

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020544.D
 Acq On : 24 May 2019 12:11
 Operator : JU/SJ
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:59:39 AM

Quant Time: May 24 15:40:17 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 15:10:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	51821	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	215423	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	158681	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	438097	20.00	ng	0.00
76) Chrysene-d12	21.27	240	534169	20.00	ng	0.00
87) Perylene-d12	23.51	264	600506	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	99556	31.40	ng	0.00
7) Phenol-d6	6.85	99	146454	33.82	ng	0.00
23) Nitrobenzene-d5	8.83	82	194167	35.58	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	122861	49.88	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	493614	38.27	ng	0.00
79) Terphenyl-d14	19.70	244	1159157	37.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	27752	17.849	ng	# 95
3) Pyridine	3.58	79	77611	19.517	ng	# 97
4) n-Nitrosodimethylamine	3.51	42	17027	13.353	ng	# 78
6) Aniline	7.00	93	110314	20.234	ng	98
8) 2-Chlorophenol	7.23	128	62639	18.146	ng	99
9) Benzaldehyde	6.82	77	58226	17.762	ng	98
10) Phenol	6.87	94	79244	16.996	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	60356	17.810	ng	98
12) 1,3-Dichlorobenzene	7.55	146	82036	20.426	ng	98
13) 1,4-Dichlorobenzene	7.70	146	80769	19.907	ng	99
14) 1,2-Dichlorobenzene	8.01	146	81656	21.125	ng	99
15) Benzyl Alcohol	7.92	79	67433	16.147	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.18	45	45215	16.091	ng	96
17) 2-Methylphenol	8.12	107	52261	17.412	ng	97
18) Hexachloroethane	8.72	117	33243	19.650	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	68187	18.402	ng	97
20) 3+4-Methylphenols	8.45	107	71101	17.824	ng	96
22) Acetophenone	8.50	105	113683	19.309	ng	100
24) Nitrobenzene	8.87	77	97715	17.272	ng	94
25) Isophorone	9.39	82	189059	20.092	ng	98
26) 2-Nitrophenol	9.59	139	33800	19.789	ng	98
27) 2,4-Dimethylphenol	9.64	122	51771	18.206	ng	96
28) bis(2-Chloroethoxy)methane	9.88	93	96069	18.746	ng	98
29) 2,4-Dichlorophenol	10.12	162	68509	19.107	ng	96
30) 1,2,4-Trichlorobenzene	10.32	180	99094	22.460	ng	97
31) Naphthalene	10.50	128	219243	19.612	ng	99
32) Benzoic acid	9.77	122	21901	11.625	ng	99
33) 4-Chloroaniline	10.64	127	82622	17.957	ng	96
34) Hexachlorobutadiene	10.76	225	74126	23.750	ng	99
35) Caprolactam	11.43	113	23283m	21.716	ng	
36) 4-Chloro-3-methylphenol	11.77	107	75843	17.999	ng	95
37) 2-Methylnaphthalene	12.12	142	165868	20.352	ng	95
38) 1-Methylnaphthalene	12.35	142	162752	20.422	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	131078	21.114	ng	99

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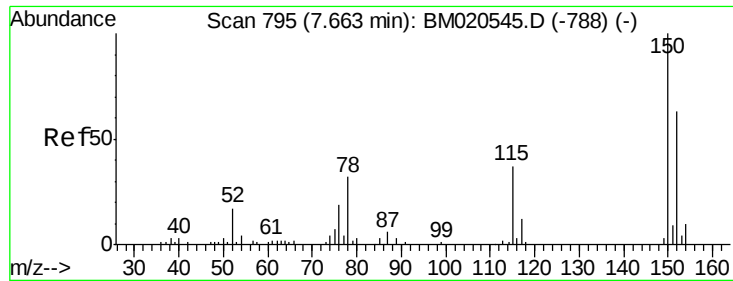
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	39658	10.849	nq	98
43) 2,4,6-Trichlorophenol	12.75	196	76963	21.813	nq	97
44) 2,4,5-Trichlorophenol	12.83	196	68892	17.478	nq	92
46) 1,1'-Biphenyl	13.14	154	241136	18.462	nq	98
47) 2-Chloronaphthalene	13.19	162	201617	19.334	nq	97
48) 2-Nitroaniline	13.43	65	54213	14.603	nq	96
49) Acenaphthylene	14.04	152	309801	18.563	nq	100
50) Dimethylphthalate	13.79	163	278237	20.631	nq	99
51) 2,6-Dinitrotoluene	13.92	165	56340	19.834	nq	100
52) Acenaphthene	14.39	154	187317	19.572	nq	98
53) 3-Nitroaniline	14.26	138	43500	16.500	nq	91
54) 2,4-Dinitrophenol	14.48	184	20548	17.103	nq	90
55) Dibenzofuran	14.72	168	322135	19.955	nq	98
56) 4-Nitrophenol	14.59	139	23482	10.439	nq	97
57) 2,4-Dinitrotoluene	14.72	165	78710	20.392	nq	95
58) Fluorene	15.37	166	264568	19.955	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	86569	23.112	nq	98
60) Diethylphthalate	15.15	149	275474	20.274	nq	98
61) 4-Chlorophenyl-phenylether	15.37	204	170956	22.758	nq	99
62) 4-Nitroaniline	15.44	138	45295m	15.568	nq	
63) Azobenzene	15.66	77	266776	16.643	nq	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	43405	21.113	nq	98
66) n-Nitrosodiphenylamine	15.59	169	233157	18.086	nq	99
67) 4-Bromophenyl-phenylether	16.27	248	114905	21.389	nq	99
68) Hexachlorobenzene	16.37	284	140635	22.749	nq	98
69) Atrazine	16.54	200	100878	20.024	nq	99
70) Pentachlorophenol	16.73	266	66457	18.789	nq	96
71) Phenanthrene	17.12	178	467009	19.311	nq	100
72) Anthracene	17.21	178	442802	18.313	nq	100
73) Carbazole	17.49	167	381357	17.480	nq	98
74) Di-n-butylphthalate	18.03	149	465374	17.725	nq	99
75) Fluoranthene	19.14	202	639214	20.891	nq	99
77) Benzidine	19.34	184	196394	11.500	nq	98
78) Pyrene	19.50	202	661274	18.439	nq	100
80) Butylbenzylphthalate	20.40	149	223454	17.134	nq	98
81) Benzo(a)anthracene	21.26	228	721177	19.251	nq	99
82) 3,3'-Dichlorobenzidine	21.20	252	269585	18.855	nq	100
83) Chrysene	21.31	228	706237	19.439	nq	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	335088	16.558	nq	100
85) Di-n-octyl phthalate	22.04	149	579027	17.215	nq	100
86) Indeno(1,2,3-cd)pyrene	25.78	276	876818	20.290	nq	100
88) Benzo(b)fluoranthene	22.83	252	760986	19.191	nq	99
89) Benzo(k)fluoranthene	22.88	252	736118	20.350	nq	99
90) Benzo(a)pyrene	23.41	252	708257	19.663	nq	99
91) Dibenzo(a,h)anthracene	25.79	278	739341	19.738	nq	98
92) Benzo(g,h,i)perylene	26.47	276	705033	19.825	nq	99

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



#1

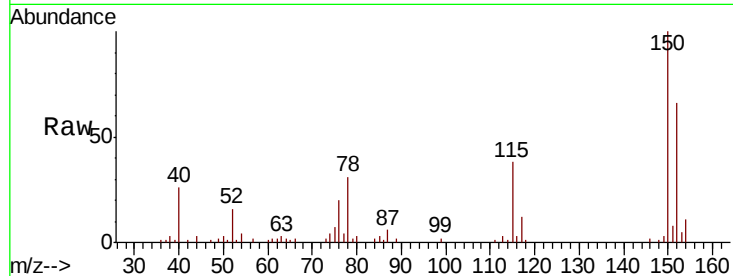
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	190.0
115	58.1	46.6	70.0

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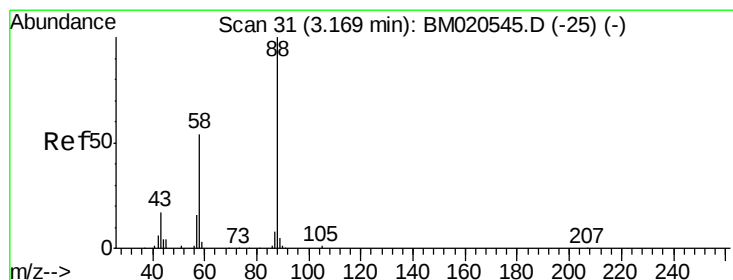
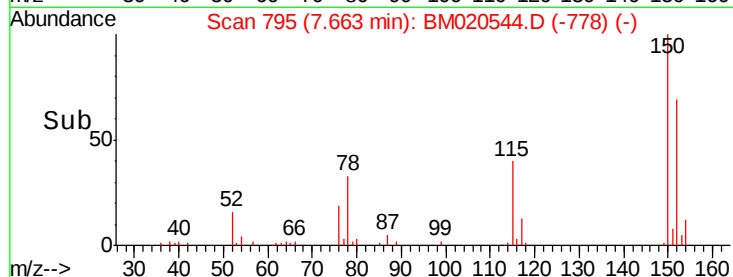
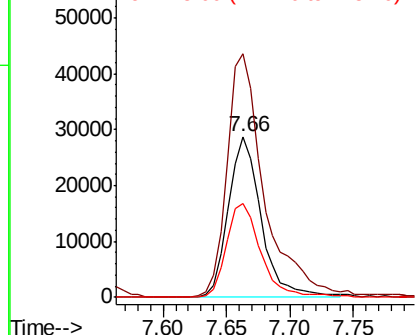


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

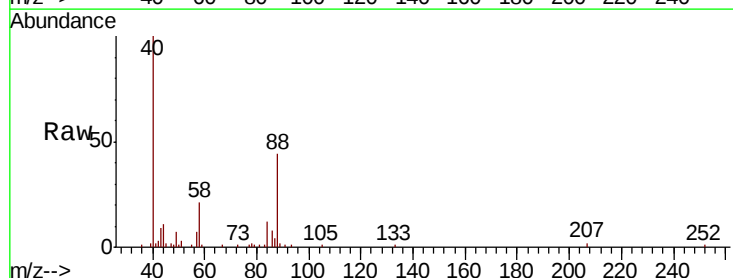
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 17.849 ng
RT: 3.17 min Scan# 31
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.5	42.3	63.5
43	25.5	16.0	24.0

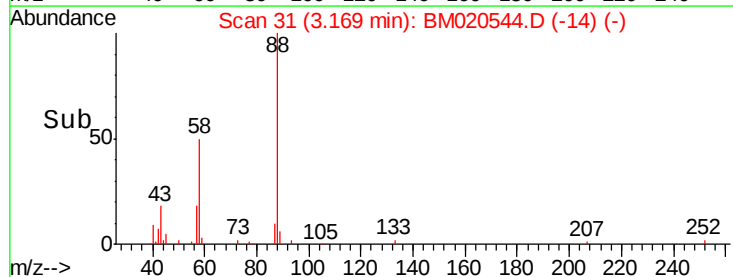
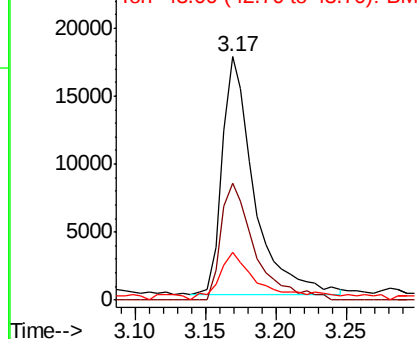


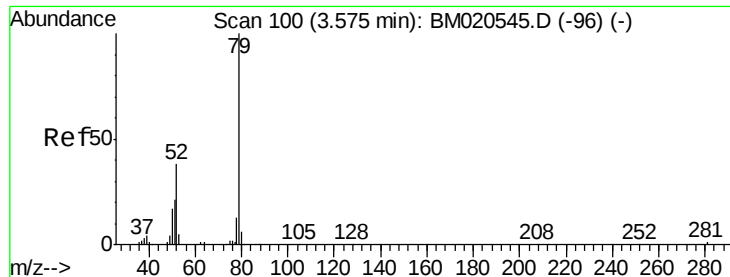
Abundance

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: 19.517 ng

RT: 3.58 min Scan# 101

Delta R.T. 0.01 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

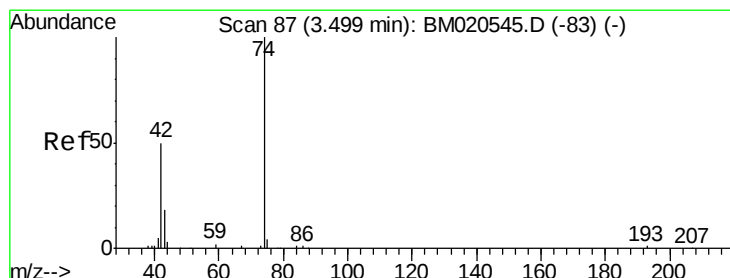
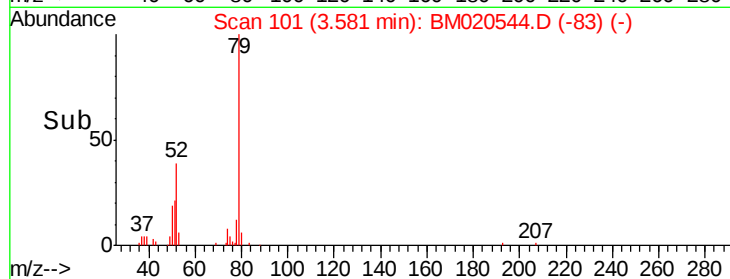
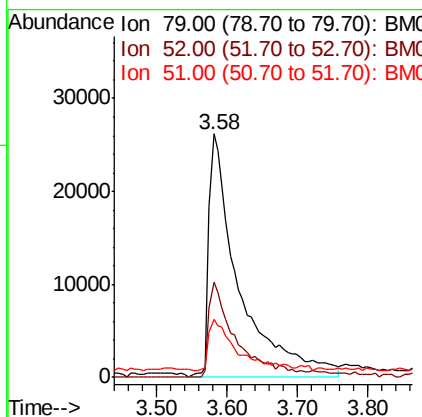
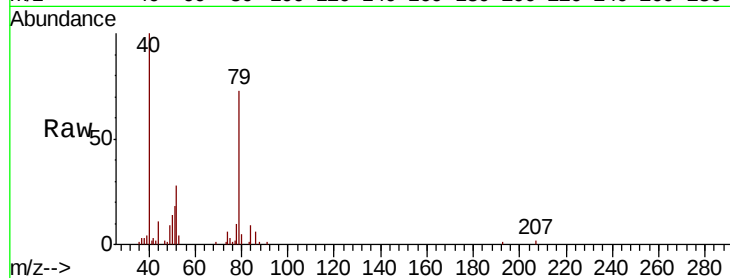
ClientSampleId :

SSTDICC020

Tot Ion:	79	Resp:	77611
Ion	Ratio	Lower	Upper
79	100		
52	38.9	30.1	45.1
51	24.0	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 13.353 ng

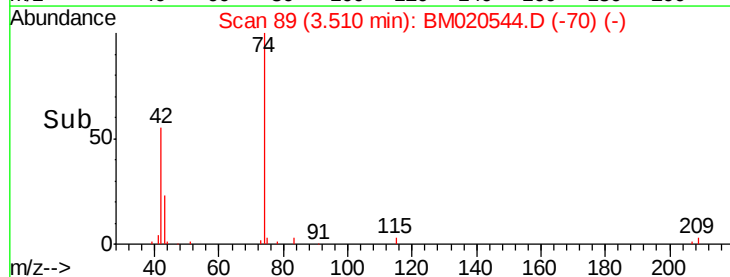
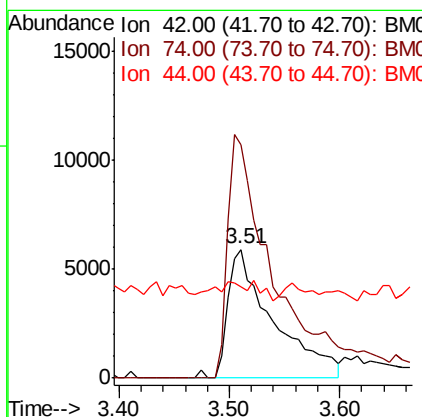
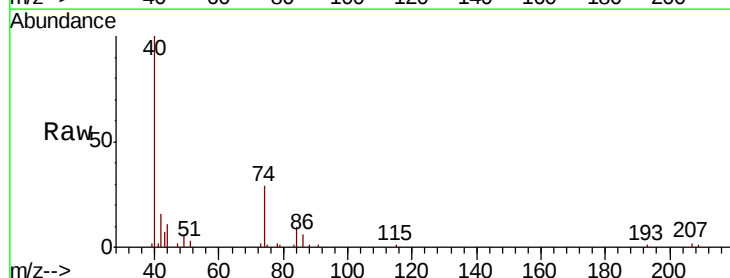
RT: 3.51 min Scan# 89

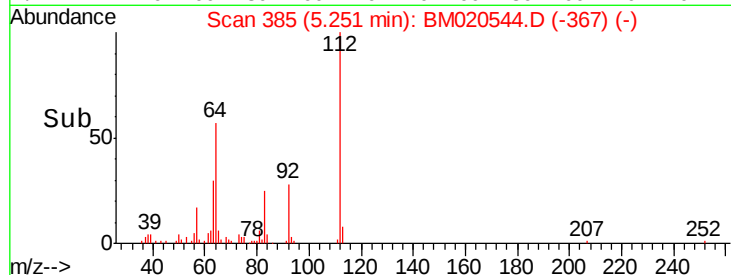
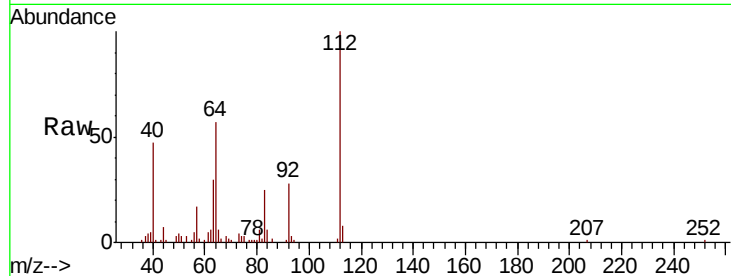
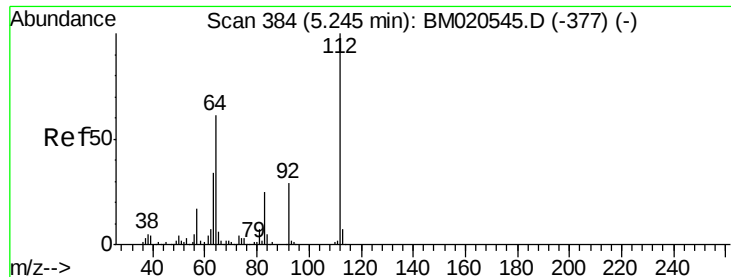
Delta R.T. 0.01 min

Lab File: BM020544.D

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Tgt Ion:	42	Resp:	17027
Ion	Ratio	Lower	Upper
42	100		
74	180.6	161.1	241.7
44	70.8	20.9	31.3





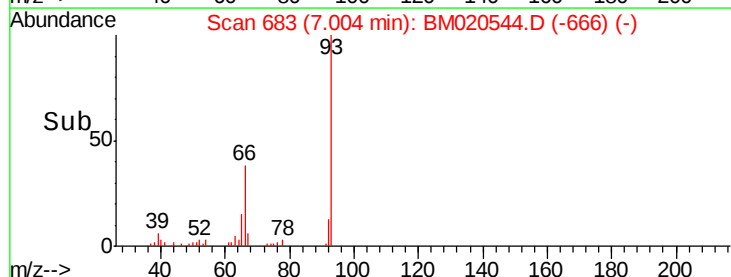
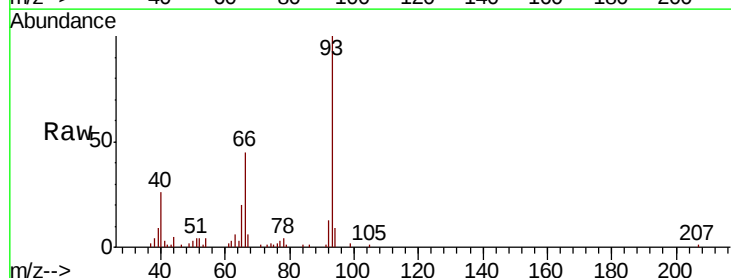
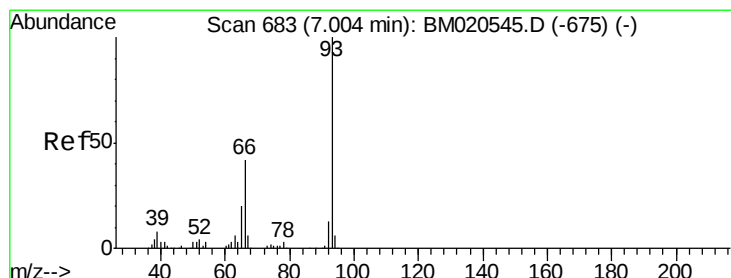
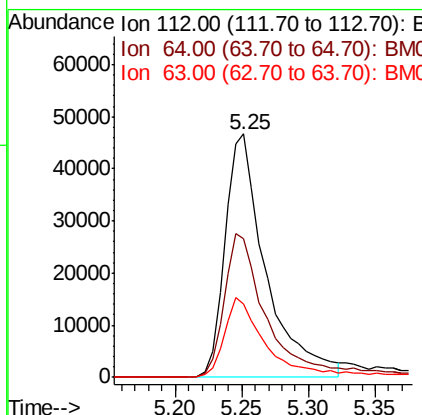
#5
2-Fluorophenol
Concen: 31.403 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tot Ion	Ratio	Resp	Lower	Upper
112	100	99556		
64	57.1		48.6	73.0
63	30.2		27.4	41.0

Instrument :
BNA_M
ClientSampleId :
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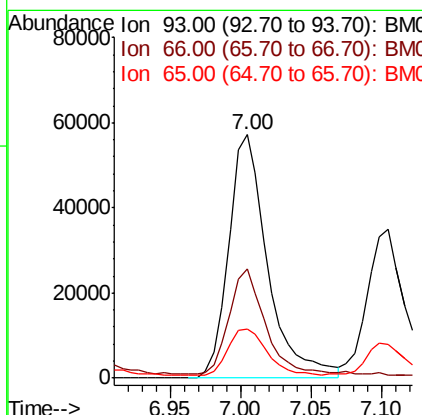
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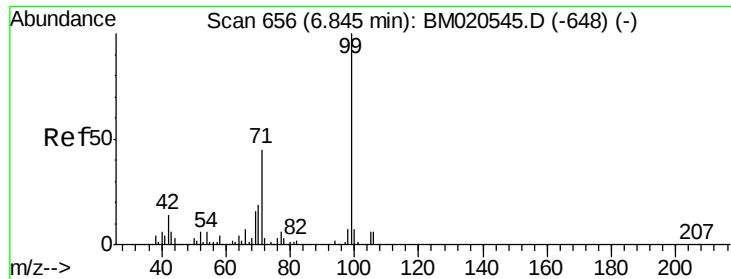
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#6
Aniline
Concen: 20.234 ng
RT: 7.00 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	110314		
66	44.9		34.5	51.7
65	20.2		16.2	24.2





#7

Phenol-d6

Concen: 33.815 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

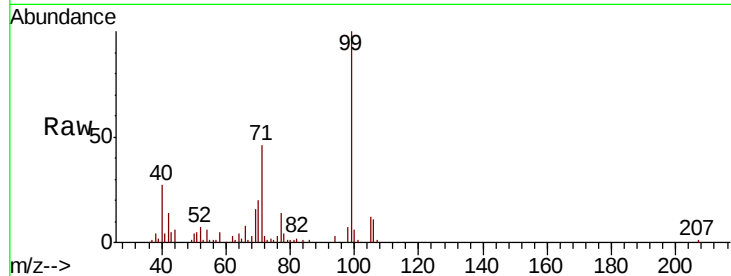
ClientSampleId :

SSTDIC020

Tot Ion:	99	Resp:	146454
Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.8	16.2
71	46.3	36.3	54.5

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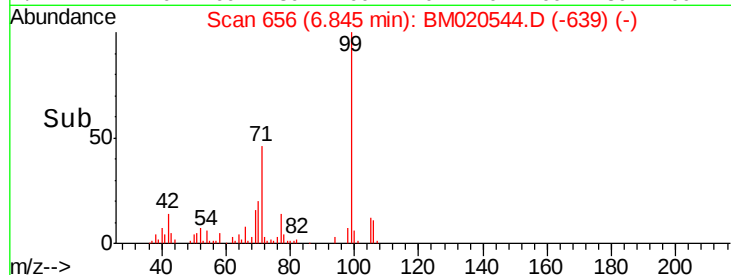


Abundance Ion 99.00 (98.70 to 99.70): BM020544.D (-639) (-)

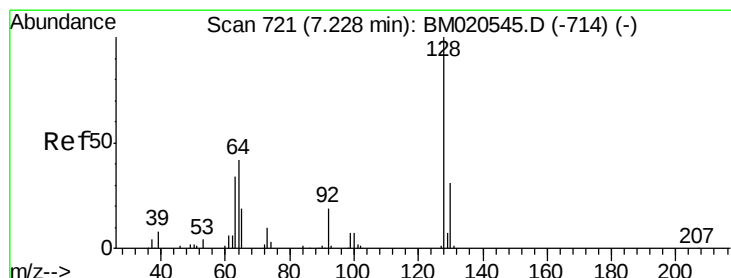
Ion 42.00 (41.70 to 42.70): BM020544.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM020544.D (-639) (-)

Time-->



Time-->



#8

2-Chlorophenol

Concen: 18.146 ng

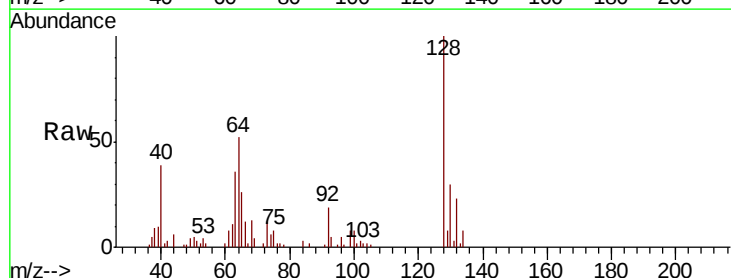
RT: 7.23 min Scan# 721

Delta R.T. 0.00 min

Lab File: BM020544.D

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Tgt Ion:	128	Resp:	62639
Ion	Ratio	Lower	Upper
128	100		
130	30.0	11.2	51.2
64	51.5	31.1	71.1

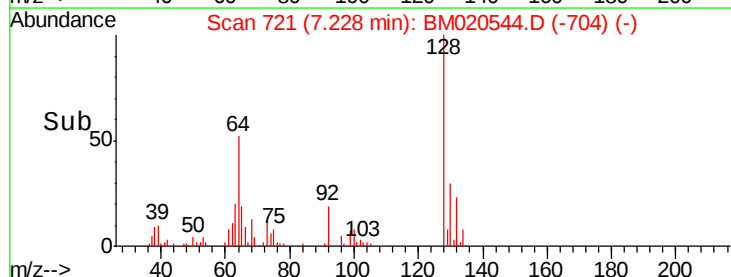


Abundance Ion 128.00 (127.70 to 128.70): BM020544.D (-704) (-)

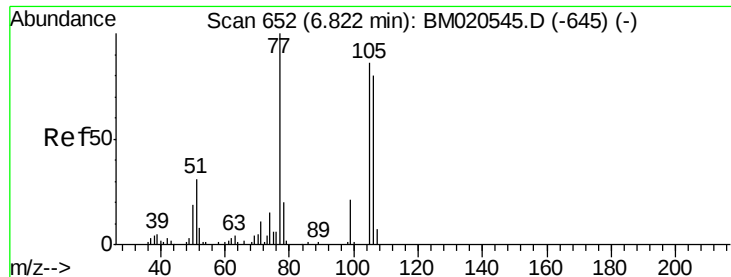
Ion 130.00 (129.70 to 130.70): BM020544.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM020544.D (-704) (-)

Time-->



Time-->



#9

Benzaldehyde

Concen: 17.762 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

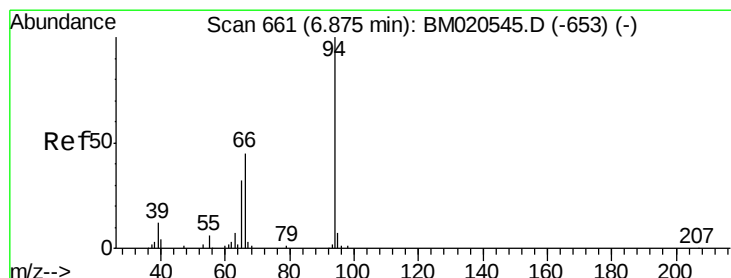
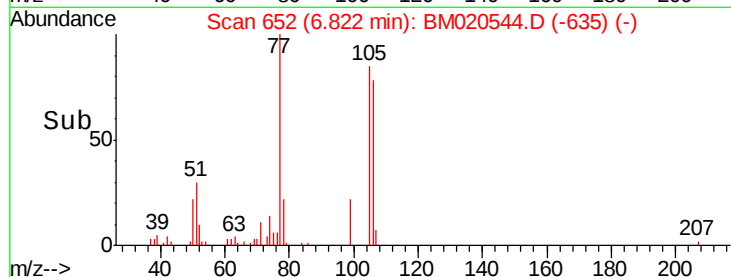
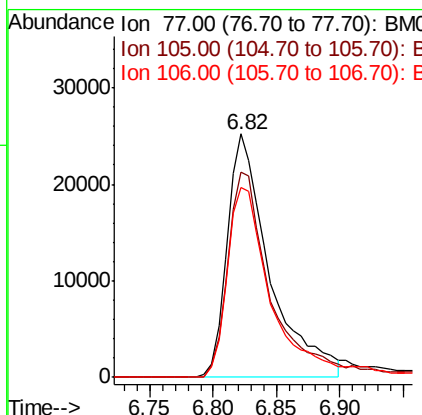
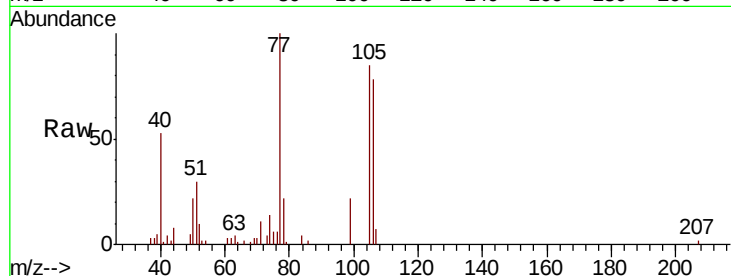
ClientSampleId :

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Tot Ion:	77	Resp:	58226
Ion	Ratio	Lower	Upper
77	100		
105	84.5	66.1	106.1
106	77.7	60.0	100.0

