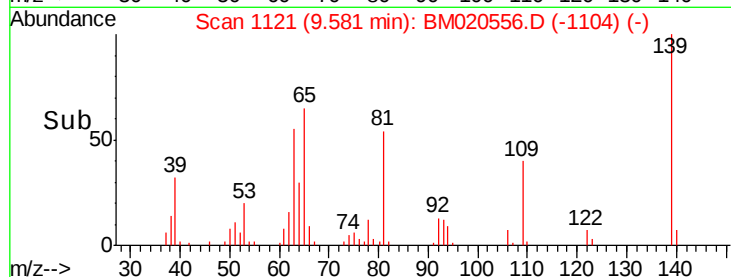
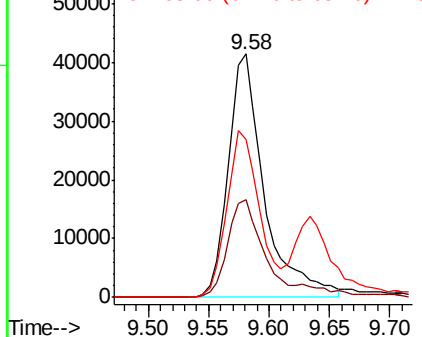


Abundance

Ion 139.00 (138.70 to 139.70): E

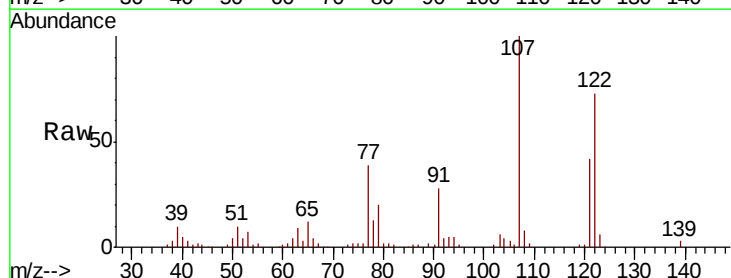
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#27
2,4-Dimethylphenol
Concen: 49.802 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	136.4	108.2	162.2	
121	57.4	47.4	71.0	

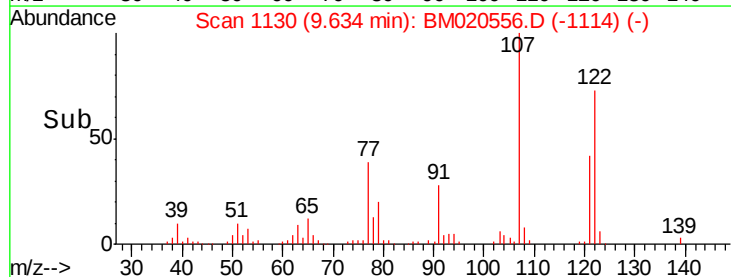
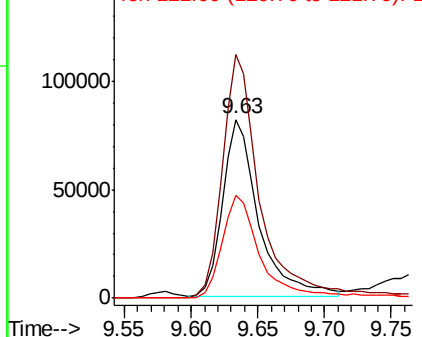


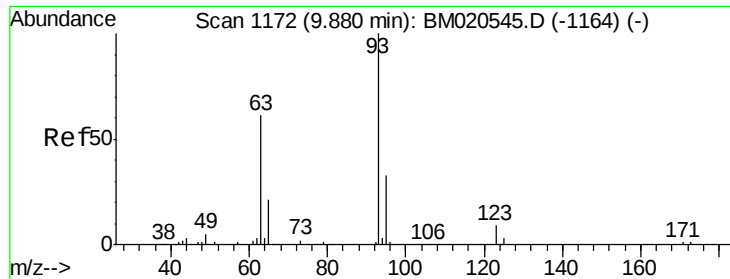
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





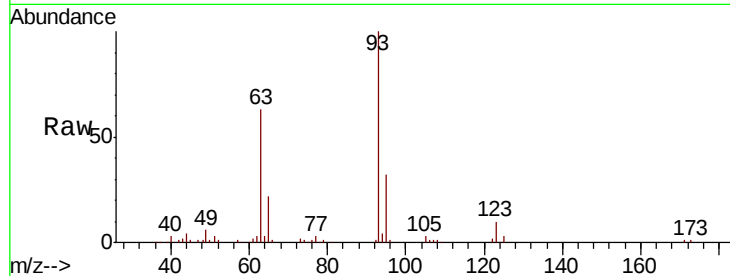
#28
bis(2-Chloroethoxy)methane
Concen: 40.437 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion:	93	Resp:	222161
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.1	39.1
123	10.4	8.1	12.1

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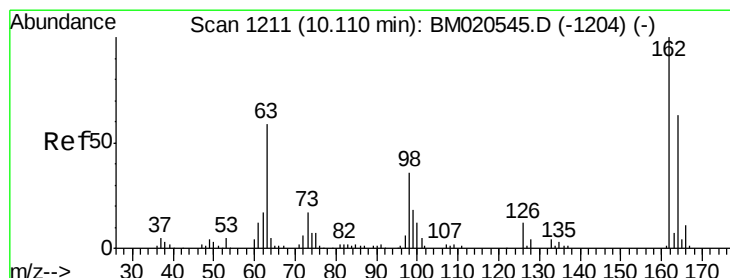
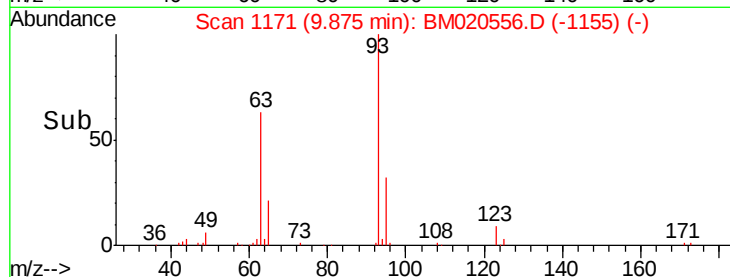
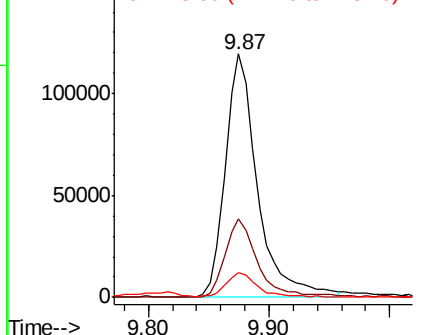


Abundance

Ion 93.00 (92.70 to 93.70): BM020545.D (-1164) (-)

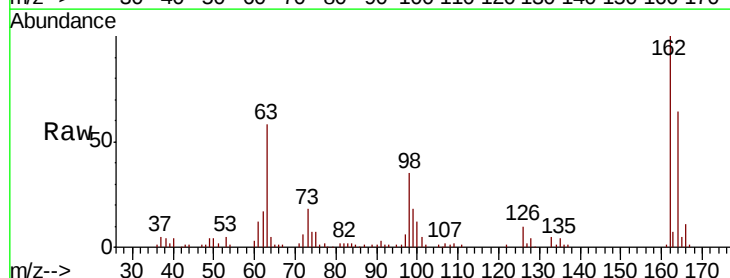
Ion 95.00 (94.70 to 95.70): BM020556.D (-1155) (-)

Ion 123.00 (122.70 to 123.70): BM020556.D (-1155) (-)



#29
2,4-Dichlorophenol
Concen: 46.706 ng
RT: 10.10 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion:	162	Resp:	191263
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.1	83.1
98	35.1	16.2	56.2

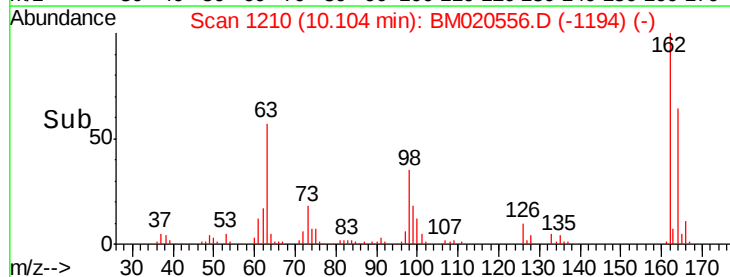
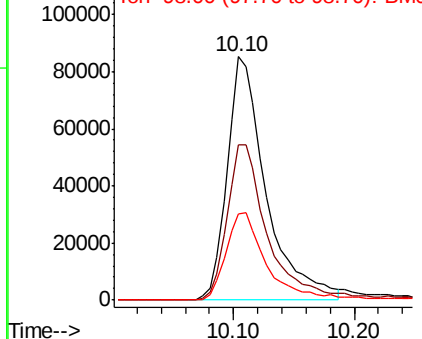


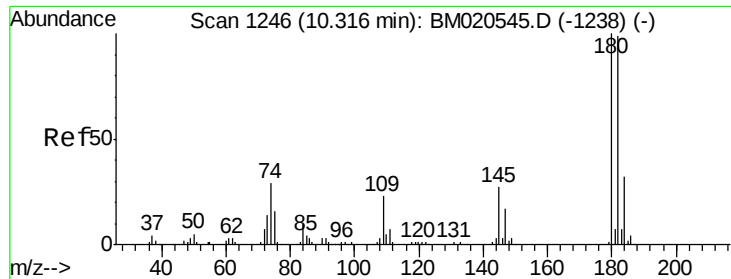
Abundance

Ion 162.00 (161.70 to 162.70): BM020545.D (-1204) (-)

Ion 164.00 (163.70 to 164.70): BM020556.D (-1194) (-)

Ion 98.00 (97.70 to 98.70): BM020556.D (-1194) (-)





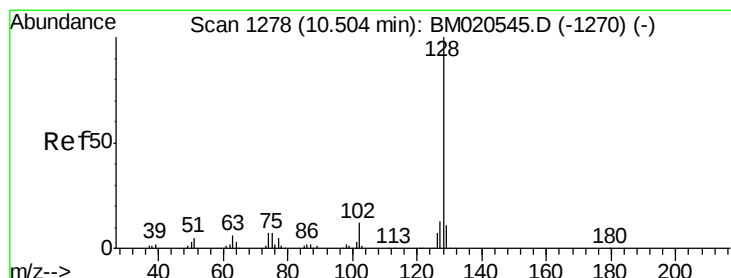
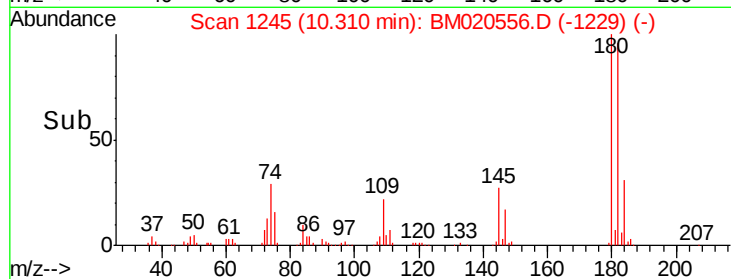
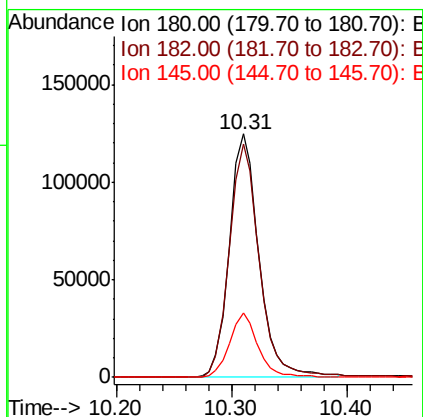
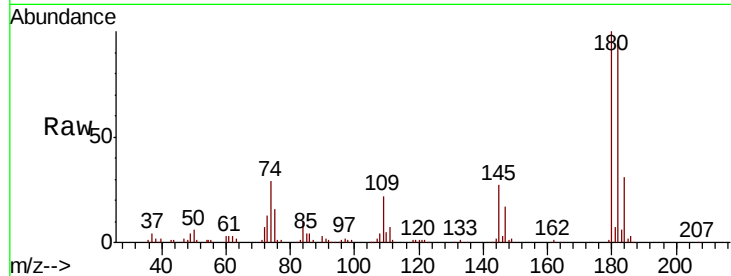
#30
1,2,4-Trichlorobenzene
Concen: 39.656 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.8	118.2
145	26.7	21.3	31.9

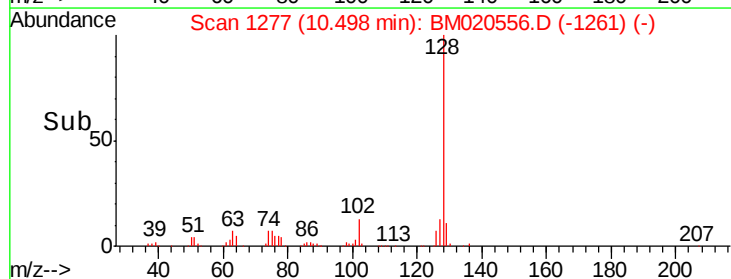
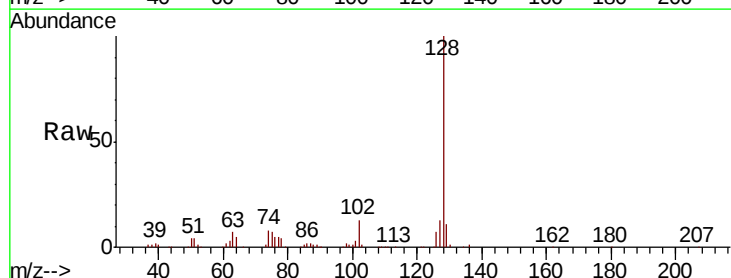
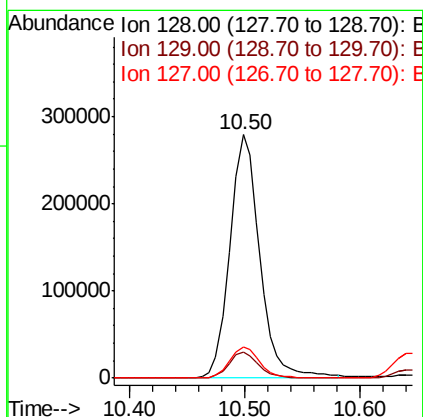
Manual Integrations
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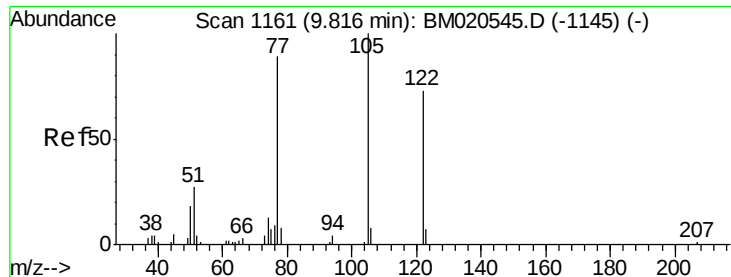
mohammad
5/27/2019 4:00:11 AM



#31
Naphthalene
Concen: 40.928 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.0	10.4	15.6





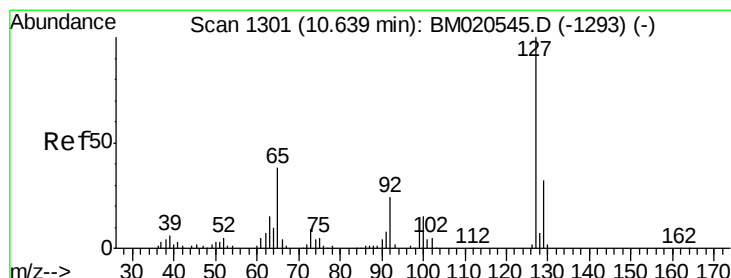
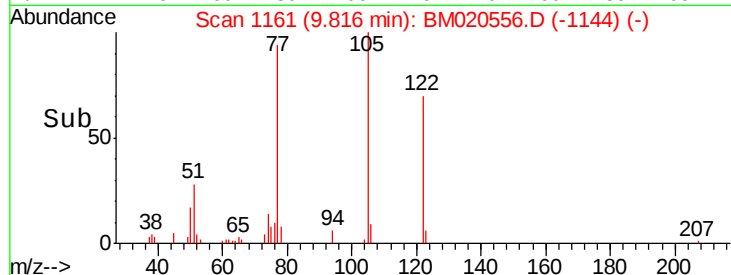
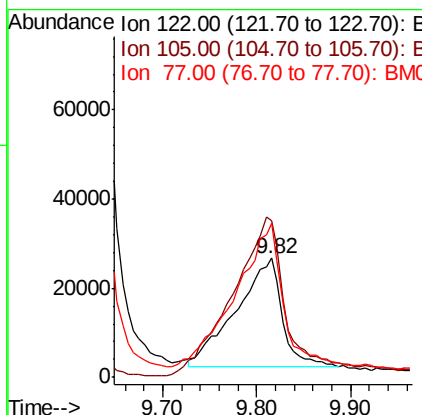
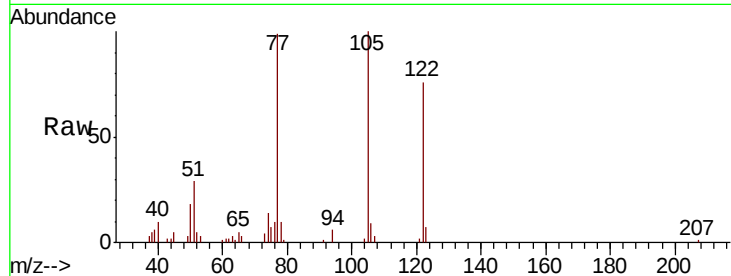
#32
Benzoic acid
Concen: 41.861 ng
RT: 9.82 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	131.1	108.8	148.8
77	129.3	97.8	137.8

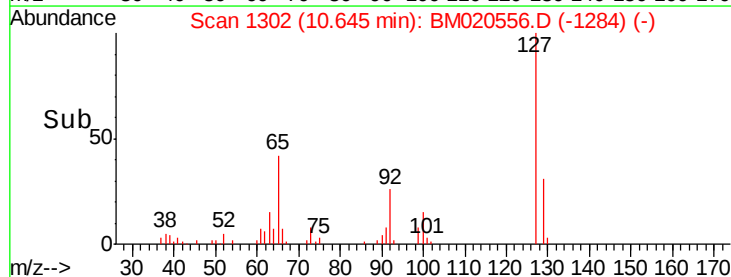
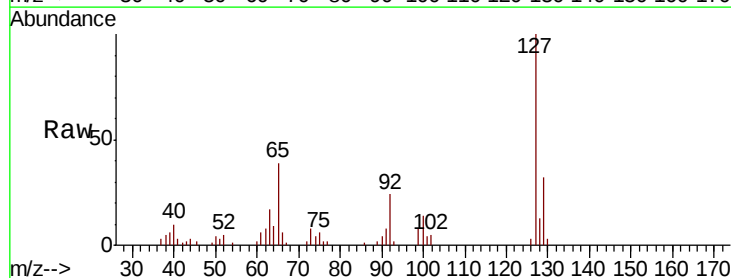
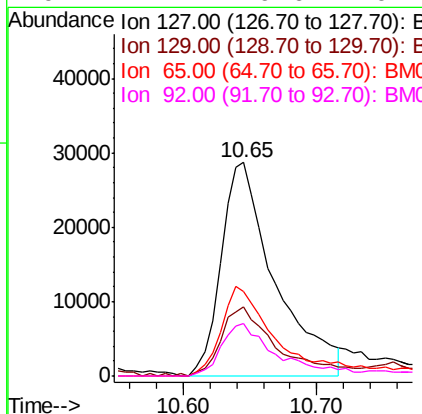
Manual Integrations
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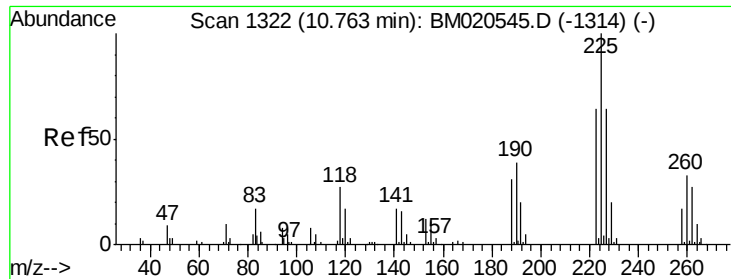
mohammad
5/27/2019 4:00:11 AM



#33
4-Chloroaniline
Concen: 16.428 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	39.4	30.6	45.8
92	24.4	19.6	29.4





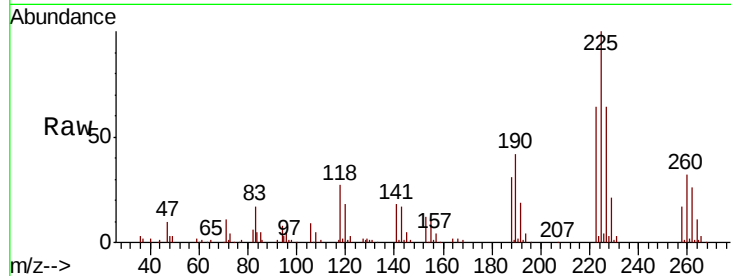
#34
Hexachlorobutadiene
Concen: 38.193 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	158994		
223	63.6		51.4	77.0
227	64.1		51.0	76.6

