

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020547.D
 Acq On : 24 May 2019 13:59
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:59:46 AM

Quant Time: May 24 15:45:15 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	52768	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	214064	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	154705	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	437304	20.00	ng	0.00
76) Chrysene-d12	21.27	240	560721	20.00	ng	0.00
87) Perylene-d12	23.51	264	628985	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	330892	102.50	ng	0.00
7) Phenol-d6	6.85	99	504333	114.36	ng	0.00
23) Nitrobenzene-d5	8.84	82	630469	116.28	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	389763	162.31	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1518330	120.75	ng	0.00
79) Terphenyl-d14	19.71	244	3738022	116.28	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.17	88	83210	52.556	ng	99
3) Pyridine	3.57	79	265779	65.636	ng	100
4) n-Nitrosodimethylamine	3.50	42	60907	46.907	ng	# 90
6) Aniline	7.00	93	359929	64.833	ng	100
8) 2-Chlorophenol	7.23	128	201224	57.247	ng	98
9) Benzaldehyde	6.82	77	137245	41.117	ng	98
10) Phenol	6.87	94	271233	57.129	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	201696	58.450	ng	98
12) 1,3-Dichlorobenzene	7.55	146	252469	61.733	ng	99
13) 1,4-Dichlorobenzene	7.70	146	249510	60.394	ng	99
14) 1,2-Dichlorobenzene	8.01	146	253652	64.443	ng	100
15) Benzyl Alcohol	7.92	79	233306	54.862	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	136704	47.776	ng	96
17) 2-Methylphenol	8.12	107	176994	57.912	ng	98
18) Hexachloroethane	8.72	117	102209	59.333	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	217525	57.651	ng	99
20) 3+4-Methylphenols	8.45	107	241607	59.481	ng	99
22) Acetophenone	8.50	105	358192	61.225	ng	100
24) Nitrobenzene	8.88	77	309963	55.136	ng	98
25) Isophorone	9.40	82	568922	60.846	ng	99
26) 2-Nitrophenol	9.58	139	116500	68.642	ng	98
27) 2,4-Dimethylphenol	9.64	122	169434	59.964	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	302130	59.328	ng	100
29) 2,4-Dichlorophenol	10.11	162	229673	64.460	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	307454	70.129	ng	97
31) Naphthalene	10.50	128	670712	60.378	ng	99
32) Benzoic acid	9.83	122	109444	58.462	ng	92
33) 4-Chloroaniline	10.64	127	272454	59.590	ng	99
34) Hexachlorobutadiene	10.76	225	227280	73.284	ng	98
35) Caprolactam	11.46	113	77827m	73.050	ng	
36) 4-Chloro-3-methylphenol	11.77	107	250192	59.754	ng	96
37) 2-Methylnaphthalene	12.12	142	512434	63.275	ng	99
38) 1-Methylnaphthalene	12.34	142	490117	61.889	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	401056	66.261	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020547.D
 Acq On : 24 May 2019 13:59
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

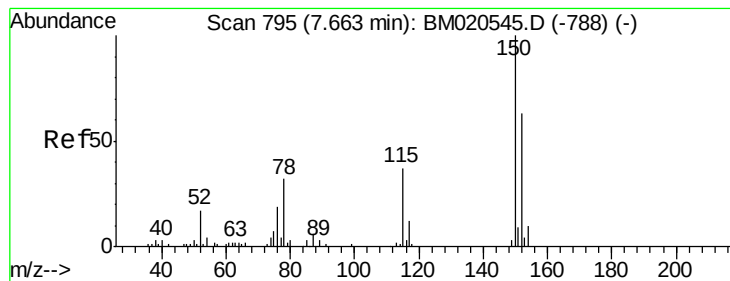
Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:59:46 AM