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#10

Phenol

Concen: 16.996 ng

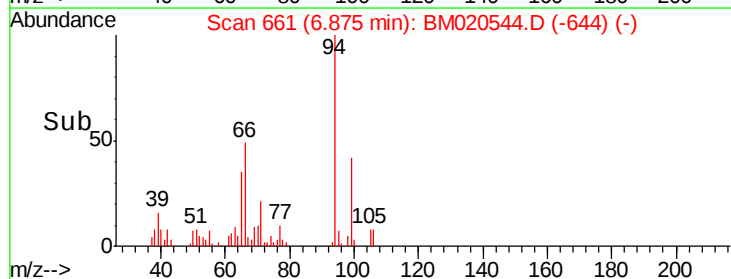
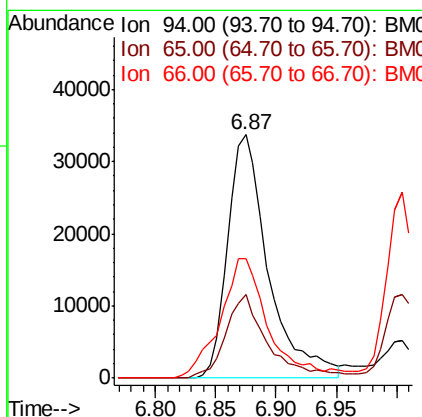
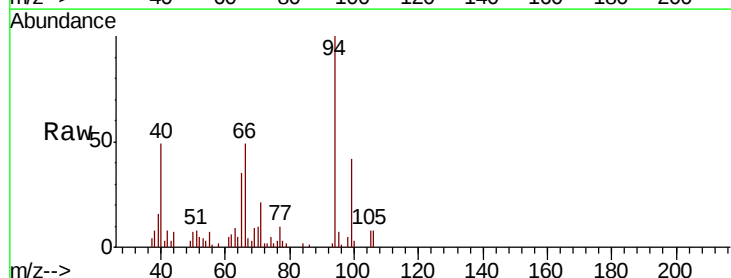
RT: 6.87 min Scan# 661

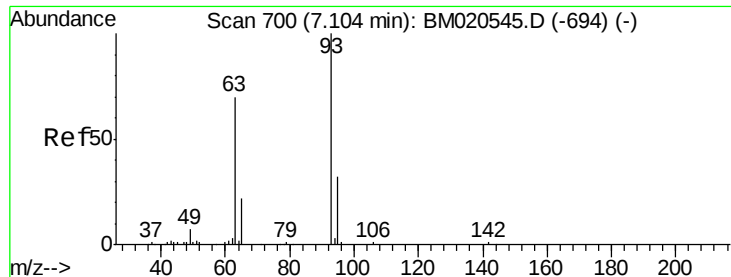
Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Tgt Ion:	94	Resp:	79244
Ion	Ratio	Lower	Upper
94	100		
65	34.5	12.4	52.4
66	49.3	27.4	67.4





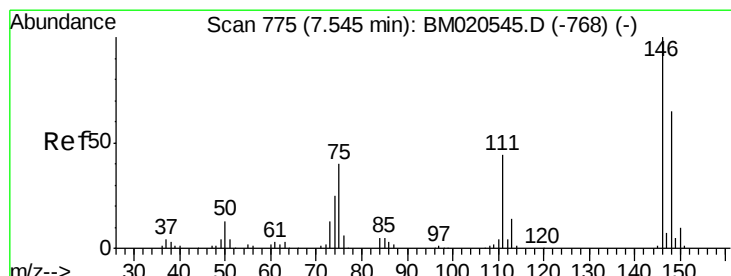
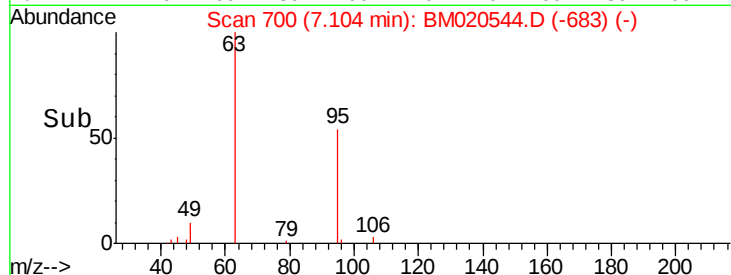
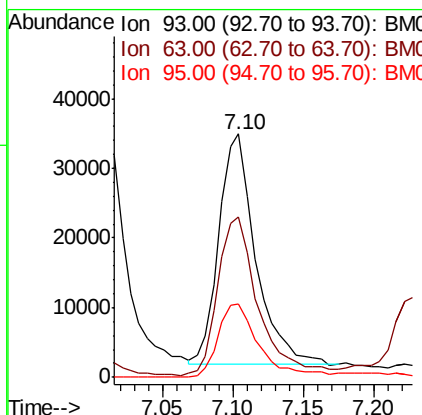
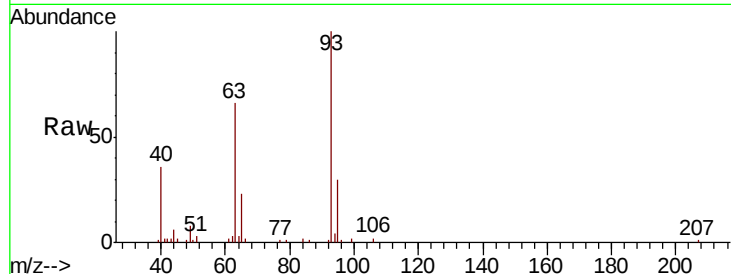
#11
bis(2-Chloroethyl)ether
Concen: 17.810 ng
RT: 7.10 min Scan# 700
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.9	47.6	87.6
95	30.2	10.9	50.9

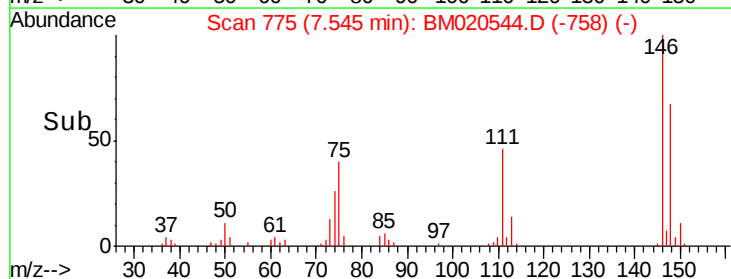
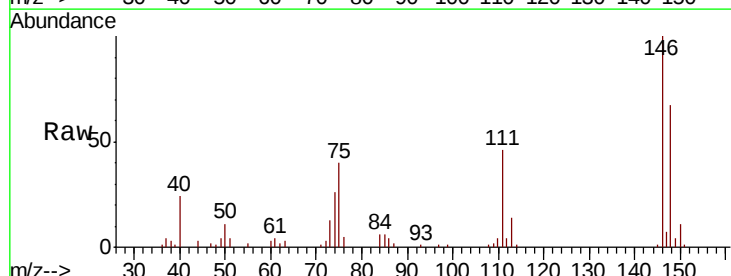
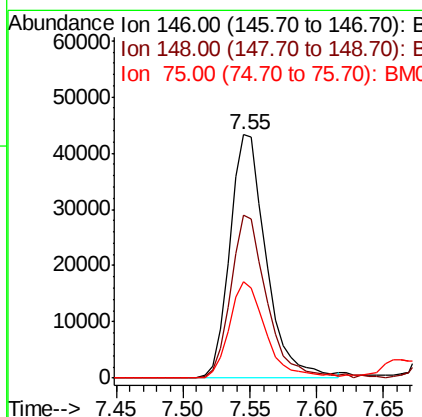
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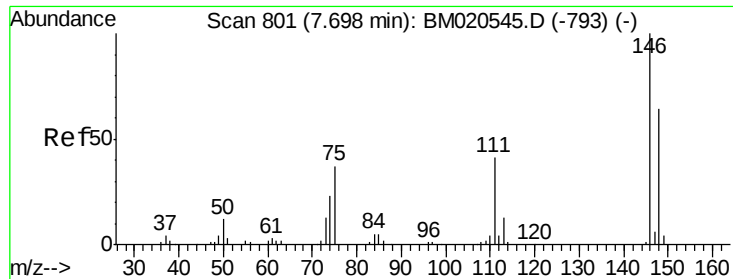
mohammad
5/27/2019 3:59:39 AM



#12
1,3-Dichlorobenzene
Concen: 20.426 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.9	77.9
75	39.7	31.6	47.4





#13

1,4-Dichlorobenzene

Concen: 19.907 ng

RT: 7.70 min Scan# 801

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

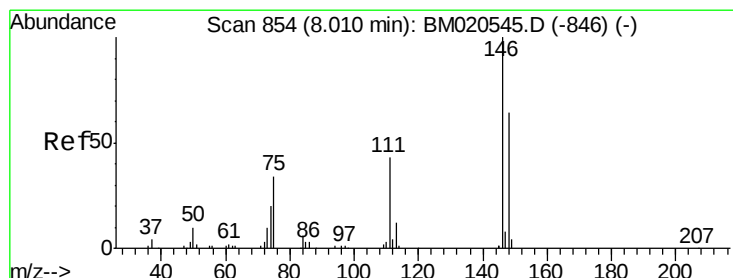
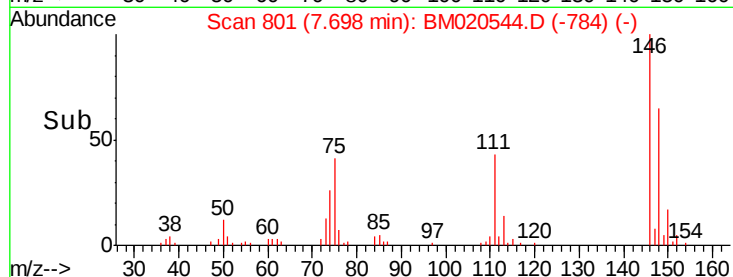
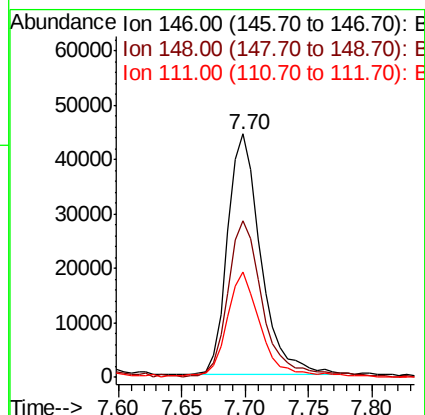
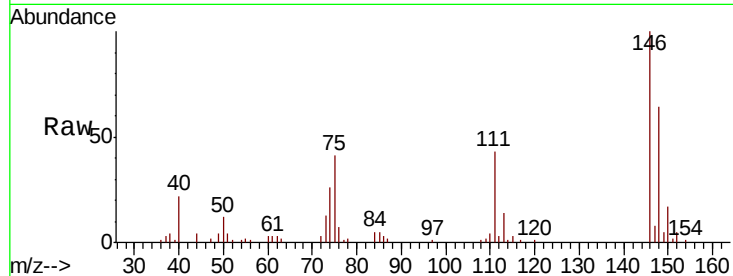
ClientSampleId :

SSTDIC020

Tot Ion:	146	Resp:	80769
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.1	76.7
111	43.1	33.5	50.3

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#14

1,2-Dichlorobenzene

Concen: 21.125 ng

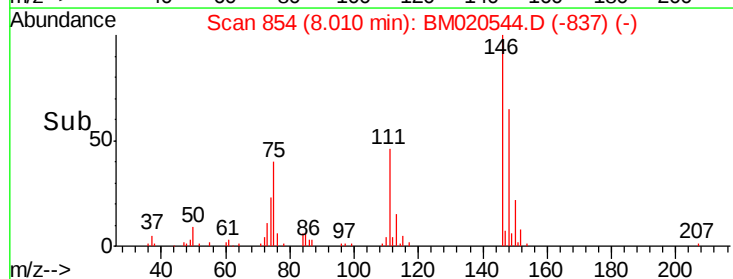
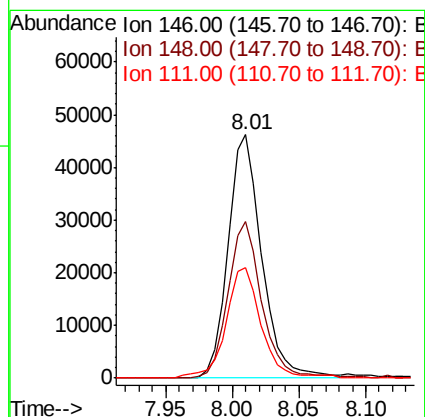
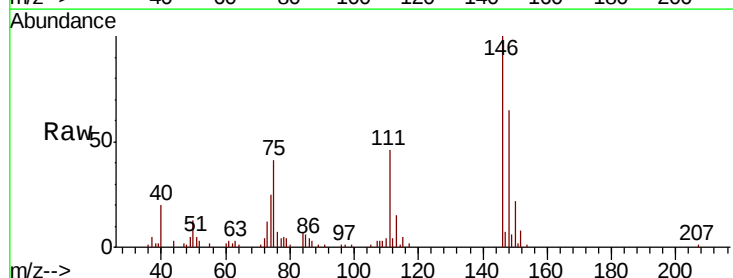
RT: 8.01 min Scan# 854

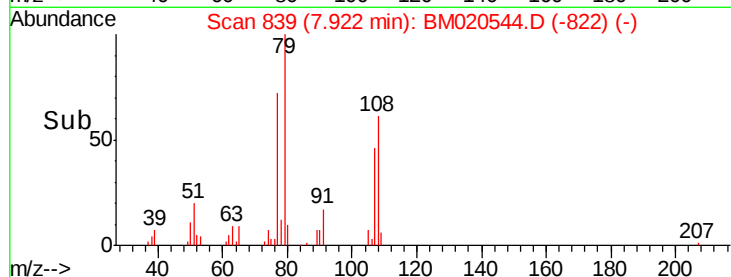
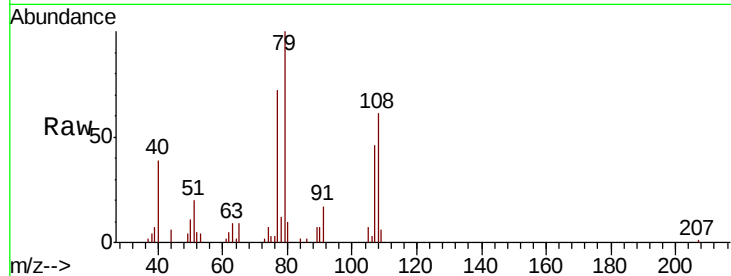
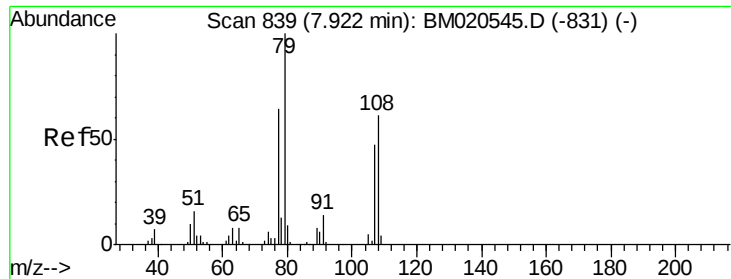
Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Tgt Ion:	146	Resp:	81656
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.2	76.8
111	45.6	35.2	52.8





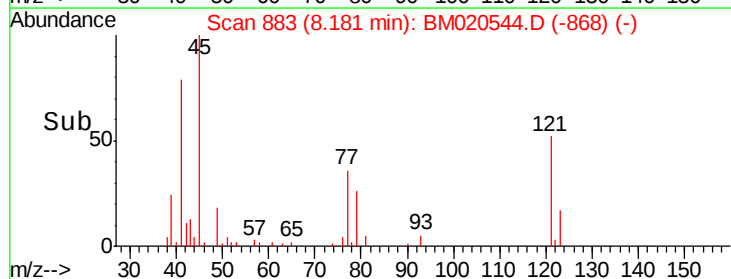
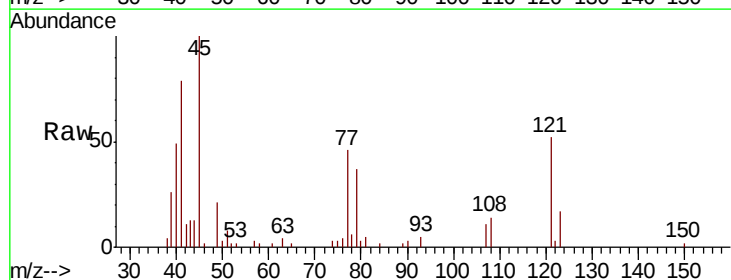
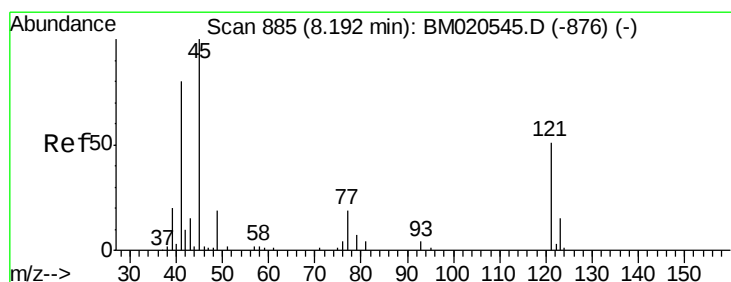
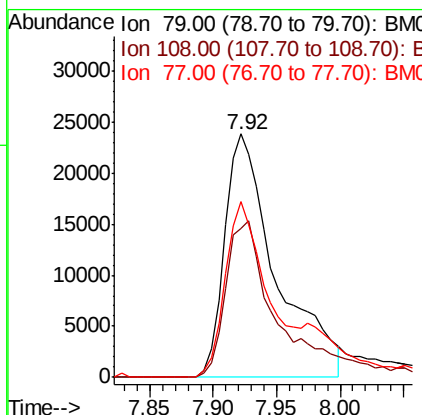
#15
Benzyl Alcohol
Concen: 16.147 ng
RT: 7.92 min Scan# 839
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.2	48.5	72.7
77	71.9	50.9	76.3

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

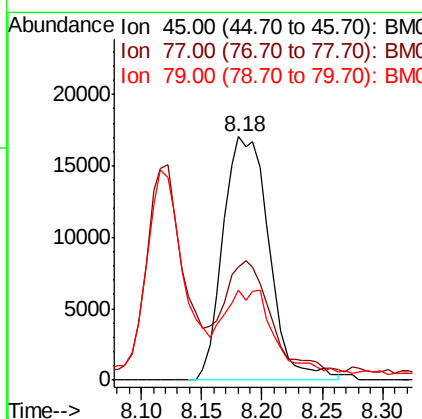
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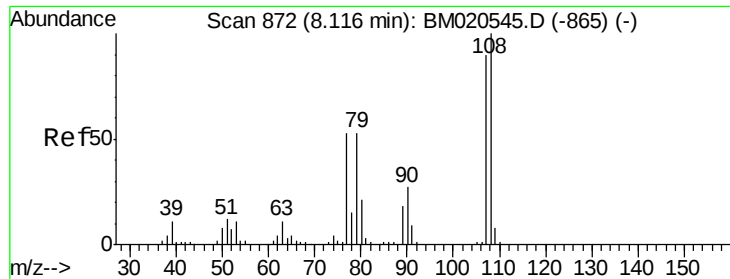
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 16.091 ng
RT: 8.18 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	46.3	25.0	65.0
79	37.0	13.1	53.1





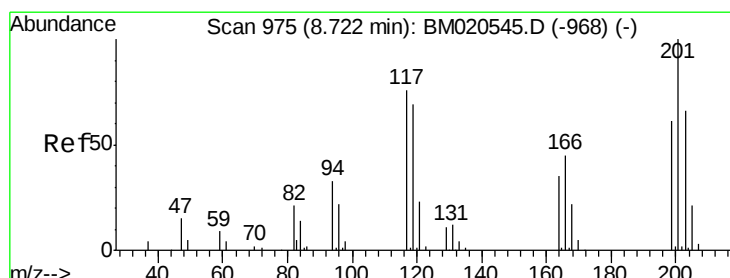
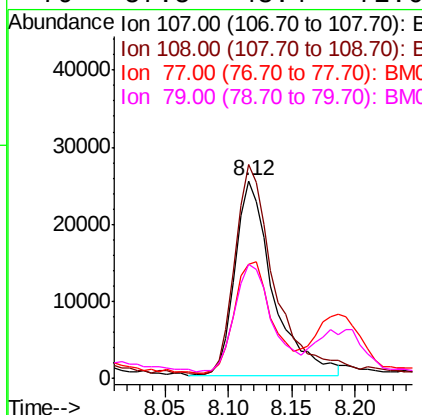
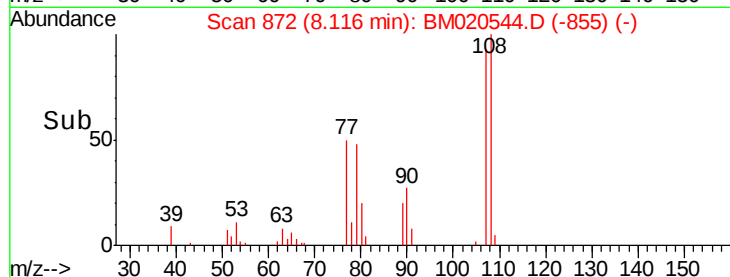
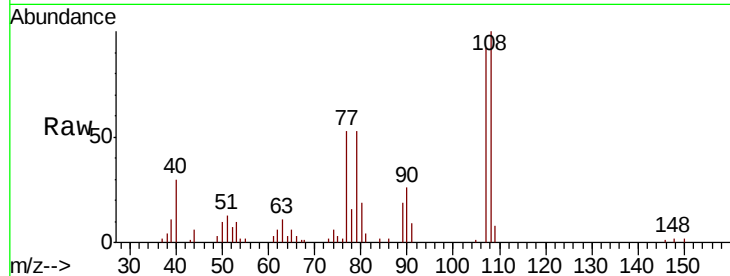
#17
2-Methylphenol
Concen: 17.412 ng
RT: 8.12 min Scan# 872
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampled :
SSTDIC020

Tot Ion	107	Resp	52261
Ion Ratio	Lower	Upper	
107	100		
108	108.2	89.4	134.2
77	57.8	48.2	72.4
79	57.5	48.4	72.6

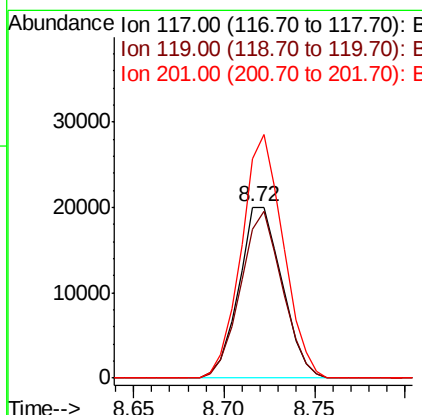
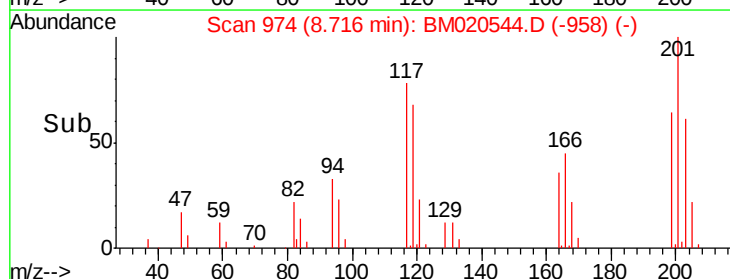
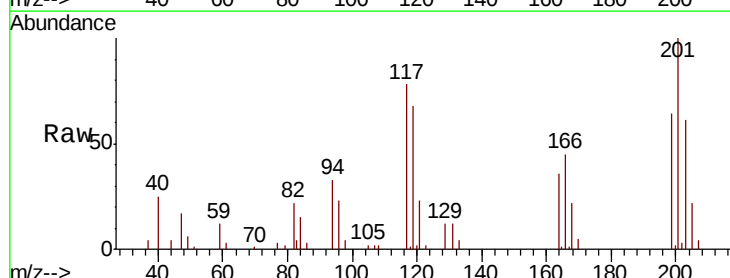
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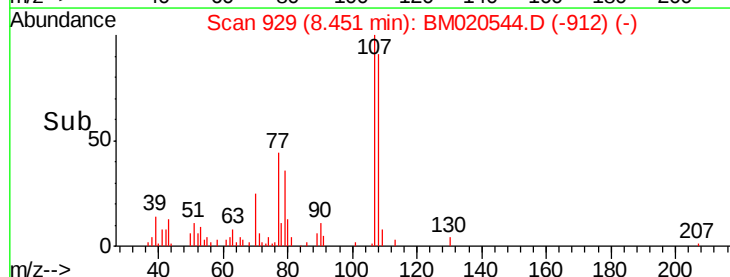
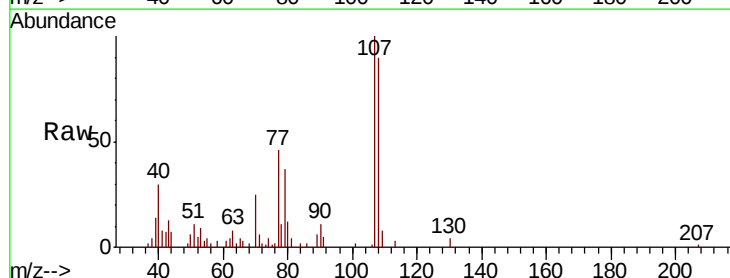
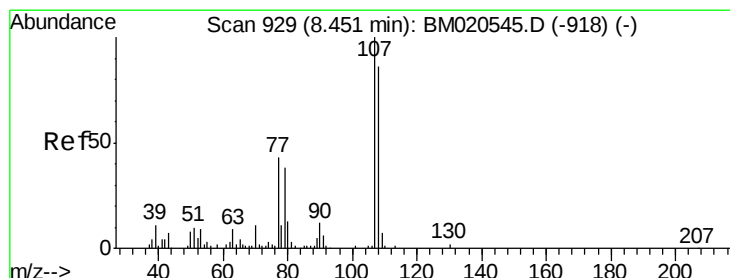
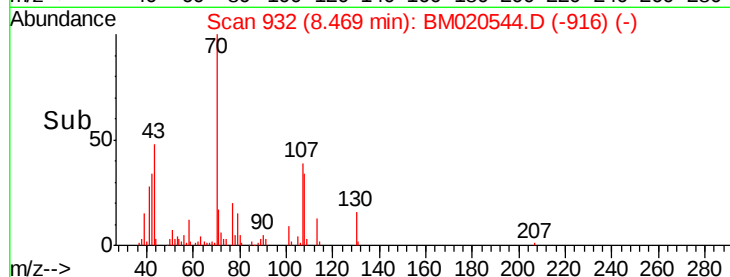
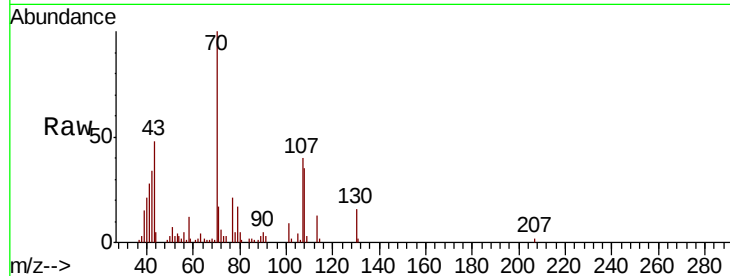
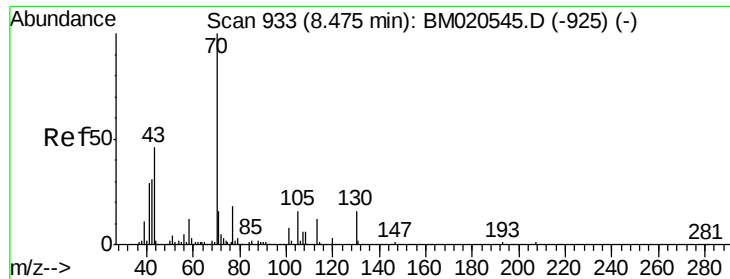
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#18
Hexachloroethane
Concen: 19.650 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

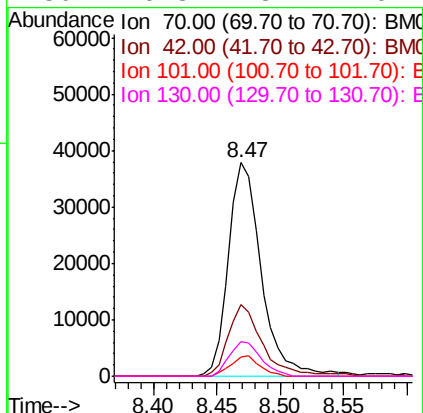
Tgt Ion	117	Resp	33243
Ion Ratio	Lower	Upper	
117	100		
119	87.1	73.2	109.8
201	128.5	105.8	158.8





#19
n-Nitroso-di-n-propylamine
Concen: 18.402 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tot Ion	Ratio	Lower	Upper
70	100		
42	33.9	24.7	37.1
101	9.1	6.8	10.2
130	16.3	13.1	19.7



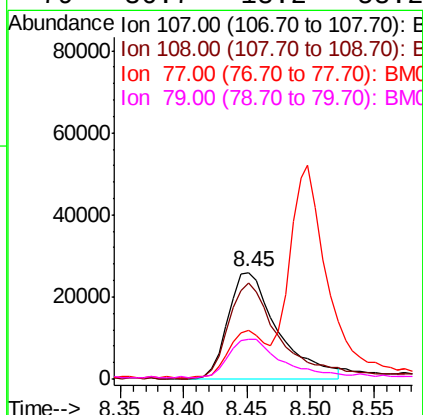
Instrument :
BNA_M
ClientSampleId :
SSTDIC020

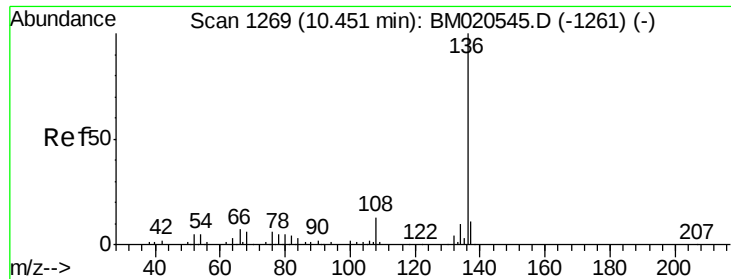
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#20
3+4-Methylphenols
Concen: 17.824 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	66.5	106.5
77	45.7	23.0	63.0
79	36.7	18.2	58.2





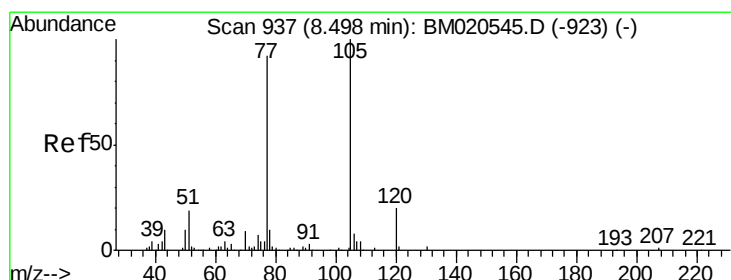
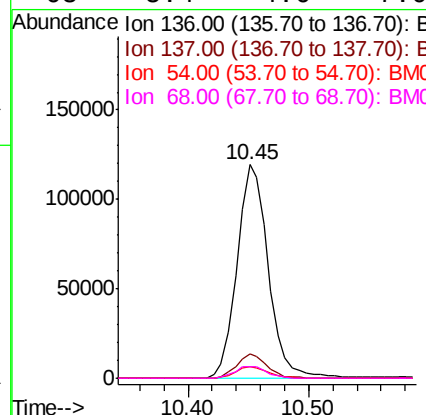
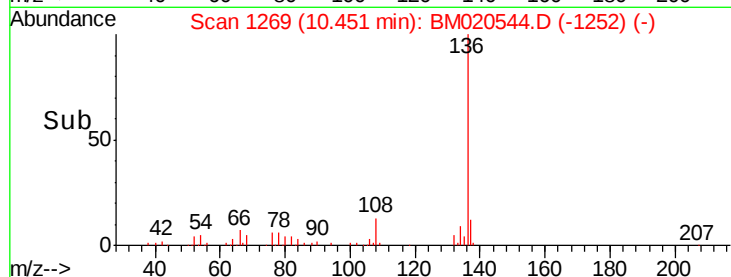
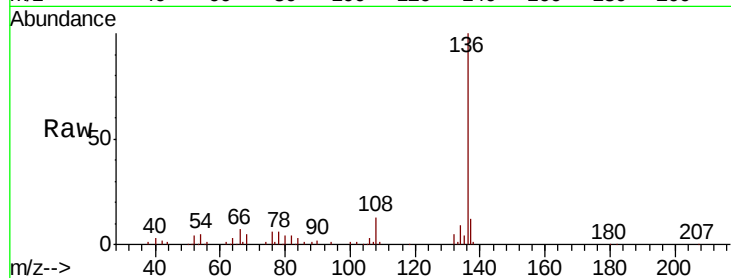
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	215423		
137	11.6		8.4	12.6
54	5.3		4.2	6.4
68	5.4		4.6	7.0