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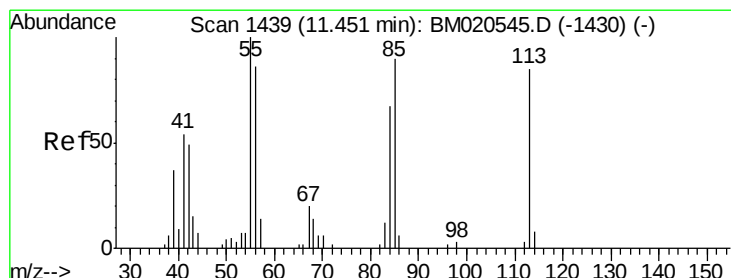
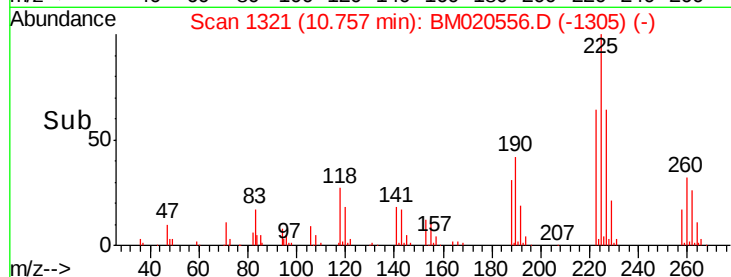
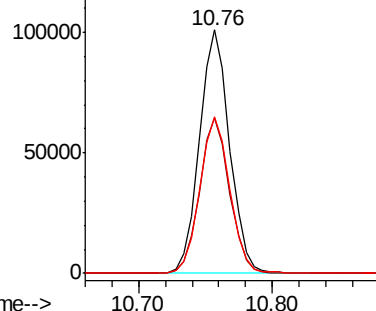


Abundance

Ion 225.00 (224.70 to 225.70): E

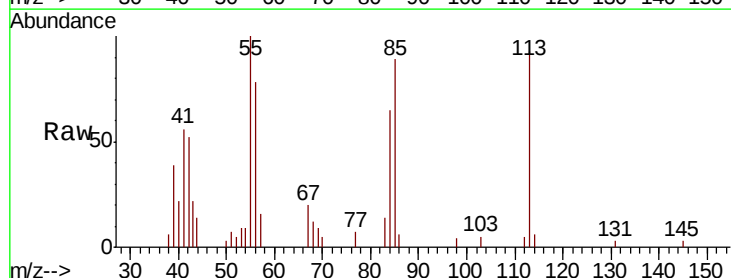
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 36.197 ng m
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	48784		
55	107.6		97.6	137.6
56	84.5		81.6	121.6

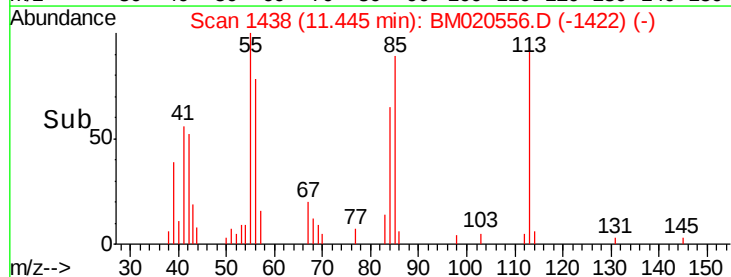
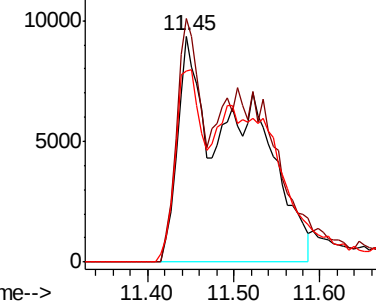


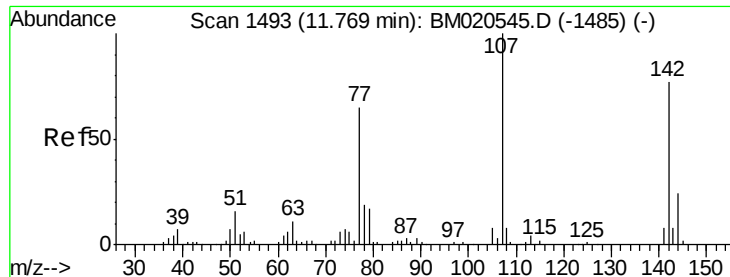
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0





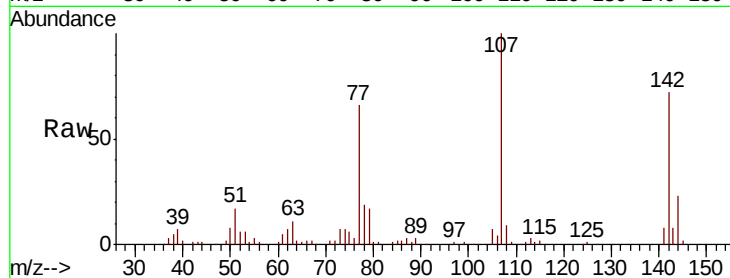
#36
4-Chloro-3-methylphenol
Concen: 45.536 ng
RT: 11.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.2	19.0	28.6
142	71.9	61.3	91.9

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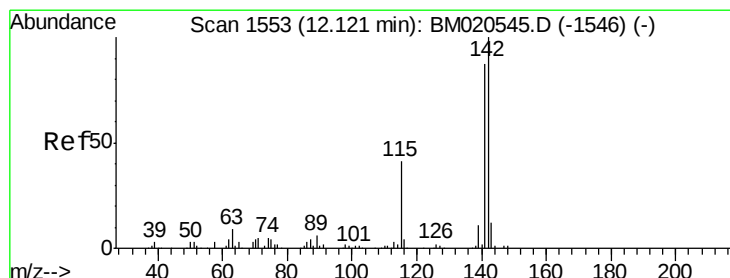
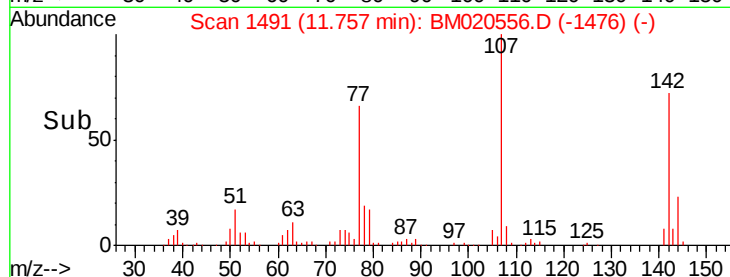
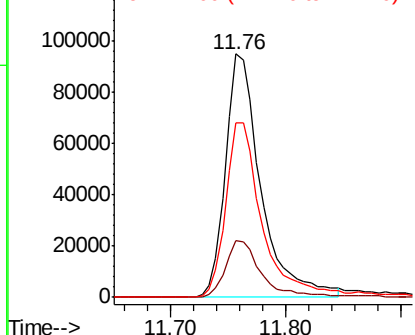


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 42.529 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

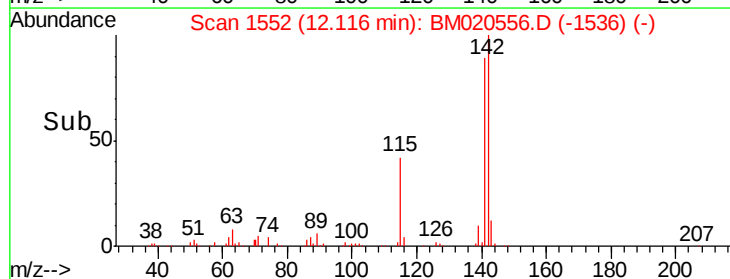
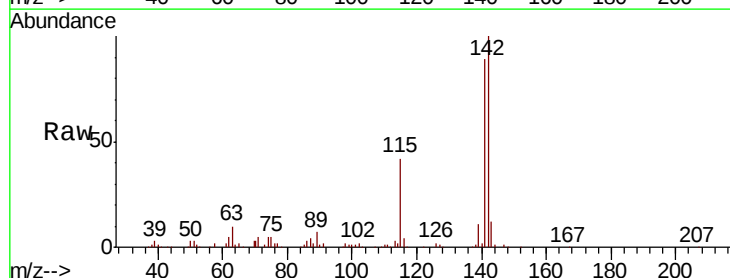
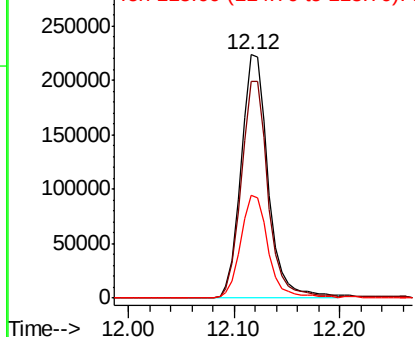
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.9	104.9
115	42.4	32.9	49.3

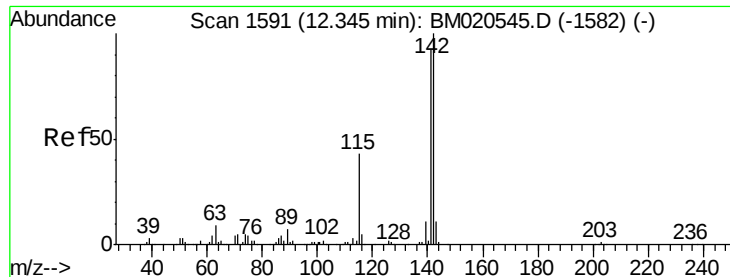
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





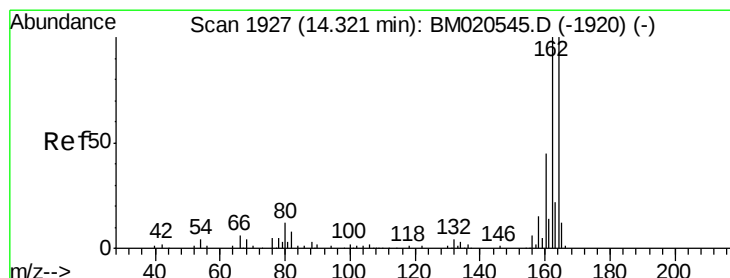
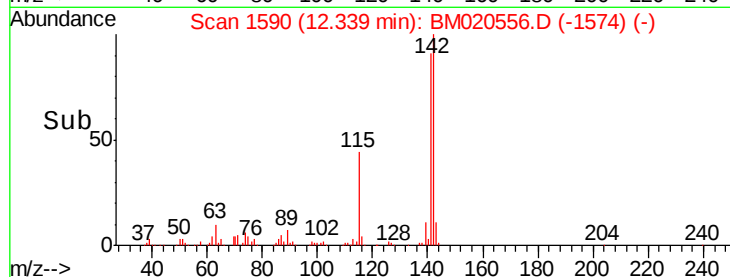
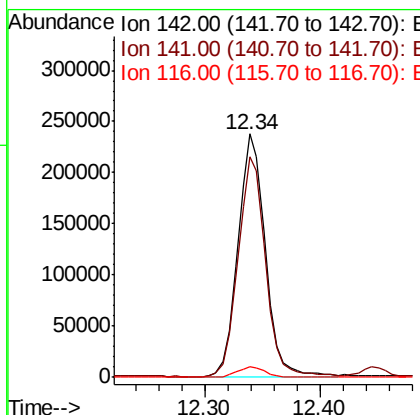
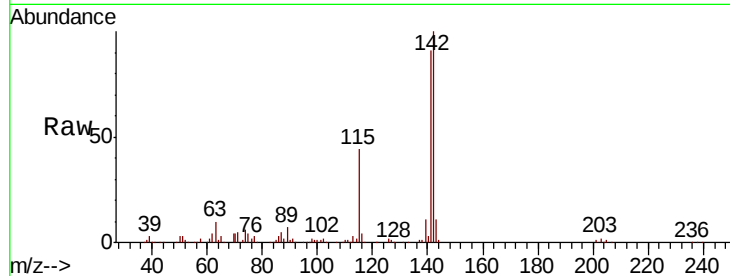
#38
1-Methylnaphthalene
Concen: 42.569 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.7	110.5
116	4.4	3.7	5.5

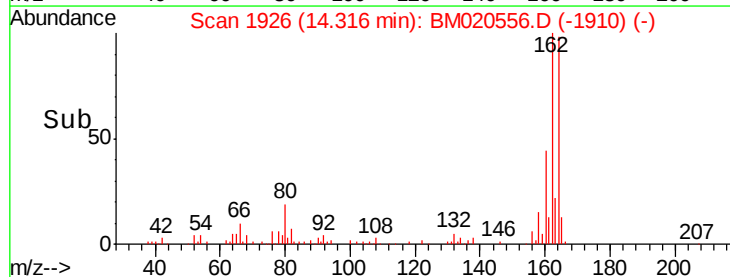
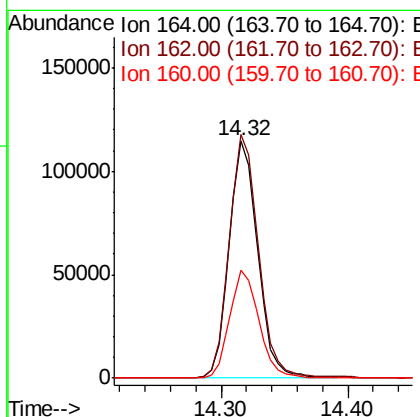
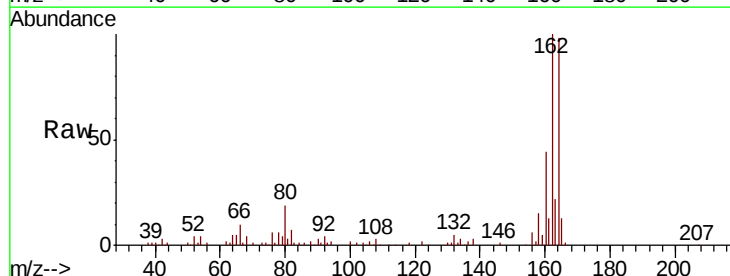
Manual Integrations
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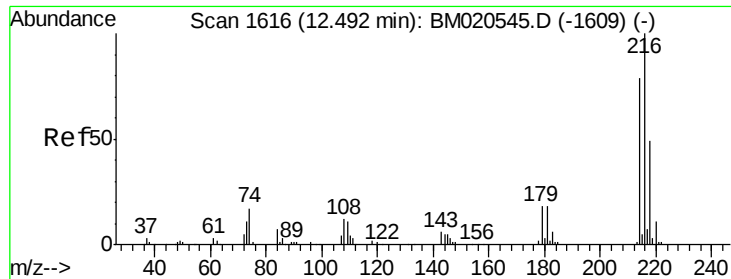
mohammad
5/27/2019 4:00:11 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.8	119.8
160	45.2	35.9	53.9





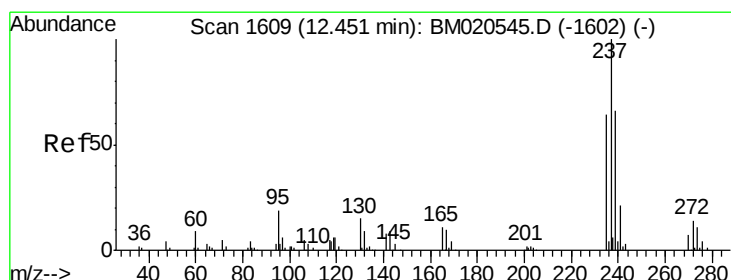
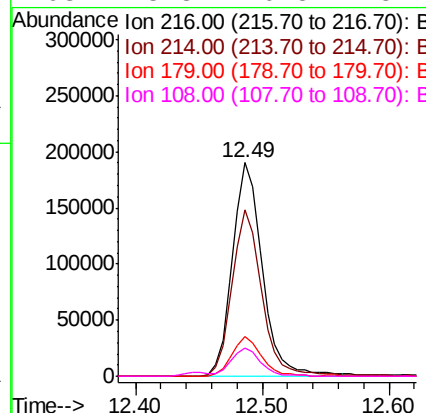
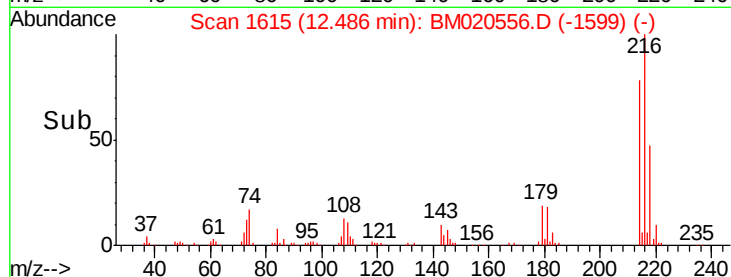
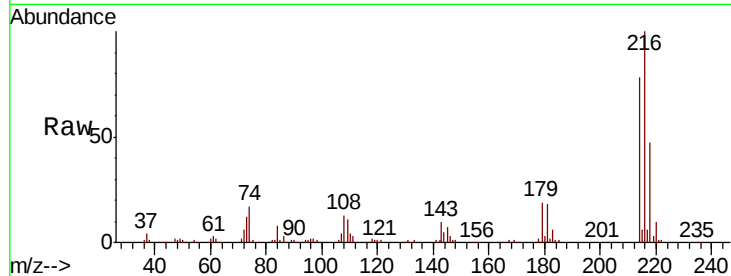
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.269 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	310799		
214	77.1	63.0	94.6	
179	18.2	14.8	22.2	
108	13.3	10.5	15.7	

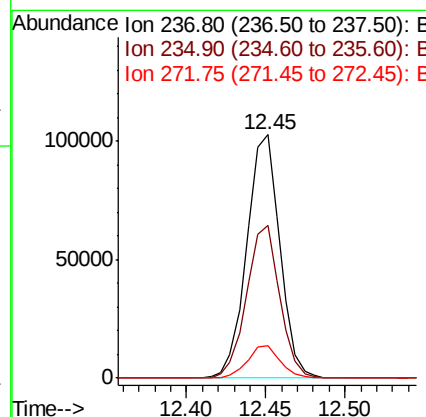
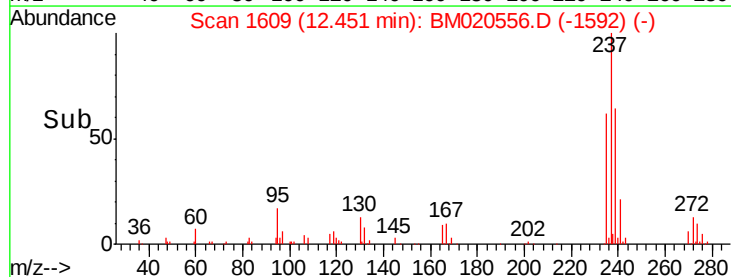
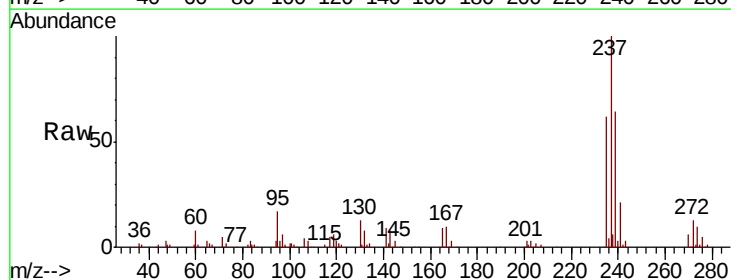
Manual Integrations
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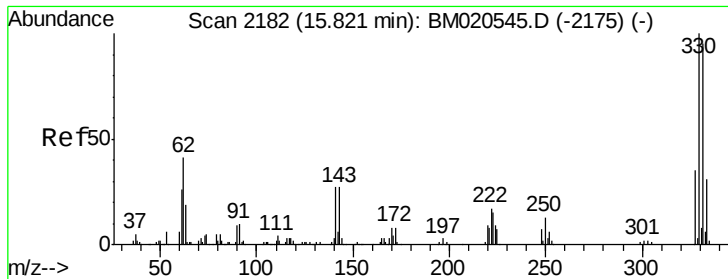
mohammad
5/27/2019 4:00:11 AM



#41
Hexachlorocyclopentadiene
Concen: 44.454 ng
RT: 12.45 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	148886		
235	62.5	43.5	83.5	
272	13.1	0.0	33.9	





#42

2,4,6-Tribromophenol

Concen: 80.067 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

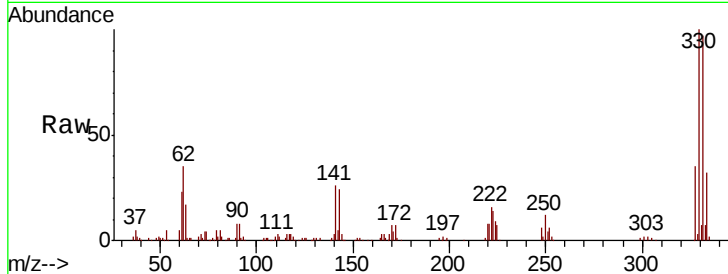
ClientSampleId :

PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	287384		
332	97.0		77.5	116.3
141	27.6		21.7	32.5

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mohammad
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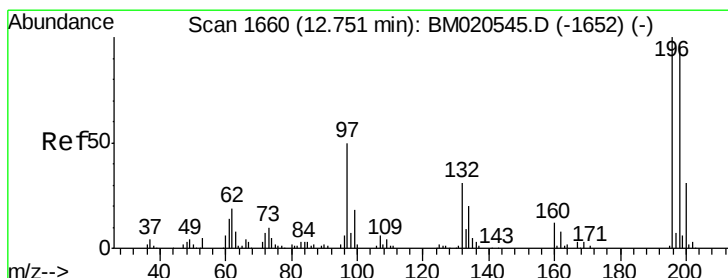
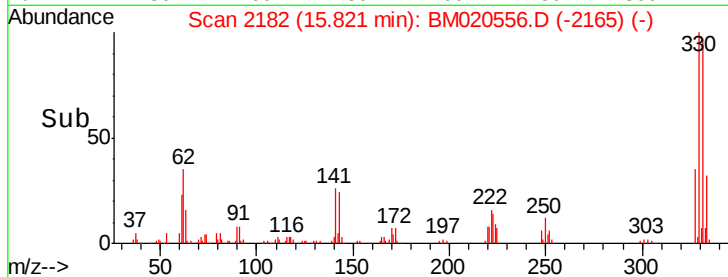
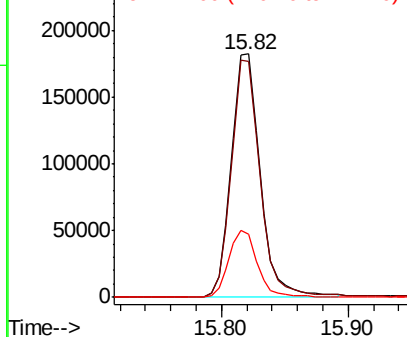