Quant Time: May 24 15:45:15 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)
41) Hexachlorocyclopentadiene	12.46	237	180321	50.598	nq	99
43) 2,4,6-Trichlorophenol	12.75	196	252908	73.522	nq	98
44) 2,4,5-Trichlorophenol	12.83	196	242018	62.979	nq	99
46) 1,1'-Biphenyl	13.15	154	729553	57.293	nq	99
47) 2-Chloronaphthalene	13.19	162	619955	60.978	nq	98
48) 2-Nitroaniline	13.43	65	194370	53.700	nq	99
49) Acenaphthylene	14.04	152	946274	58.157	nq	99
50) Dimethylphthalate	13.79	163	849282	64.590	nq	100
51) 2,6-Dinitrotoluene	13.92	165	180061	65.018	nq	97
52) Acenaphthene	14.39	154	566735	60.739	nq	99
53) 3-Nitroaniline	14.26	138	155804	60.616	nq	99
54) 2,4-Dinitrophenol	14.47	184	102294	87.334	nq	99
55) Dibenzofuran	14.73	168	981104	62.337	nq	99
56) 4-Nitrophenol	14.59	139	108898	49.656	nq	91
57) 2,4-Dinitrotoluene	14.72	165	265522	70.559	nq	97
58) Fluorene	15.37	166	820041	63.442	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	274302	75.113	nq	99
60) Diethylphthalate	15.16	149	835546	63.074	nq	100
61) 4-Chlorophenyl-phenylether	15.37	204	521314	71.181	nq	99
62) 4-Nitroaniline	15.44	138	155256	54.733	nq	99
63) Azobenzene	15.67	77	822111	52.605	nq	97
65) 4,6-Dinitro-2-methylphenol	15.48	198	167476	81.612	nq	99
66) n-Nitrosodiphenylamine	15.59	169	716835	55.707	nq	99
67) 4-Bromophenyl-phenylether	16.27	248	355306	66.258	nq	100
68) Hexachlorobenzene	16.37	284	420918	68.211	nq	97
69) Atrazine	16.55	200	298372	59.334	nq	99
70) Pentachlorophenol	16.73	266	229373	64.965	nq	97
71) Phenanthrene	17.12	178	1440083	59.657	nq	99
72) Anthracene	17.21	178	1408963	58.378	nq	99
73) Carbazole	17.49	167	1220656	56.051	nq	99
74) Di-n-butylphthalate	18.04	149	1512554	57.713	nq	100
75) Fluoranthene	19.14	202	2045543	66.973	nq	100
77) Benzidine	19.34	184	666742	37.193	nq	99
78) Pyrene	19.51	202	2096525	55.690	nq	99
80) Butylbenzylphthalate	20.40	149	751500	54.894	nq	98
81) Benzo(a)anthracene	21.26	228	2361905	60.064	nq	99
82) 3,3'-Dichlorobenzidine	21.20	252	866783	57.753	nq	99
83) Chrysene	21.31	228	2283162	59.868	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1102153	51.882	nq	98
85) Di-n-octyl phthalate	22.05	149	1932336	54.728	nq	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2883158	63.558	nq	100
88) Benzo(b)fluoranthene	22.84	252	2489455	59.937	nq	99
89) Benzo(k)fluoranthene	22.89	252	2463336	65.017	nq	100
90) Benzo(a)pyrene	23.42	252	2306163	61.127	nq	99
91) Dibenzo(a,h)anthracene	25.81	278	2431280	61.968	nq	99
92) Benzo(g,h,i)perylene	26.50	276	2254681	60.529	nq	99

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



#1

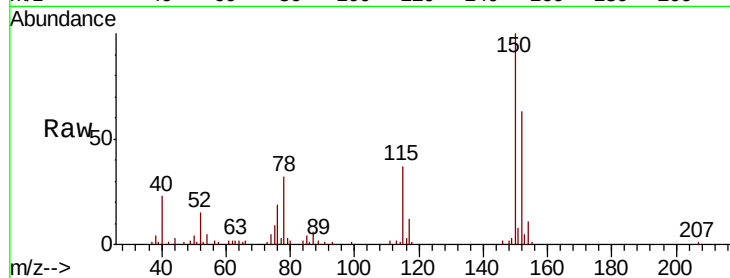
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	190.0
115	58.1	46.6	70.0

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM

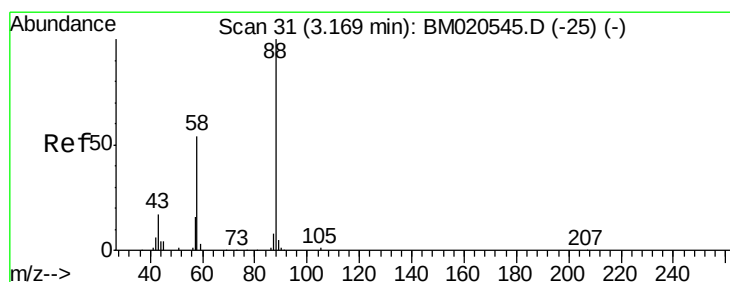
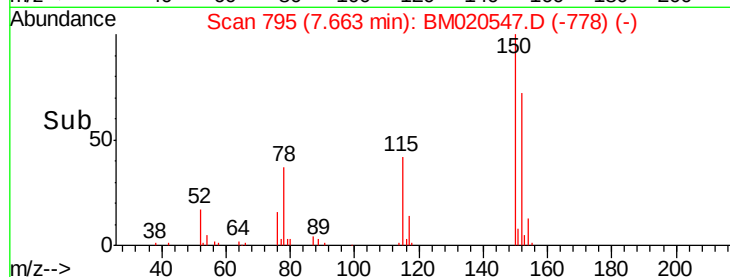
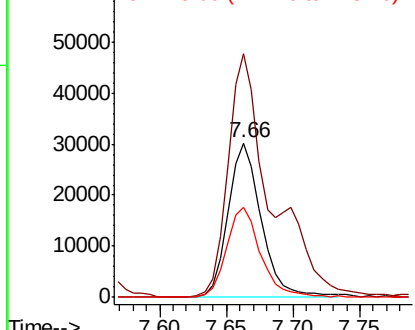