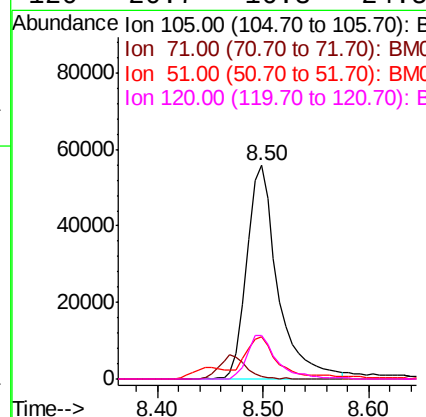
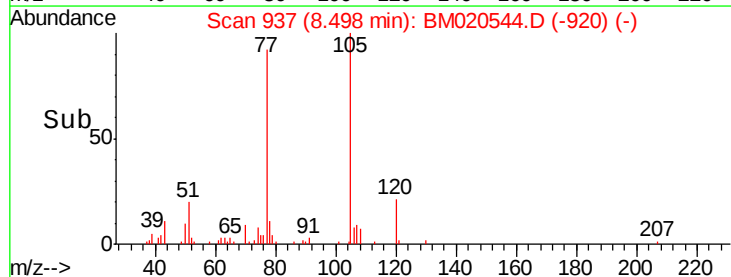
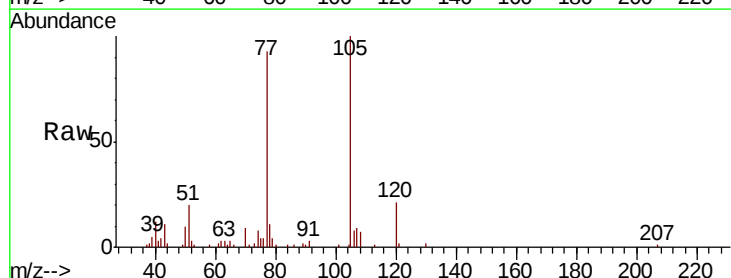
Manual Integrations
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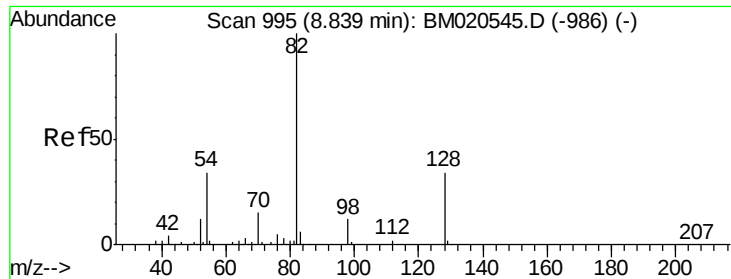
mohammad
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#22
Acetophenone
Concen: 19.309 ng
RT: 8.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	113683		
71	1.5		1.3	1.9
51	19.6		15.7	23.5
120	20.7		16.3	24.5





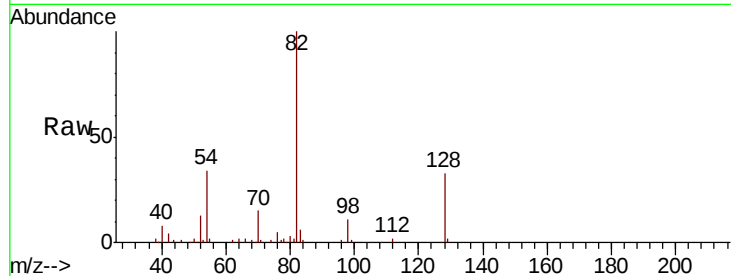
#23
 Nitrobenzene-d5
 Concen: 35.585 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.5	27.0	40.4	
54	34.3	27.4	41.2	

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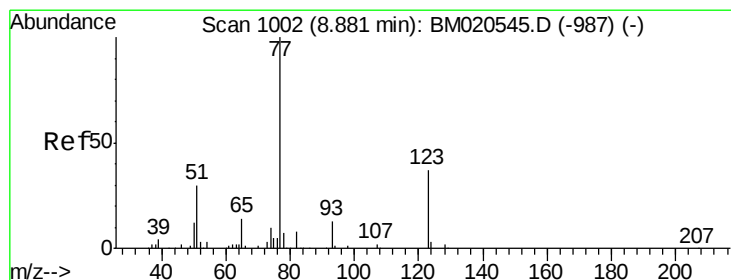
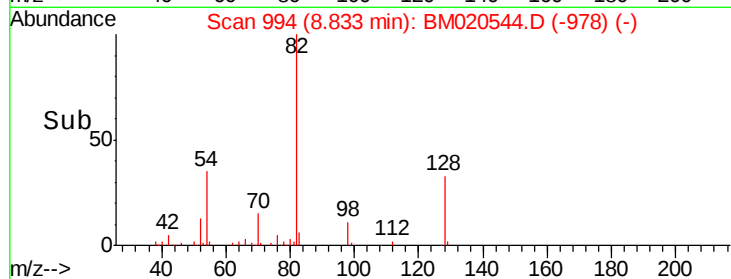
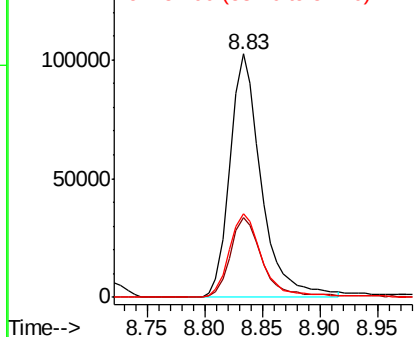


Abundance

Ion 82.00 (81.70 to 82.70): BM020545.D (-986) (-)

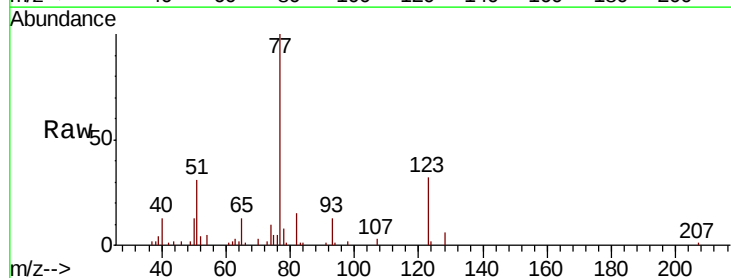
Ion 128.00 (127.70 to 128.70): BM020545.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-986) (-)



#24
 Nitrobenzene
 Concen: 17.272 ng
 RT: 8.87 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	31.7	29.4	44.2	
65	13.5	10.8	16.2	

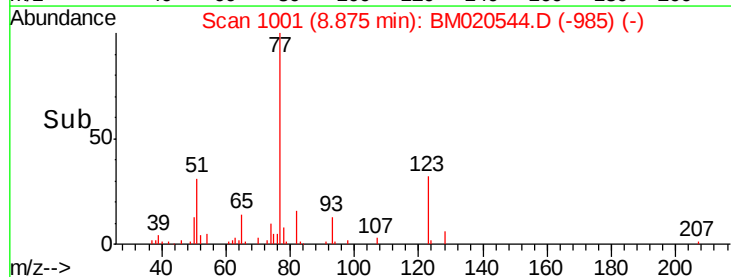
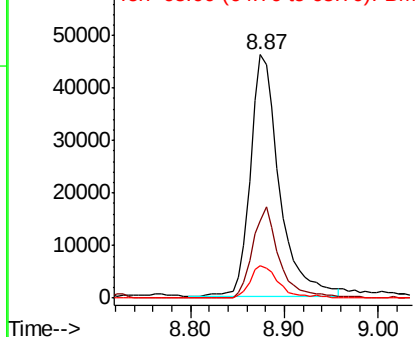


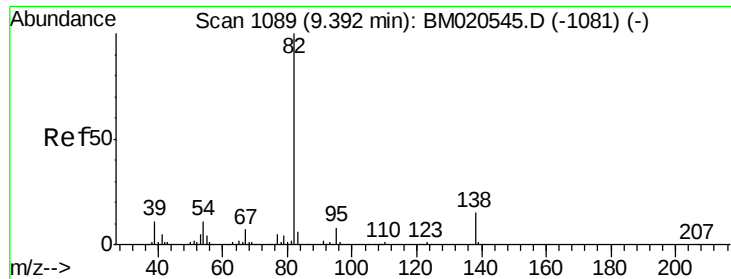
Abundance

Ion 77.00 (76.70 to 77.70): BM020545.D (-987) (-)

Ion 123.00 (122.70 to 123.70): BM020545.D (-987) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-987) (-)





#25

Isophorone

Concen: 20.092 ng

RT: 9.39 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

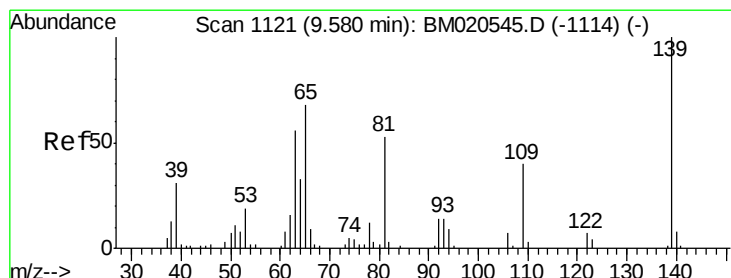
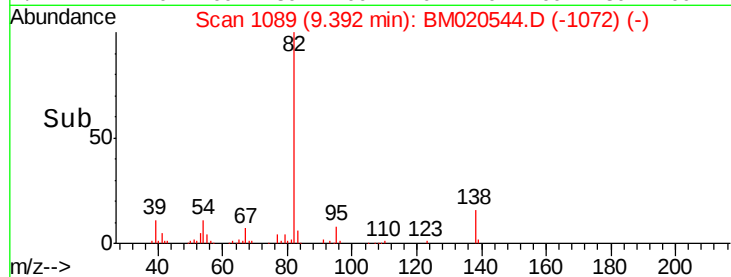
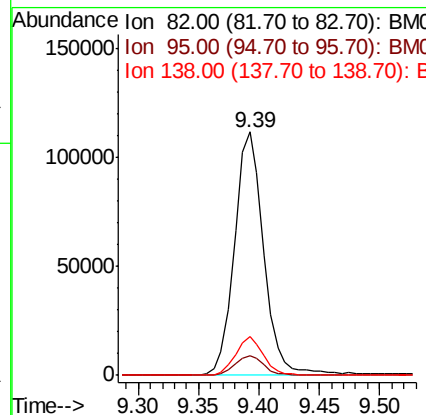
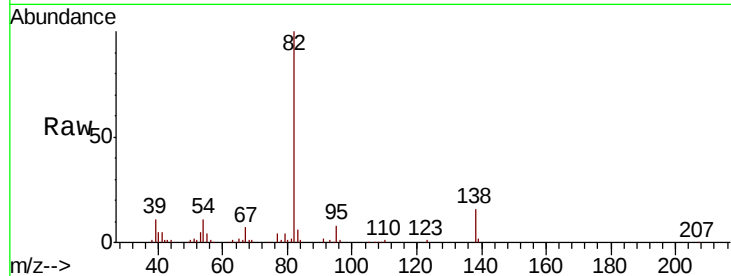
ClientSampleId :

SSTDIC020

Tot Ion:	82	Resp:	189059
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.7	10.1
138	16.2	12.0	18.0

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#26

2-Nitrophenol

Concen: 19.789 ng

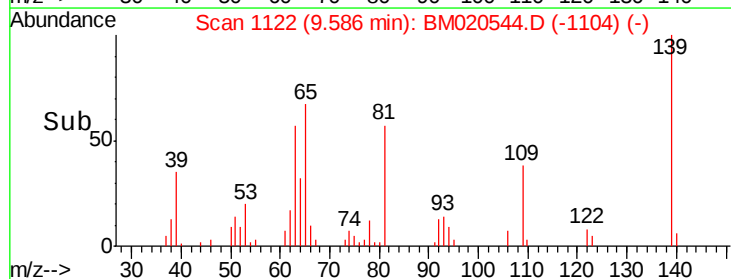
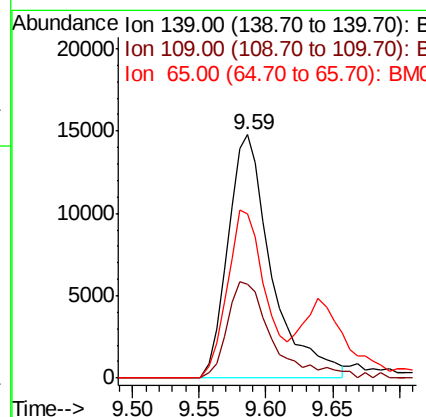
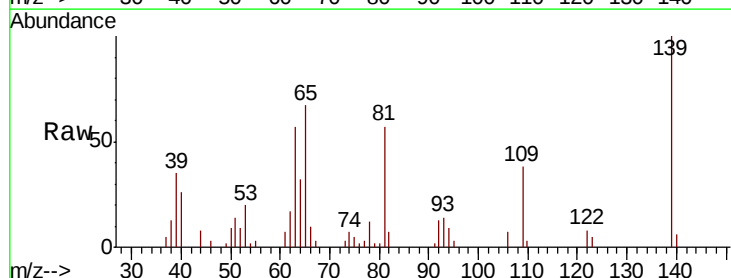
RT: 9.59 min Scan# 1122

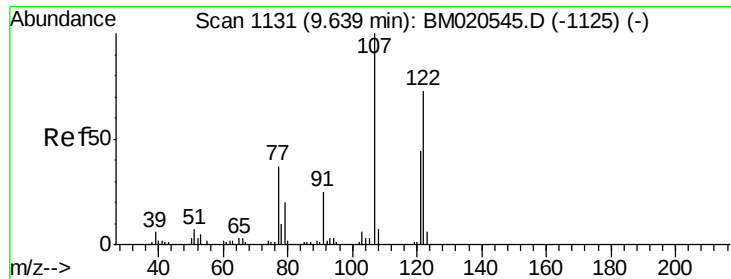
Delta R.T. 0.01 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Tgt Ion:	139	Resp:	33800
Ion Ratio	Lower	Upper	
139	100		
109	38.5	32.3	48.5
65	67.4	54.4	81.6





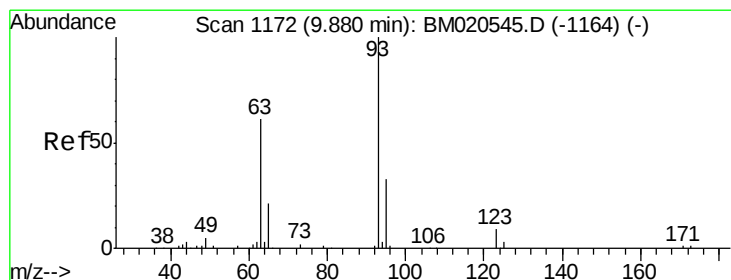
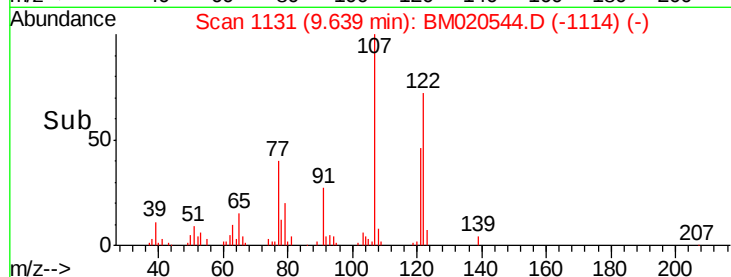
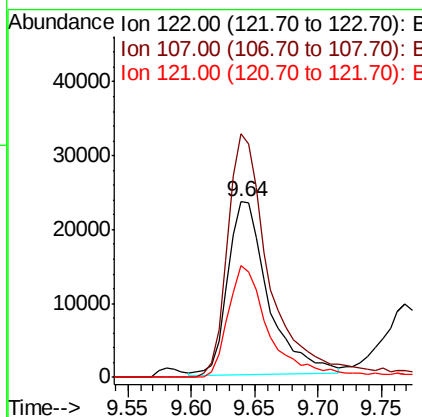
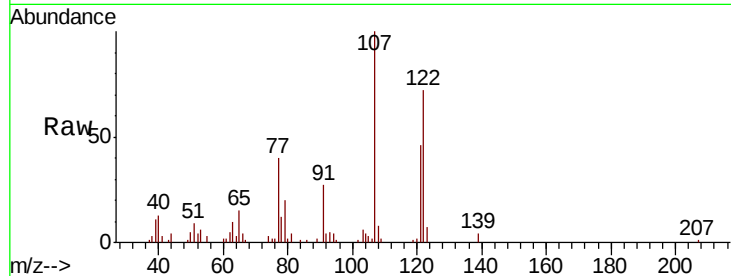
#27
2,4-Dimethylphenol
Concen: 18.206 ng
RT: 9.64 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.6	108.2	162.2
121	63.8	47.4	71.0

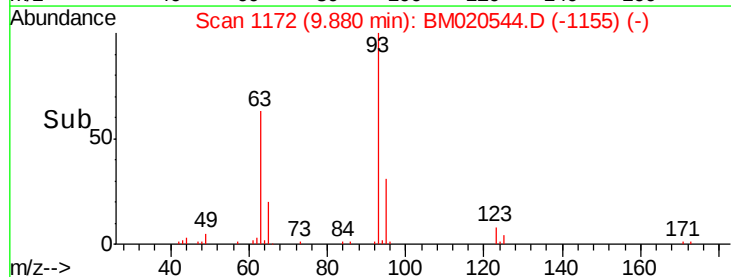
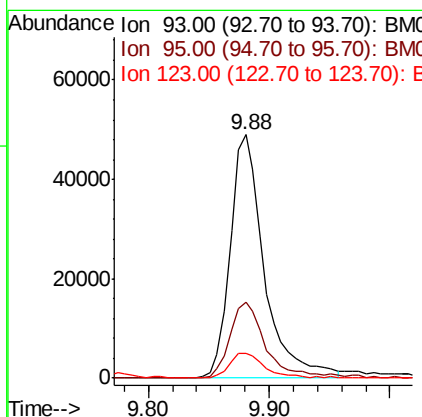
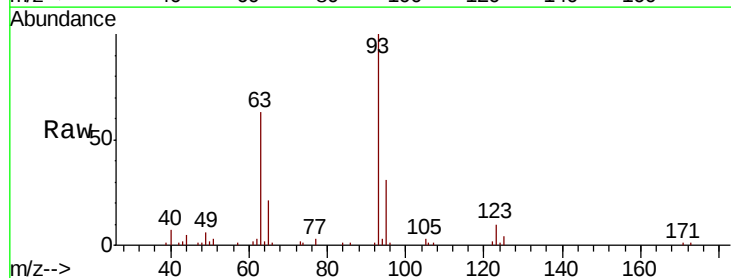
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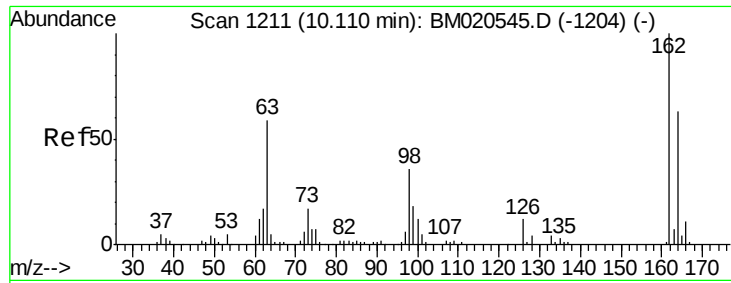
mohammad
5/27/2019 3:59:39 AM



#28
bis(2-Chloroethoxy)methane
Concen: 18.746 ng
RT: 9.88 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.1	39.1
123	10.0	8.1	12.1





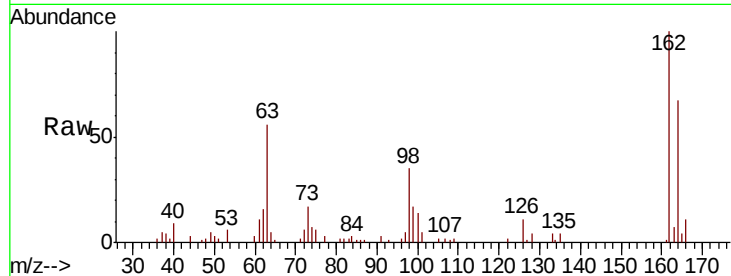
#29
 2,4-Dichlorophenol
 Concen: 19.107 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	43.1	83.1
98	35.0	16.2	56.2

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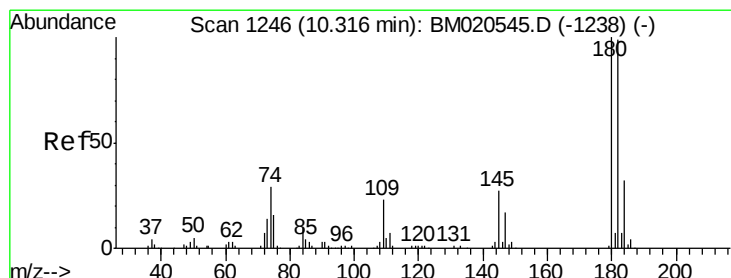
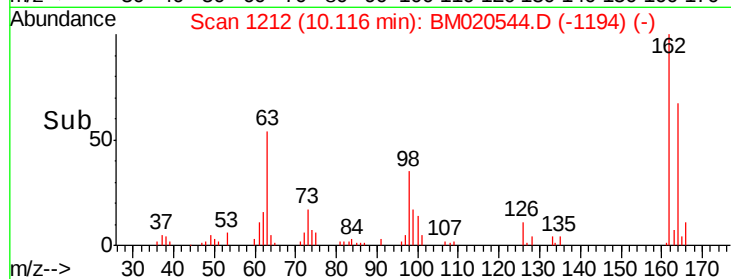
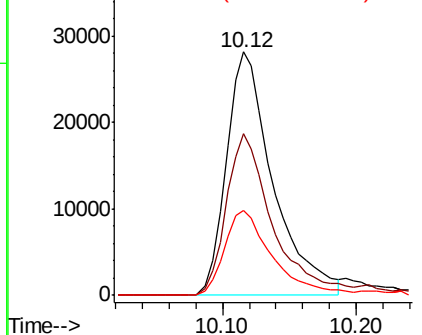


Abundance

Ion 162.00 (161.70 to 162.70): E

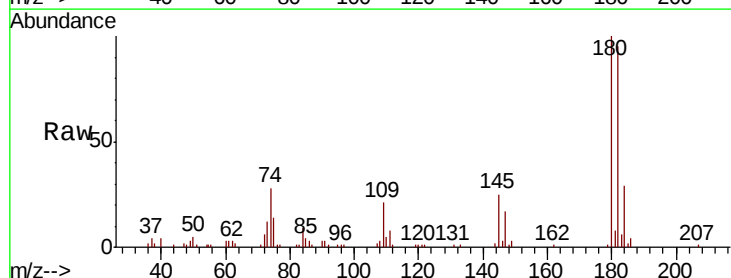
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 22.460 ng
 RT: 10.32 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.8	118.2
145	25.2	21.3	31.9

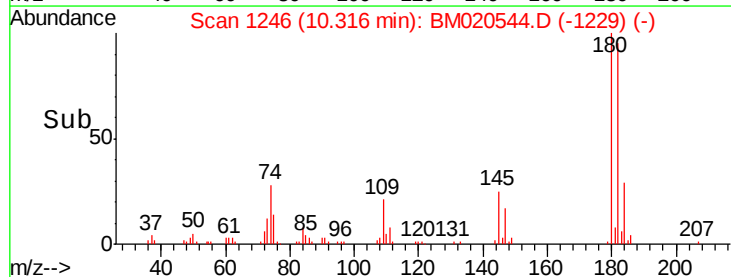
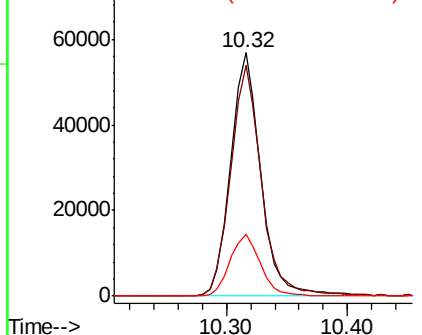


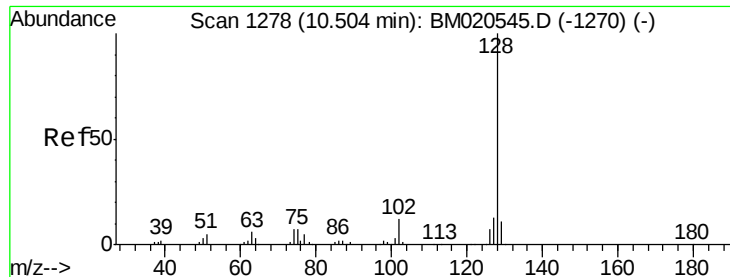
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





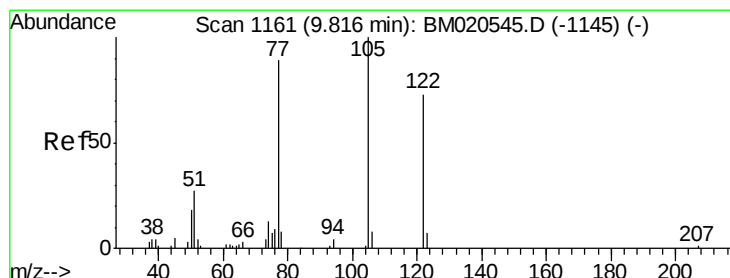
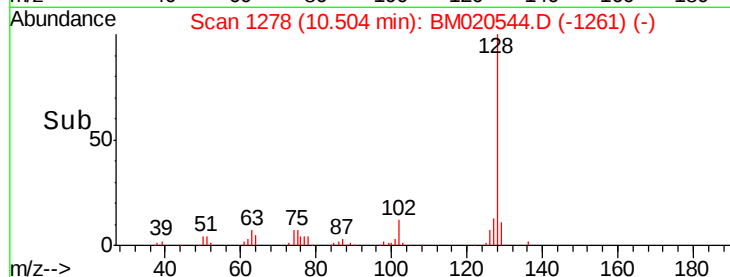
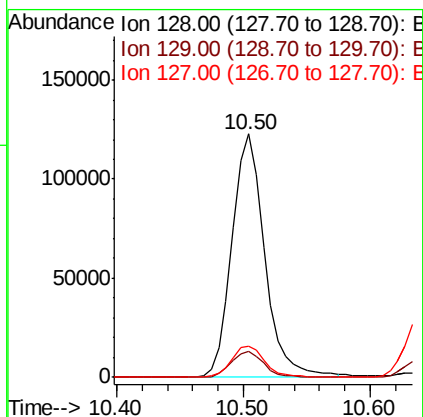
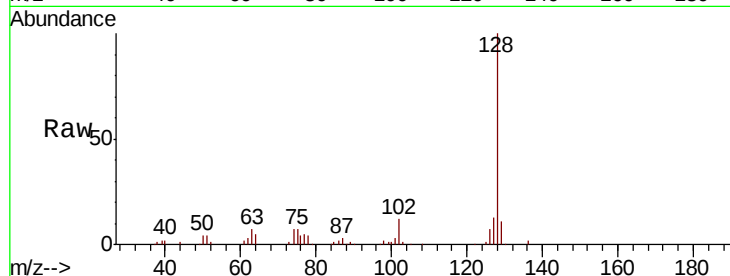
#31
Naphthalene
Concen: 19.612 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.6	10.4	15.6

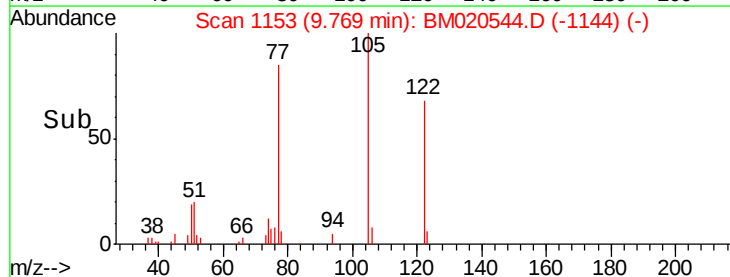
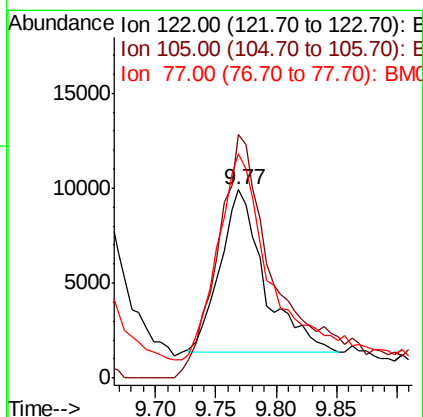
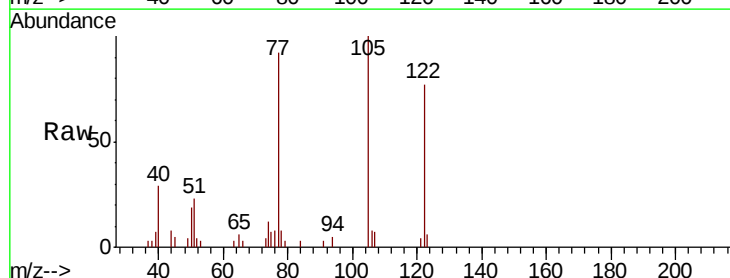
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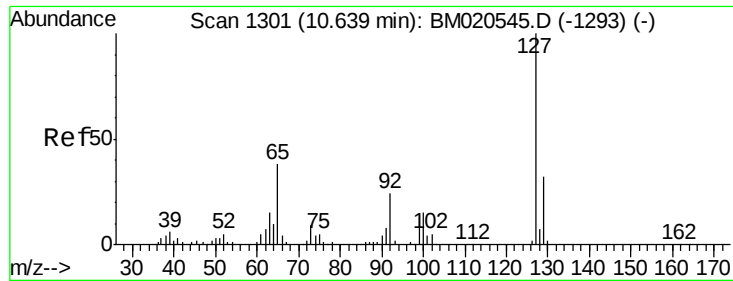
mohammad
5/27/2019 3:59:39 AM



#32
Benzoic acid
Concen: 11.625 ng
RT: 9.77 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	108.8	148.8
77	119.2	97.8	137.8