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 42.394 ng

RT: 12.75 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

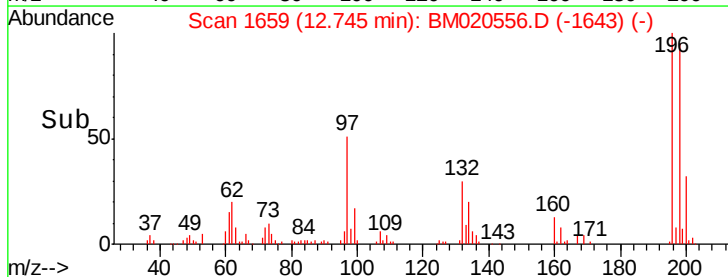
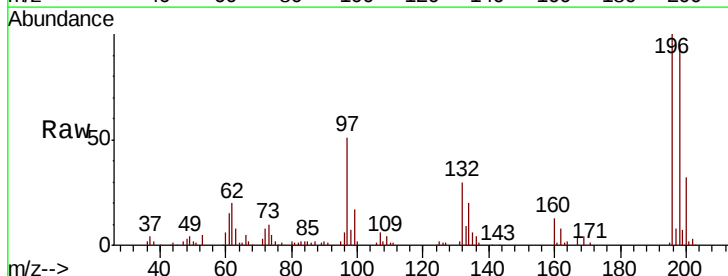
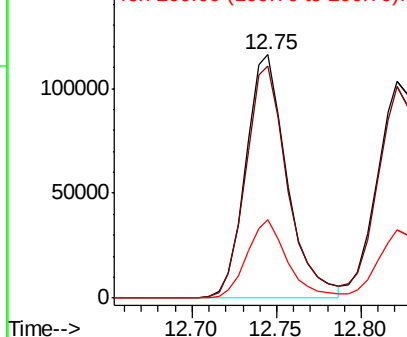
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197583		
198	95.4		76.4	114.6
200	32.3		25.0	37.4

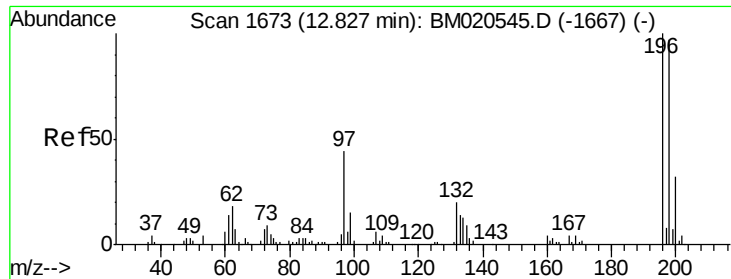
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





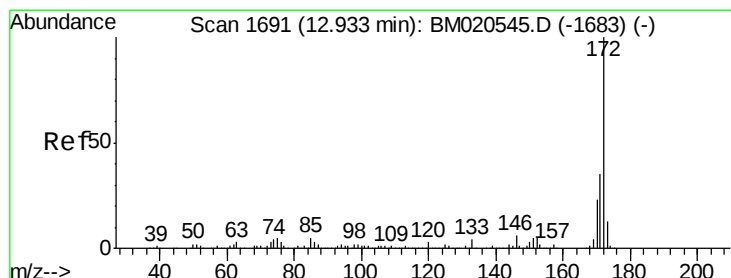
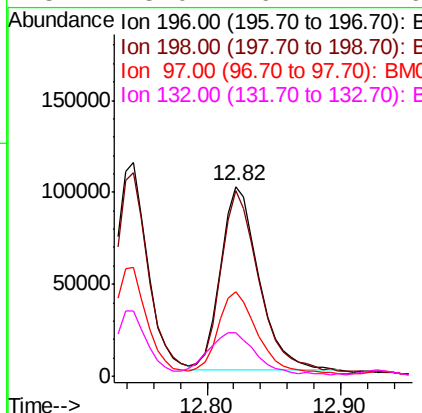
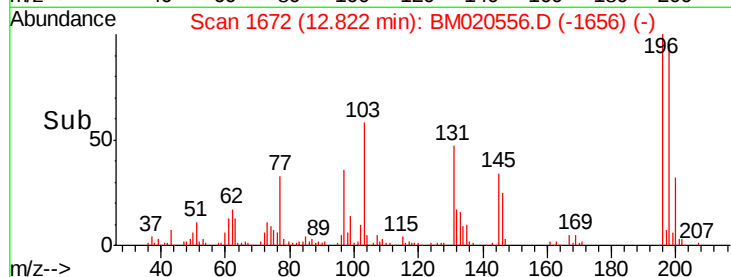
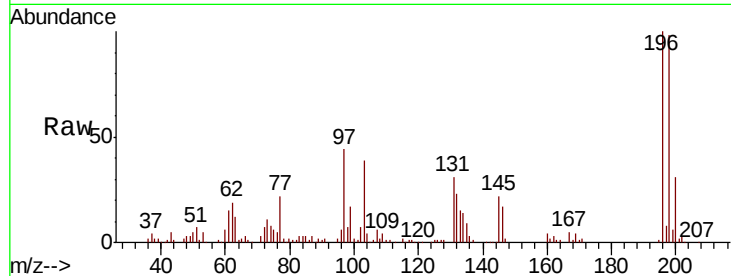
#44
 2,4,5-Trichlorophenol
 Concen: 46.610 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202856		
198	97.6	77.6	116.4	
97	44.3	35.4	53.0	
132	23.0	16.4	24.6	

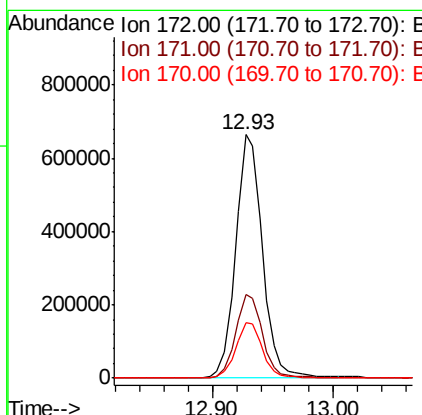
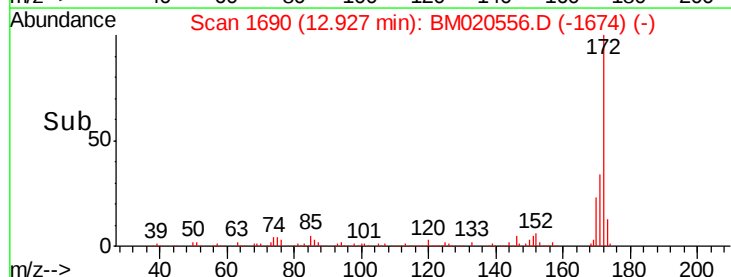
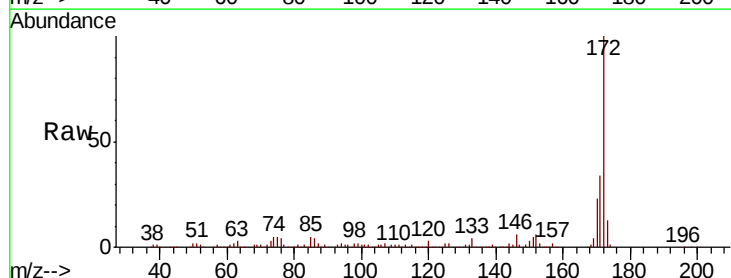
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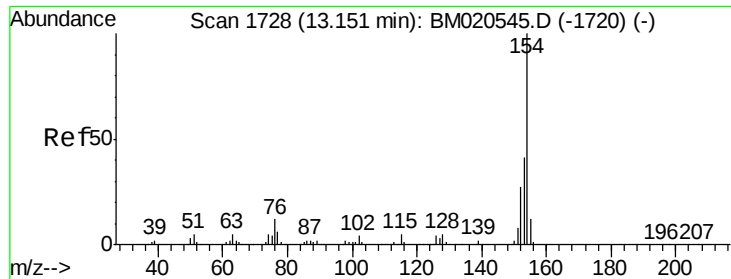
mohammad
 5/27/2019 4:00:11 AM



#45
 2-Fluorobiphenyl
 Concen: 71.750 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1024409		
171	34.4	27.9	41.9	
170	22.9	18.2	27.4	





#46

1,1'-Biphenyl

Concen: 41.574 ng

RT: 13.15 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

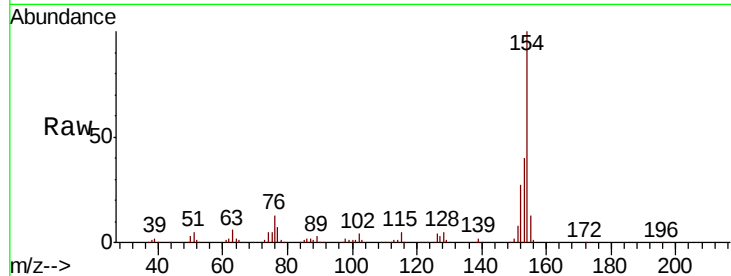
ClientSampleId :

PB120010BS

Tot Ion:	154	Resp:	573637
Ion Ratio		Lower	Upper
154	100		
153	40.3	20.6	60.6
76	12.8	0.0	32.2

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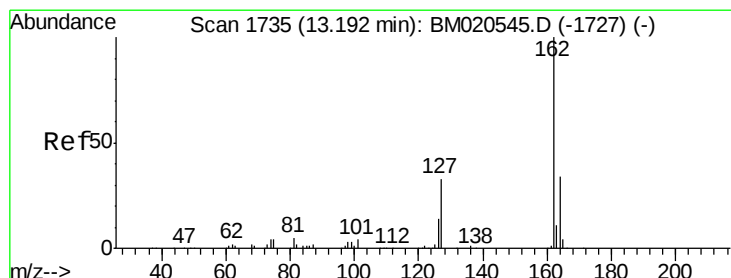
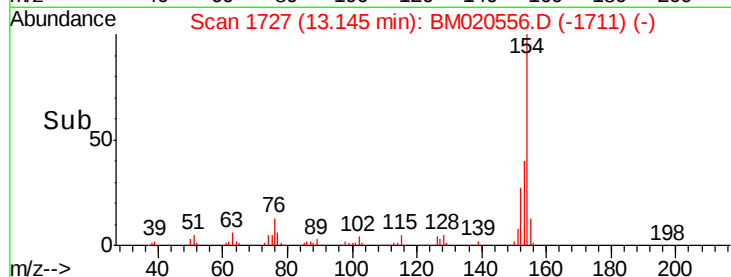
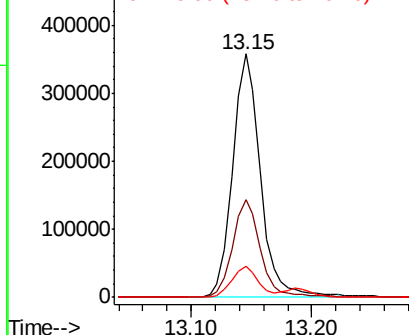


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#47

2-Chloronaphthalene

Concen: 39.289 ng

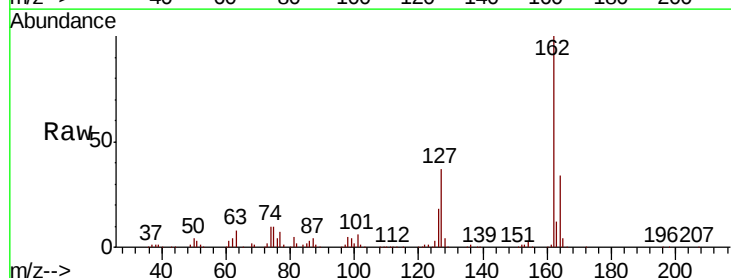
RT: 13.19 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	162	Resp:	459545
Ion Ratio		Lower	Upper
162	100		
127	36.7	29.2	43.8
164	33.6	27.4	41.2

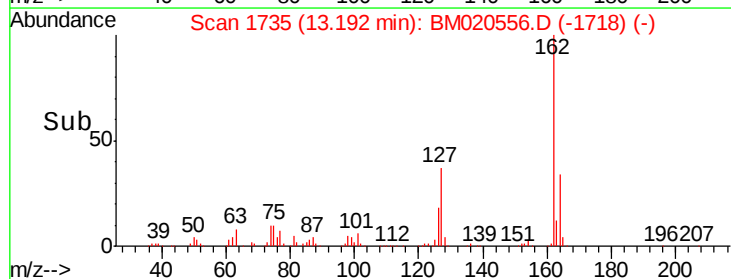
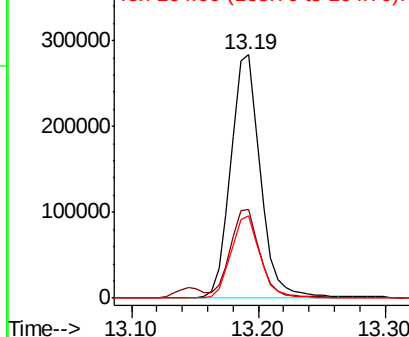


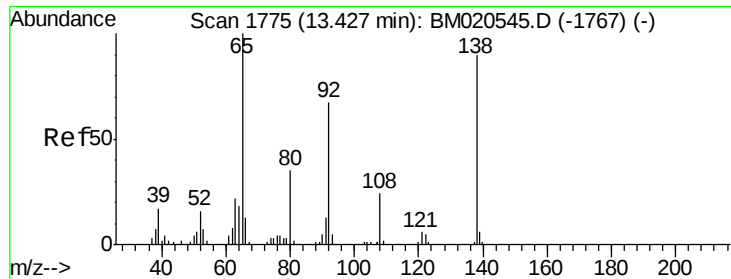
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





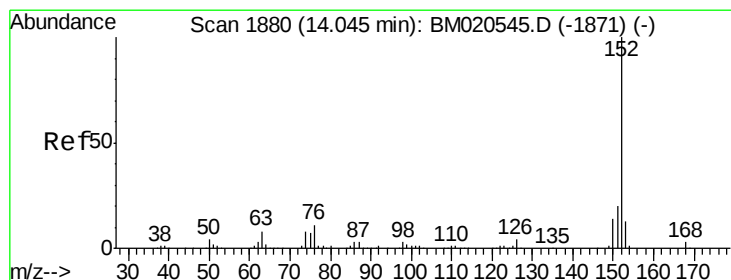
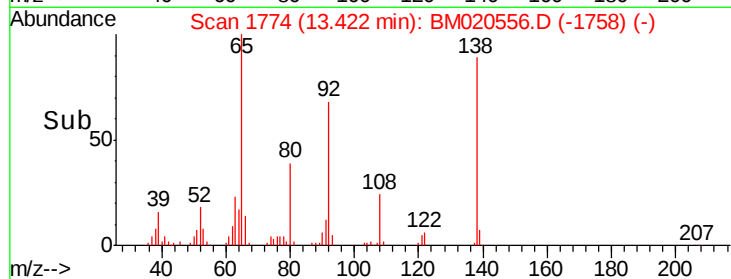
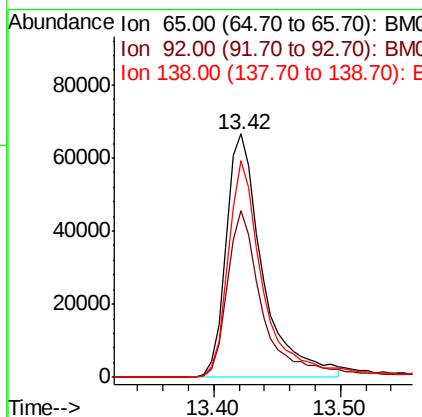
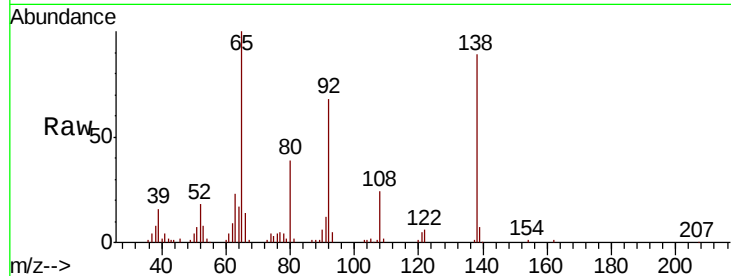
#48
2-Nitroaniline
Concen: 37.523 ng
RT: 13.42 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.6	80.4
138	88.9	72.0	108.0

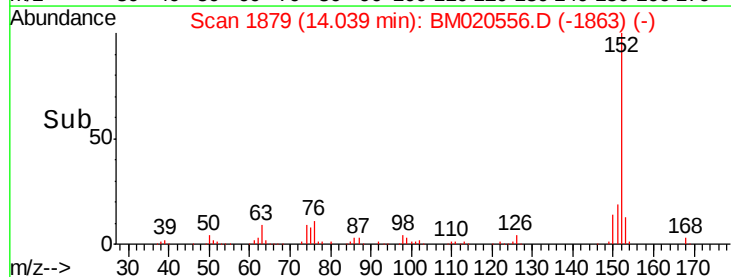
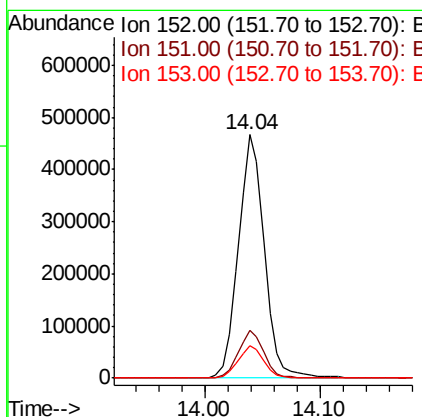
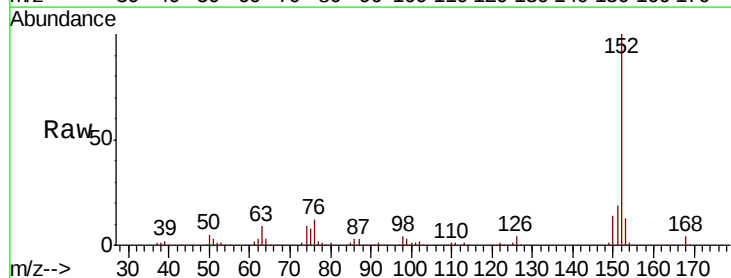
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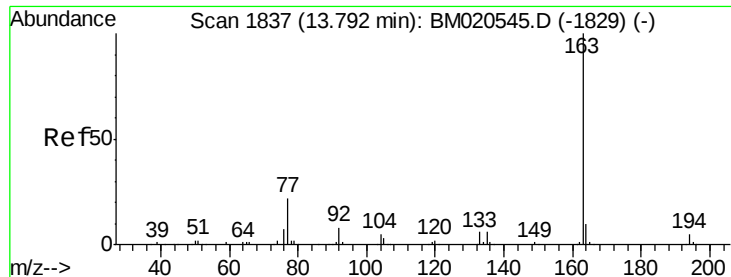
mohammad
5/27/2019 4:00:11 AM



#49
Acenaphthylene
Concen: 40.774 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.2	15.2





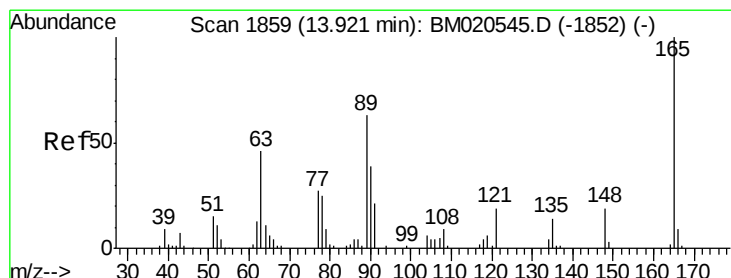
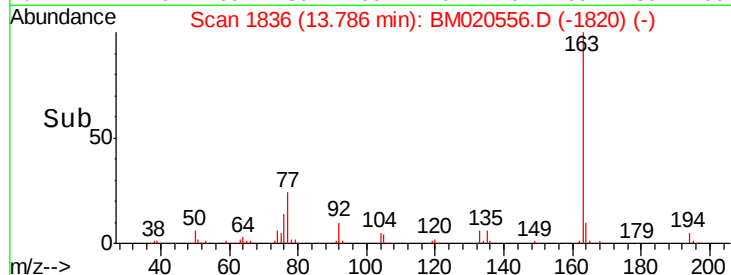
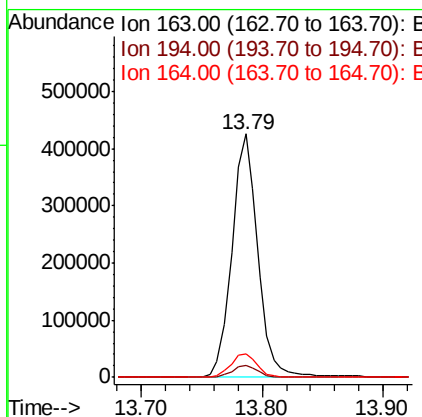
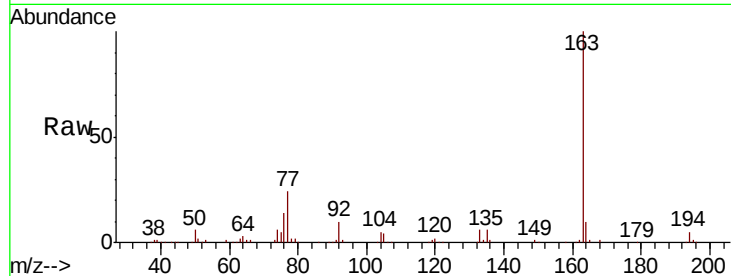
#50
Dimethylphthalate
Concen: 39.988 ng
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	634547		
194	4.8		3.9	5.9
164	9.9		8.0	12.0