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

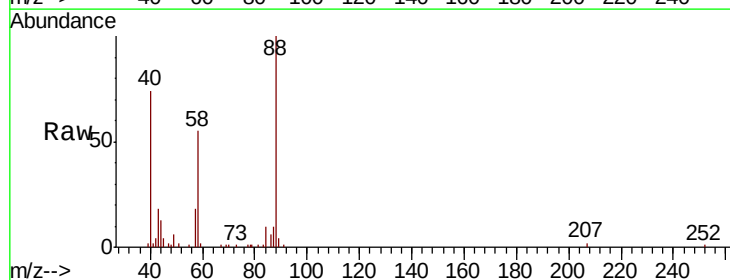
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 52.556 ng
RT: 3.17 min Scan# 31
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.2	42.3	63.5
43	20.3	16.0	24.0

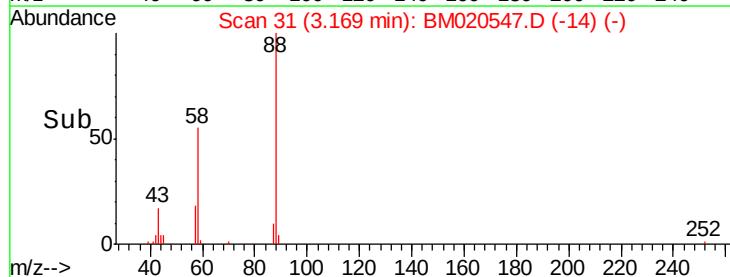
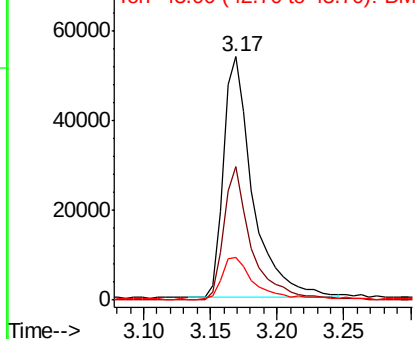


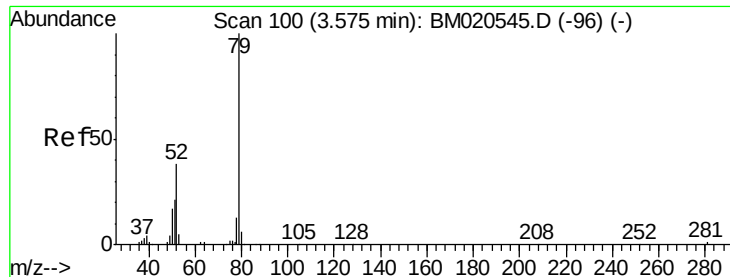
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 65.636 ng

RT: 3.57 min Scan# 100

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

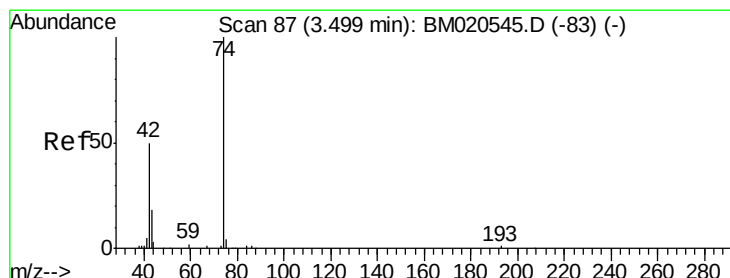
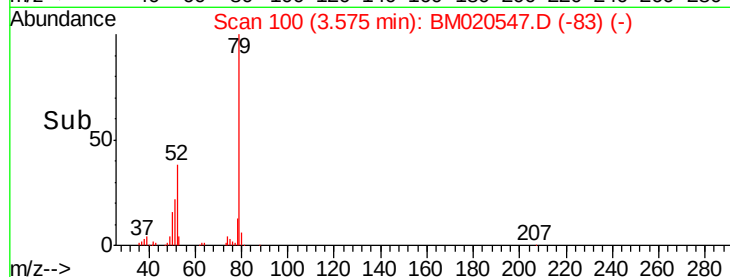
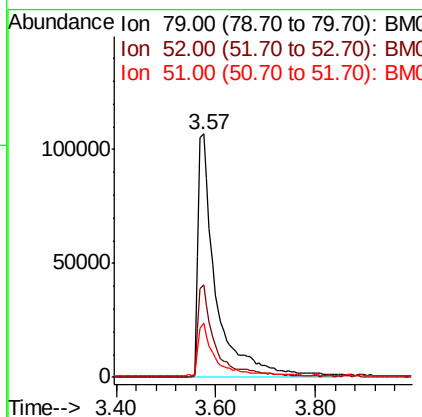
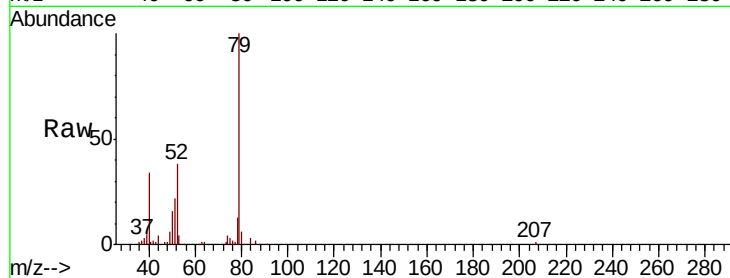
ClientSampled :