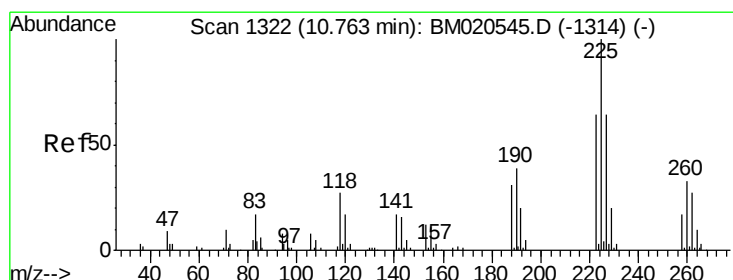
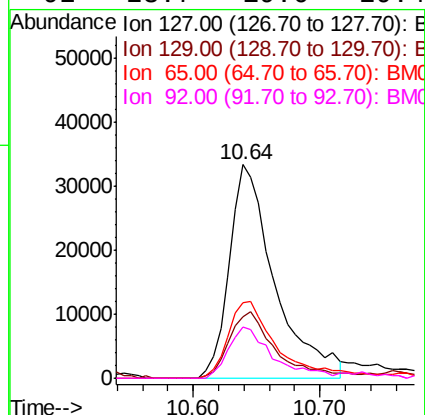
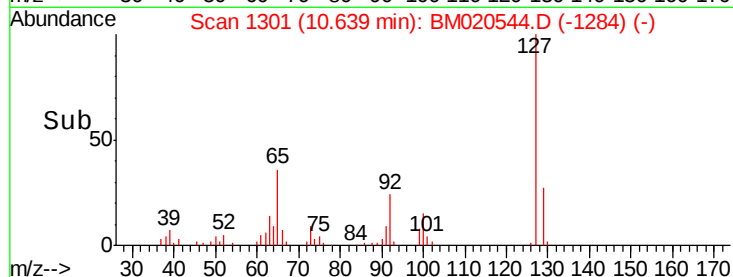
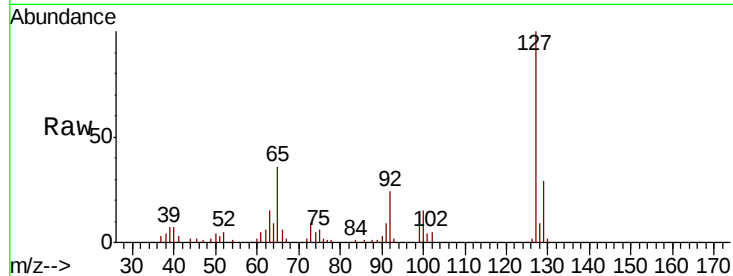
#33
4-Chloroaniline
Concen: 17.957 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.4	38.2
65	35.6	30.6	45.8
92	23.7	19.6	29.4

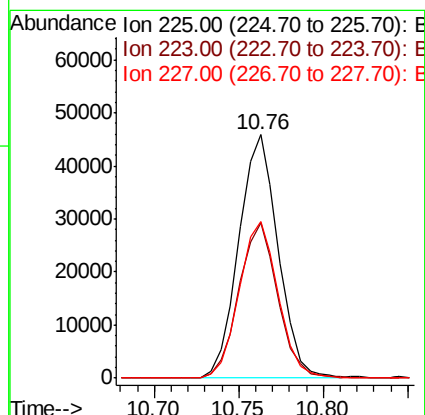
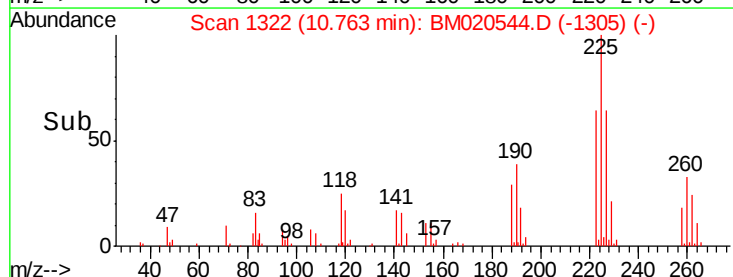
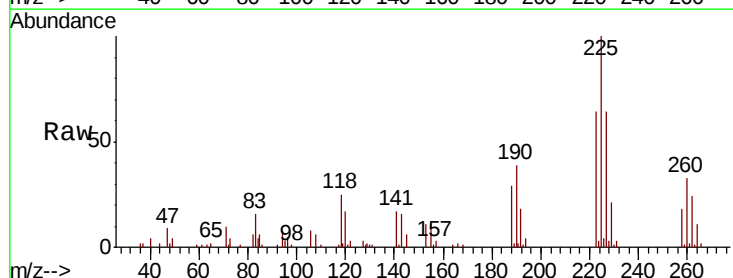
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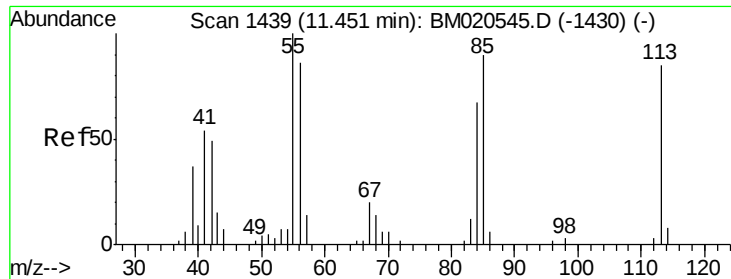
mohammad
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#34
Hexachlorobutadiene
Concen: 23.750 ng
RT: 10.76 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.0
227	64.3	51.0	76.6





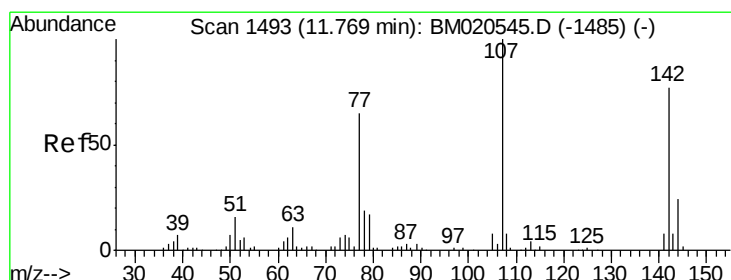
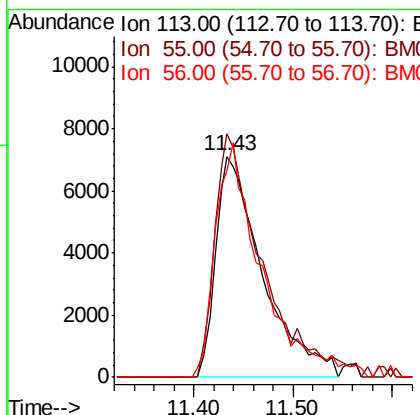
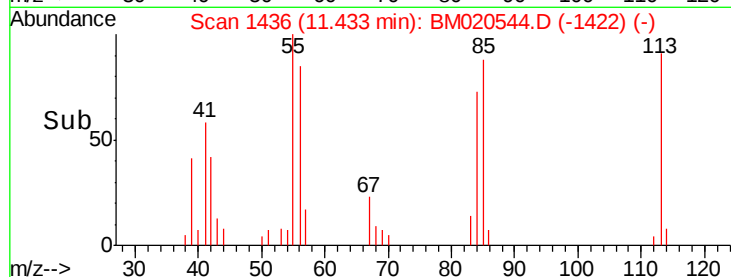
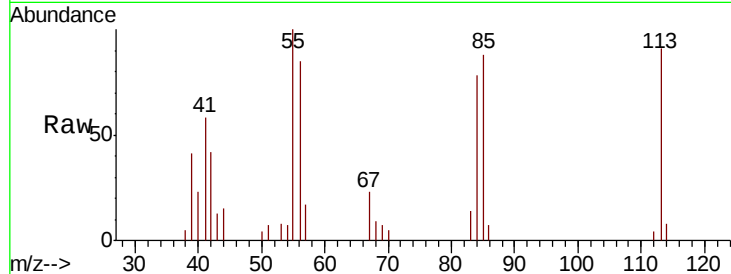
#35
 Caprolactam
 Concen: 21.716 ng/ml
 RT: 11.43 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		23283		
55	110.3	97.6	137.6		
56	93.8	81.6	121.6		

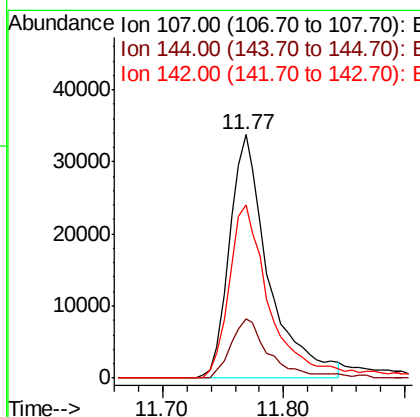
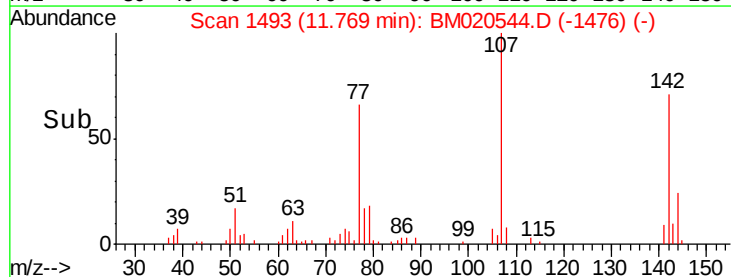
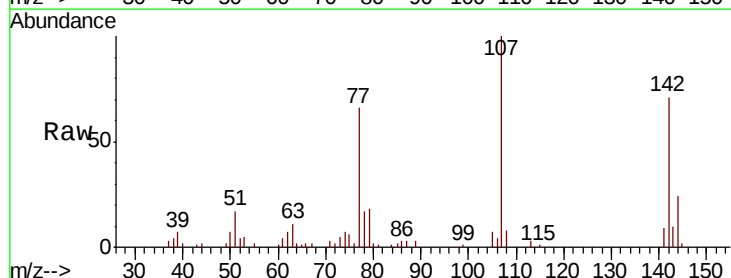
Manual Integrations
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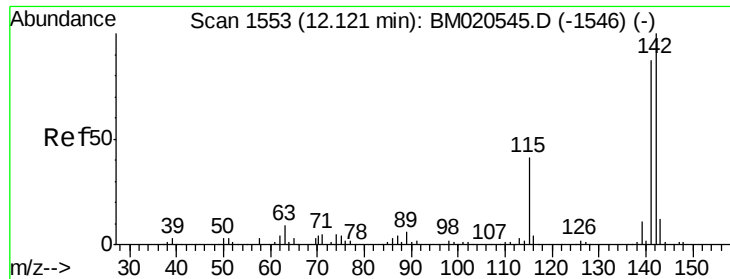
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 17.999 ng/ml
 RT: 11.77 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		75843		
144	24.2	19.0	28.6		
142	71.1	61.3	91.9		





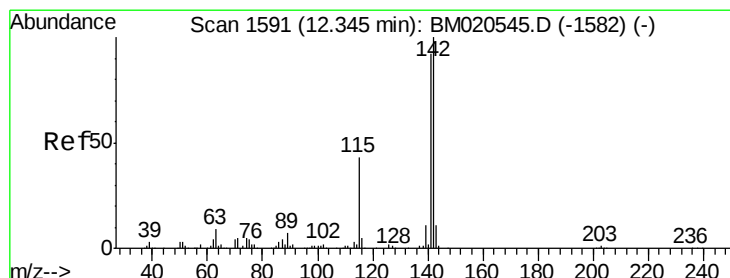
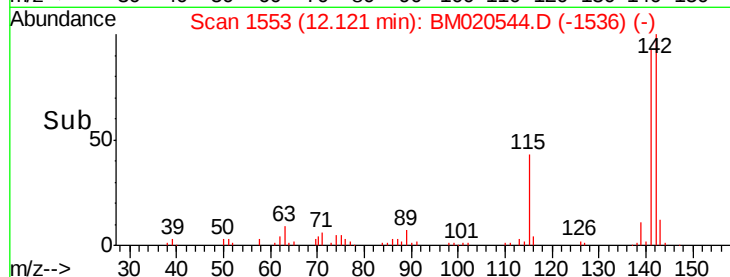
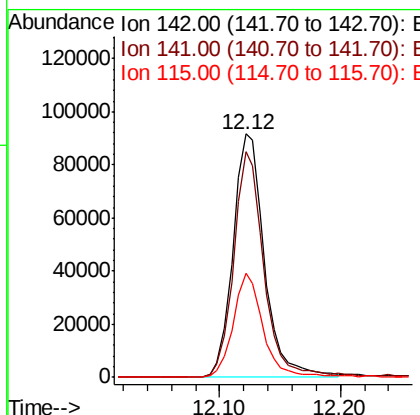
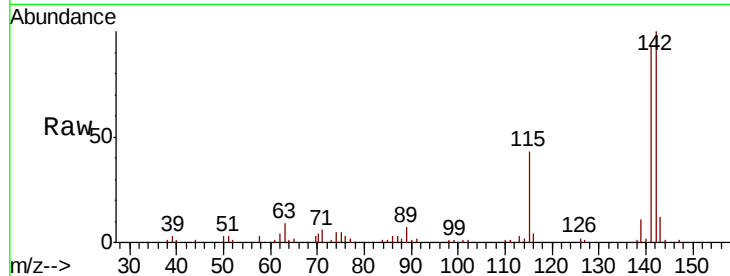
#37
2-Methylnaphthalene
Concen: 20.352 ng
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	69.9	104.9
115	42.9	32.9	49.3

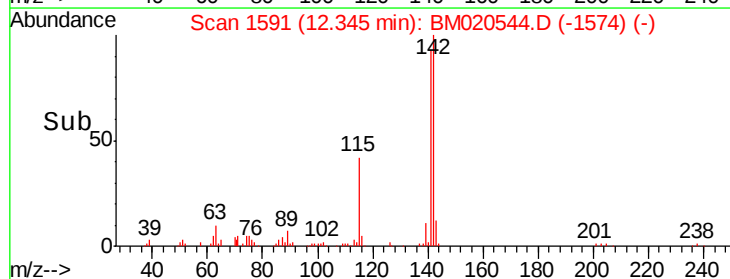
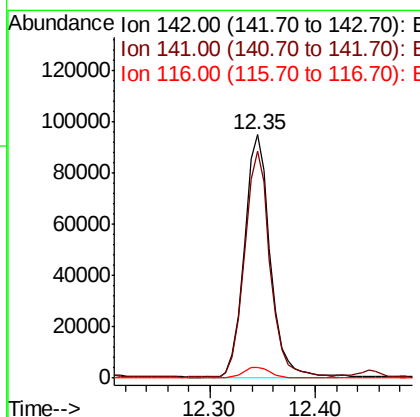
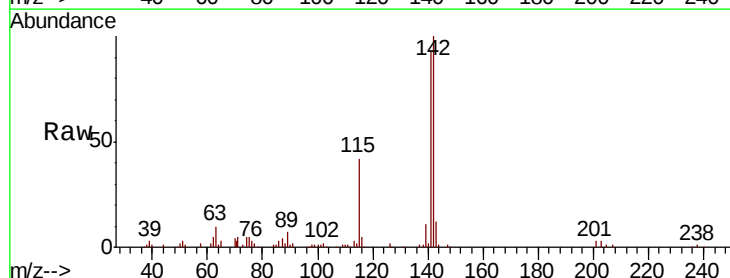
Manual Integrations
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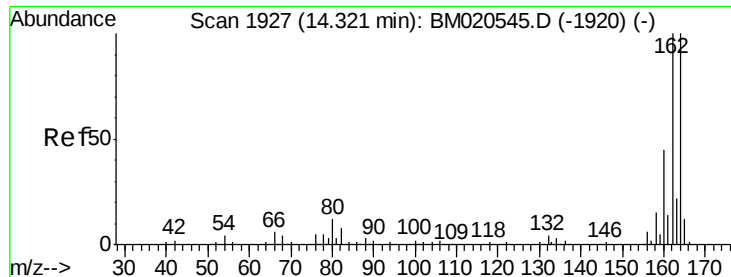
mohammad
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#38
1-Methylnaphthalene
Concen: 20.422 ng
RT: 12.35 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.7	110.5
116	4.5	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

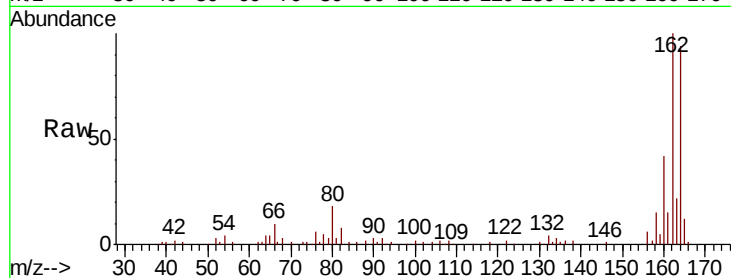
ClientSampleId :

SSTDICC020

Tot Ion:	164	Resp:	158681
Ion Ratio	Lower	Upper	
164	100		
162	106.3	79.8	119.8
160	44.3	35.9	53.9

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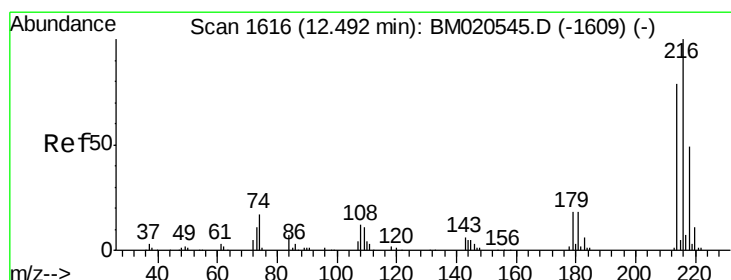
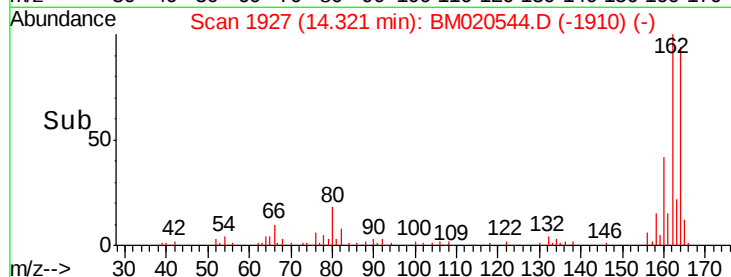
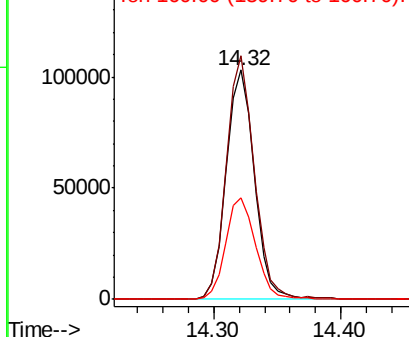


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.114 ng

RT: 12.49 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Tgt Ion:	216	Resp:	131078
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.0	94.6
179	18.0	14.8	22.2
108	13.3	10.5	15.7

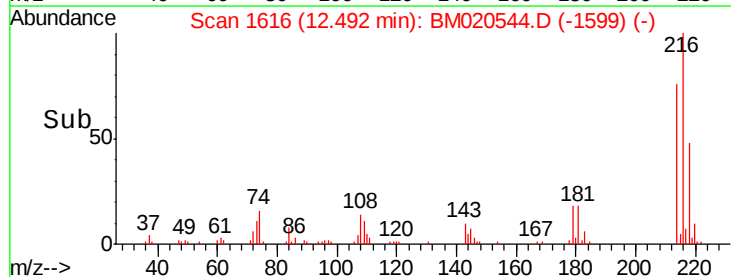
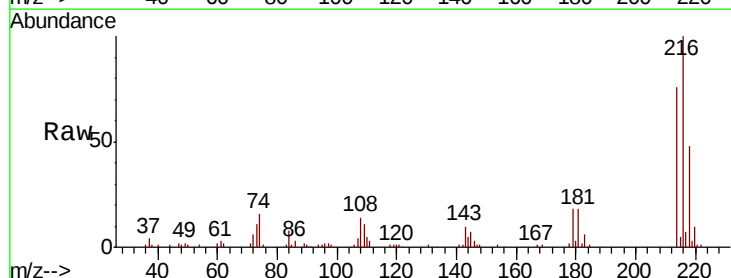
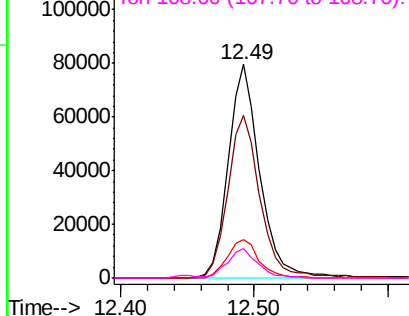
Abundance

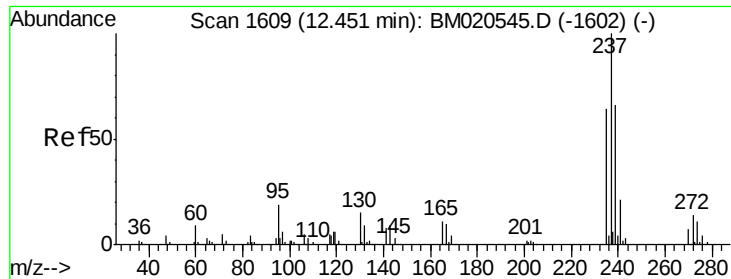
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.849 ng

RT: 12.45 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion:237 Resp: 39658
Ion Ratio Lower Upper

237 100

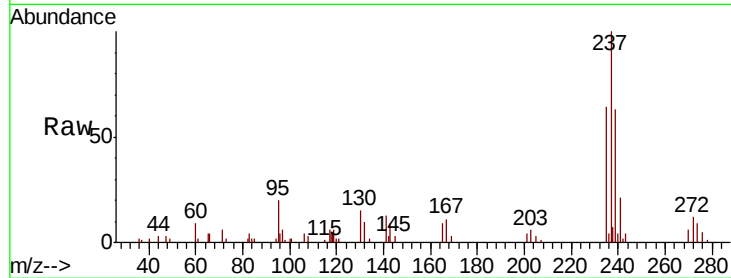
235 64.2 43.5 83.5

272 12.0 0.0 33.9

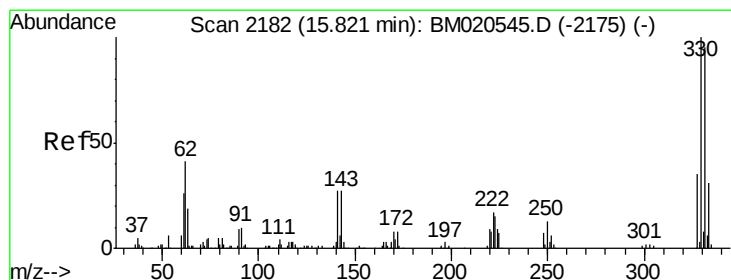
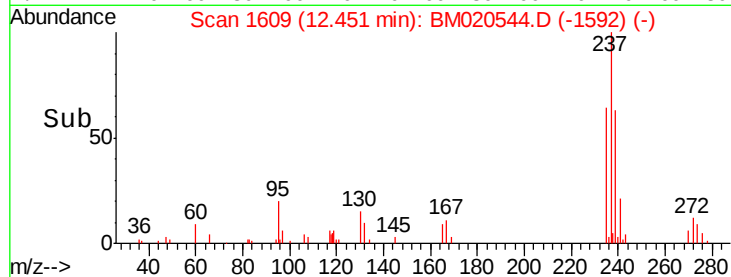
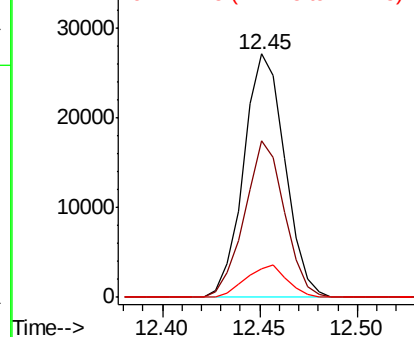
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 49.882 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BM020544.D

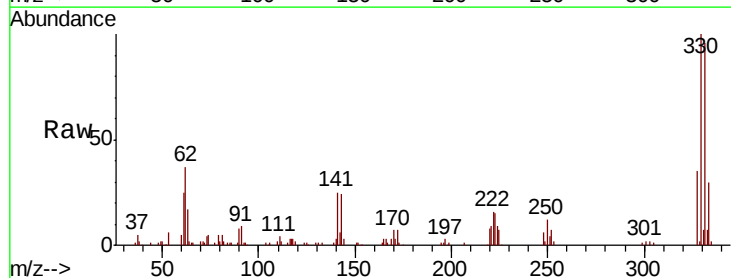
Acq: 24 May 2019 12:11

Tgt Ion:330 Resp: 122861
Ion Ratio Lower Upper

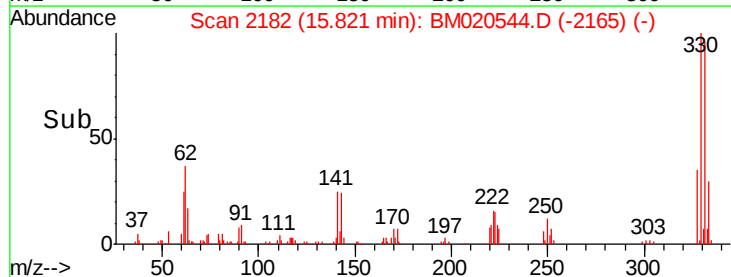
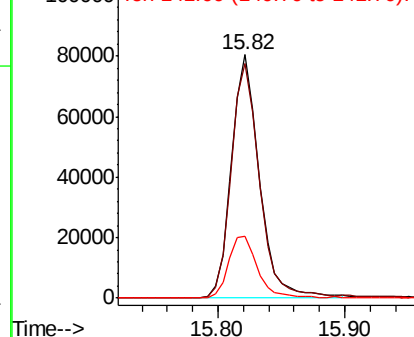
330 100

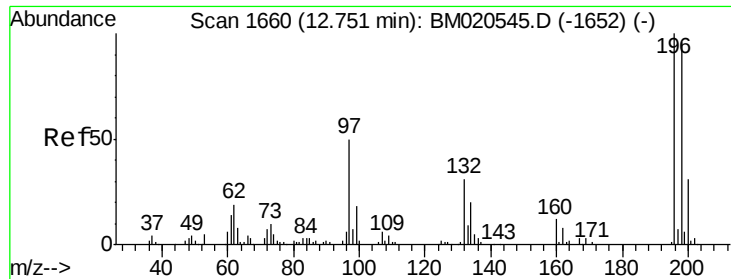
332 97.3 77.5 116.3

141 26.7 21.7 32.5



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





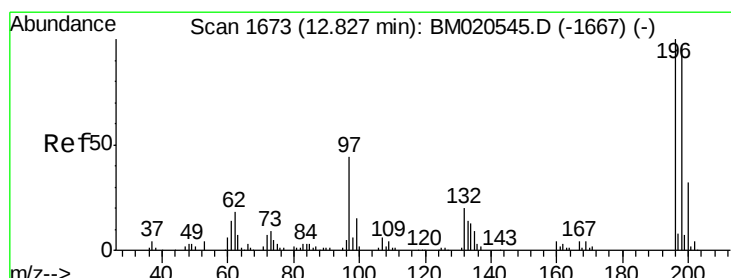
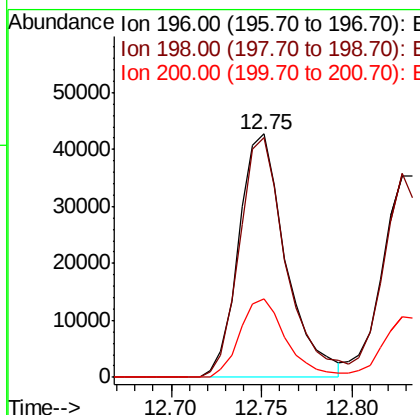
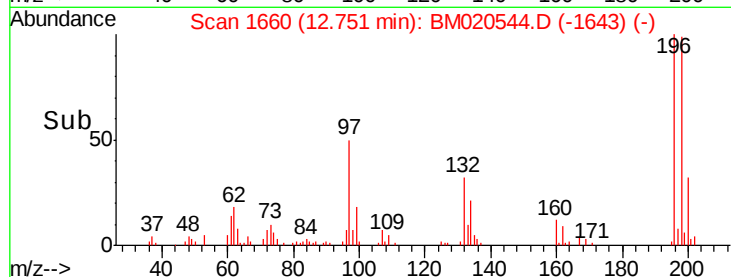
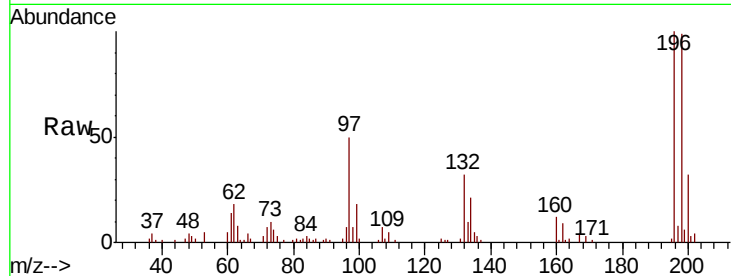
#43
 2,4,6-Trichlorophenol
 Concen: 21.813 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	76963		
198	98.7	76.4	114.6	
200	32.4	25.0	37.4	

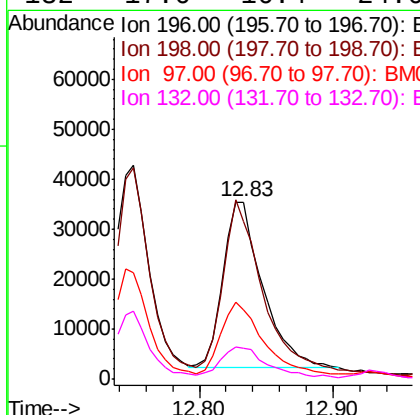
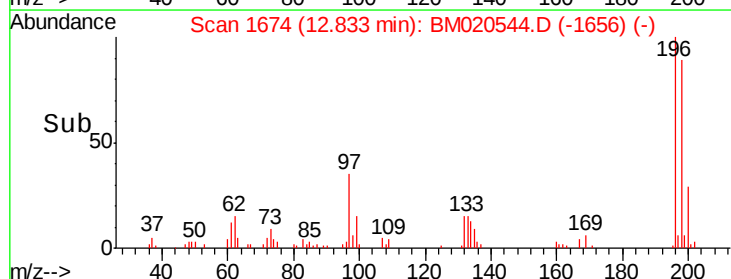
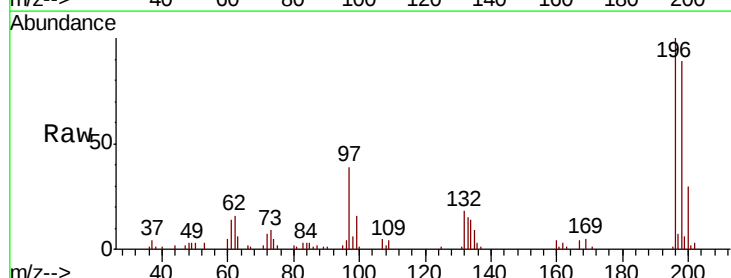
Manual Integrations
 APPROVED

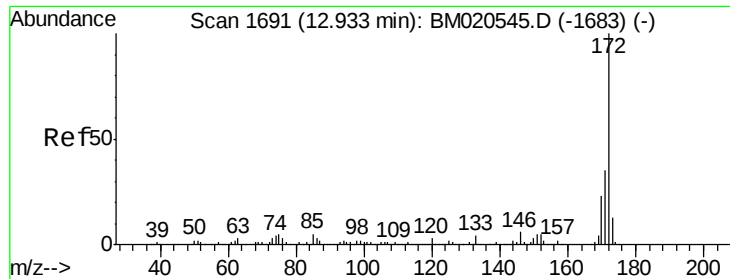
mohammad
 5/27/2019 3:59:39 AM



#44
 2,4,5-Trichlorophenol
 Concen: 17.478 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	68892		
198	89.0	77.6	116.4	
97	39.1	35.4	53.0	
132	17.6	16.4	24.6	