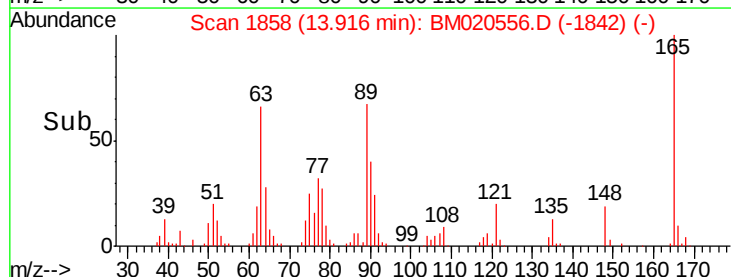
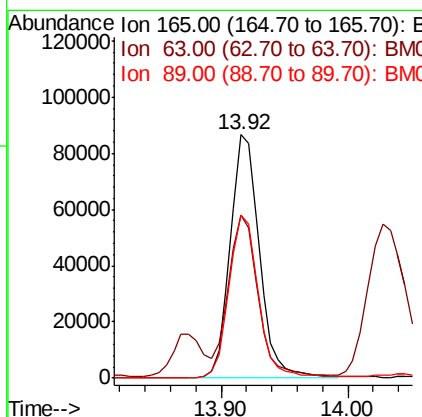
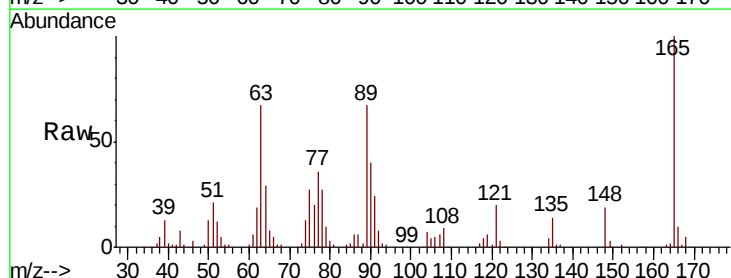
Manual Integrations
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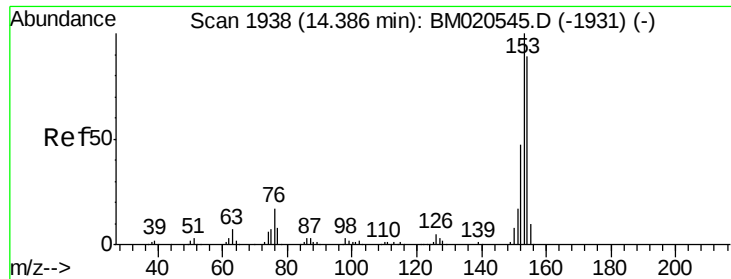
mohammad
5/27/2019 4:00:11 AM



#51
2,6-Dinitrotoluene
Concen: 41.830 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138346		
63	66.7		49.6	74.4
89	66.8		50.8	76.2





#52

Acenaphthene

Concen: 40.623 ng

RT: 14.38 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

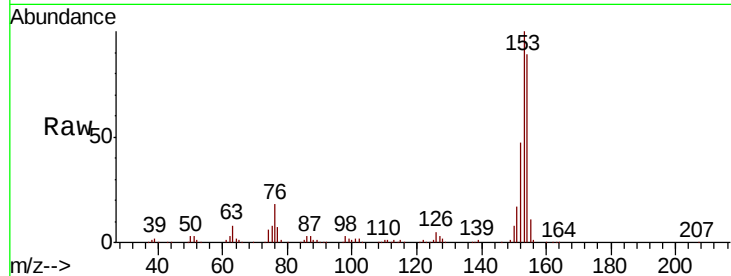
ClientSampleId :

PB120010BS

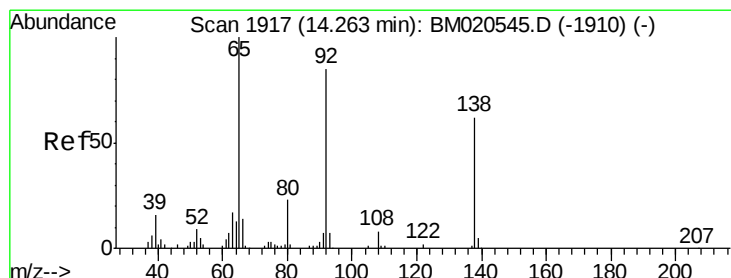
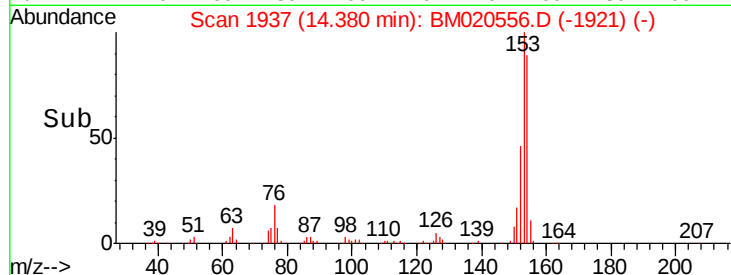
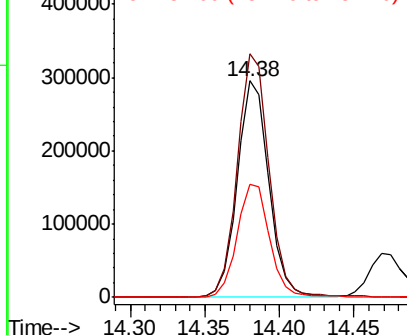
Tot Ion:	154	Resp:	435444
Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.2	135.4
152	52.3	42.0	63.0

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



#53

3-Nitroaniline

Concen: 27.045 ng

RT: 14.26 min Scan# 1916

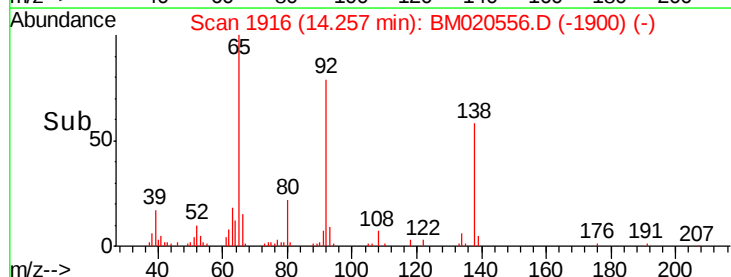
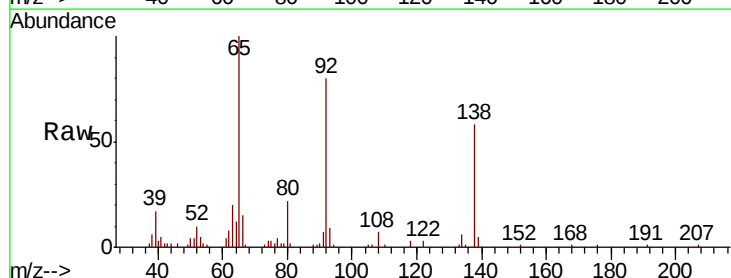
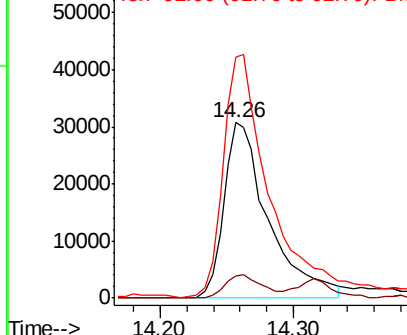
Delta R.T. -0.01 min

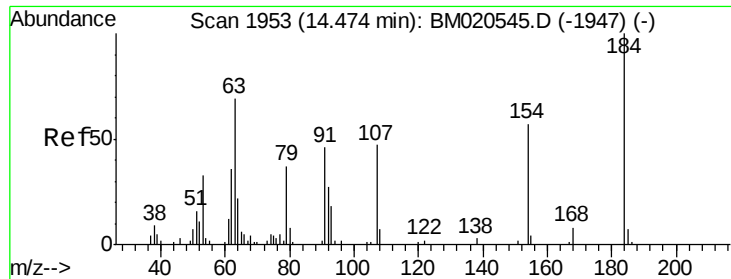
Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	138	Resp:	71587
Ion	Ratio	Lower	Upper
138	100		
108	12.4	10.1	15.1
92	137.9	109.5	164.3

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





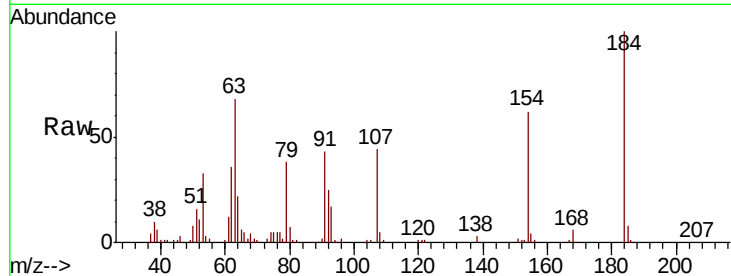
#54
2,4-Dinitrophenol
Concen: 81.225 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	175375		
63	68.4	56.3	84.5	
154	61.8	49.0	73.6	

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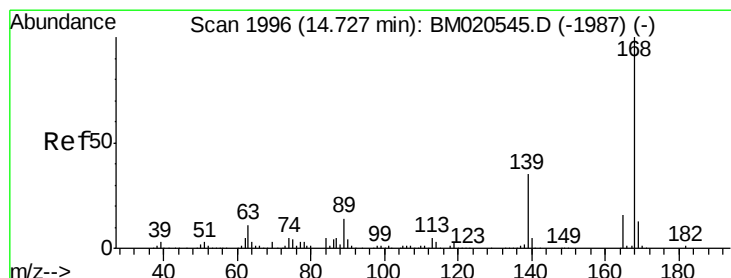
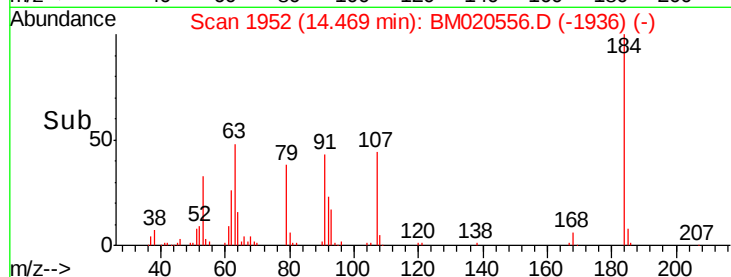
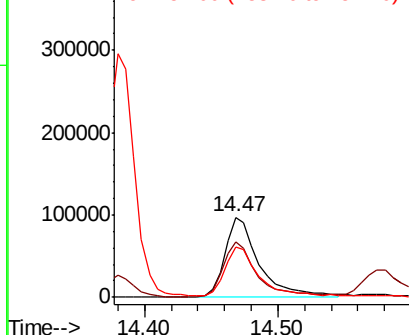


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 42.297 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

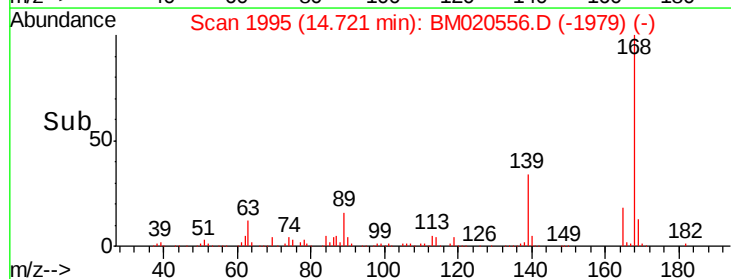
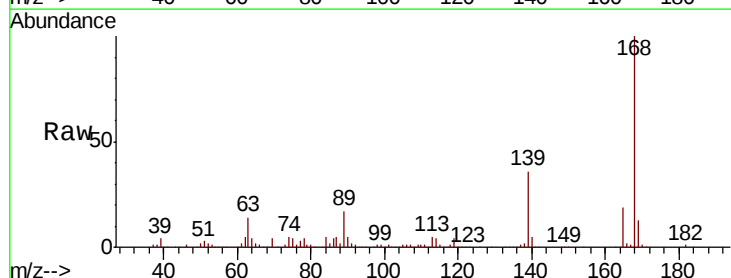
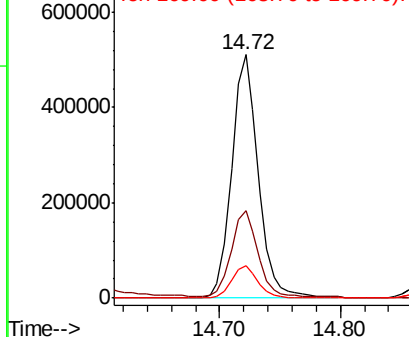
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	784572		
139	36.1	28.2	42.4	
169	13.4	10.6	16.0	

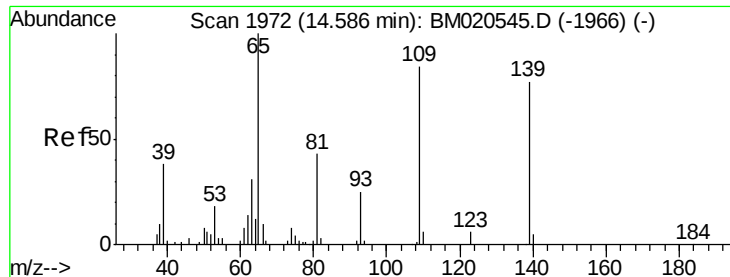
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





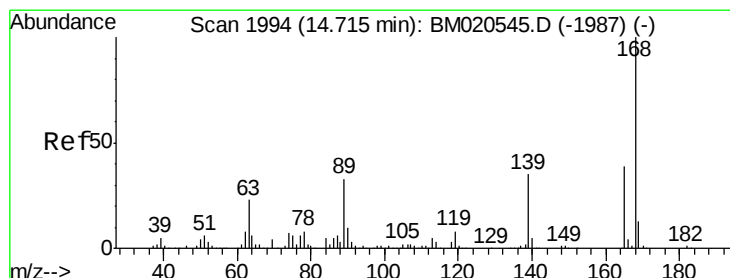
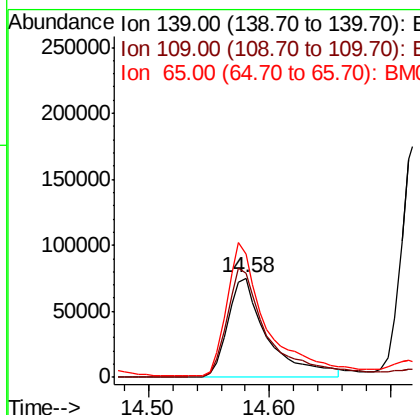
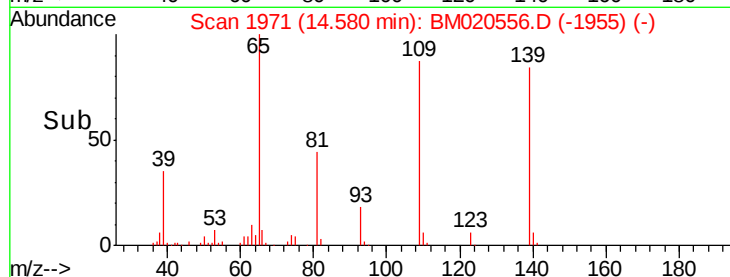
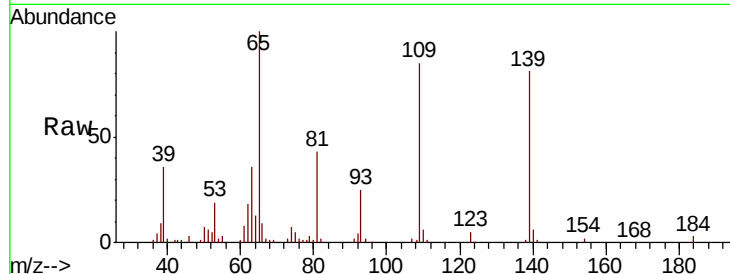
#56
 4-Nitrophenol
 Concen: 79.097 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Instrument :
 BNA_M
 ClientSampleID :
 PB120010BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	104.5	89.4	129.4
65	123.3	113.3	153.3

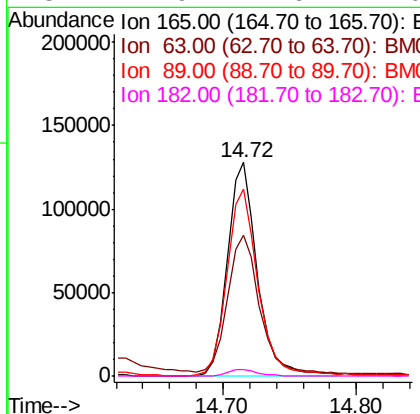
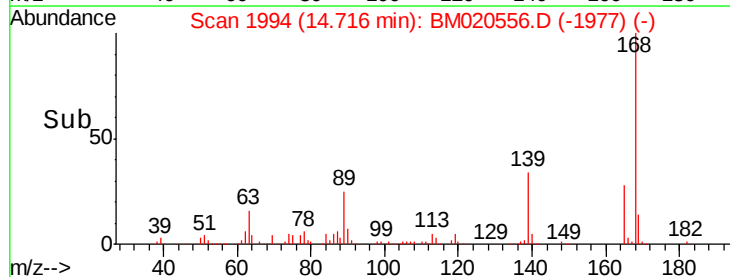
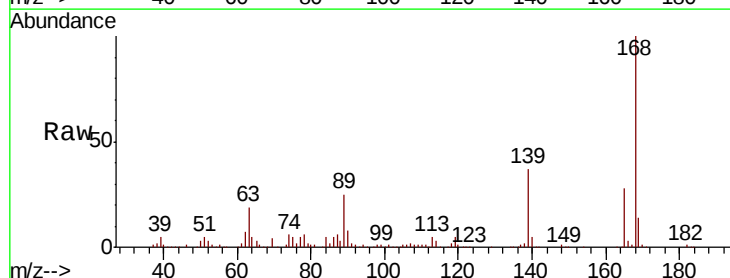
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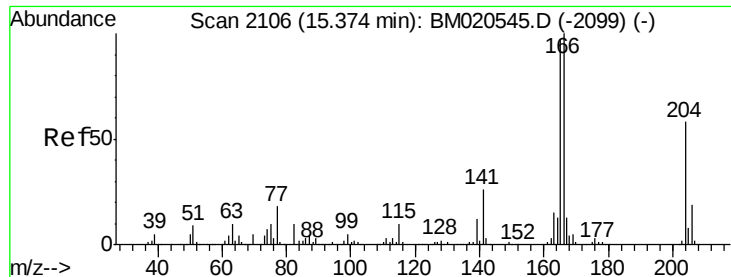
mohammad
 5/27/2019 4:00:11 AM



#57
 2,4-Dinitrotoluene
 Concen: 42.010 ng
 RT: 14.72 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.0	48.7	73.1
89	87.6	68.8	103.2
182	2.9	2.6	4.0





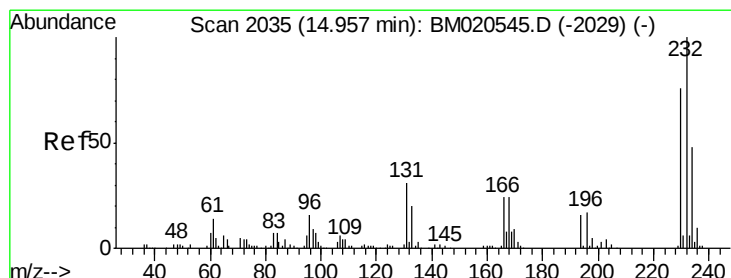
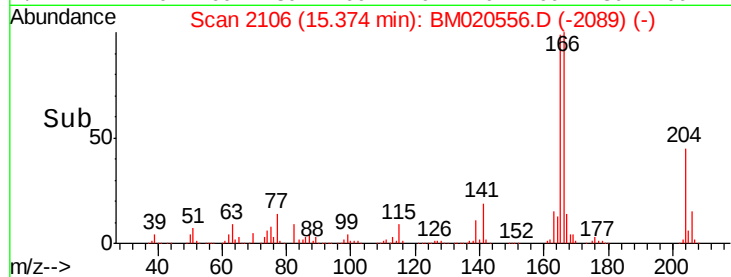
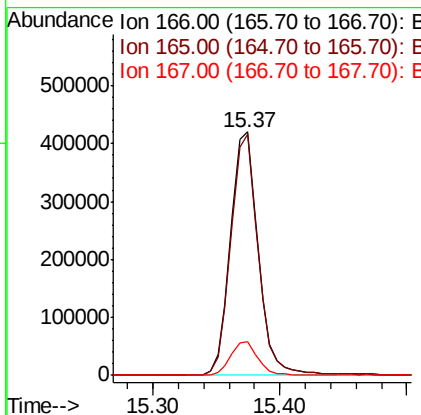
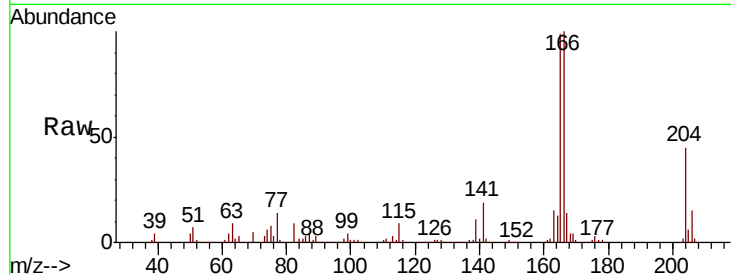
#58
 Fluorene
 Concen: 41.197 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Instrument :
 BNA_M
 ClientSampled :
 PB120010BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.4	116.0
167	13.7	10.6	16.0

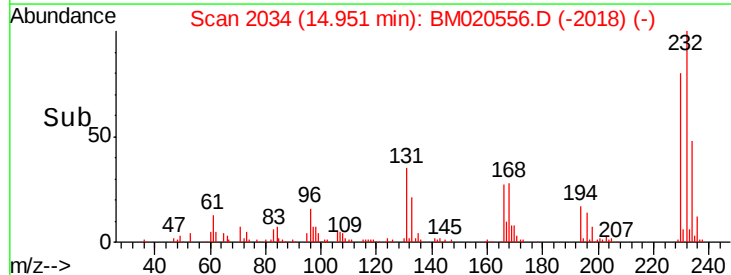
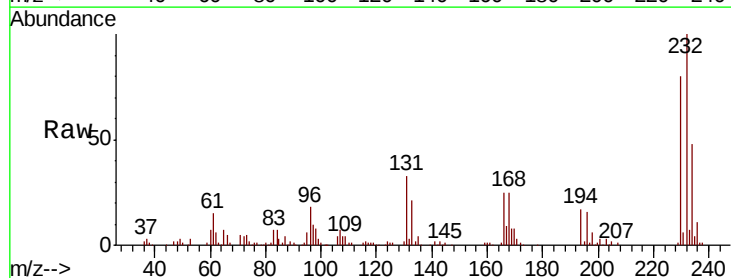
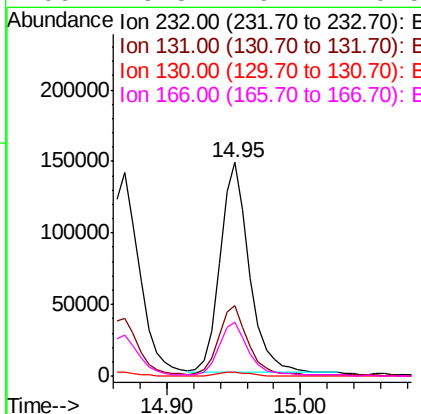
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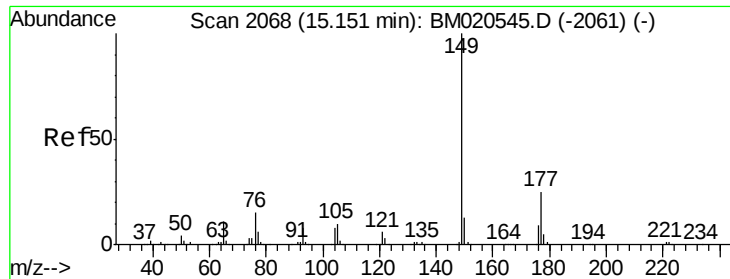
mohammad
 5/27/2019 4:00:11 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.536 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.2	25.4	38.0
130	1.9	1.5	2.3
166	25.3	19.7	29.5





#60

Diethylphthalate

Concen: 40.161 ng

RT: 15.15 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

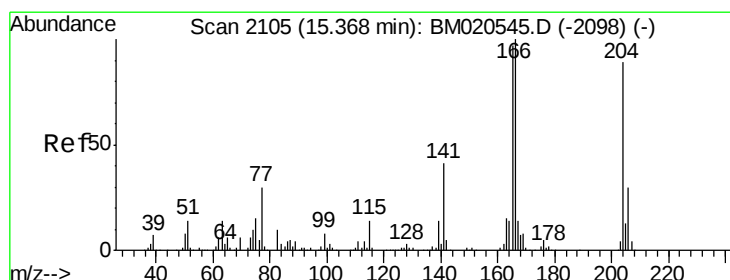
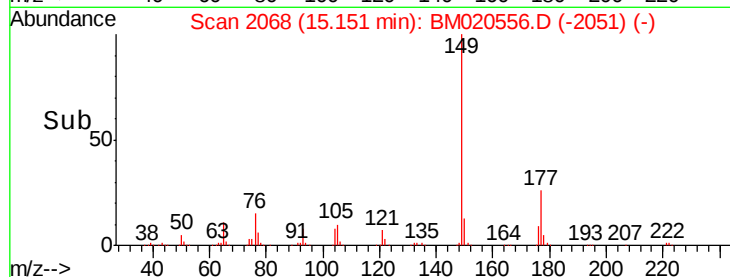
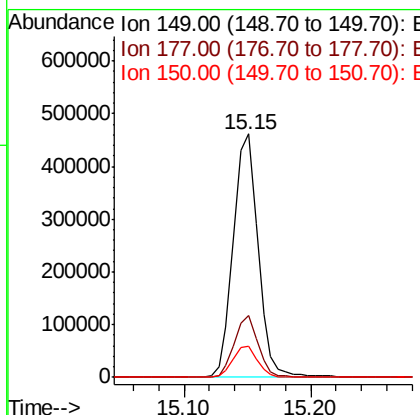
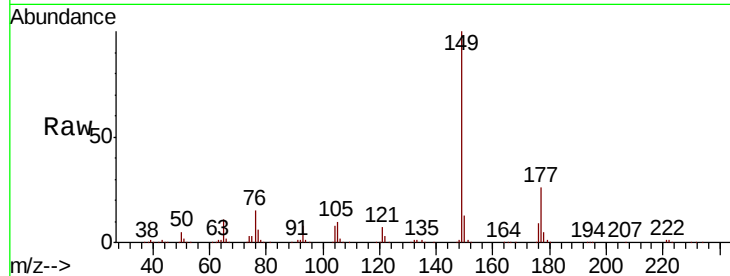
ClientSampleId :

PB120010BS

Tot Ion:	149	Resp:	627909
Ion Ratio		Lower	Upper
149	100		
177	25.5	19.8	29.8
150	12.9	10.2	15.2

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#61

4-Chlorophenyl-phenylether

Concen: 40.985 ng

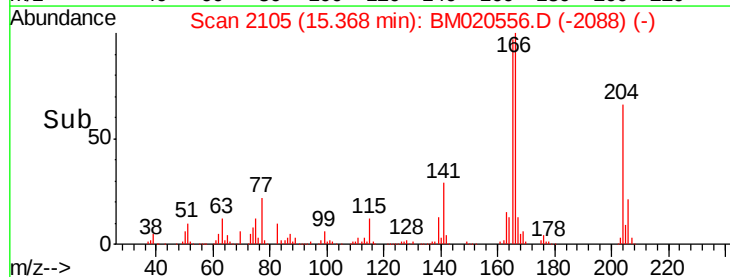
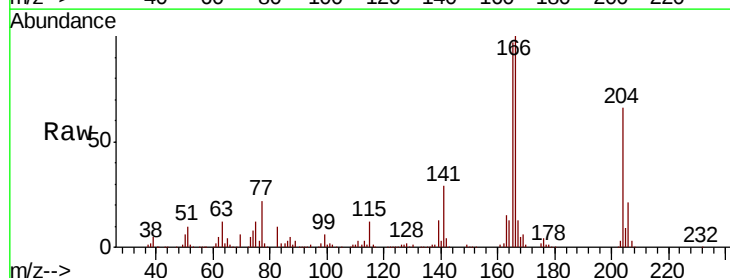
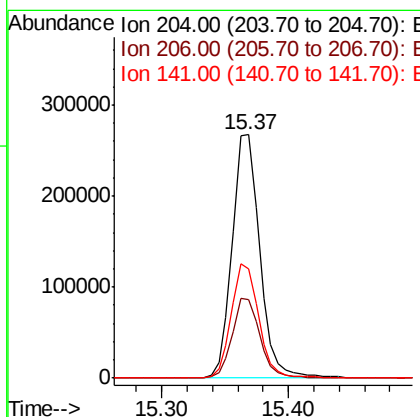
RT: 15.37 min Scan# 2105

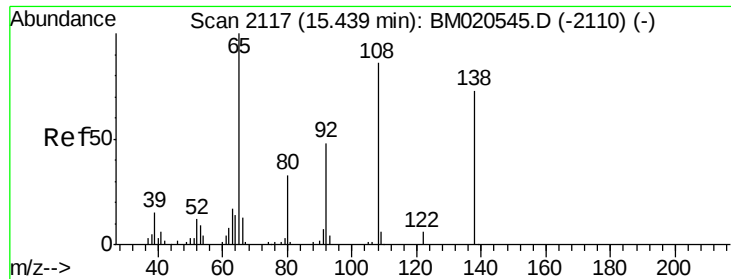
Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	204	Resp:	403164
Ion Ratio		Lower	Upper
204	100		
206	32.2	26.6	40.0
141	44.6	36.9	55.3





#62

4-Nitroaniline

Concen: 31.492 ng

RT: 15.43 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

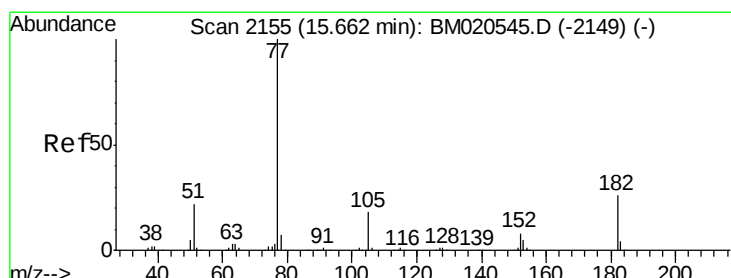
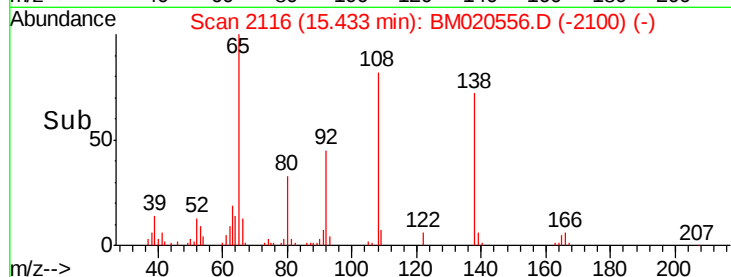
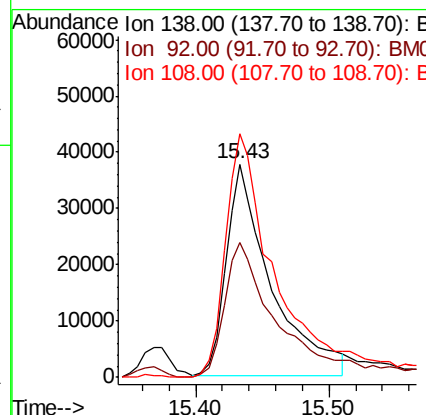
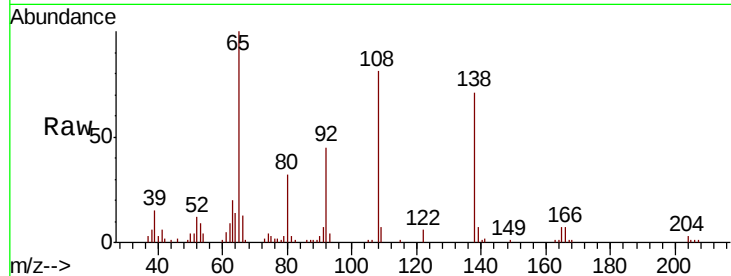
ClientSampleId :

PB120010BS

Tot Ion:	138	Resp:	87551
Ion	Ratio	Lower	Upper
138	100		
92	63.0	44.5	84.5
108	114.1	95.9	135.9

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#63

Azobenzene

Concen: 42.192 ng

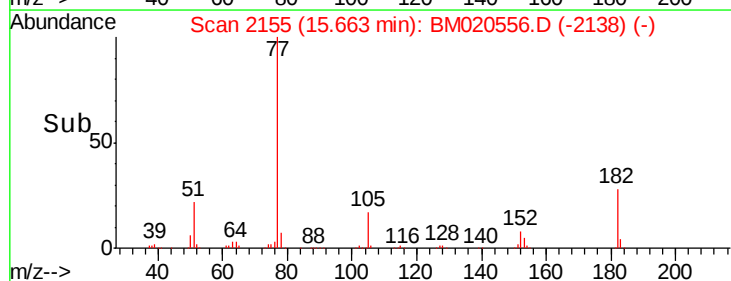
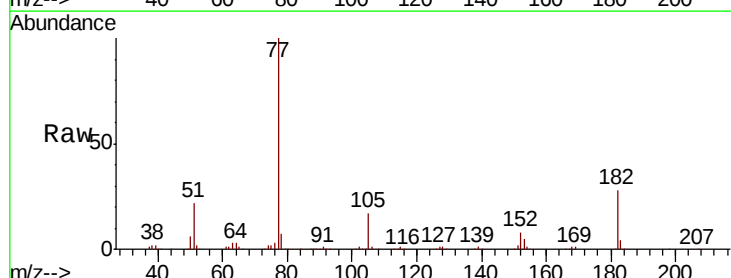
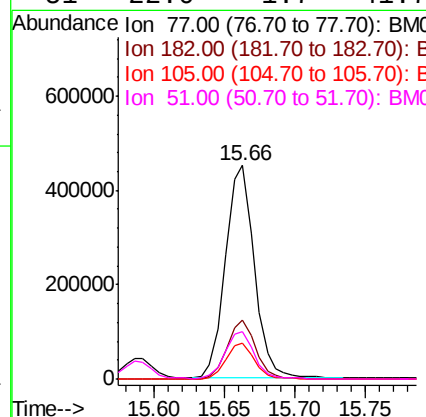
RT: 15.66 min Scan# 2155

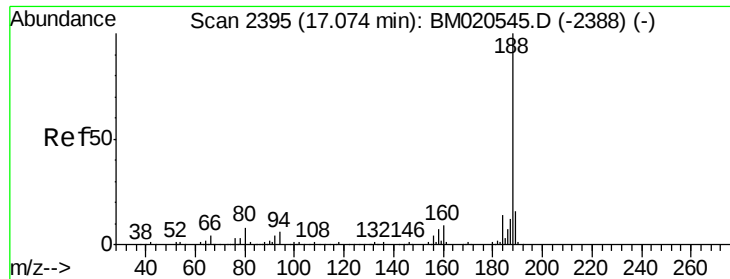
Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	77	Resp:	641899
Ion	Ratio	Lower	Upper
77	100		
182	27.6	5.7	45.7
105	17.0	0.0	37.6
51	22.0	1.7	41.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

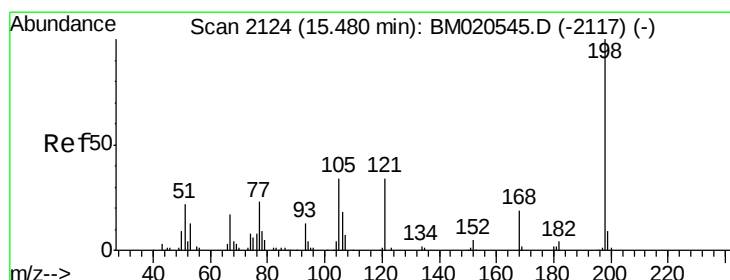
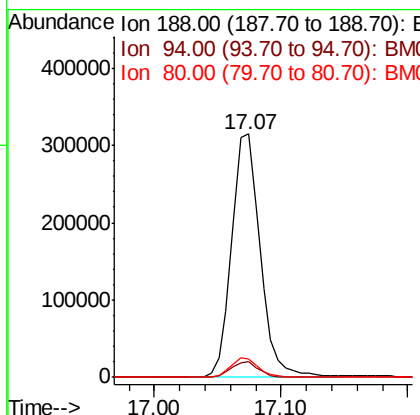
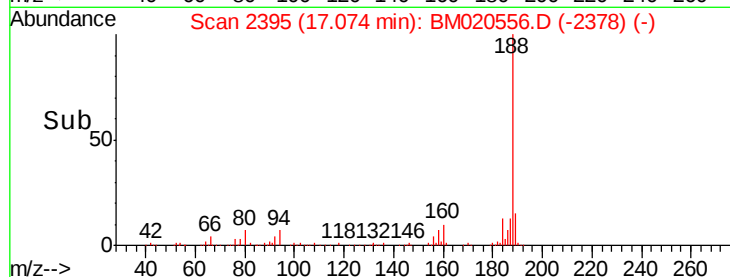
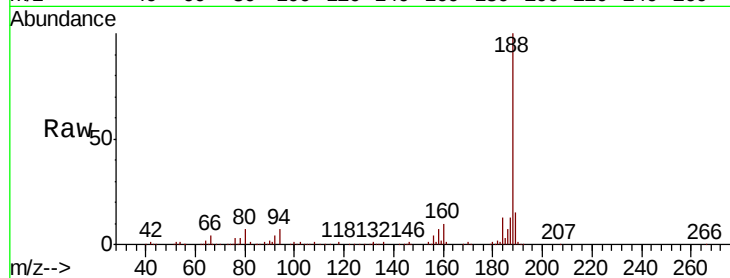
ClientSampleId :

PB120010BS

Tot Ion	188	Resp	490285
Ion Ratio	Lower	Upper	
188	100		
94	6.7	5.0	7.4
80	7.5	6.5	9.7

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#65

4,6-Dinitro-2-methylphenol

Concen: 41.185 ng

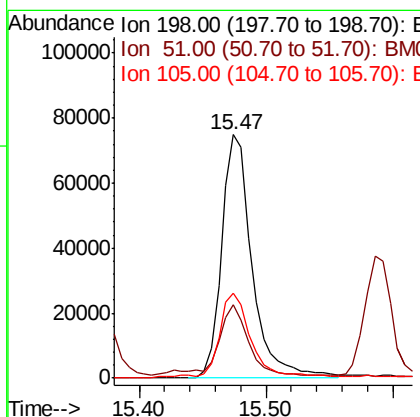
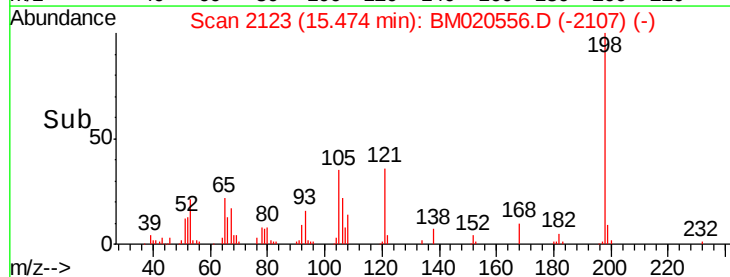
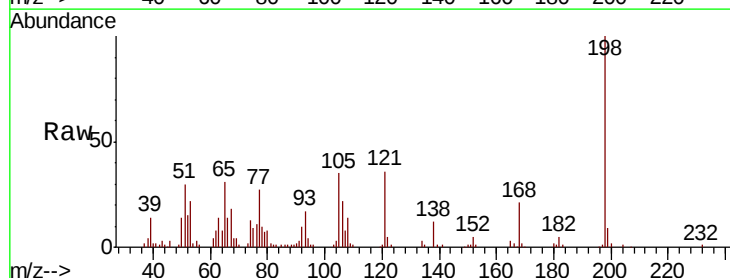
RT: 15.47 min Scan# 2123

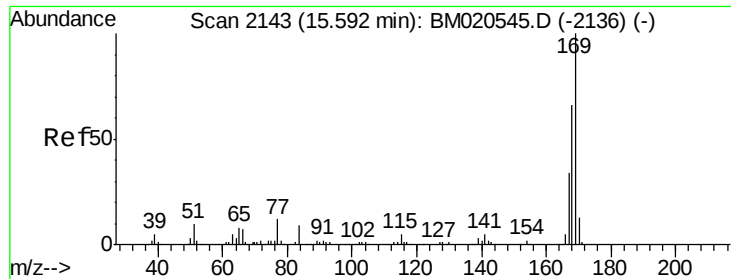
Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion	198	Resp	124698
Ion Ratio	Lower	Upper	
198	100		
51	30.0	6.4	46.4
105	34.9	15.1	55.1





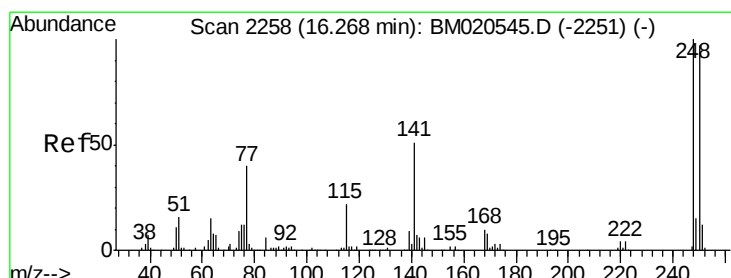
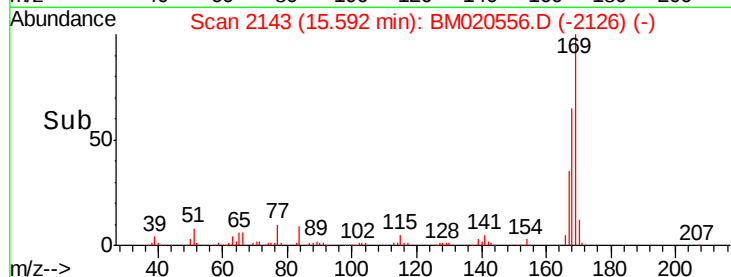
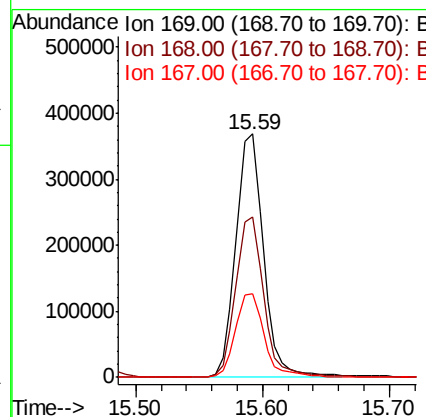
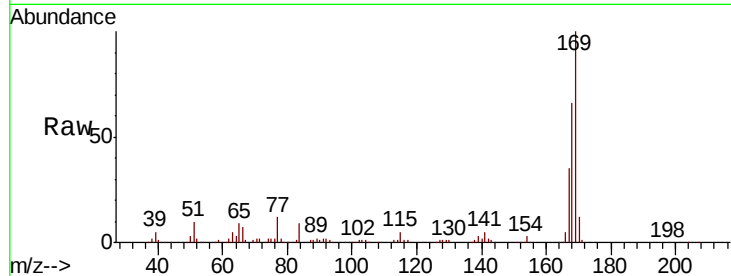
#66
 n-Nitrosodiphenylamine
 Concen: 41.829 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	556067		
168	65.9		52.5	78.7
167	34.6		27.5	41.3