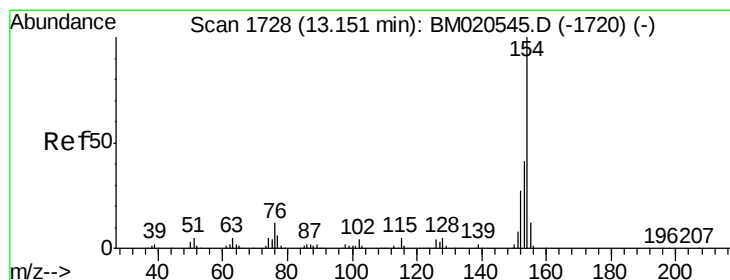
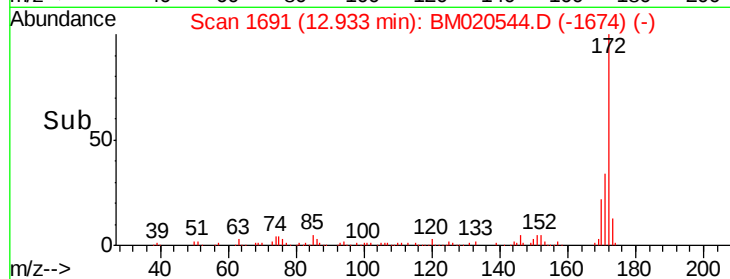
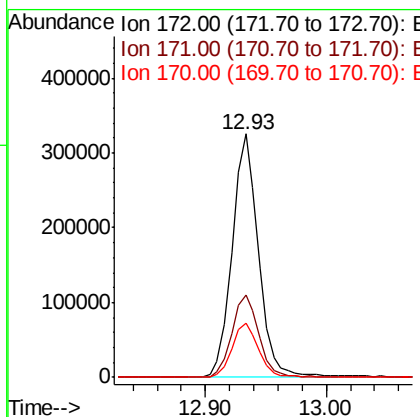
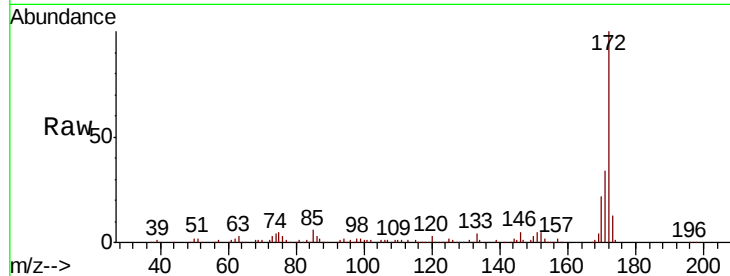
#45
2-Fluorobiphenyl
Concen: 38.273 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.9	41.9
170	22.4	18.2	27.4

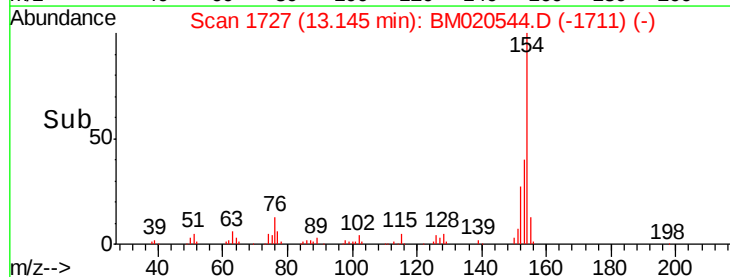
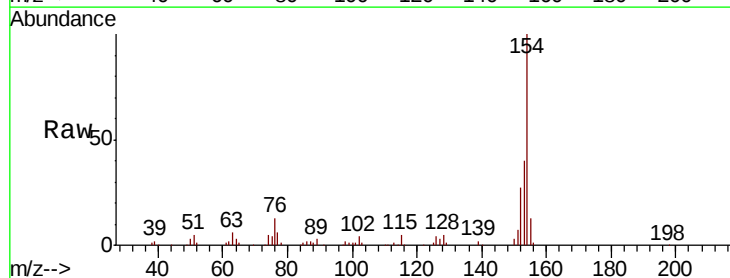
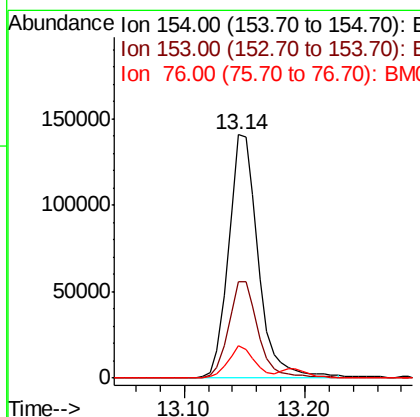
Manual Integrations
APPROVED

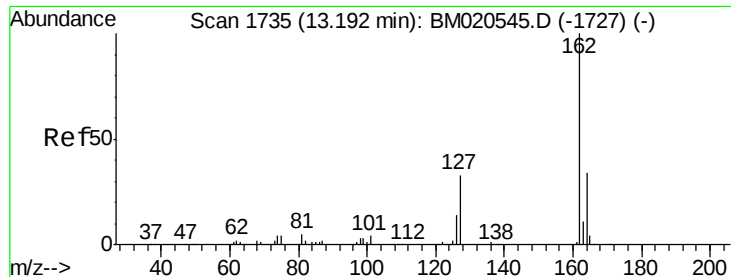
mohammad
5/27/2019 3:59:39 AM



#46
1,1'-Biphenyl
Concen: 18.462 ng
RT: 13.14 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.6	60.6
76	13.2	0.0	32.2





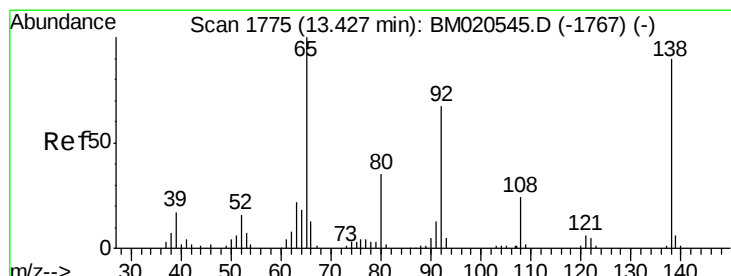
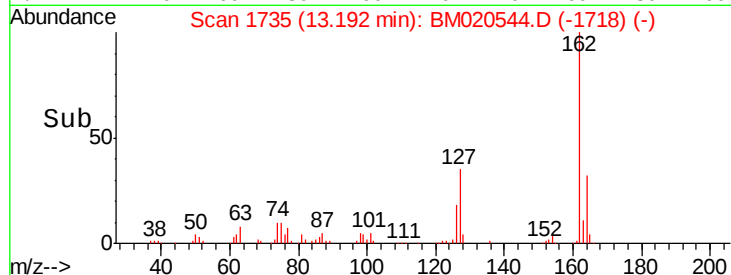
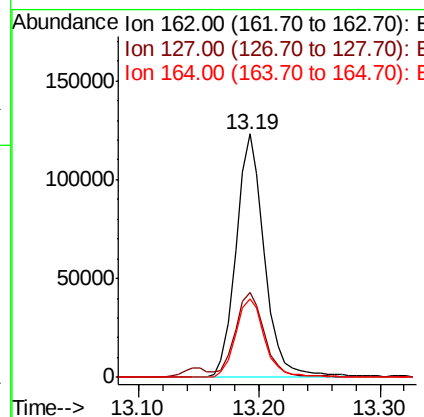
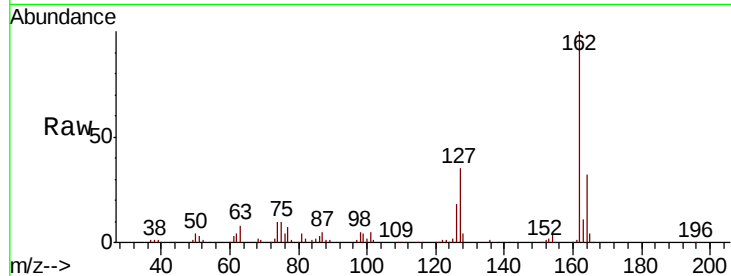
#47
2-Chloronaphthalene
Concen: 19.334 ng
RT: 13.19 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.0	29.2	43.8	
164	32.2	27.4	41.2	

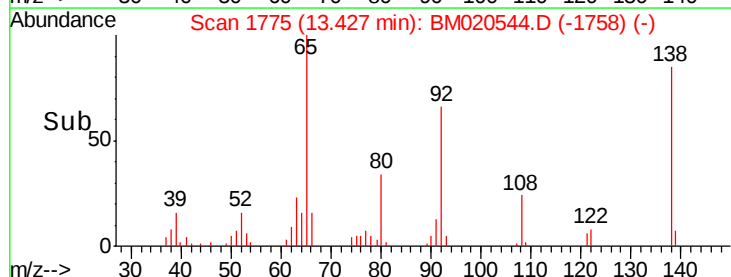
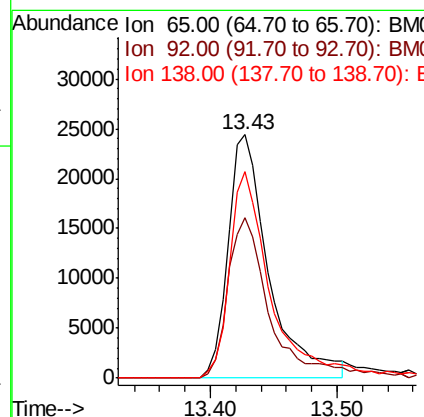
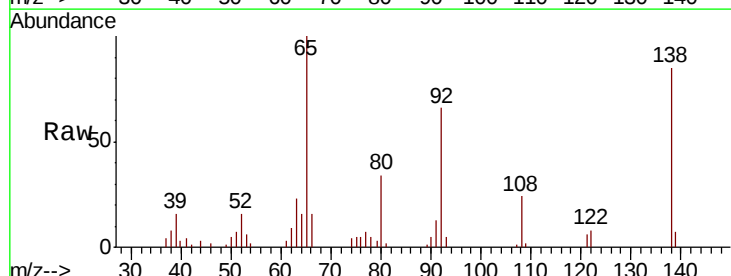
Manual Integrations
APPROVED

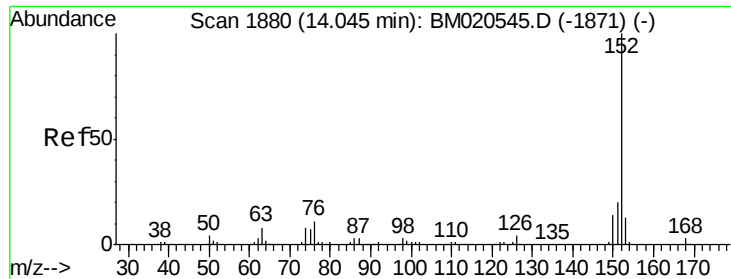
mohammad
5/27/2019 3:59:39 AM



#48
2-Nitroaniline
Concen: 14.603 ng
RT: 13.43 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.1	53.6	80.4	
138	84.9	72.0	108.0	





#49

Acenaphthylene

Concen: 18.563 ng

RT: 14.04 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

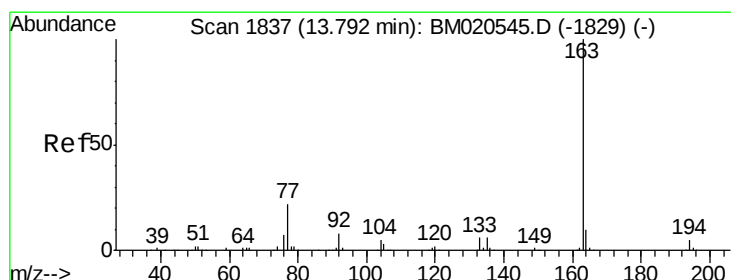
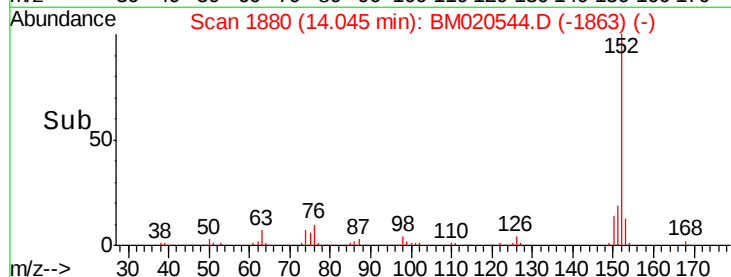
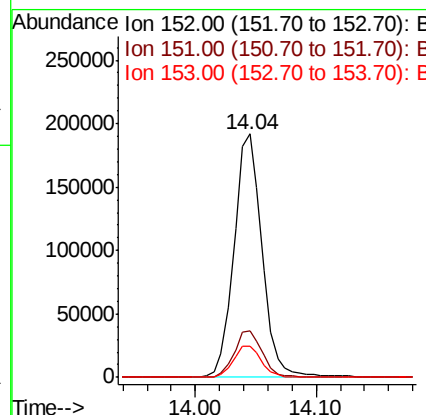
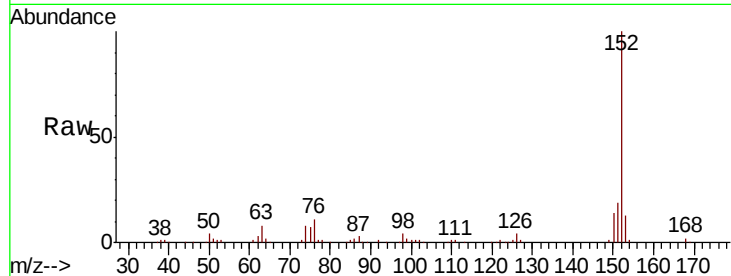
ClientSampleId :

SSTDICC020

Tot Ion:	152	Resp:	309801
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.7	23.5
153	12.7	10.2	15.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 20.631 ng

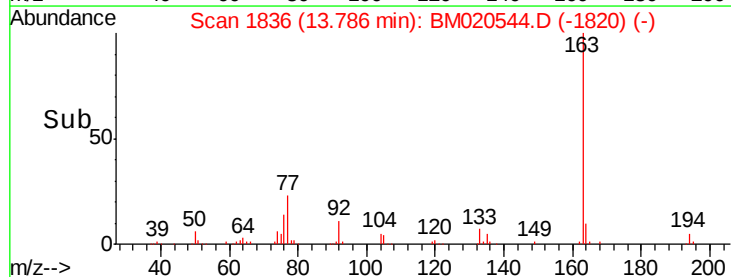
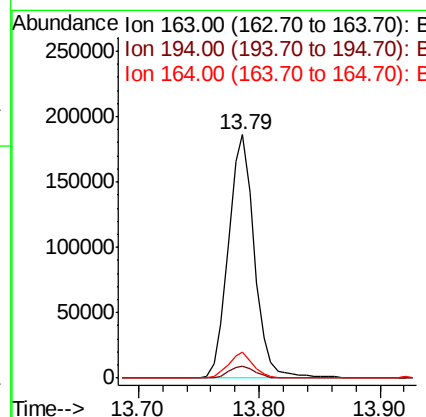
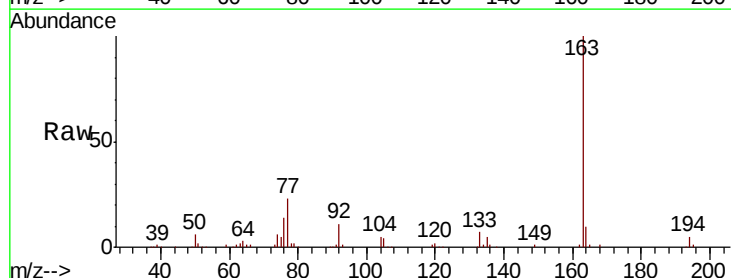
RT: 13.79 min Scan# 1836

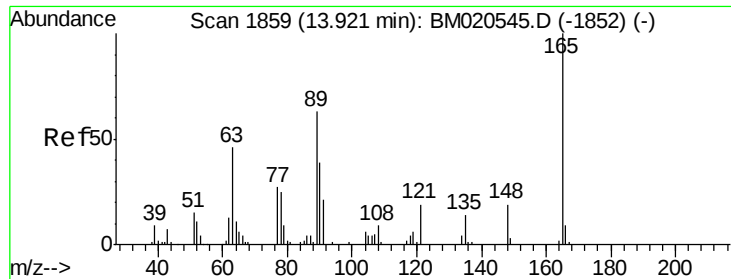
Delta R.T. -0.01 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Tgt Ion:	163	Resp:	278237
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.9	5.9
164	10.4	8.0	12.0





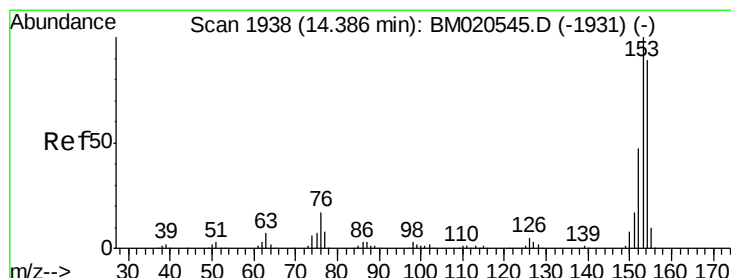
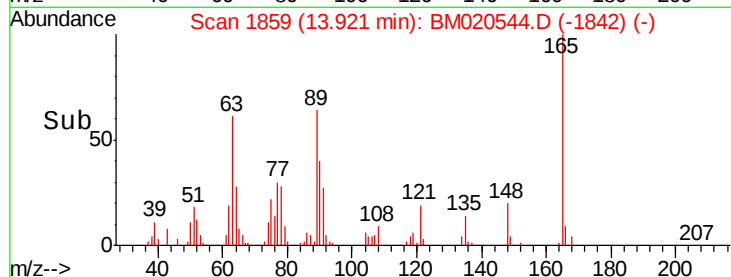
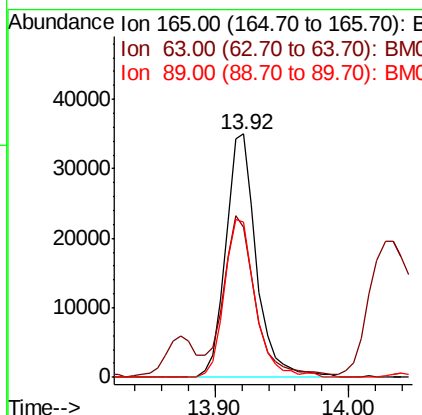
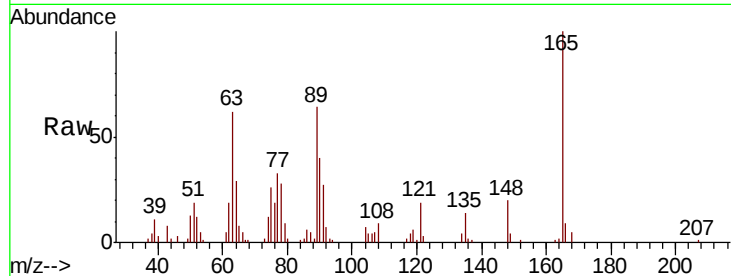
#51
2,6-Dinitrotoluene
Concen: 19.834 ng
RT: 13.92 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.8	49.6	74.4
89	63.9	50.8	76.2

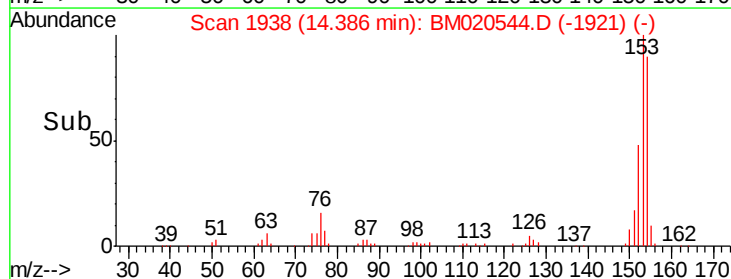
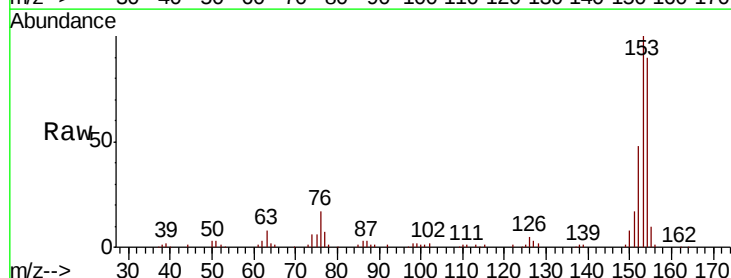
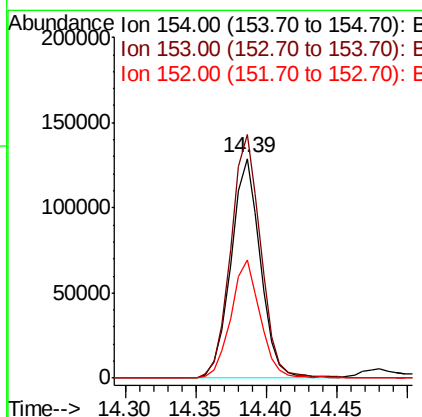
Manual Integrations
APPROVED

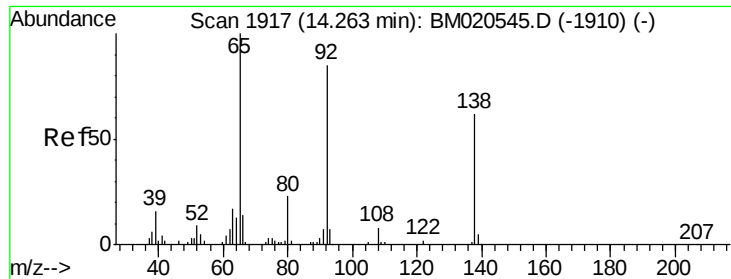
mohammad
5/27/2019 3:59:39 AM



#52
Acenaphthene
Concen: 19.572 ng
RT: 14.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.2	135.4
152	53.5	42.0	63.0





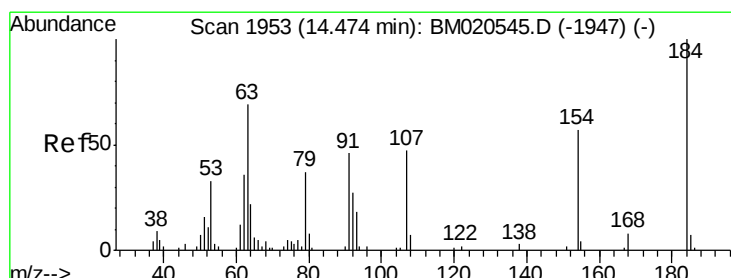
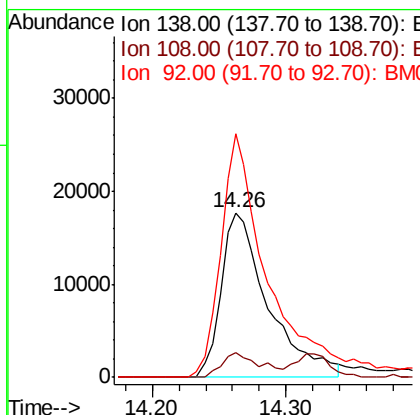
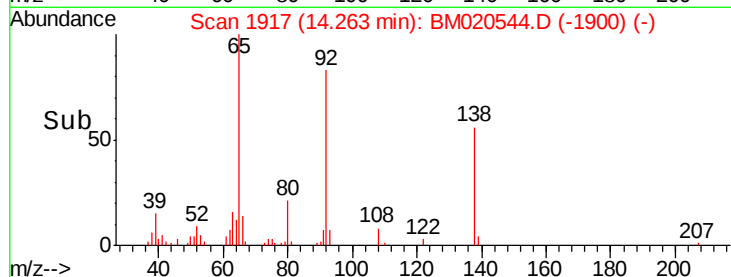
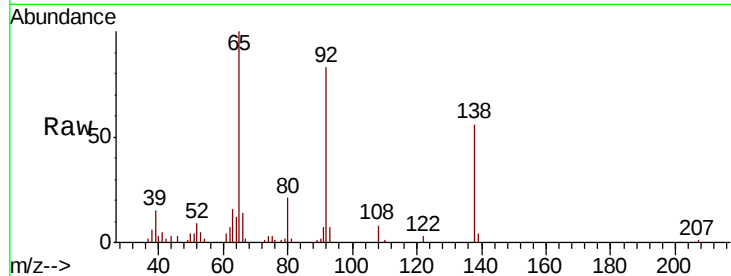
#53
3-Nitroaniline
Concen: 16.500 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.1	10.1	15.1
92	148.0	109.5	164.3

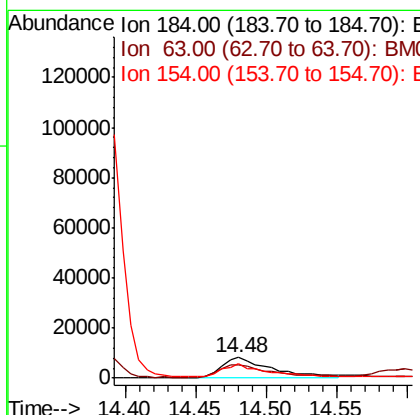
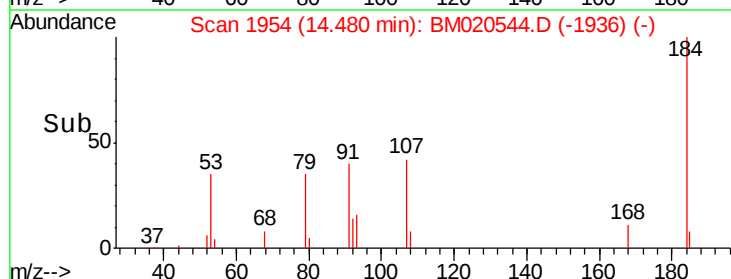
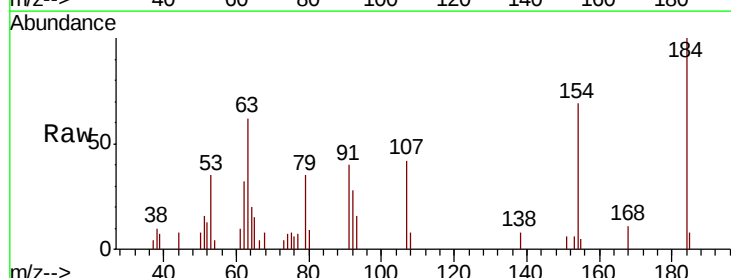
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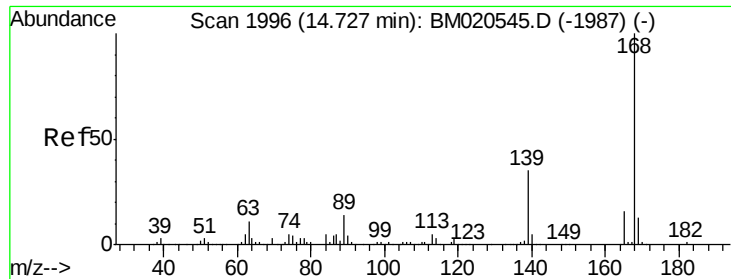
mohammad
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#54
2,4-Dinitrophenol
Concen: 17.103 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	56.3	84.5
154	68.7	49.0	73.6





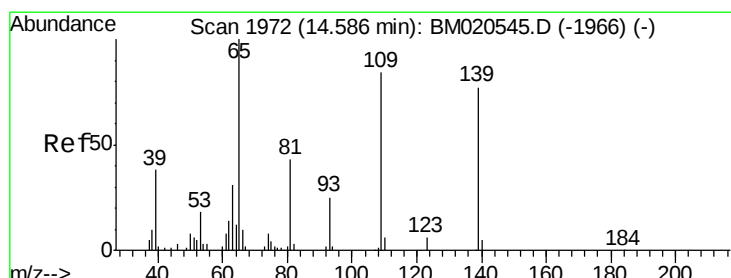
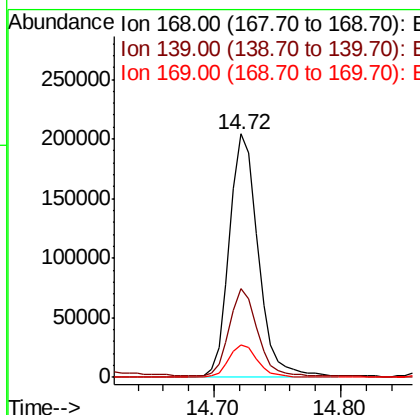
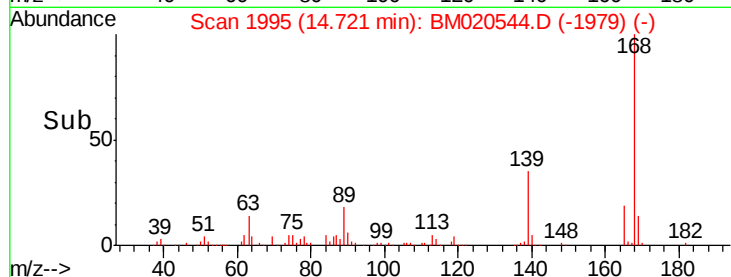
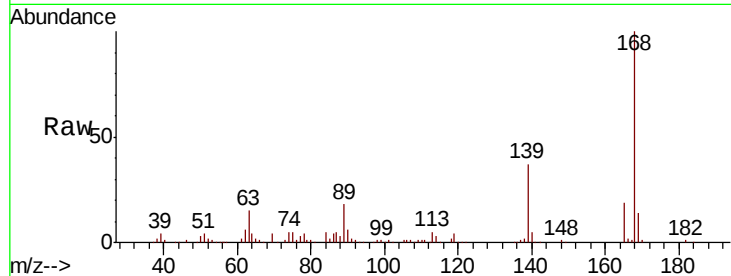
#55
Dibenzofuran
Concen: 19.955 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.2	42.4
169	13.6	10.6	16.0

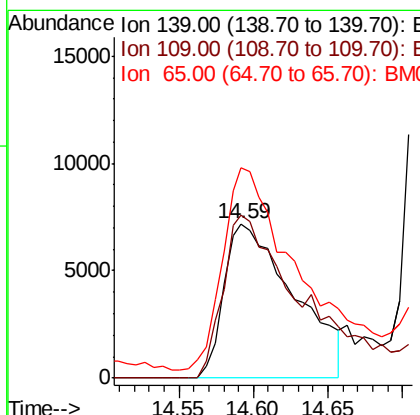
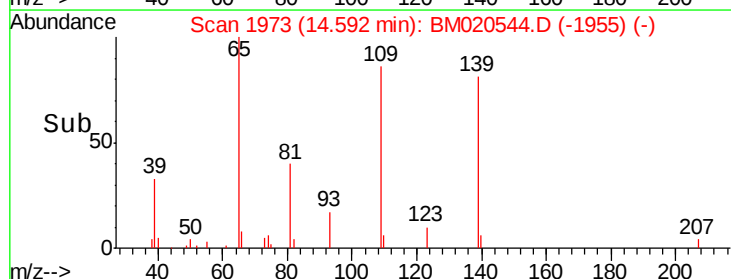
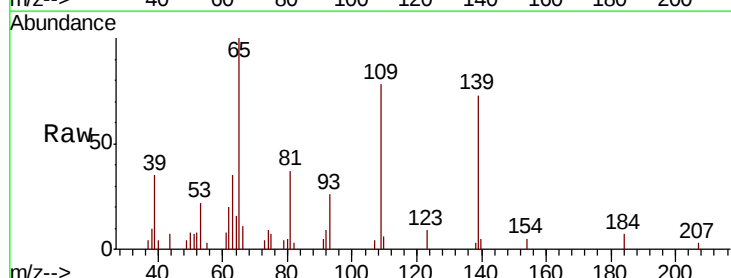
Manual Integrations
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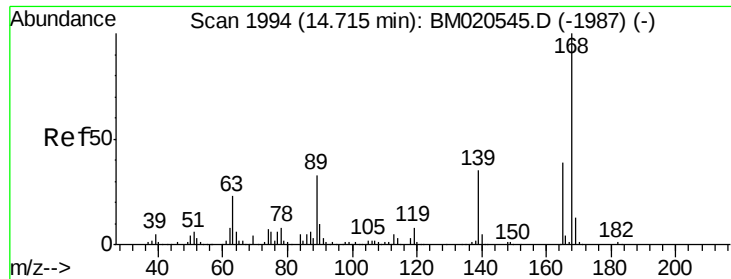
mohammad
5/27/2019 3:59:39 AM