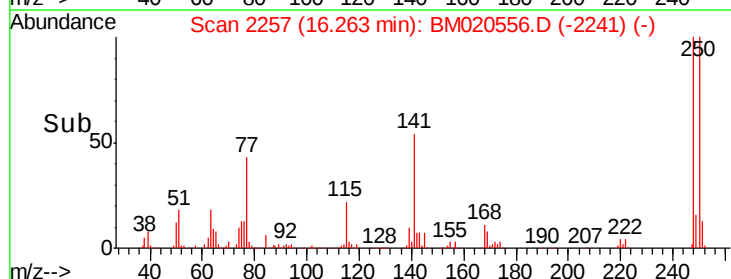
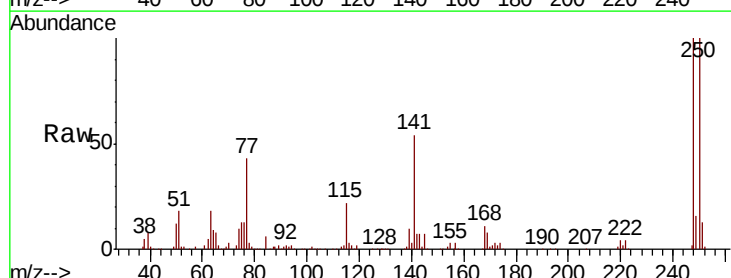
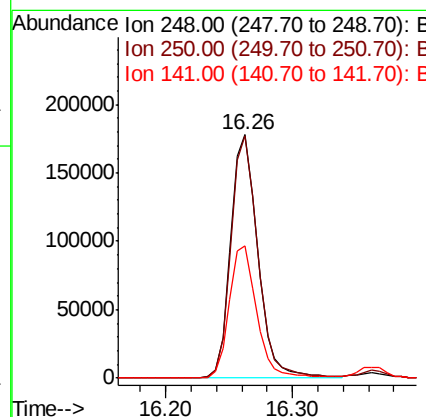
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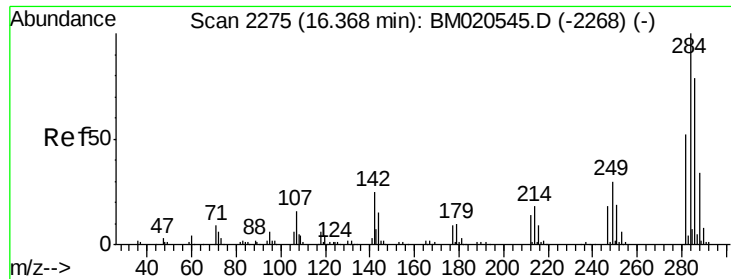
mohammad
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#67
 4-Bromophenyl-phenylether
 Concen: 40.495 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	264488		
250	99.6		77.8	116.6
141	54.4		41.0	61.6





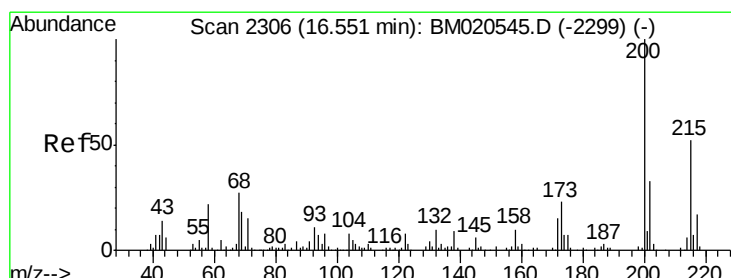
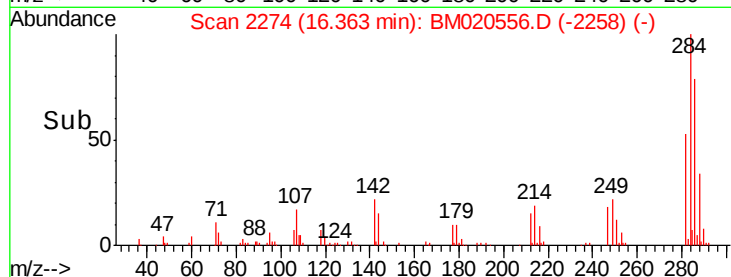
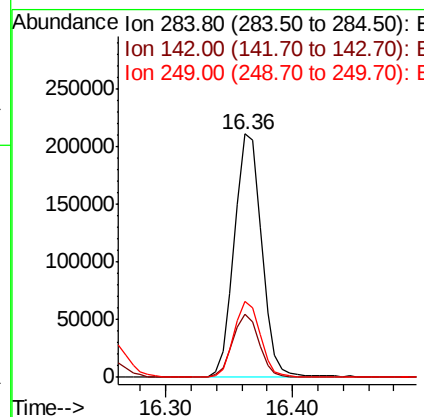
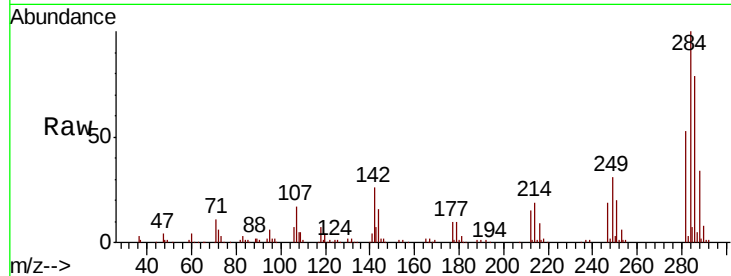
#68
Hexachlorobenzene
Concen: 39.890 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampled :
PB120010BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	315891		
142	26.1	20.2	30.2	
249	31.3	23.9	35.9	

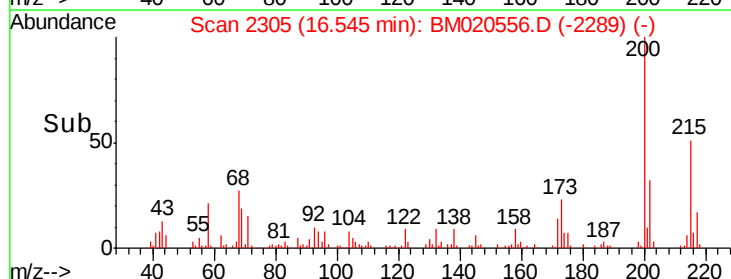
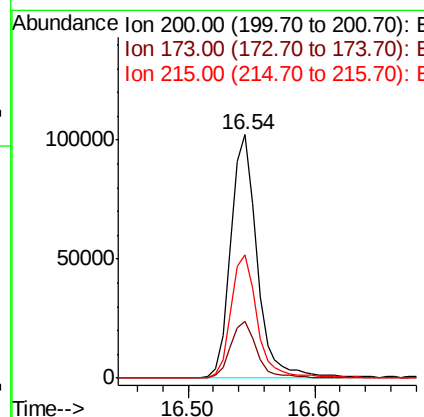
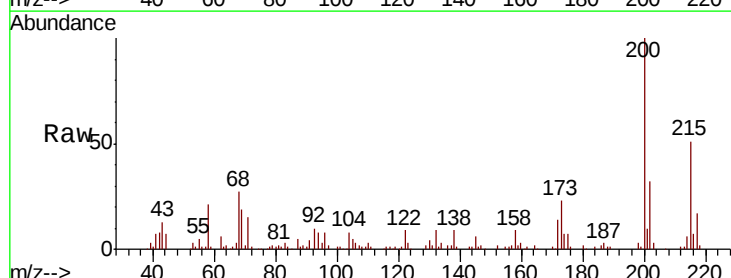
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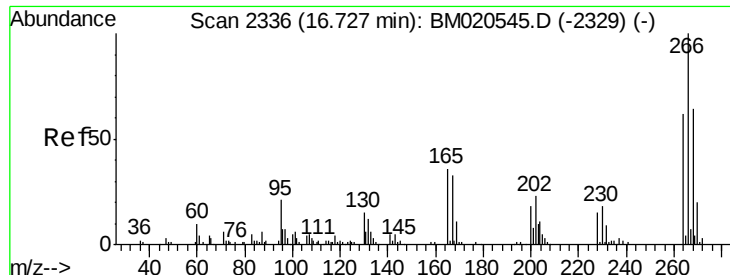
mohammad
5/27/2019 4:00:11 AM



#69
Atrazine
Concen: 26.908 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	147174		
173	23.3	3.2	43.2	
215	50.7	31.7	71.7	





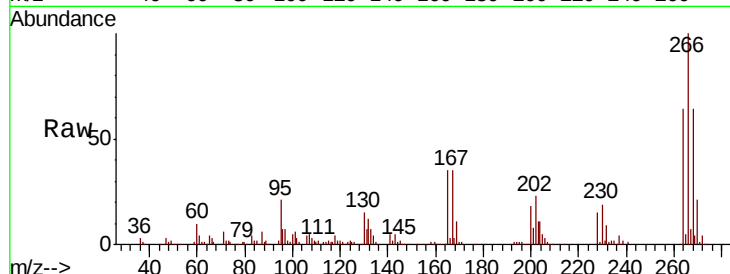
#70
 Pentachlorophenol
 Concen: 93.127 ng
 RT: 16.72 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.0	76.4
264	63.7	49.8	74.8

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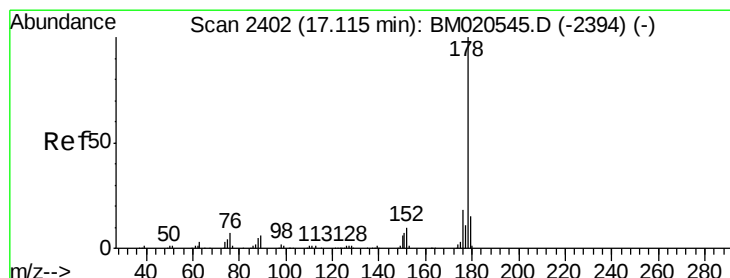
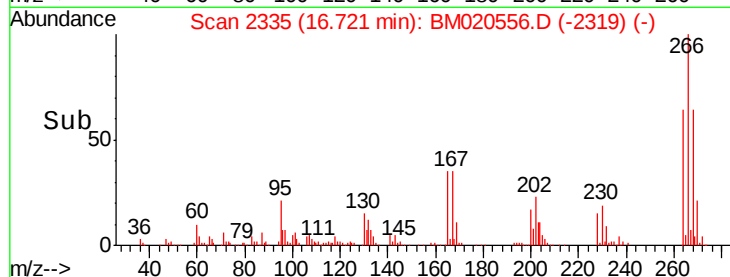
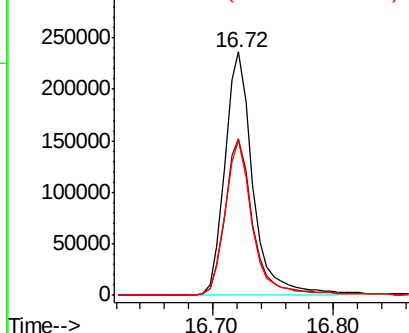


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 41.075 ng
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

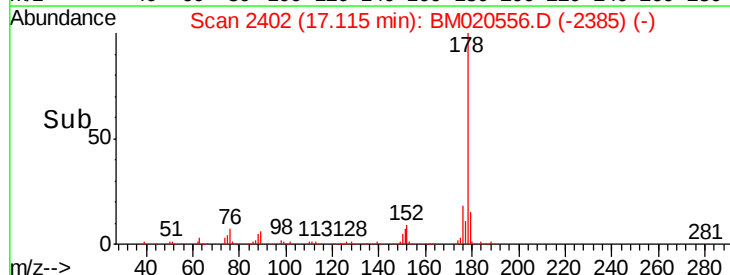
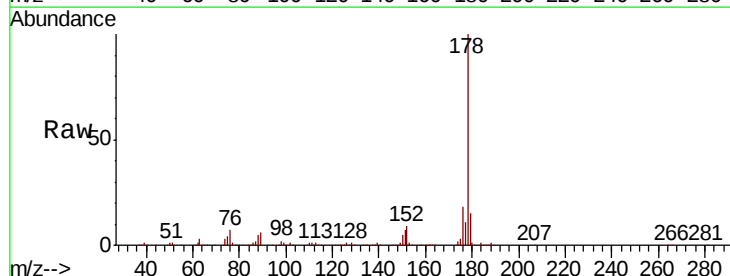
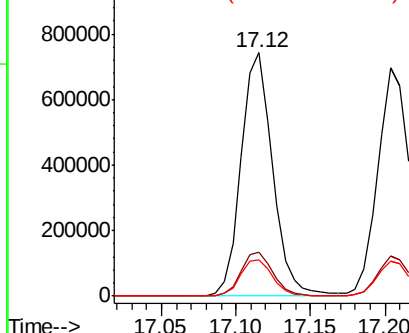
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.0	12.2	18.2

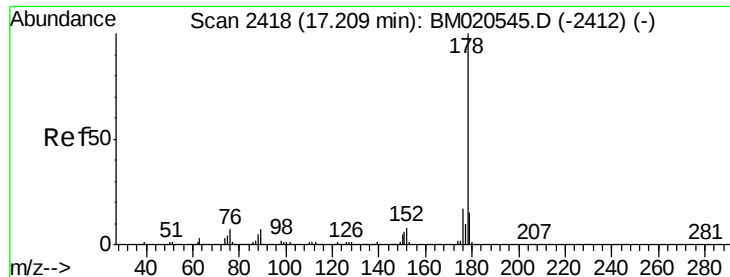
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





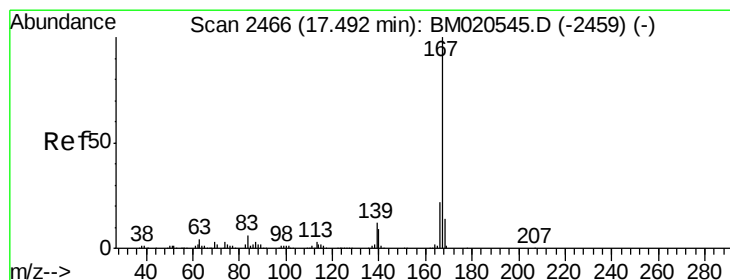
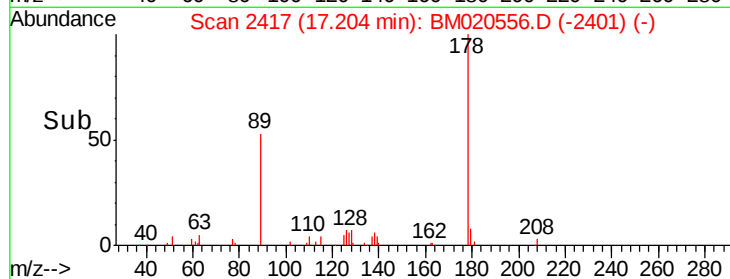
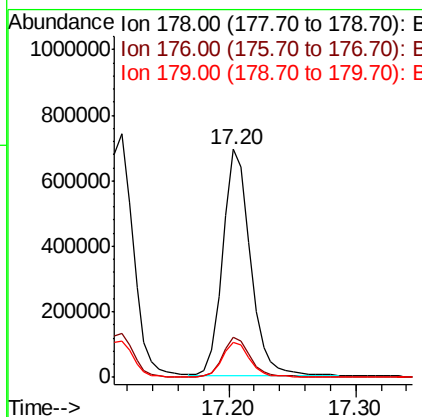
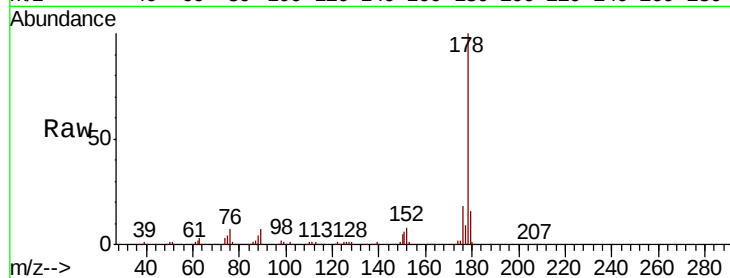
#72
 Anthracene
 Concen: 40.135 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.0	21.0
179	15.5	12.4	18.6

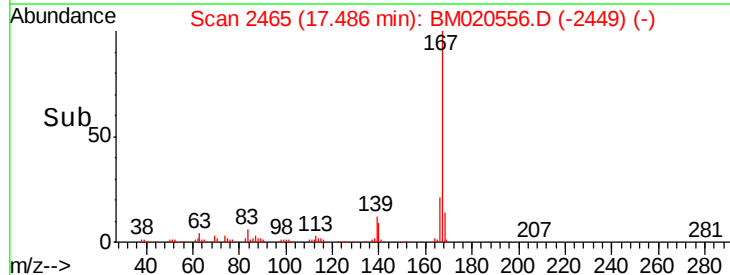
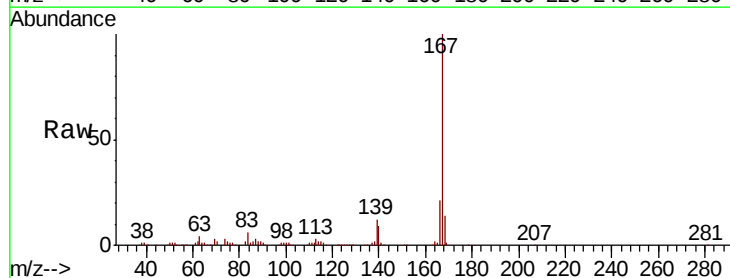
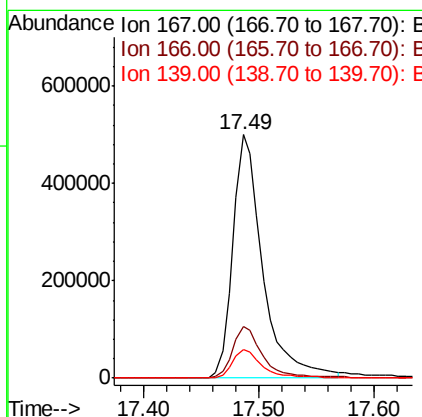
Manual Integrations
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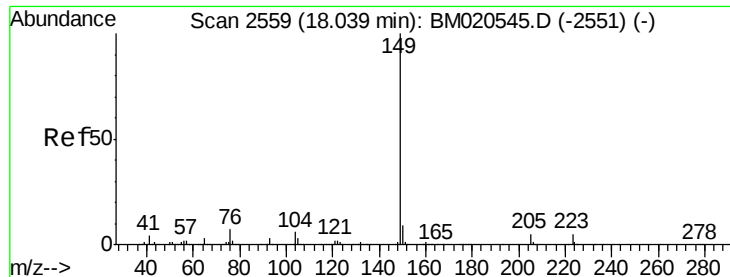
mohammad
 5/27/2019 4:00:11 AM



#73
 Carbazole
 Concen: 40.599 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	11.6	9.3	13.9





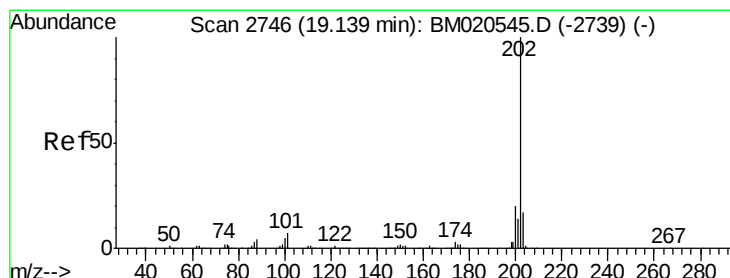
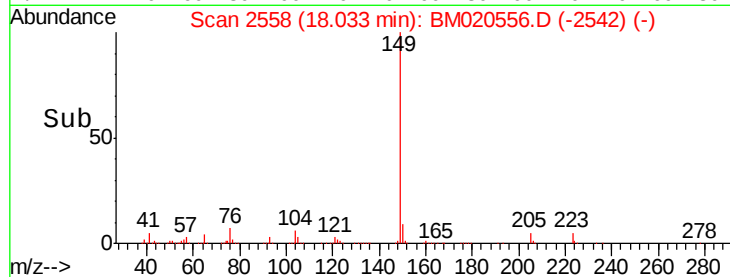
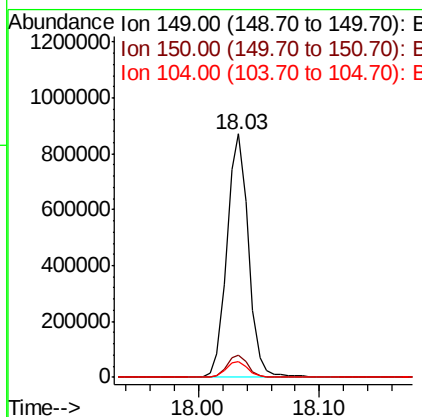
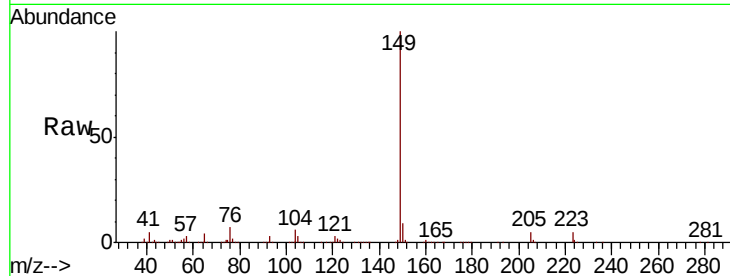
#74
Di-n-butylphthalate
Concen: 39.523 ng
RT: 18.03 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	6.3	5.0	7.4

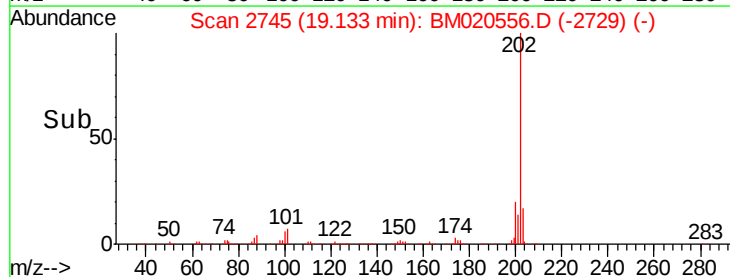
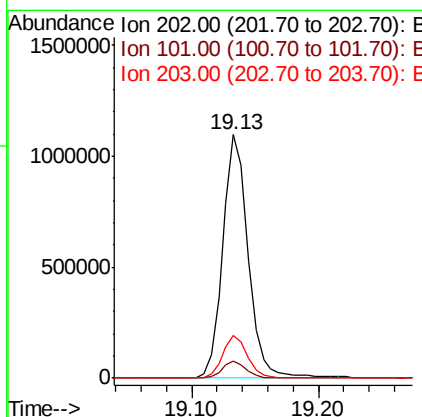
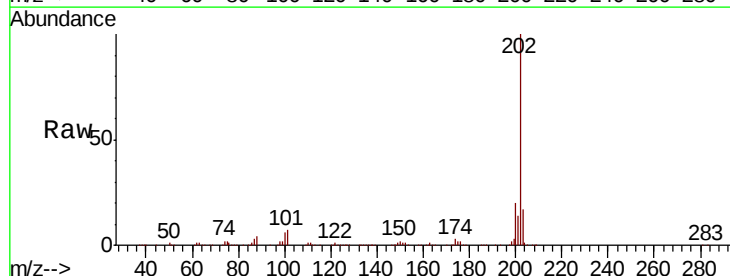
Manual Integrations
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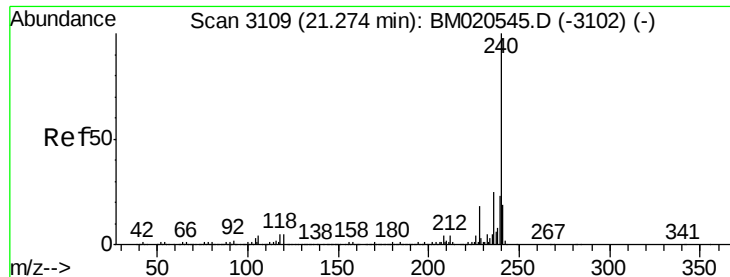
mohammad
5/27/2019 4:00:11 AM



#75
Fluoranthene
Concen: 41.187 ng
RT: 19.13 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.7
203	17.5	0.0	37.4





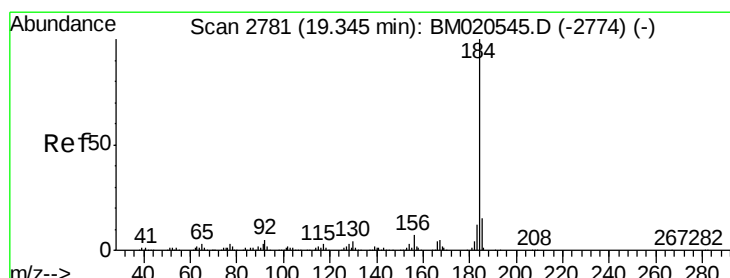
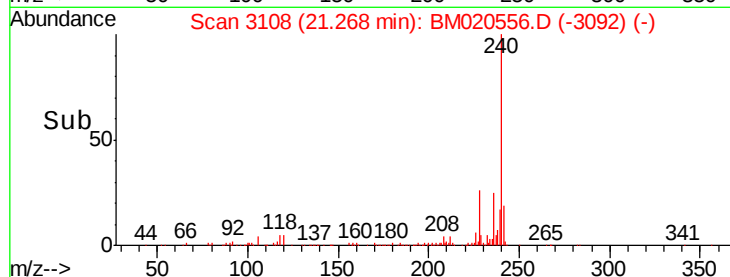
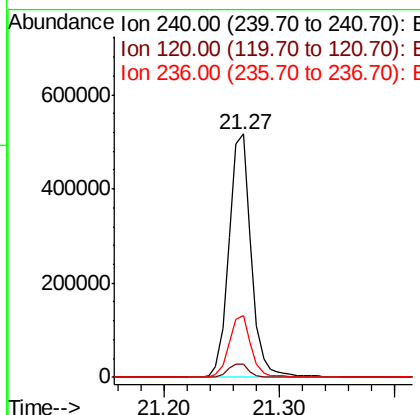
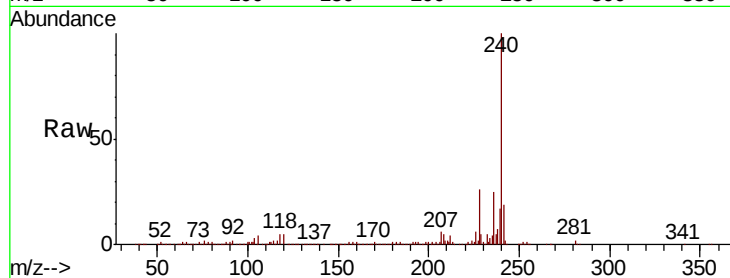
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.1	6.1
236	25.3	20.2	30.4

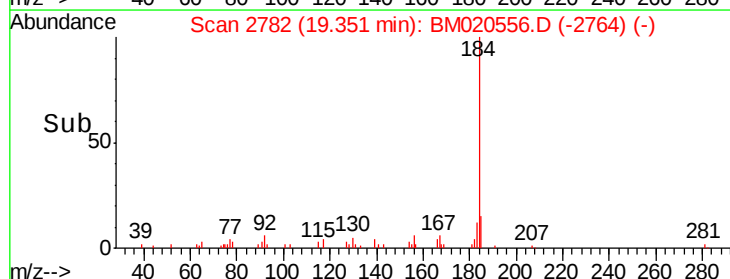
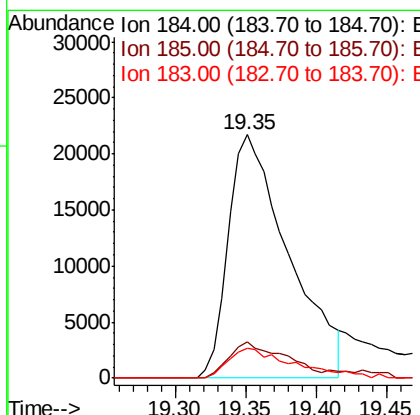
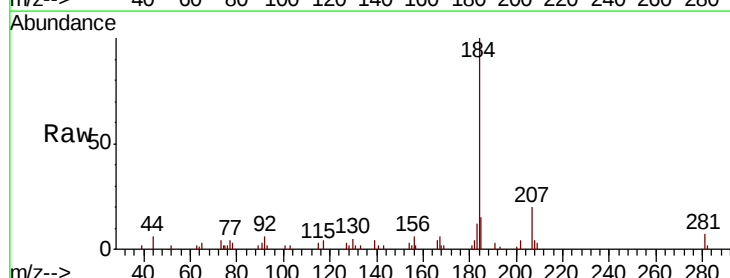
Manual Integrations
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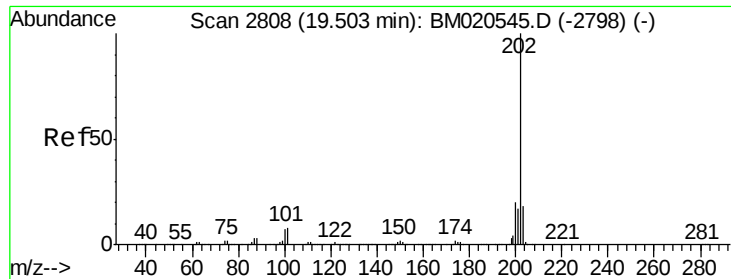
mohammad
5/27/2019 4:00:11 AM



#77
Benzidine
Concen: 5.125 ng
RT: 19.35 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.8
183	12.3	9.7	14.5





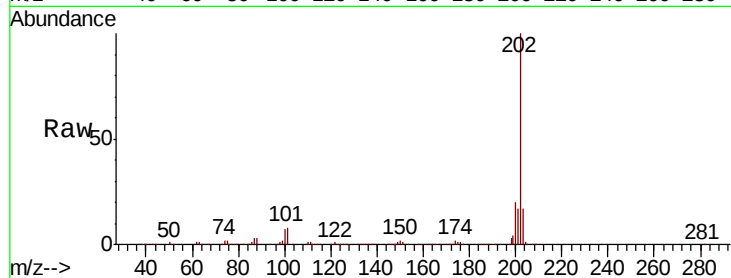
#78
Pvrene
Concen: 35.941 ng
RT: 19.50 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampled :
PB120010BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.0	24.0
203	17.3	14.1	21.1

Manual Integrations
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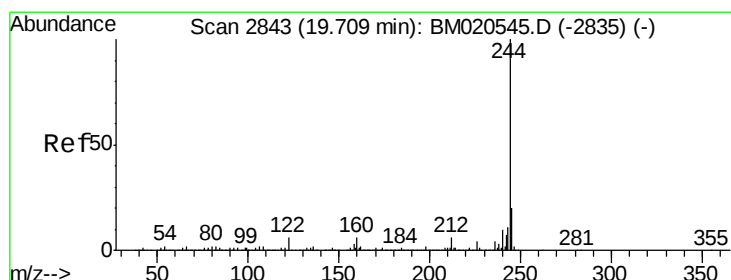
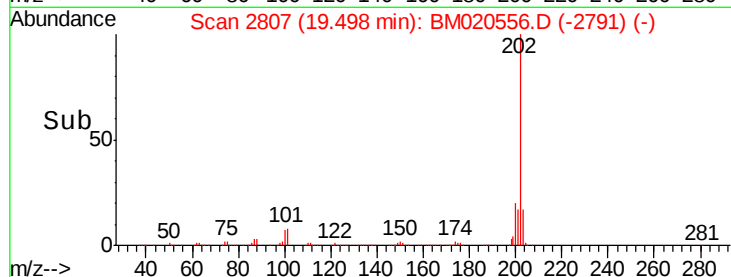
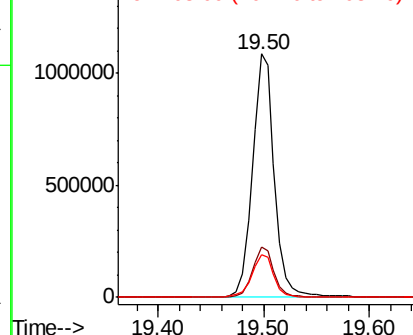


Abundance

Ion 202.00 (201.70 to 202.70): E

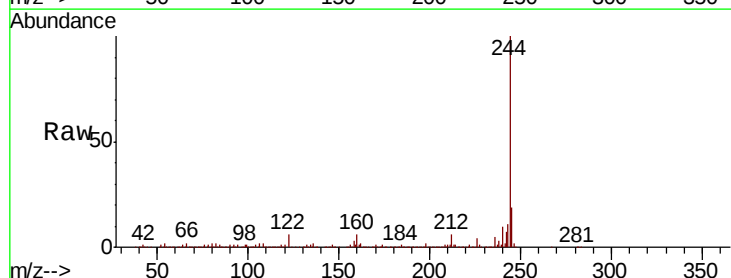
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 64.637 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.6
122	6.0	4.6	7.0

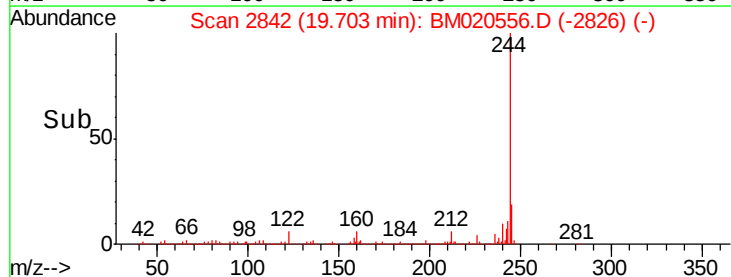
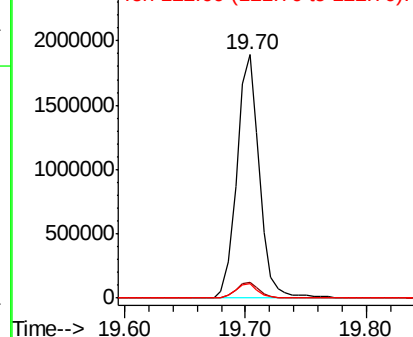


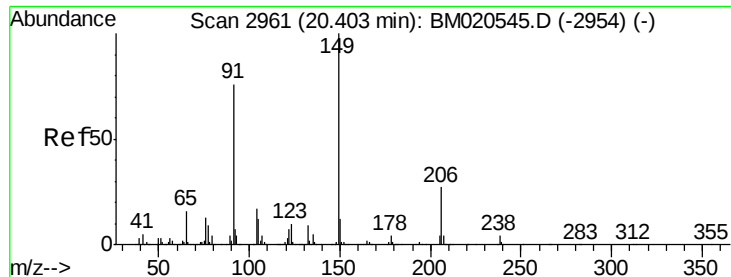
Abundance

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





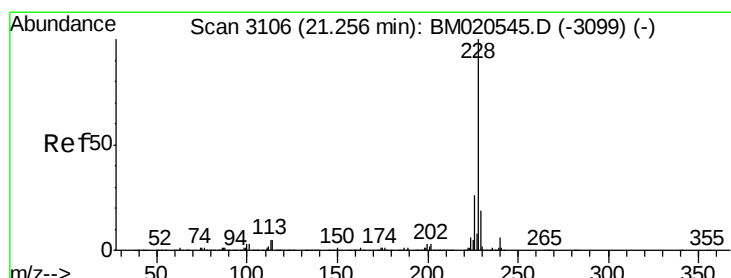
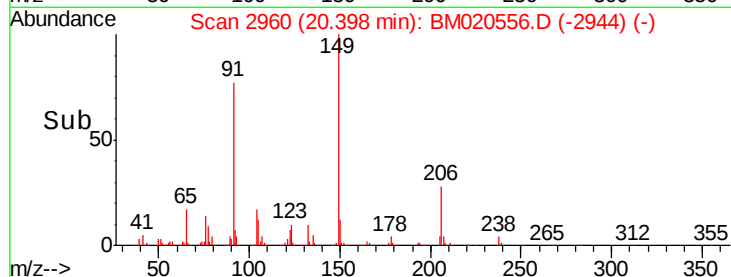
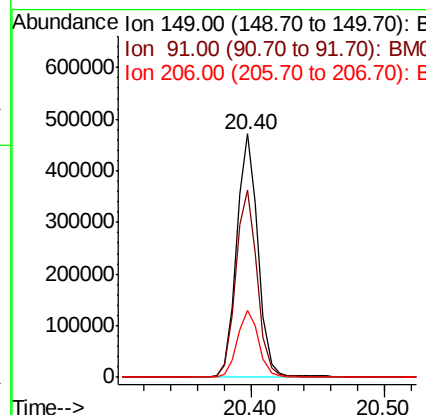
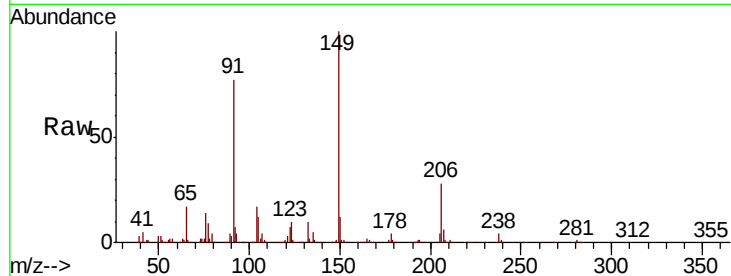
#80
Butylbenzylphthalate
Concen: 34.886 ng
RT: 20.40 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	60.9	91.3
206	27.6	21.6	32.4

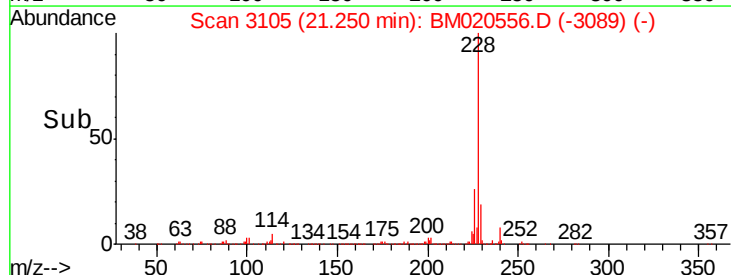
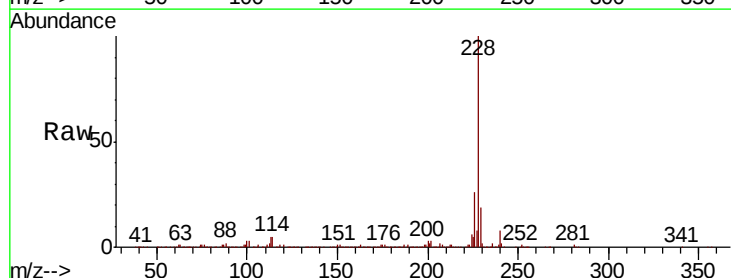
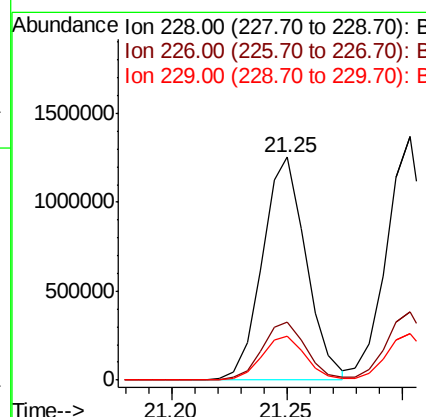
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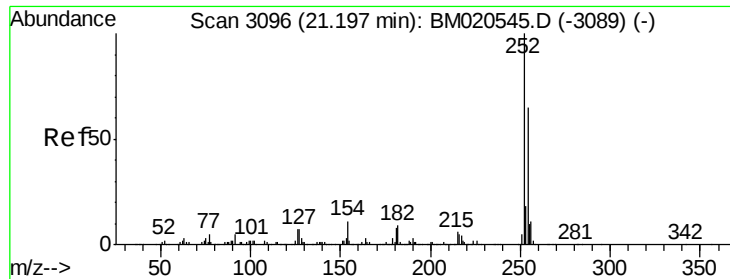
mohammad
5/27/2019 4:00:11 AM



#81
Benzo(a)anthracene
Concen: 34.618 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.7	31.1
229	19.5	15.5	23.3





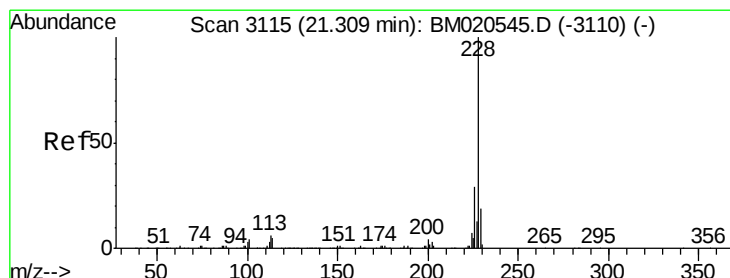
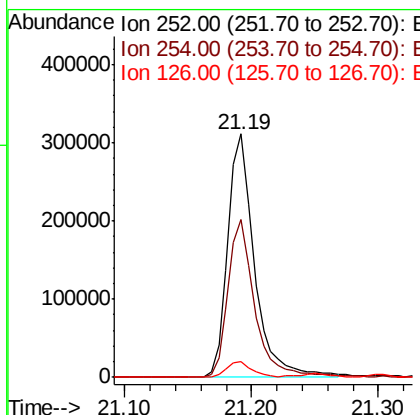
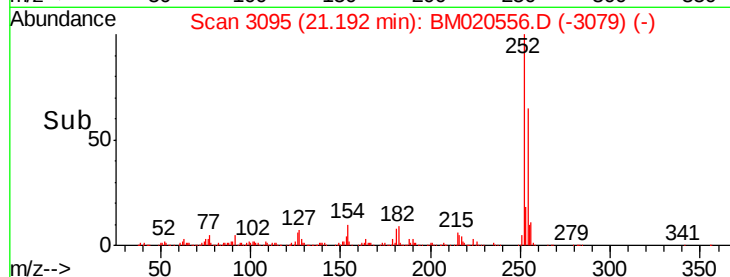
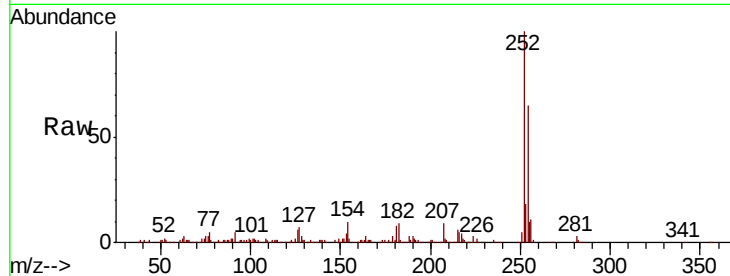
#82
 3,3'-Dichlorobenzidine
 Concen: 26.169 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	6.2	5.2	7.8

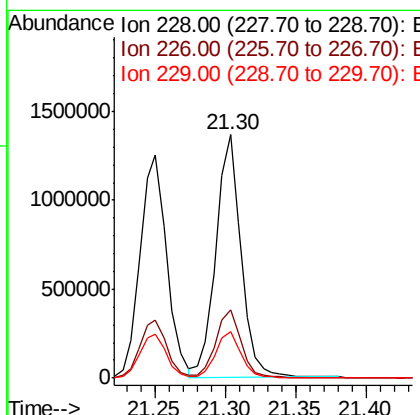
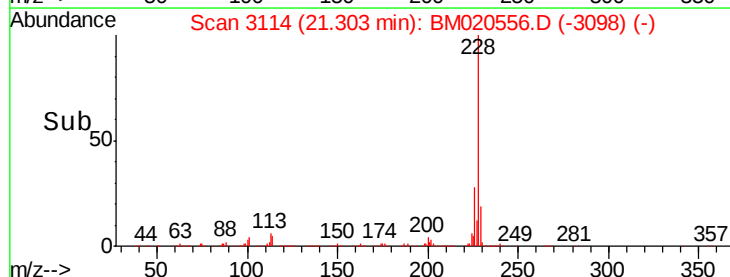
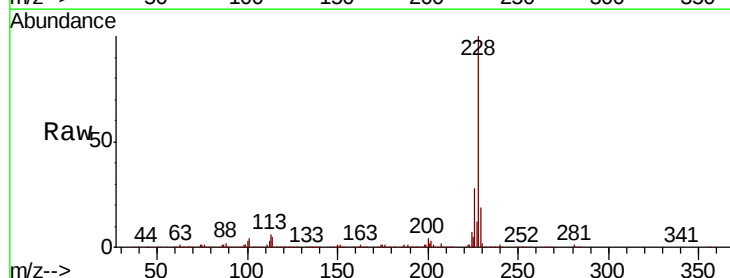
Manual Integrations
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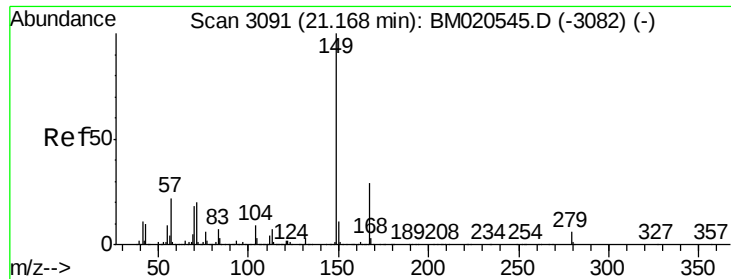
mohammad
 5/27/2019 4:00:11 AM