#56
4-Nitrophenol
Concen: 10.439 ng
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.9	89.4	129.4
65	136.4	113.3	153.3





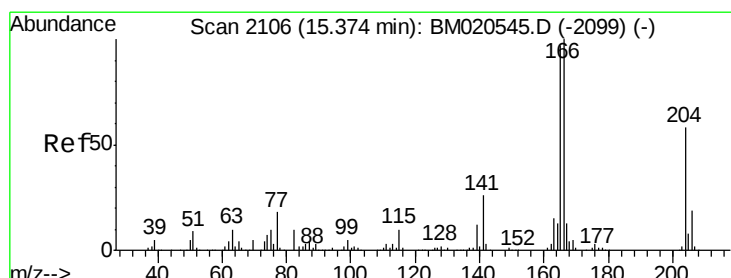
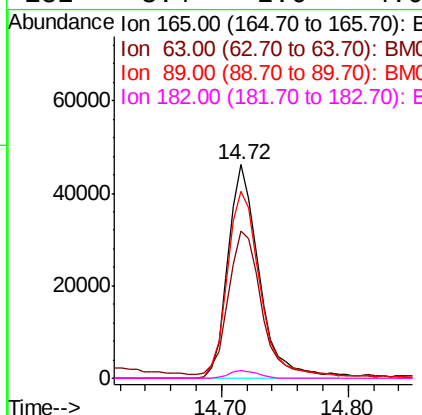
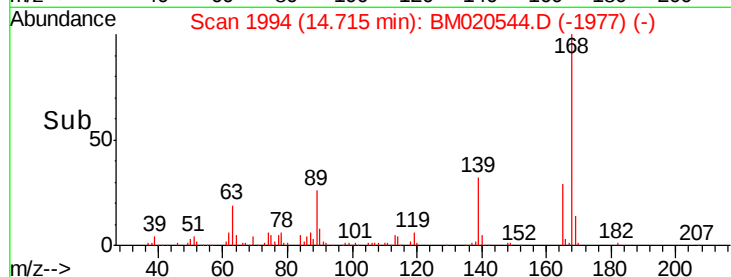
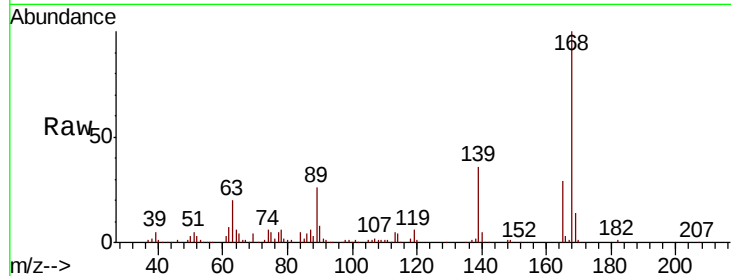
#57
2,4-Dinitrotoluene
Concen: 20.392 ng
RT: 14.72 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.2	48.7	73.1
89	87.6	68.8	103.2
182	3.4	2.6	4.0

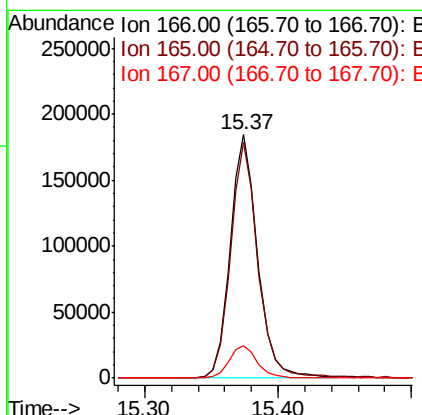
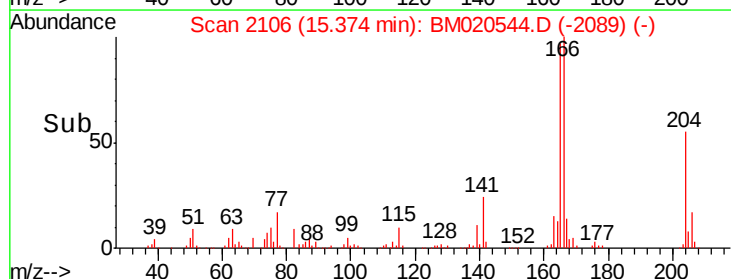
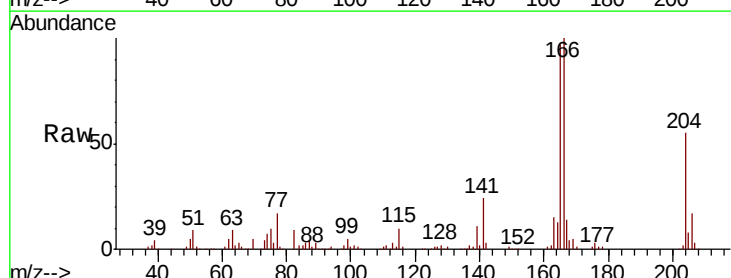
Manual Integrations
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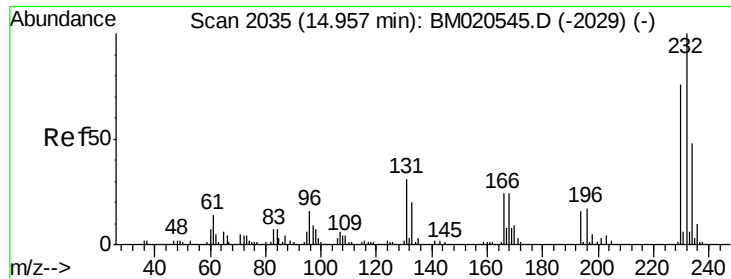
mohammad
5/27/2019 3:59:39 AM



#58
Fluorene
Concen: 19.955 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.4	116.0
167	13.5	10.6	16.0





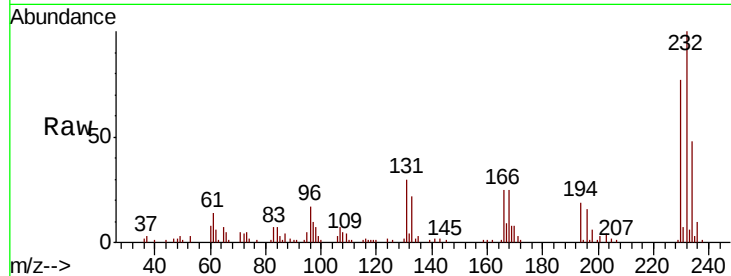
#59
2,3,4,6-Tetrachlorophenol
Concen: 23.112 ng
RT: 14.96 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.8	25.4	38.0
130	1.6	1.5	2.3
166	26.7	19.7	29.5

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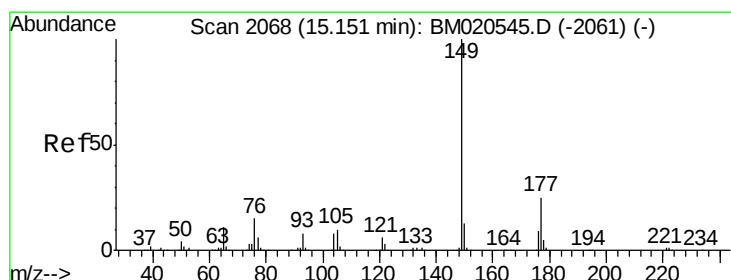
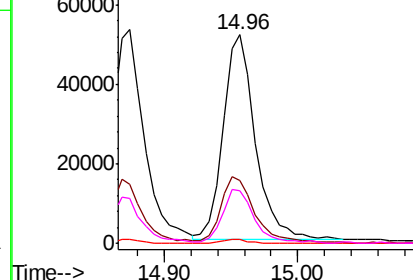
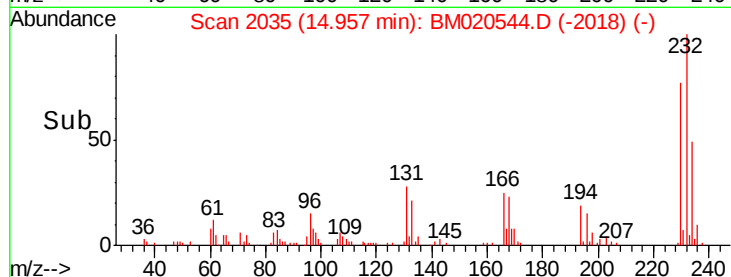
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

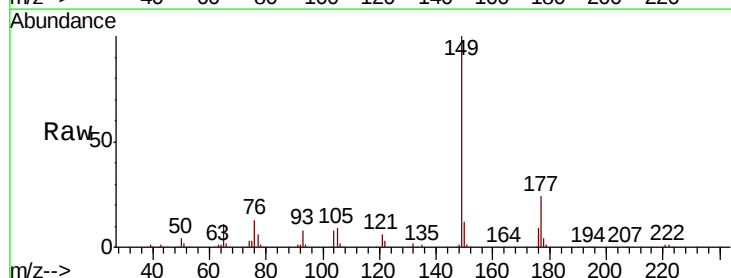
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 20.274 ng
RT: 15.15 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.8	29.8
150	11.9	10.2	15.2

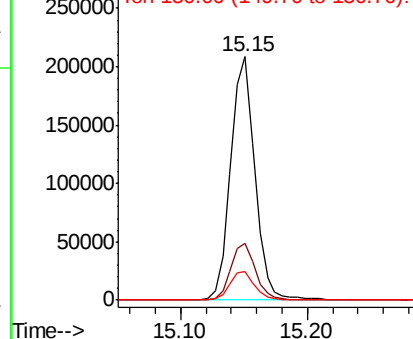
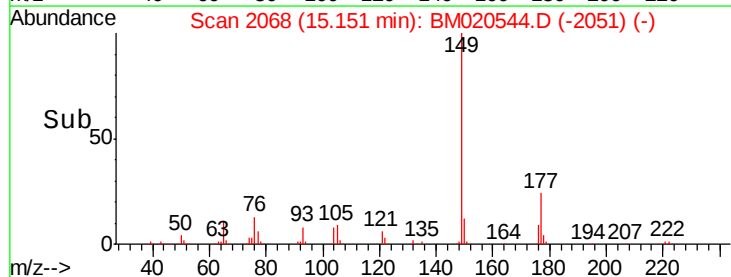


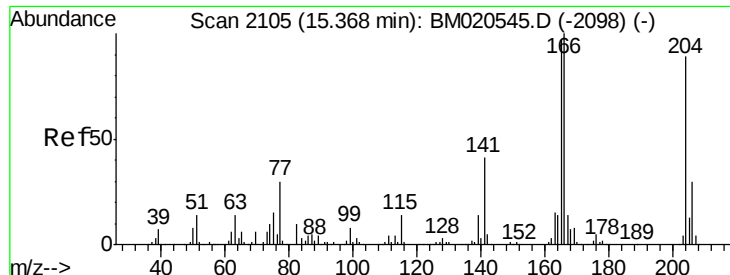
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





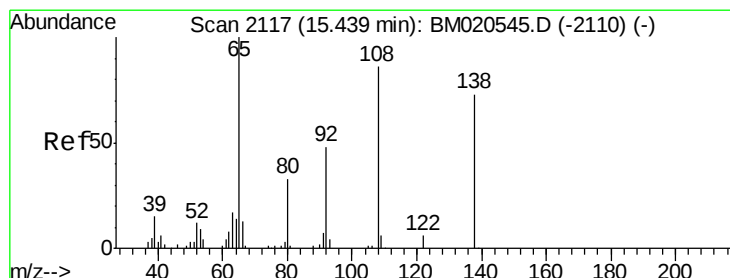
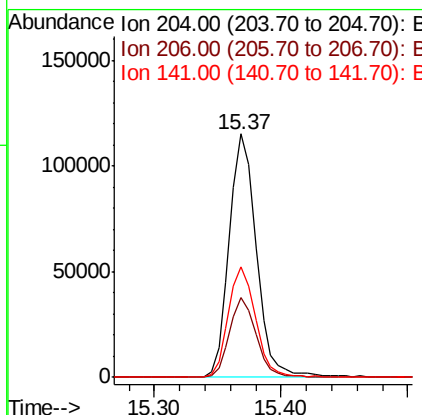
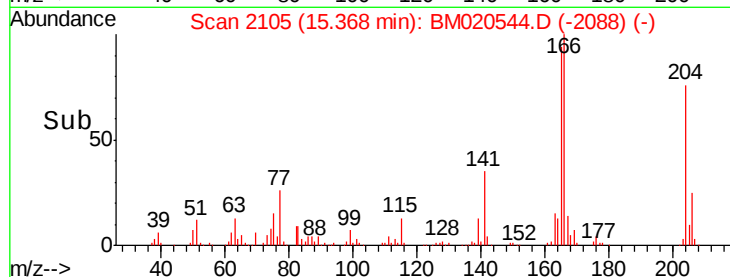
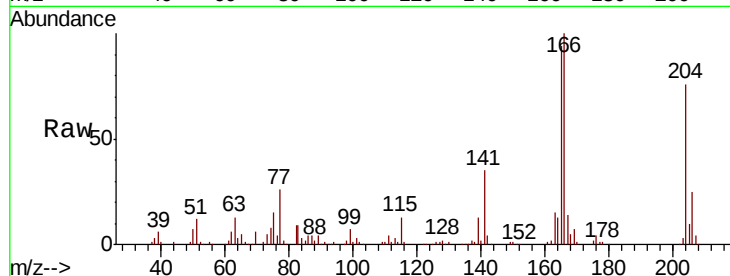
#61
 4-Chlorophenyl-phenylether
 Concen: 22.758 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion:	204	Resp:	170956
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	40.0
141	45.6	36.9	55.3

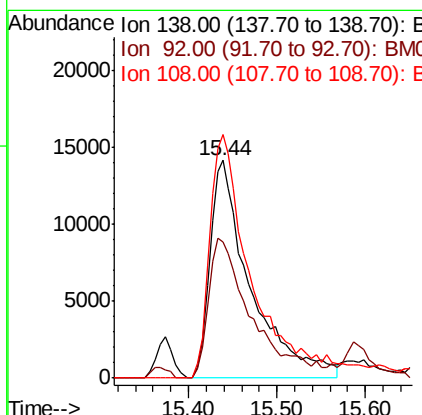
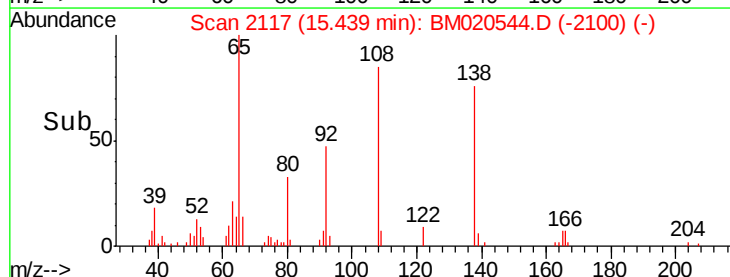
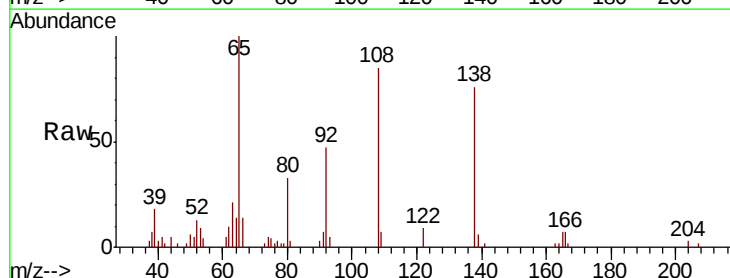
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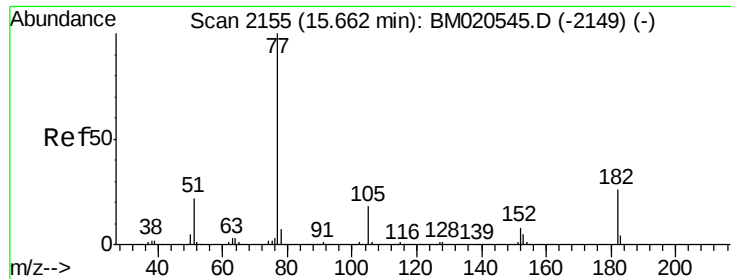
mohammad
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#62
 4-Nitroaniline
 Concen: 15.568 ng m
 RT: 15.44 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Tgt Ion:	138	Resp:	45295
Ion Ratio	Lower	Upper	
138	100		
92	62.4	44.5	84.5
108	111.8	95.9	135.9





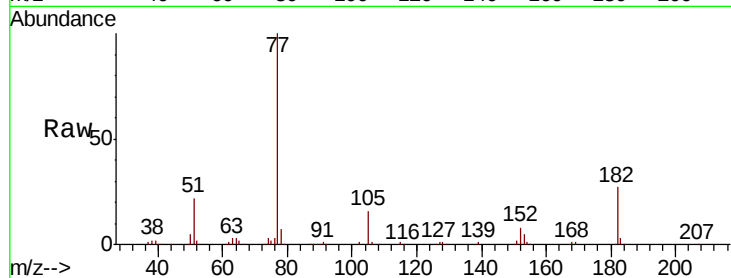
#63
Azobenzene
Concen: 16.643 ng
RT: 15.66 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	5.7	45.7
105	16.1	0.0	37.6
51	21.7	1.7	41.7

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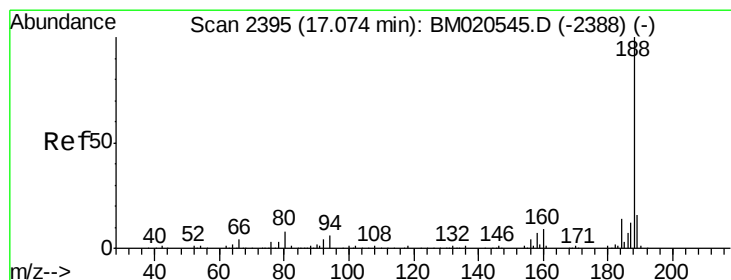
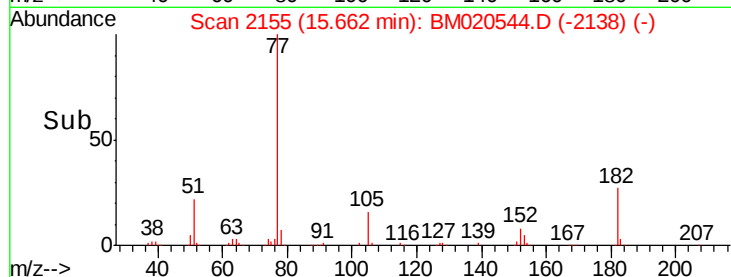
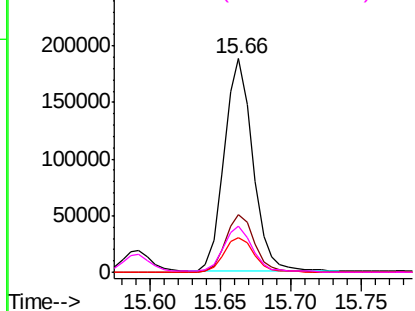


Abundance Ion 77.00 (76.70 to 77.70): BM020544.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM020544.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM020544.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM020544.D (-2138) (-)



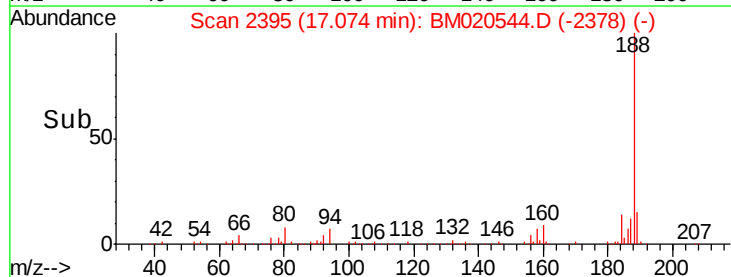
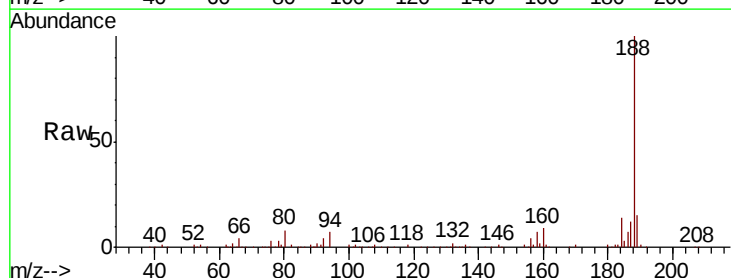
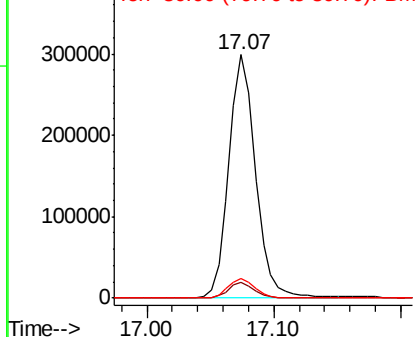
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

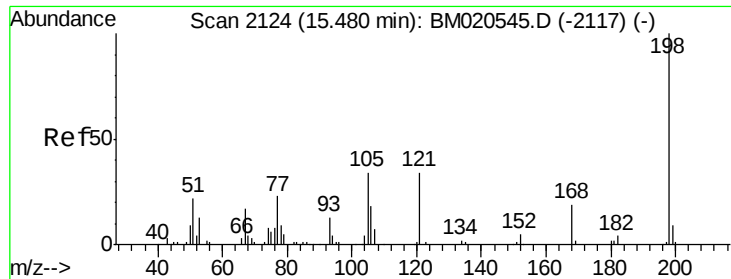
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.0	7.4
80	7.9	6.5	9.7

Abundance Ion 188.00 (187.70 to 188.70): BM020544.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM020544.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM020544.D (-2378) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 21.113 ng

RT: 15.48 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion:198 Resp: 43405

Ion Ratio Lower Upper

198 100

51 28.3 6.4 46.4

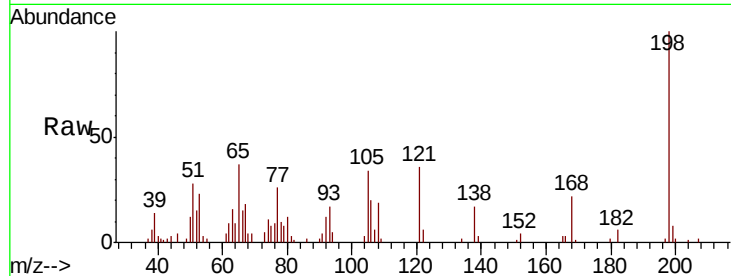
105 34.3 15.1 55.1

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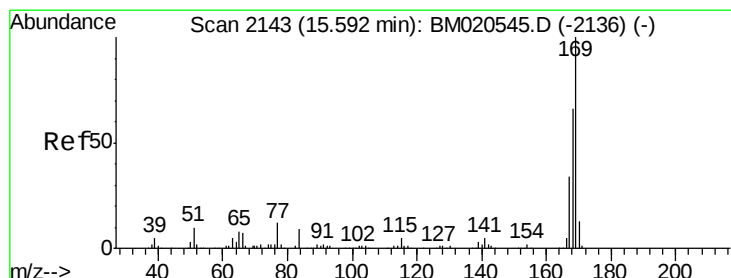
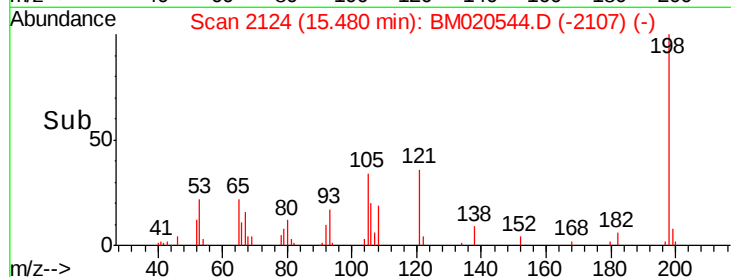
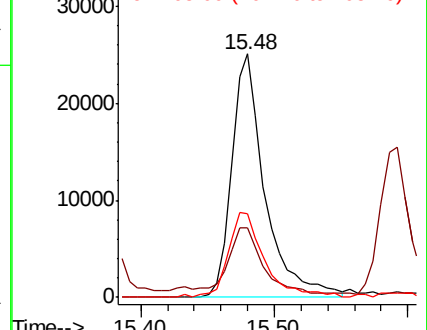
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 18.086 ng

RT: 15.59 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

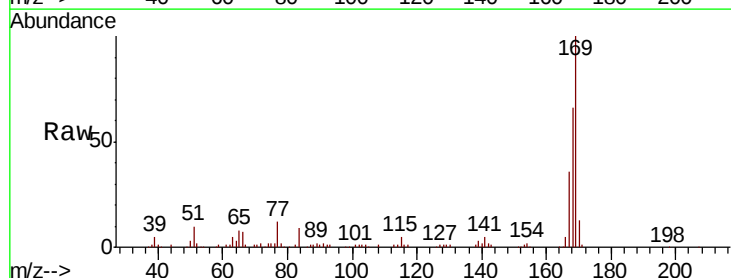
Tgt Ion:169 Resp: 233157

Ion Ratio Lower Upper

169 100

168 65.6 52.5 78.7

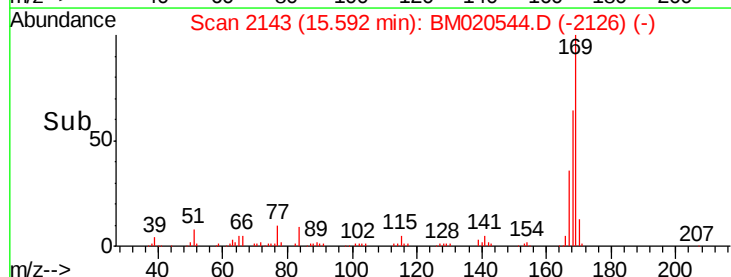
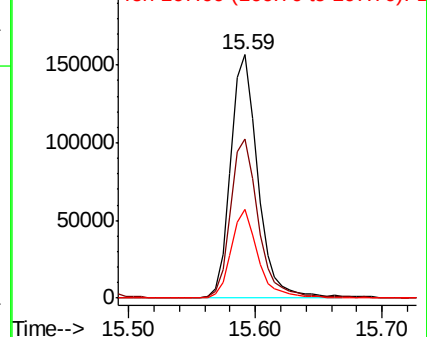
167 36.4 27.5 41.3

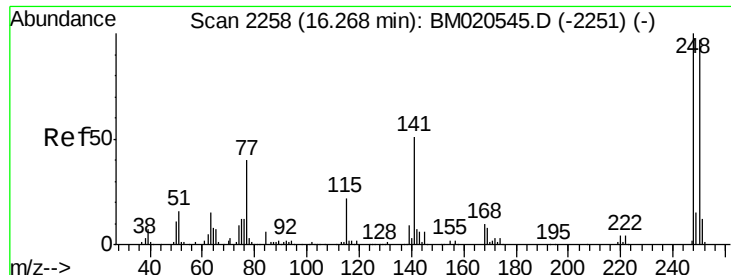


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





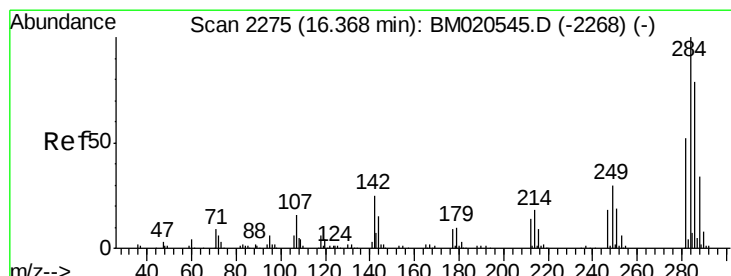
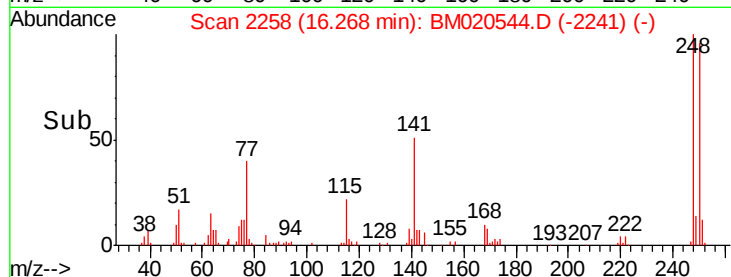
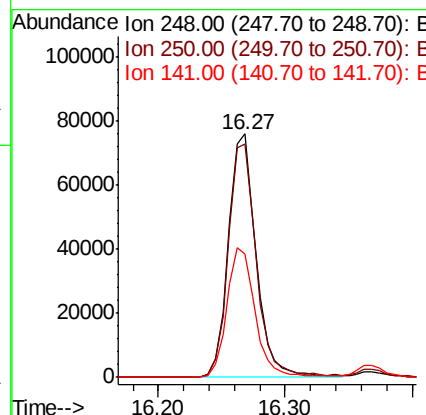
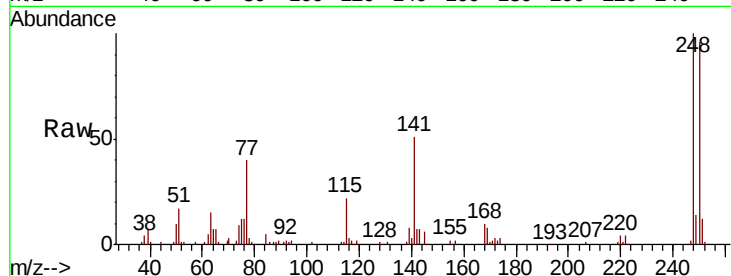
#67
 4-Bromophenyl-phenylether
 Concen: 21.389 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.8	116.6
141	50.5	41.0	61.6

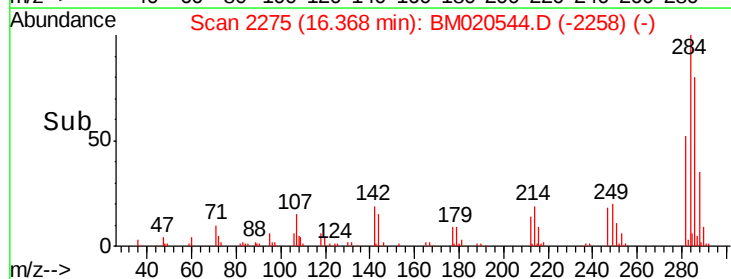
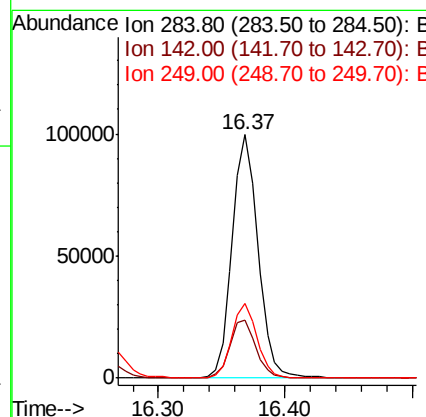
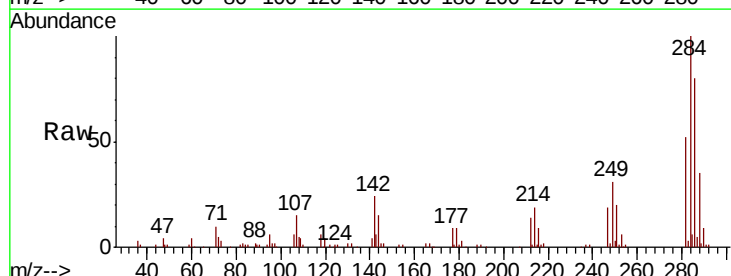
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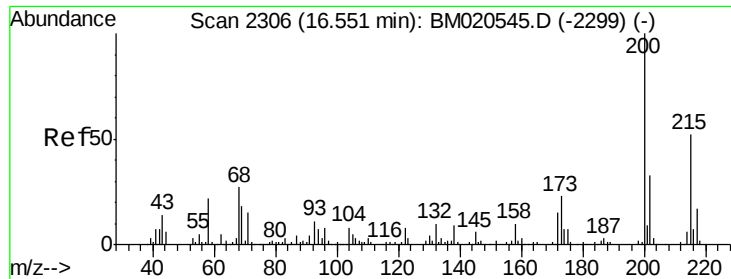
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 5/27/2019 3:59:39 AM