#83
 Chrysene
 Concen: 36.778 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.9	34.3
229	19.3	15.4	23.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 35.467 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Instrument :

BNA_M

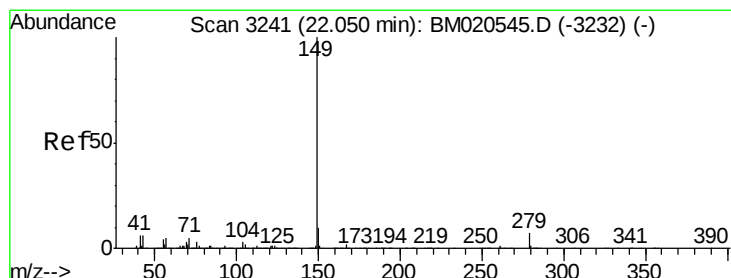
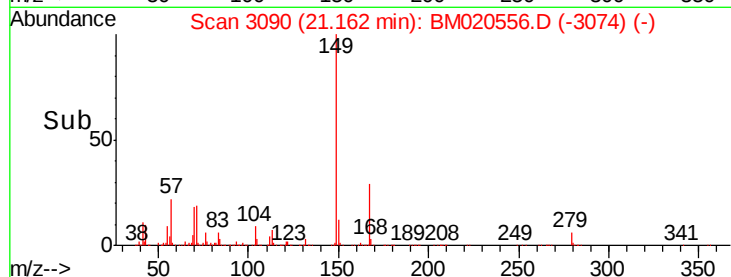
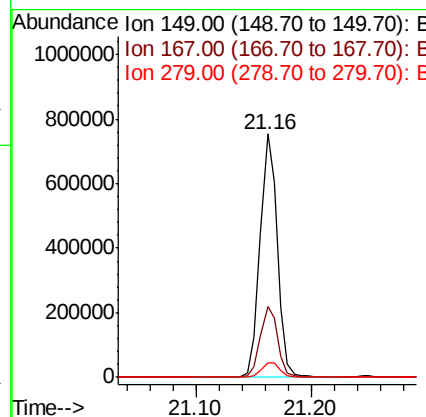
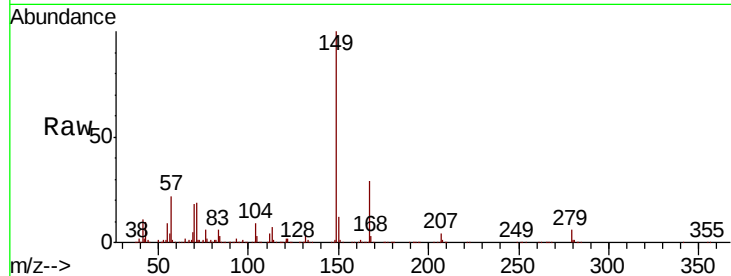
ClientSampleId :

PB120010BS

Tot Ion:	149	Resp:	784689
Ion Ratio	Lower	Upper	
149	100		
167	29.2	22.9	34.3
279	6.1	4.9	7.3

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mohammad
5/27/2019 4:00:11 AM



#85

Di-n-octyl phthalate

Concen: 36.514 ng

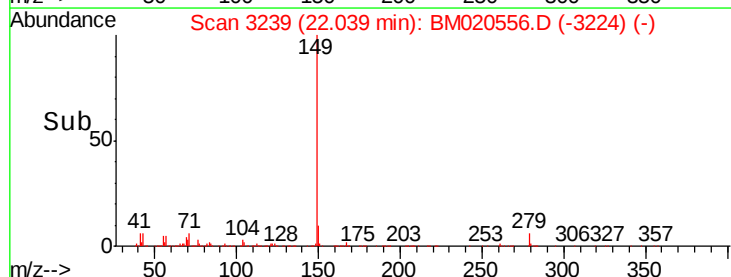
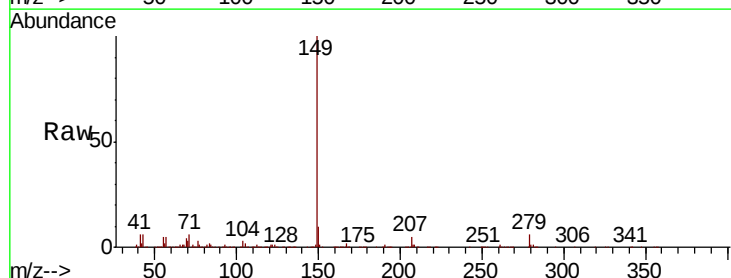
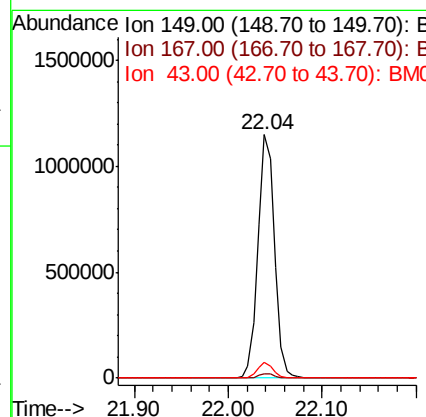
RT: 22.04 min Scan# 3239

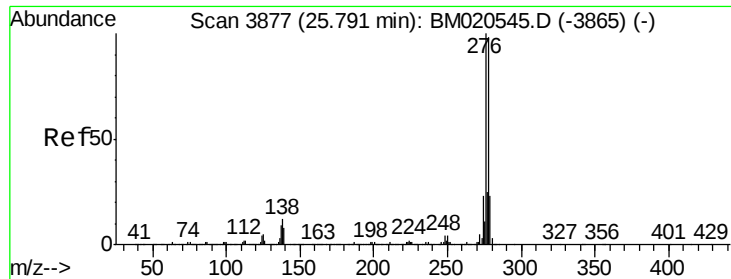
Delta R.T. -0.01 min

Lab File: BM020556.D

Acq: 25 May 2019 00:20

Tgt Ion:	149	Resp:	1404382
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	6.0	4.8	7.2





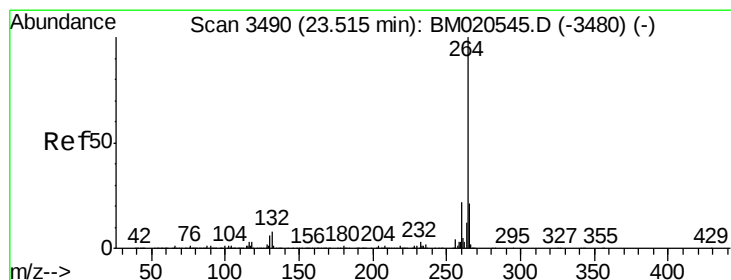
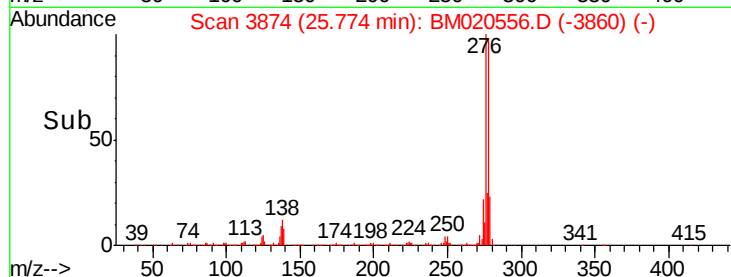
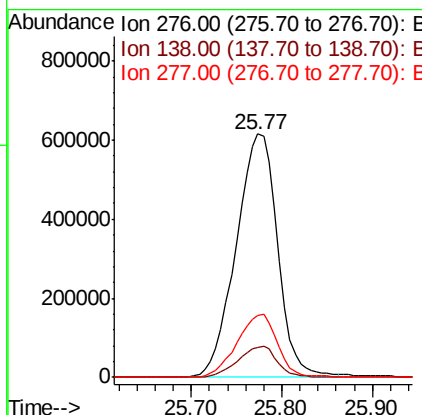
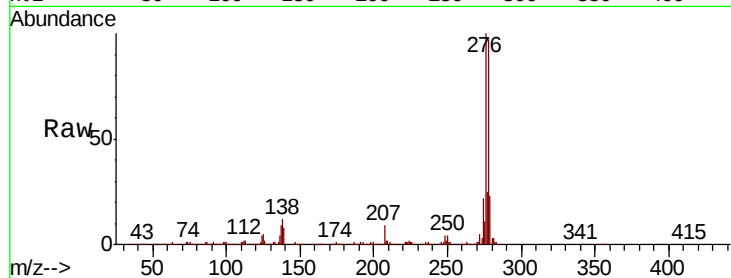
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.972 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	9.7	14.5
277	25.3	20.4	30.6

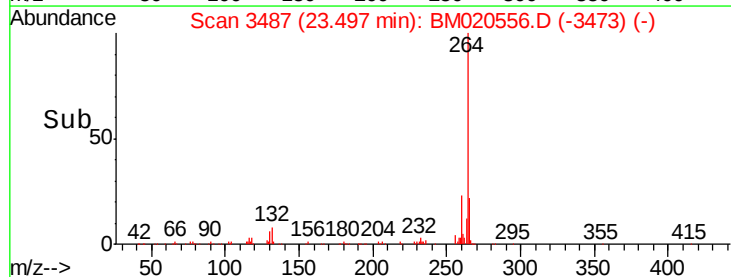
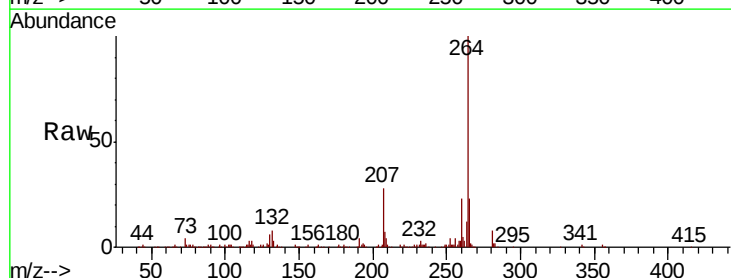
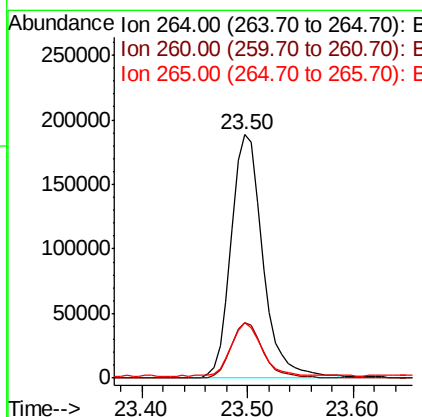
Manual Integrations
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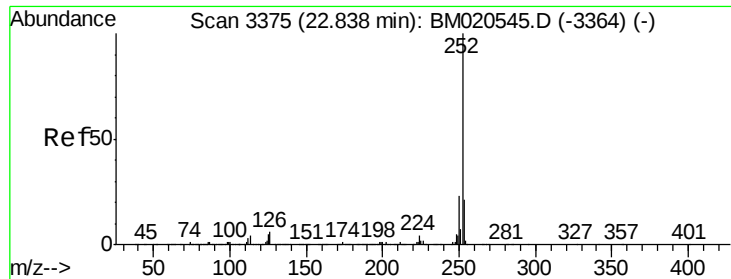
mohammad
5/27/2019 4:00:11 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.02 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.7	26.5
265	22.9	17.4	26.2





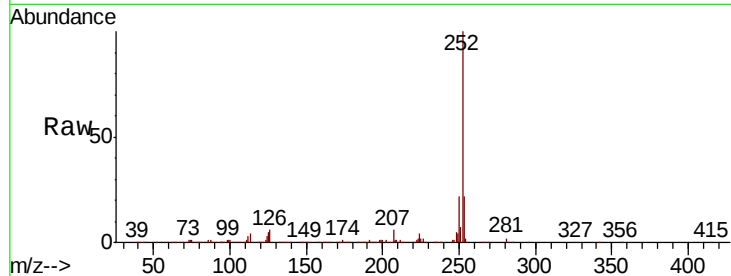
#88
Benzo(b)fluoranthene
Concen: 72.597 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampled :
PB120010BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	4.8	3.8	5.8

Manual Integrations
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mohammad
5/27/2019 4:00:11 AM

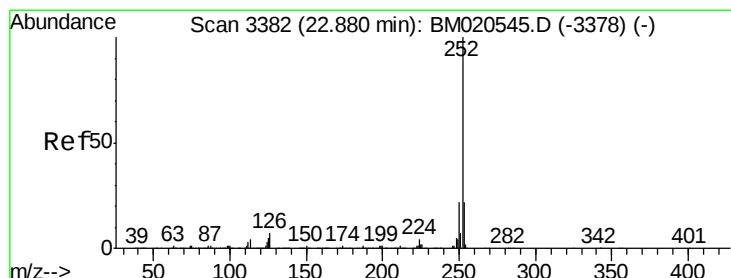
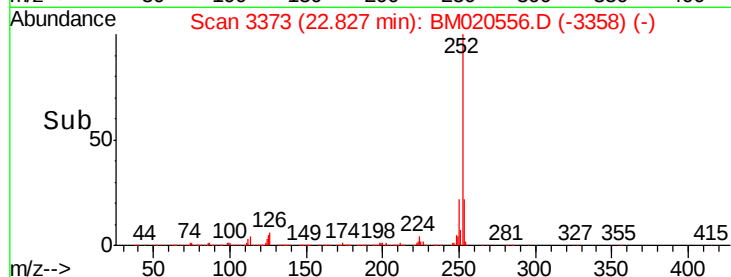
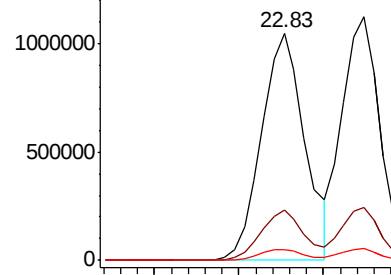


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 71.411 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

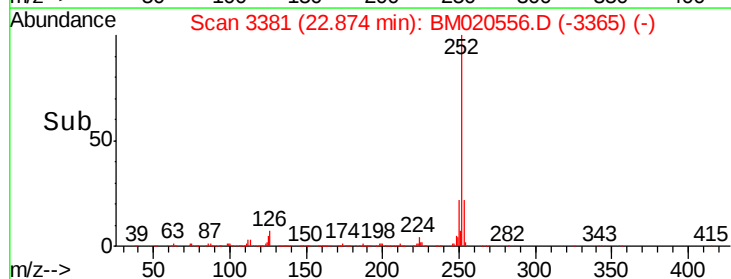
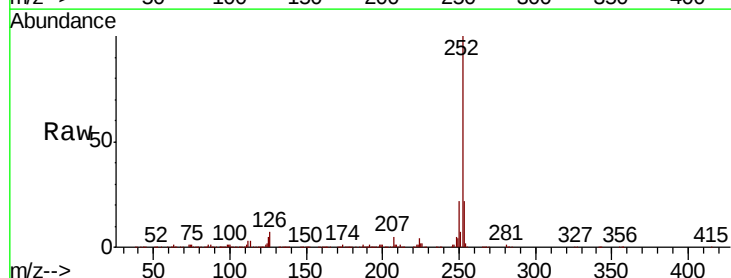
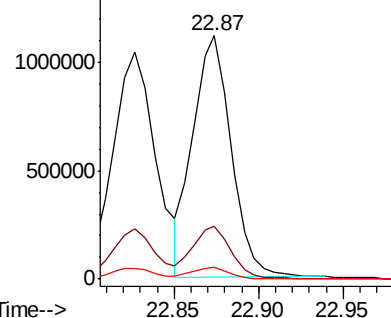
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	4.8	4.2	6.4

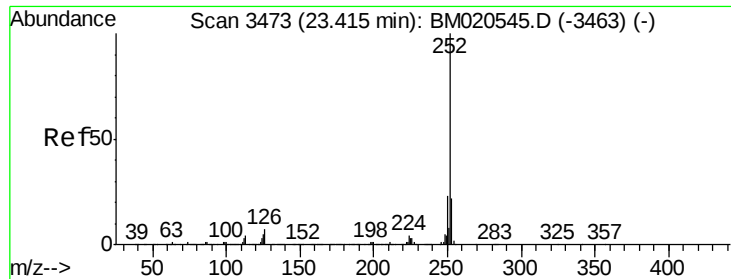
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





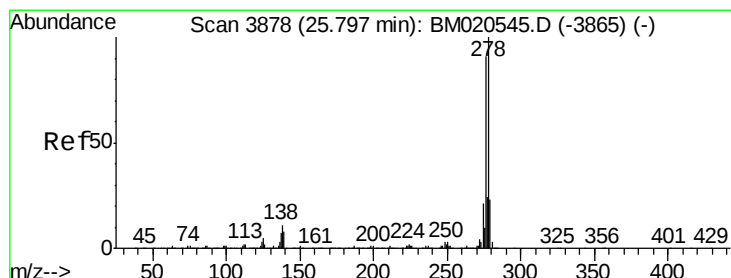
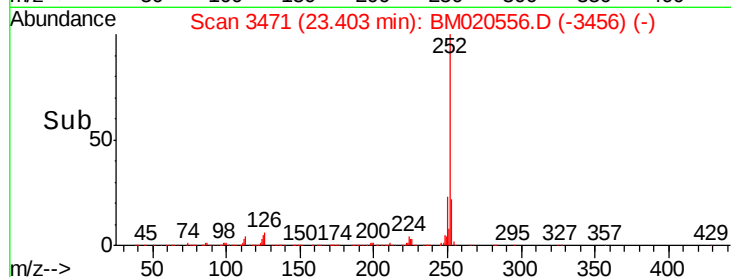
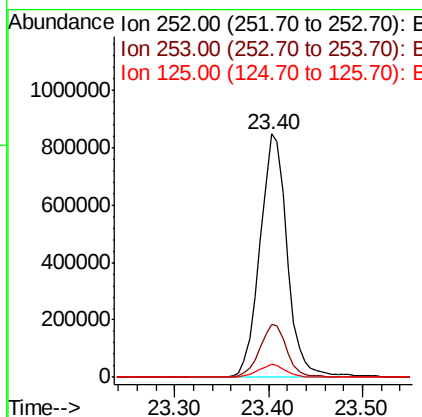
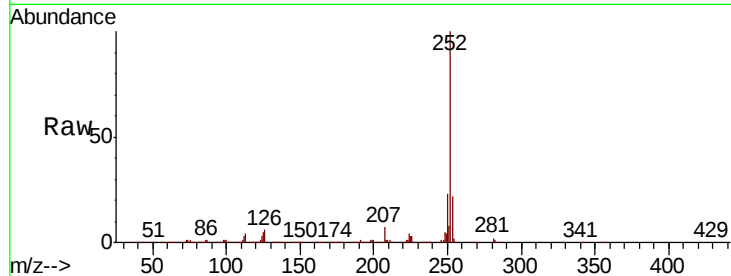
#90
Benzo(a)pyrene
Concen: 71.748 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	5.5	4.2	6.4

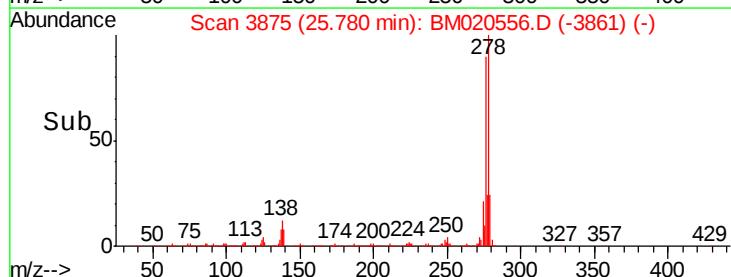
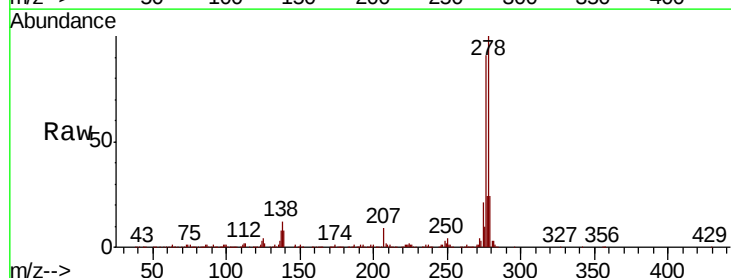
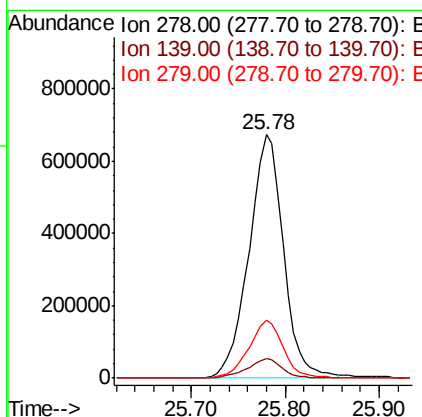
Manual Integrations
APPROVED

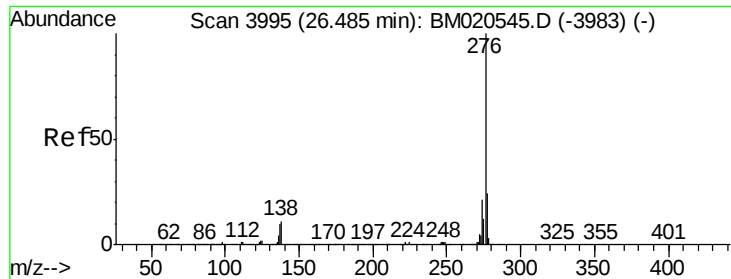
mohammad
5/27/2019 4:00:11 AM



#91
Dibenzo(a,h)anthracene
Concen: 71.079 ng
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM020556.D
Acq: 25 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.3	9.5
279	23.7	18.3	27.5





#92
 Benzo(a,h,i)perylene
 Concen: 70.588 ng
 RT: 26.47 min Scan# 3992
 Delta R.T. -0.02 min
 Lab File: BM020556.D
 Acq: 25 May 2019 00:20

Instrument :
 BNA_M
 ClientSampleId :
 PB120010BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	10.4	8.6	12.8

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:00:11 AM