#68
 Hexachlorobenzene
 Concen: 22.749 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.0	20.2	30.2
249	30.8	23.9	35.9





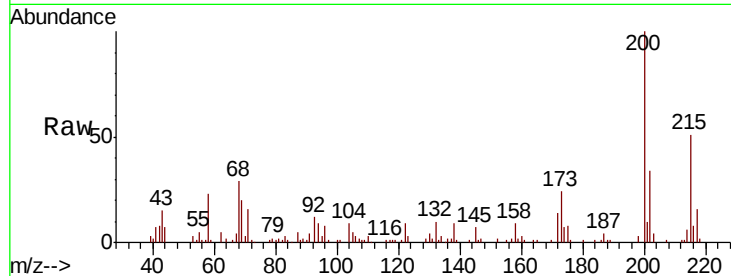
#69
Atrazine
Concen: 20.024 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

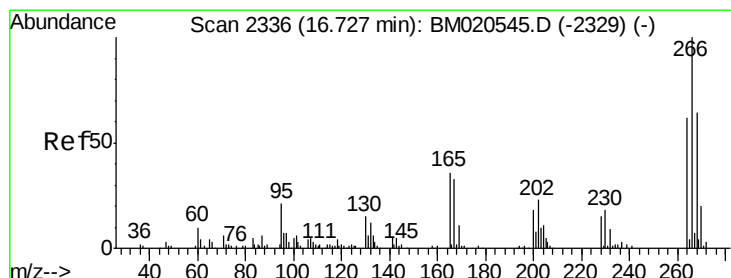
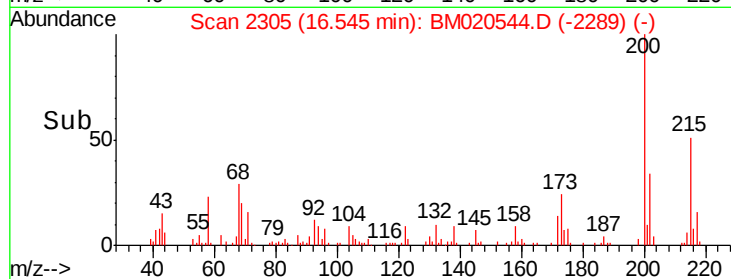
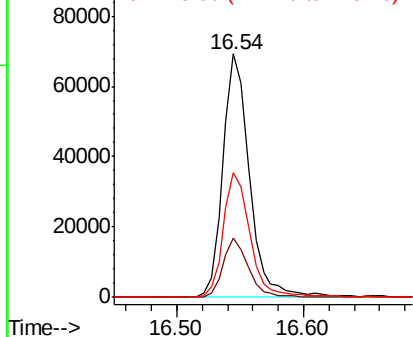
Tot Ion	Ratio	Resp	Lower	Upper
200	100	100878		
173	24.3		3.2	43.2
215	51.0		31.7	71.7

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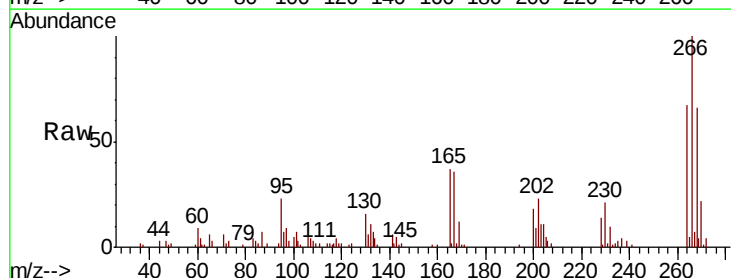


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

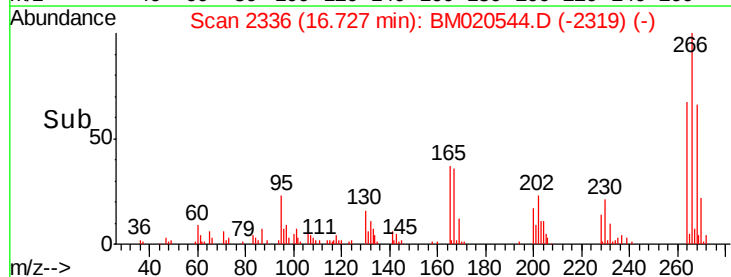
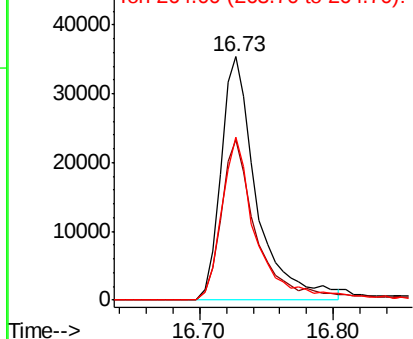


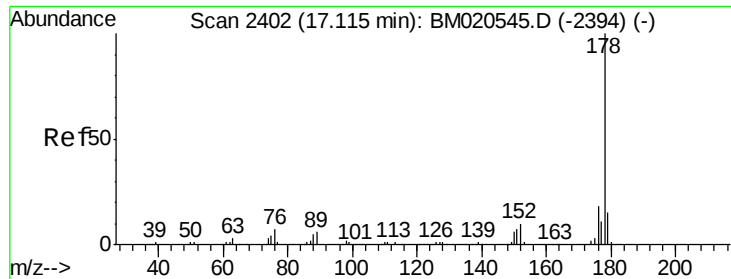
#70
Pentachlorophenol
Concen: 18.789 ng
RT: 16.73 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	66457		
268	66.1		51.0	76.4
264	66.7		49.8	74.8



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





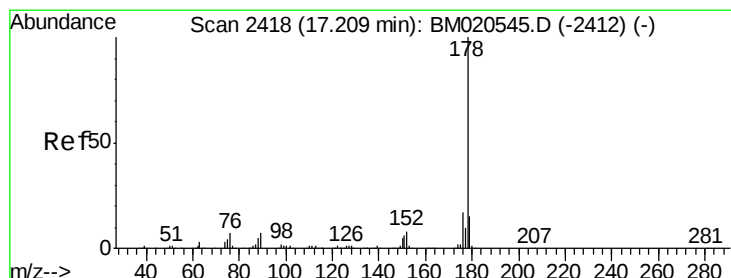
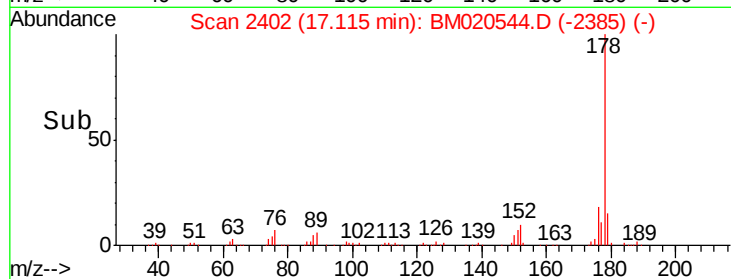
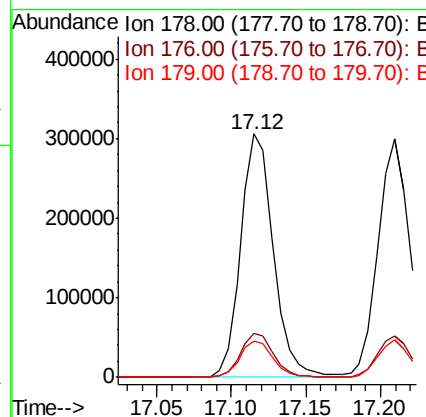
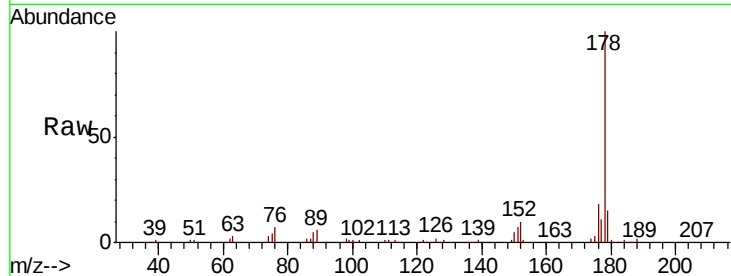
#71
Phenanthrene
Concen: 19.311 ng
RT: 17.12 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.0	12.2	18.2

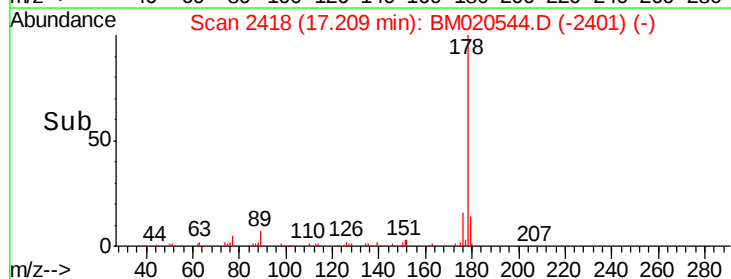
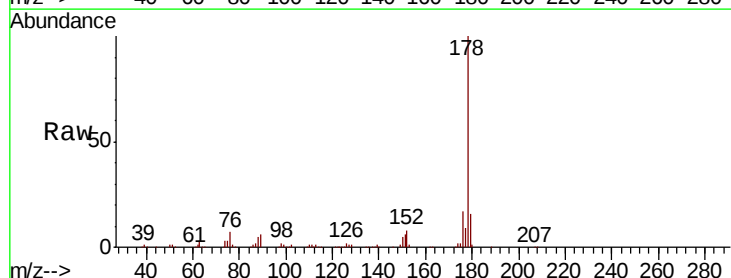
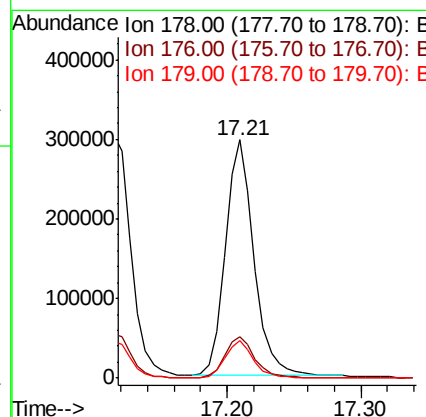
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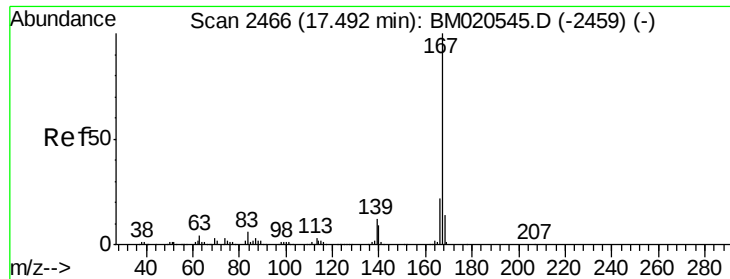
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#72
Anthracene
Concen: 18.313 ng
RT: 17.21 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.0	21.0
179	15.5	12.4	18.6





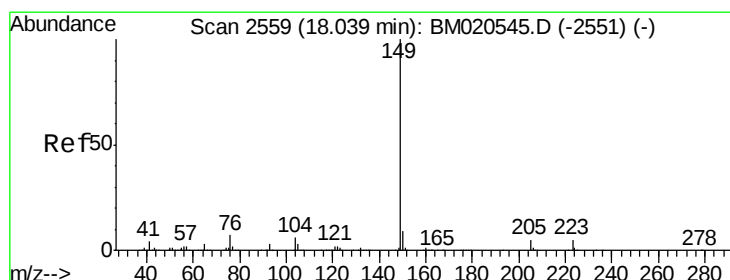
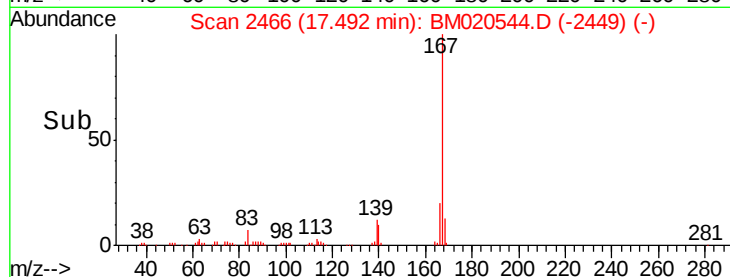
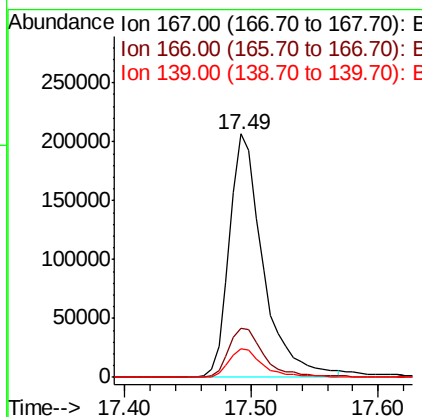
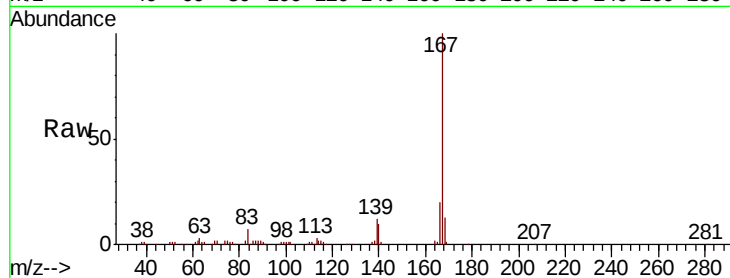
#73
 Carbazole
 Concen: 17.480 ng
 RT: 17.49 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.4	26.0
139	11.6	9.3	13.9

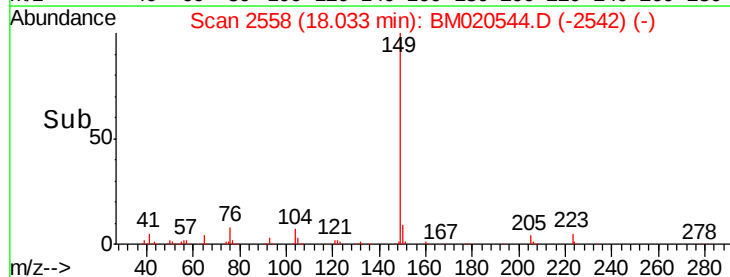
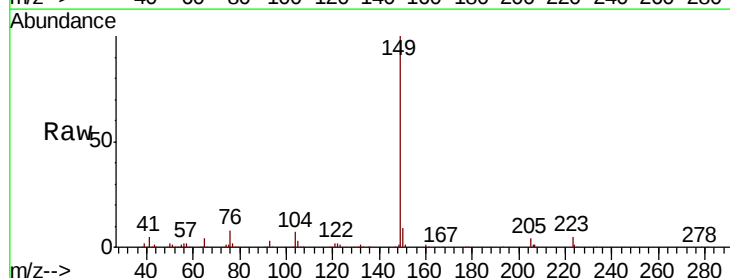
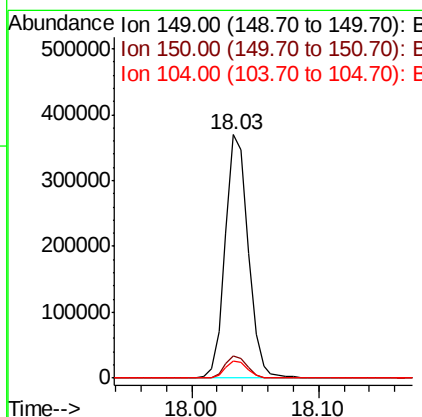
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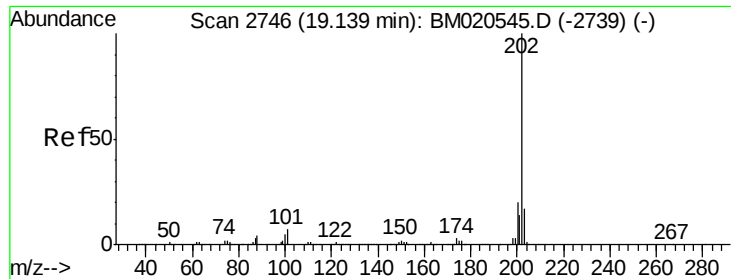
mohammad
 5/27/2019 3:59:39 AM



#74
 Di-n-butylphthalate
 Concen: 17.725 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 20.891 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

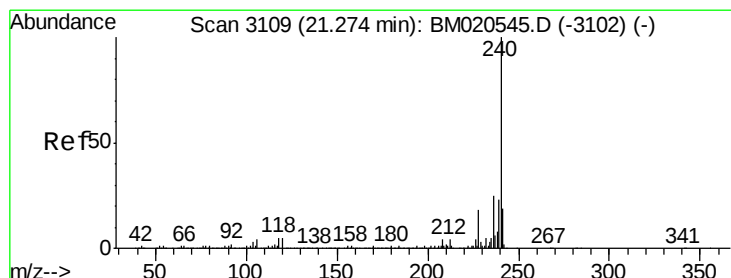
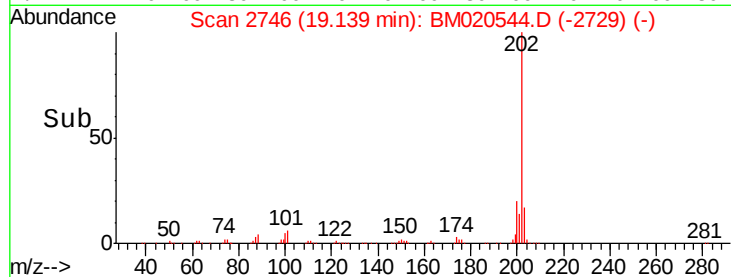
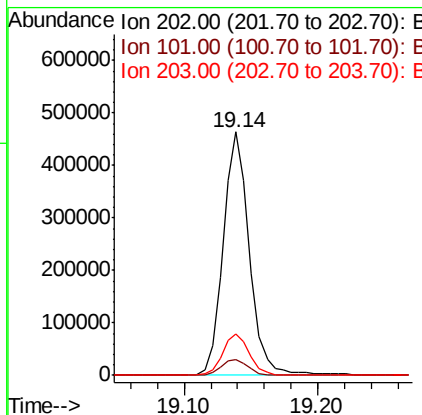
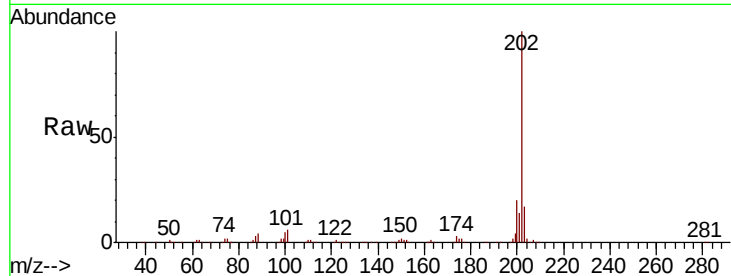
ClientSampleId :

SSTDIC020

Tot Ion:	202	Resp:	639214
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	26.7
203	17.1	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

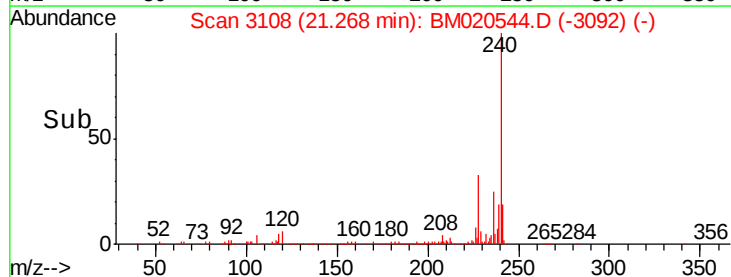
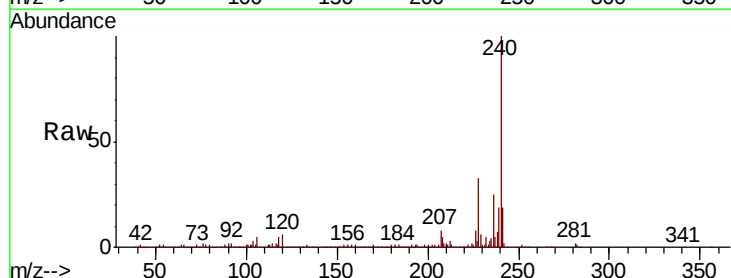
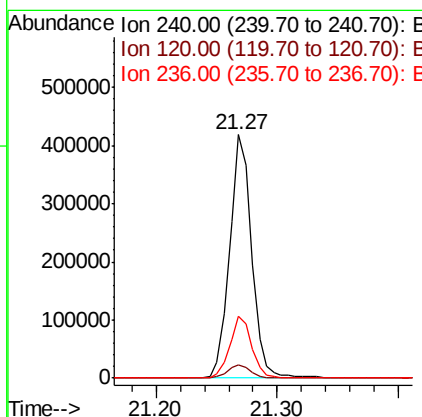
RT: 21.27 min Scan# 3108

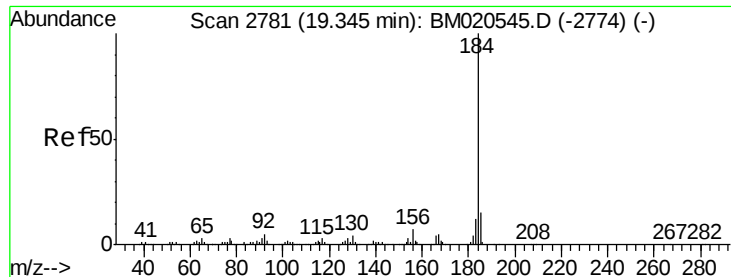
Delta R.T. -0.01 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Tgt Ion:	240	Resp:	534169
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.1	6.1
236	25.2	20.2	30.4





#77

Benzidine

Concen: 11.500 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

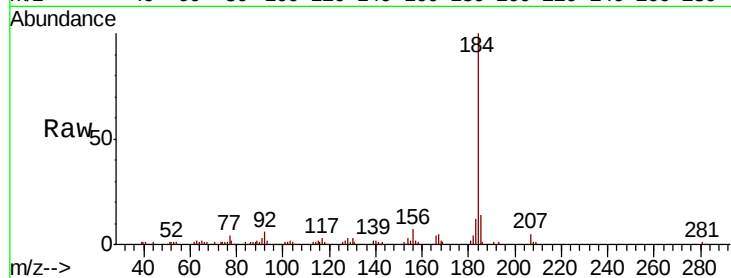
ClientSampleId :

SSTDIC020

Tot Ion:	184	Resp:	196394
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.8	17.8
183	11.5	9.7	14.5

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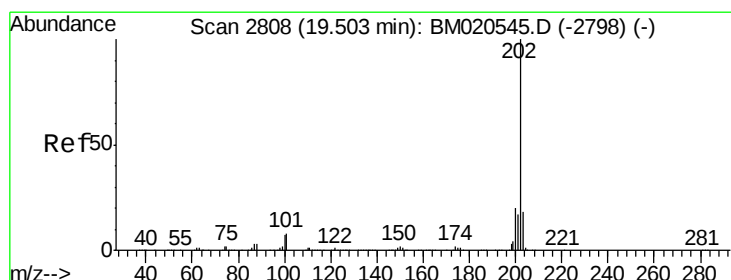
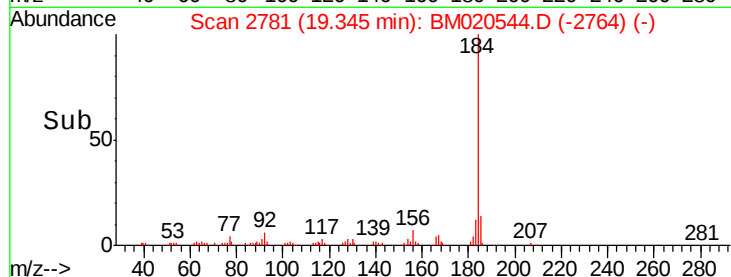
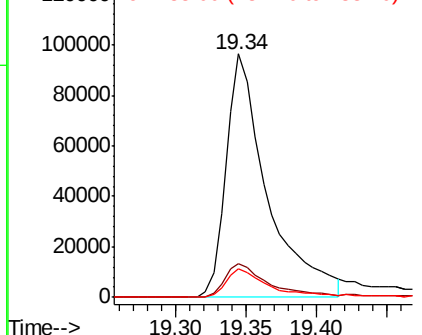


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 18.439 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

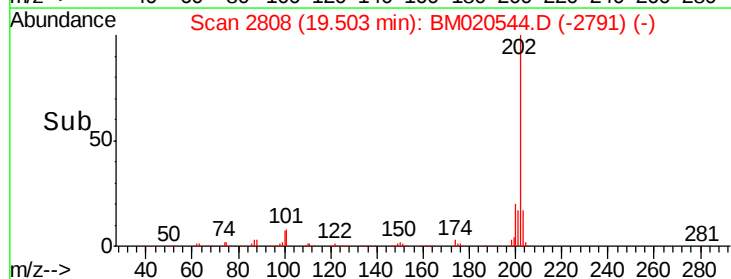
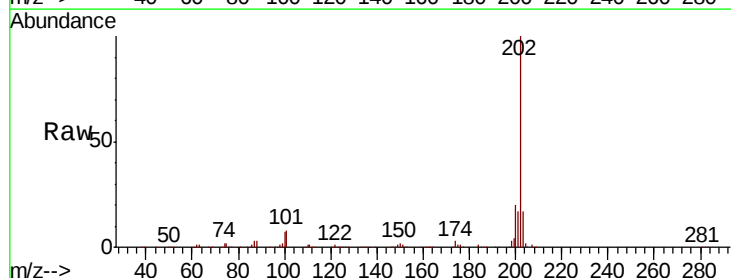
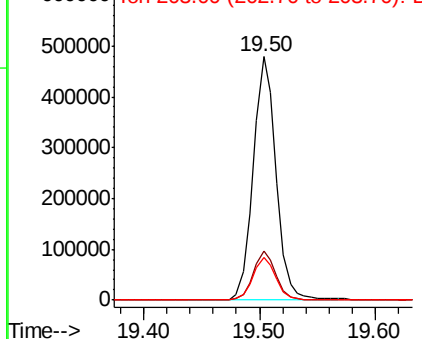
Tgt Ion:	202	Resp:	661274
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.0	24.0
203	17.3	14.1	21.1

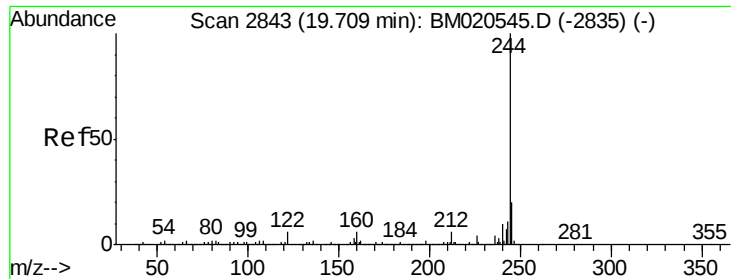
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





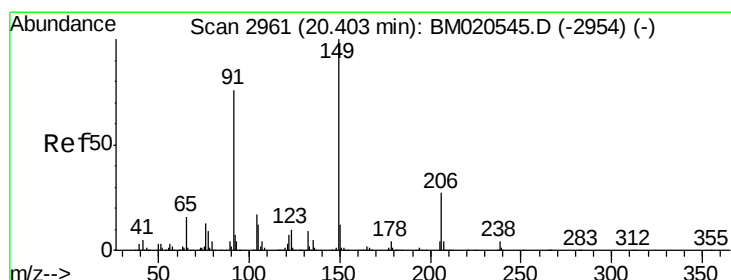
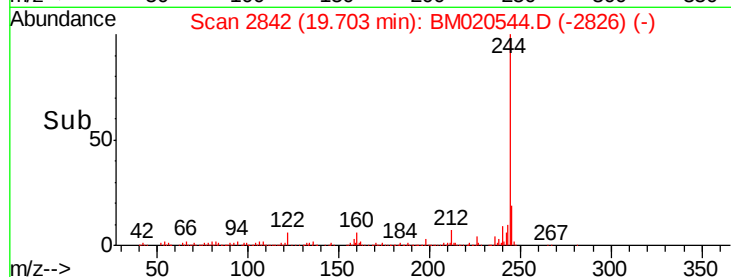
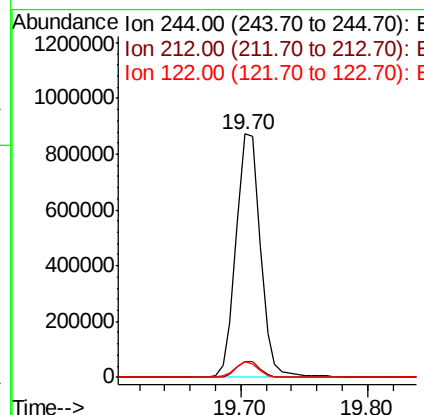
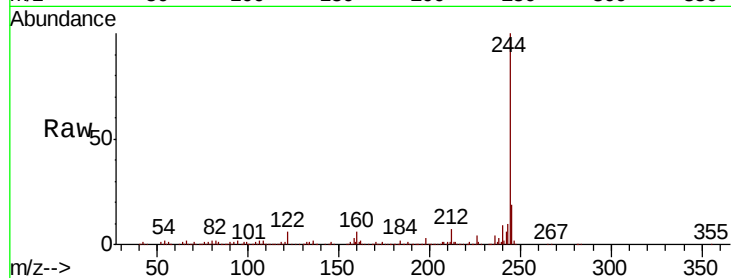
#79
 Terphenyl-d14
 Concen: 37.850 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.6
122	6.4	4.6	7.0

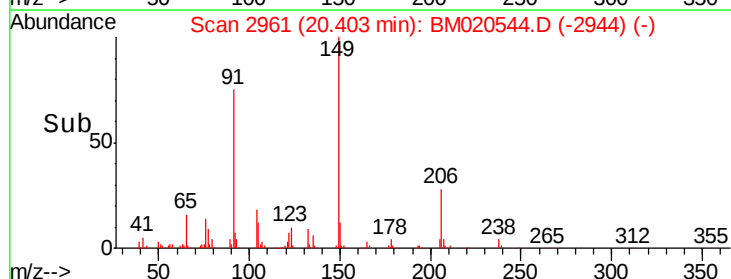
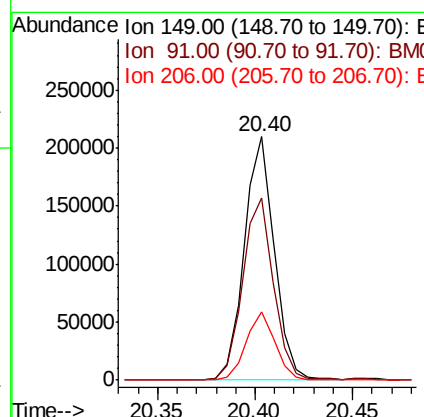
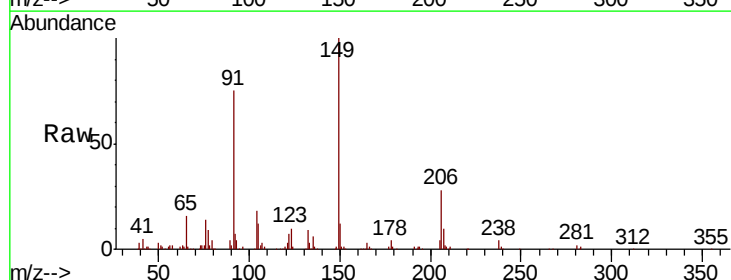
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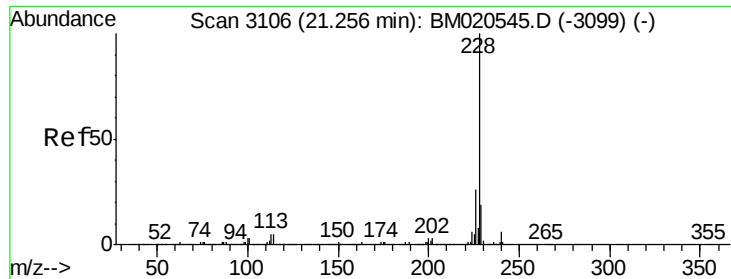
mohammad
 5/27/2019 3:59:39 AM



#80
 Butylbenzylphthalate
 Concen: 17.134 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. 0.00 min
 Lab File: BM020544.D
 Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.7	60.9	91.3
206	27.9	21.6	32.4





#81

Benzo(a)anthracene

Concen: 19.251 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

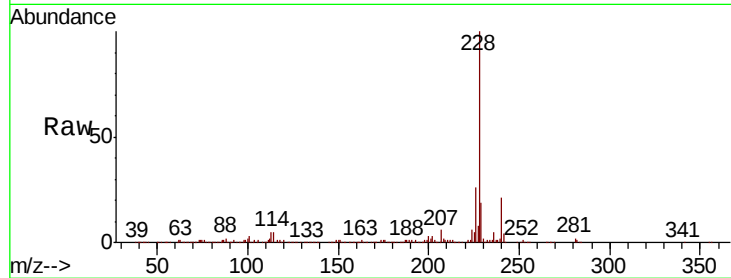
ClientSampleId :

SSTDICC020

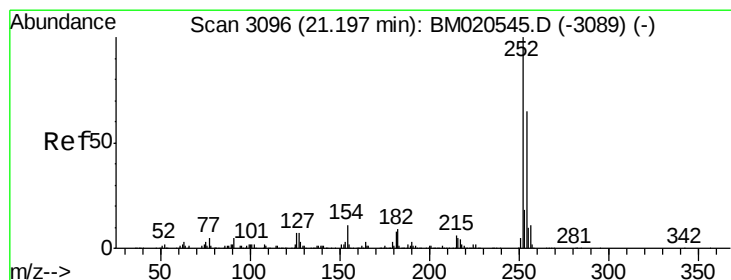
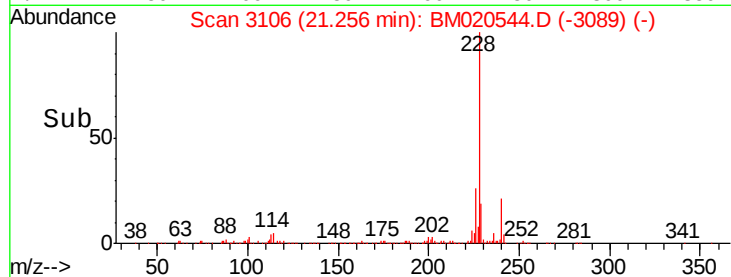
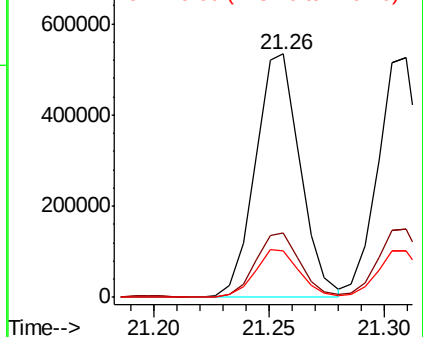
Tot Ion:	228	Resp:	721177
Ion Ratio	Lower	Upper	
228	100		
226	26.3	20.7	31.1
229	19.1	15.5	23.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.855 ng

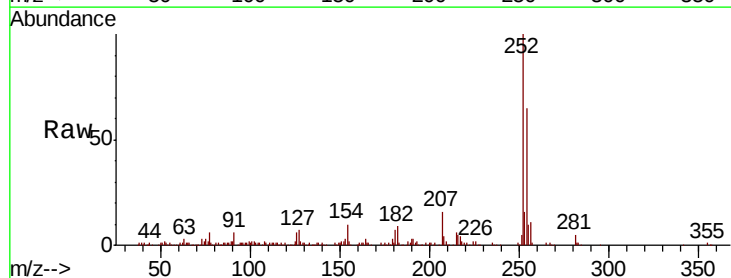
RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

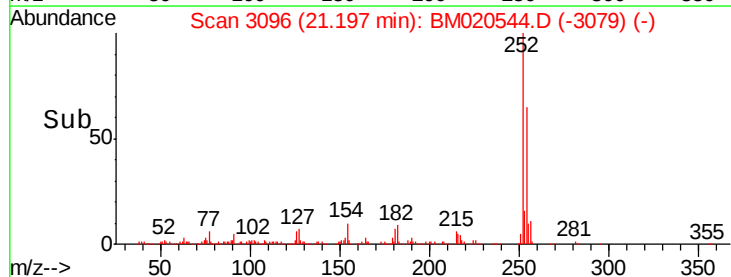
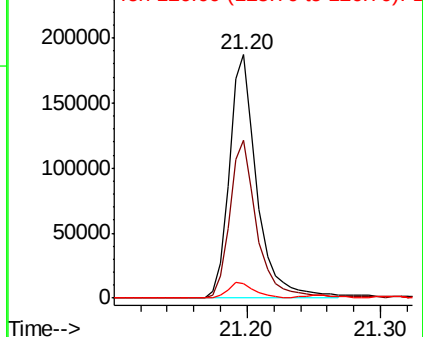
Lab File: BM020544.D

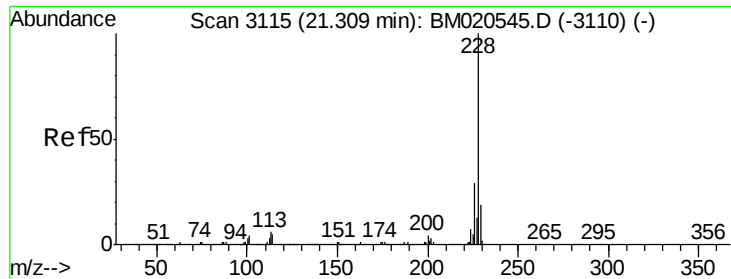
Acq: 24 May 2019 12:11

Tgt Ion:	252	Resp:	269585
Ion Ratio	Lower	Upper	
252	100		
254	64.7	51.8	77.6
126	5.9	5.2	7.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 19.439 ng

RT: 21.31 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

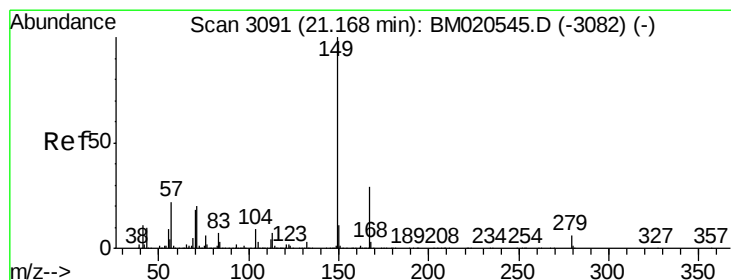
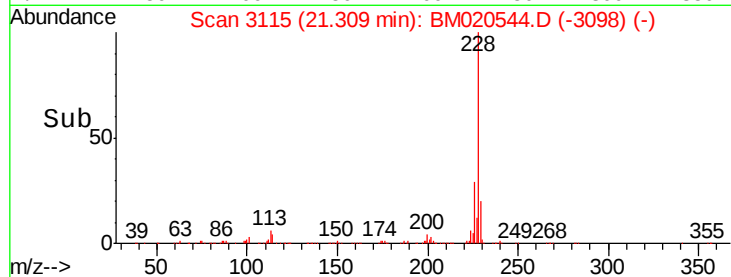
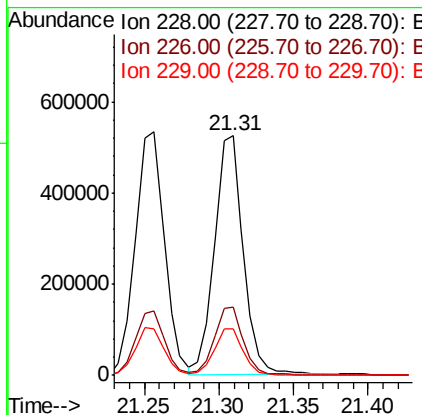
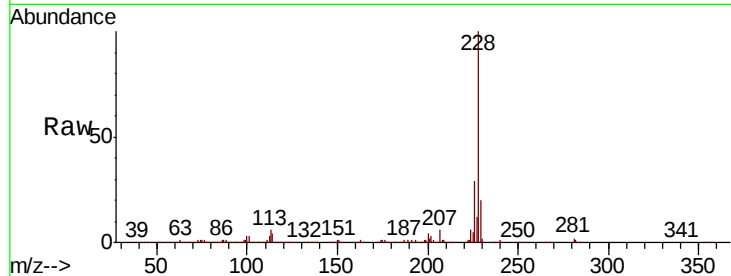
ClientSampleId :

SSTDIC020

Tot Ion:	228	Resp:	706237
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.9	34.3
229	19.7	15.4	23.2

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 16.558 ng

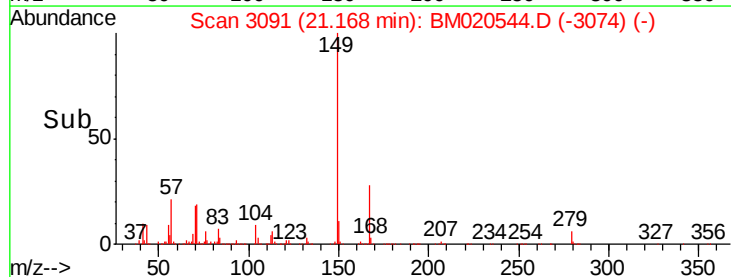
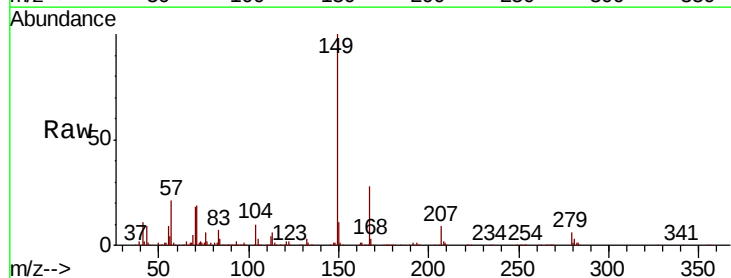
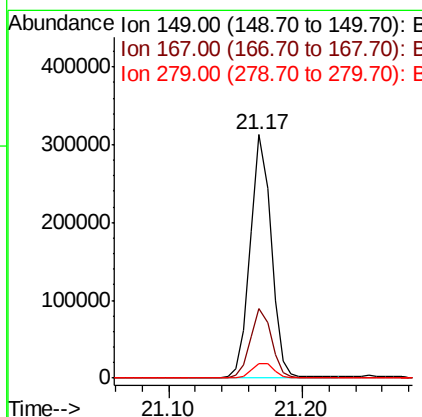
RT: 21.17 min Scan# 3091

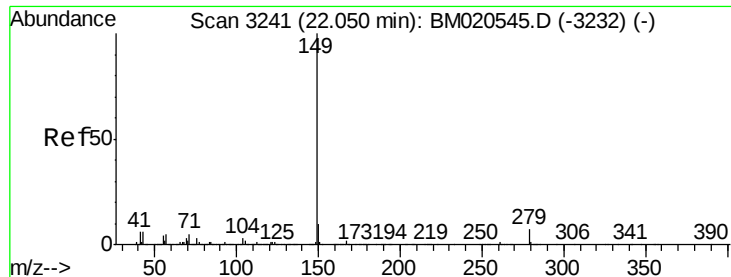
Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Tgt Ion:	149	Resp:	335088
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.9	34.3
279	6.1	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 17.215 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

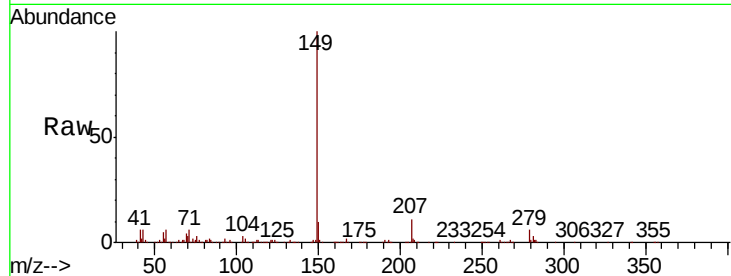
ClientSampleId :

SSTDIC020

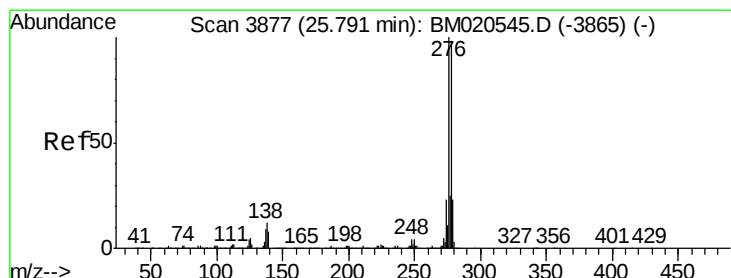
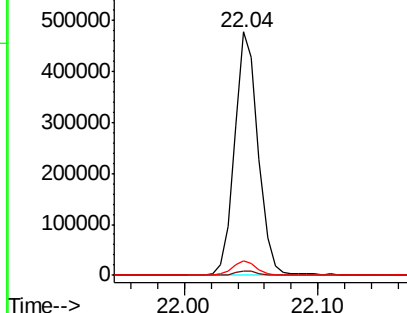
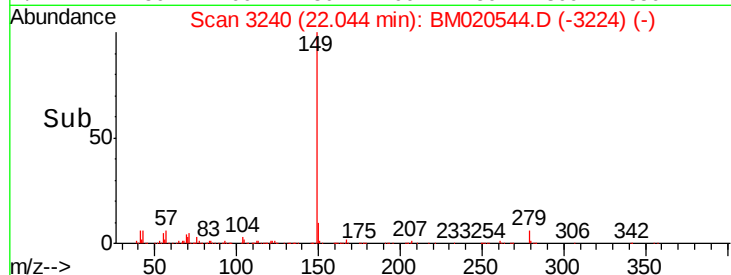
Tot Ion:	149	Resp:	579027
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	6.0	4.8	7.2

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 20.290 ng

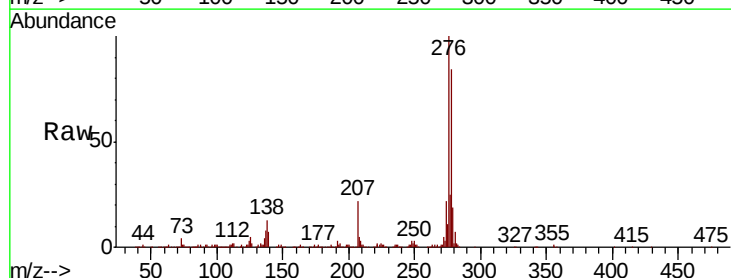
RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

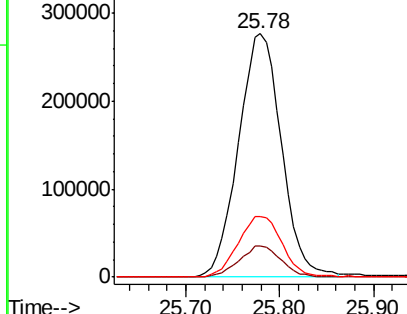
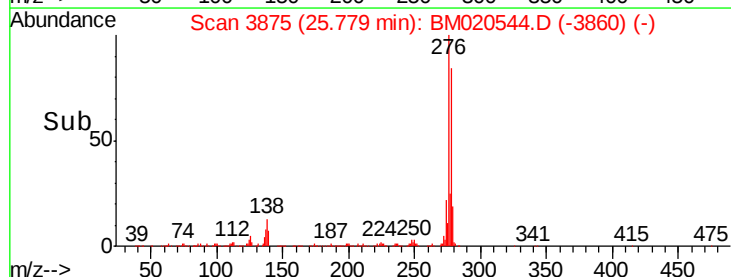
Lab File: BM020544.D

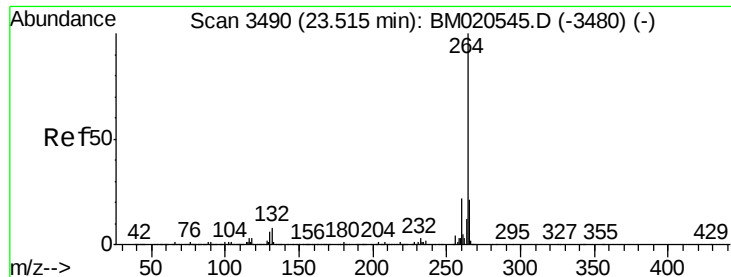
Acq: 24 May 2019 12:11

Tgt Ion:	276	Resp:	876818
Ion Ratio	Lower	Upper	
276	100		
138	12.5	9.7	14.5
277	25.5	20.4	30.6



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





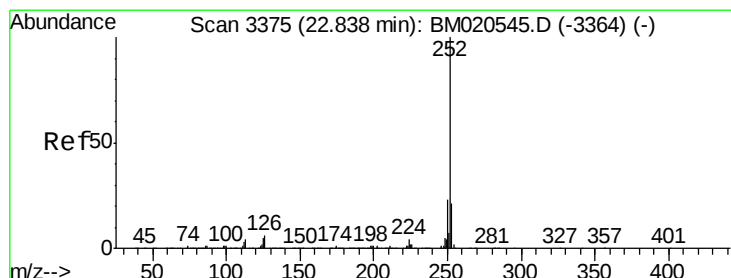
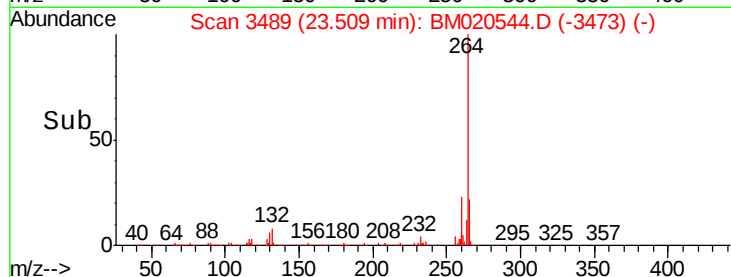
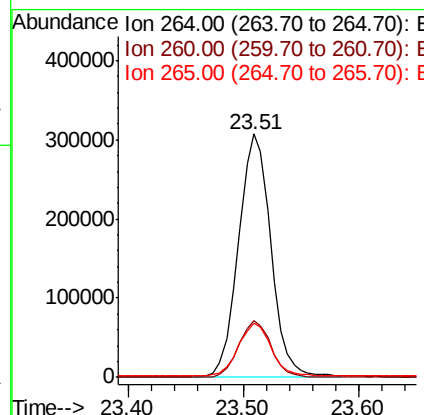
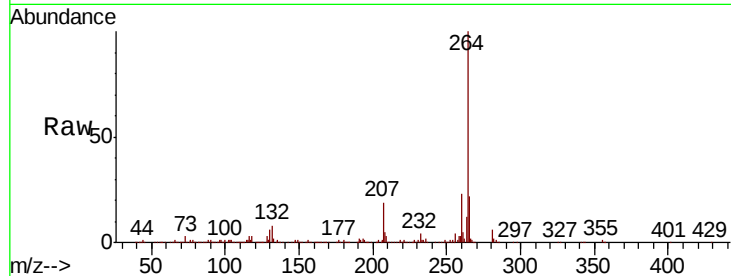
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.7	26.5
265	22.4	17.4	26.2

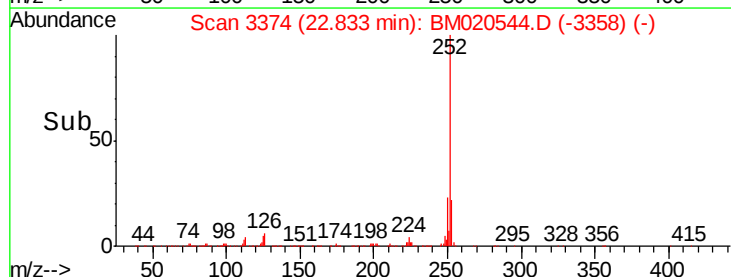
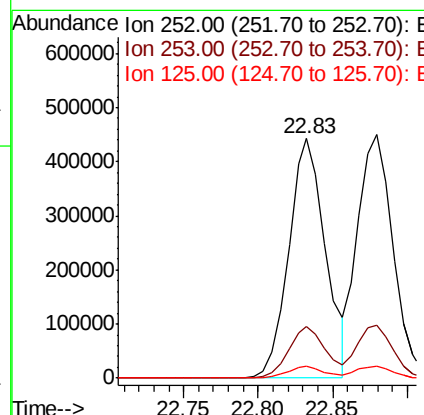
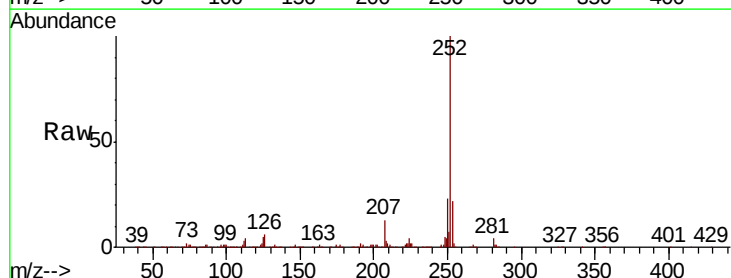
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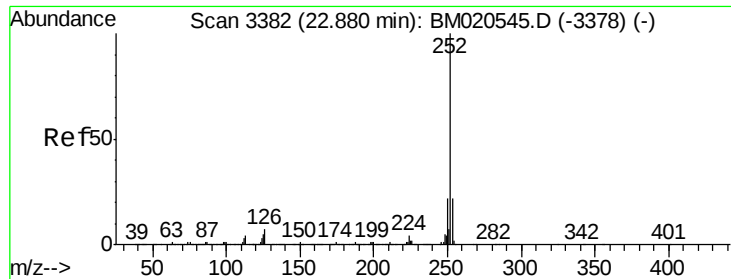
mohammad
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#88
Benzo(b)fluoranthene
Concen: 19.191 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	4.9	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 20.350 ng

RT: 22.88 min Scan# 3382

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

Instrument :

BNA_M

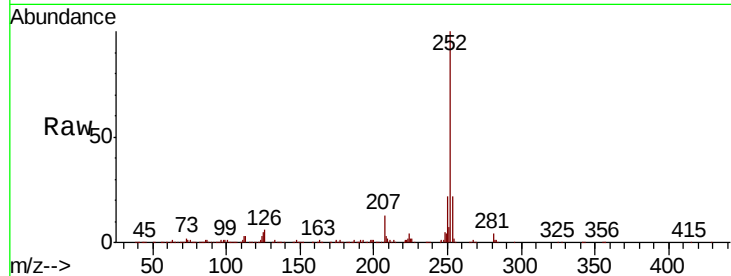
ClientSampleId :

SSTDIC020

Tot Ion:	252	Resp:	736118
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	4.7	4.2	6.4

Manual Integrations
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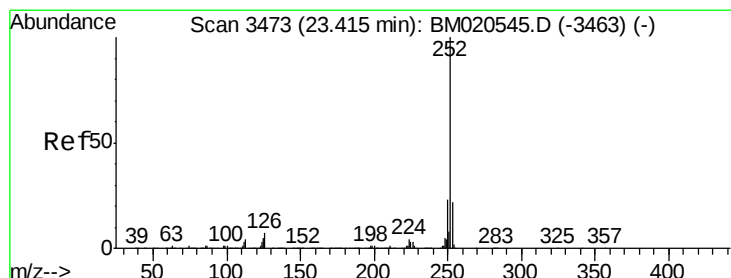
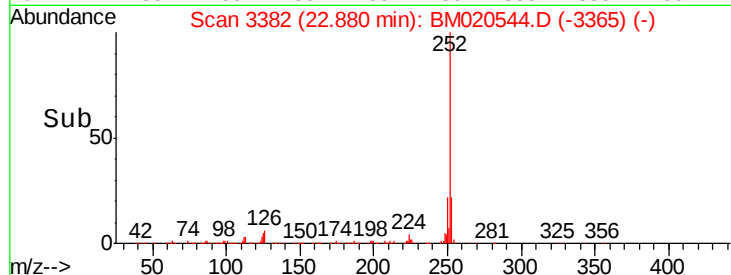
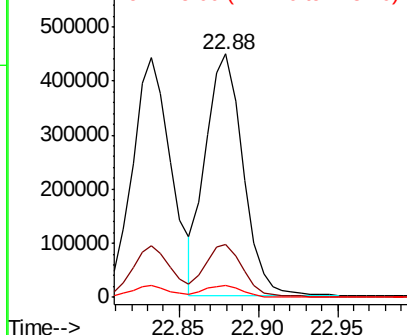


Abundance

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: 19.663 ng

RT: 23.41 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BM020544.D

Acq: 24 May 2019 12:11

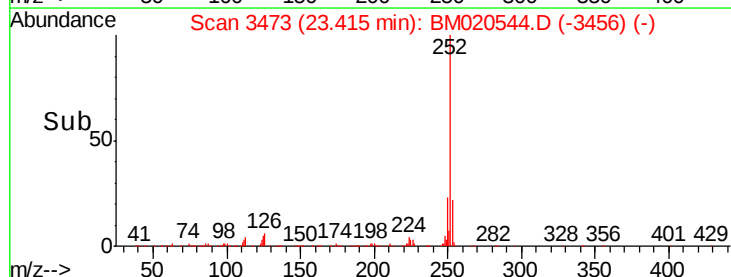
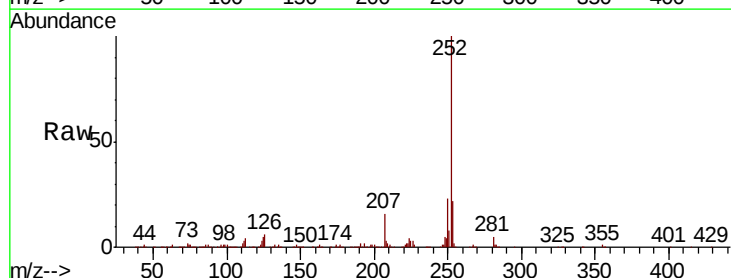
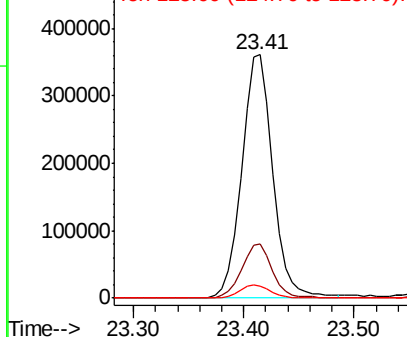
Tgt Ion:	252	Resp:	708257
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	5.1	4.2	6.4

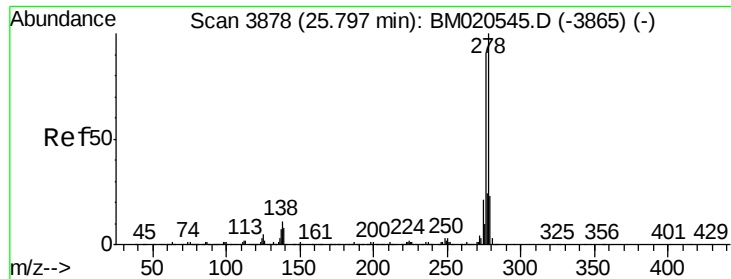
Abundance

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





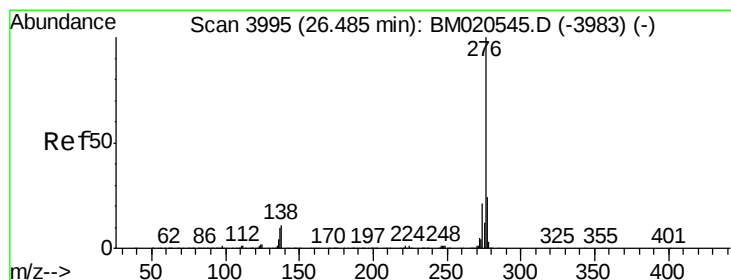
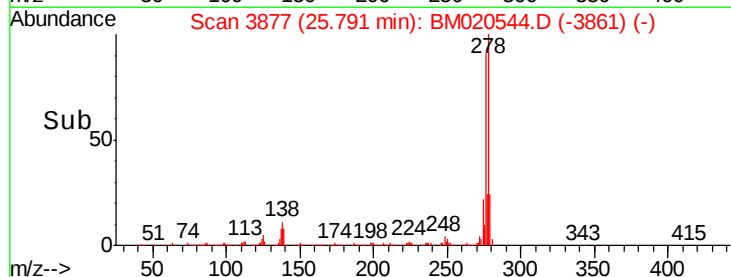
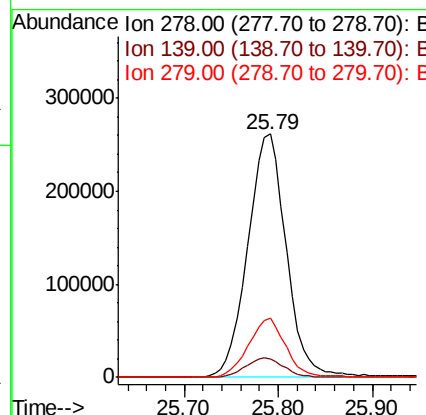
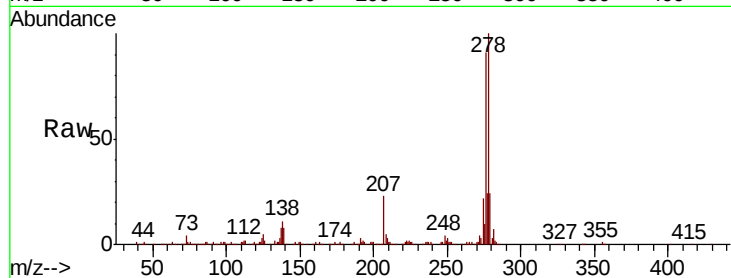
#91
Dibenzo(a,h)anthracene
Concen: 19.738 ng
RT: 25.79 min Scan# 3877
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.8	6.3	9.5
279	24.1	18.3	27.5

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:39 AM



#92
Benzo(g,h,i)perylene
Concen: 19.825 ng
RT: 26.47 min Scan# 3993
Delta R.T. -0.01 min
Lab File: BM020544.D
Acq: 24 May 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	10.4	8.6	12.8