SSTDICC060

Tot Ion:	79	Resp:	265779
Ion	Ratio	Lower	Upper
79	100		
52	37.9	30.1	45.1
51	22.3	17.8	26.8

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM



#4

n-Nitrosodimethylamine

Concen: 46.907 ng

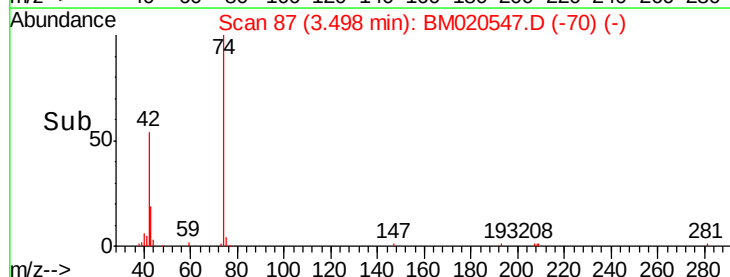
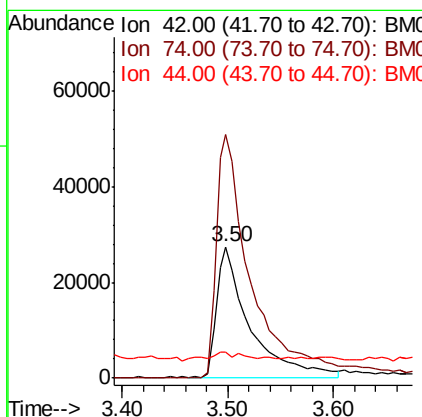
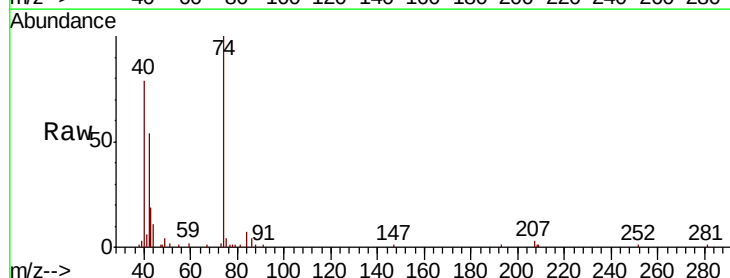
RT: 3.50 min Scan# 87

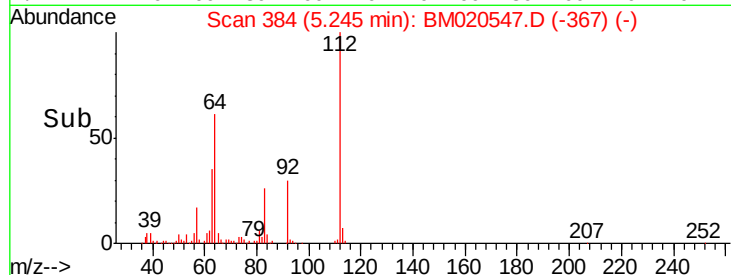
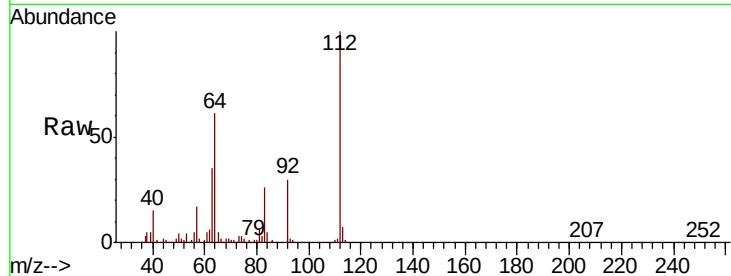
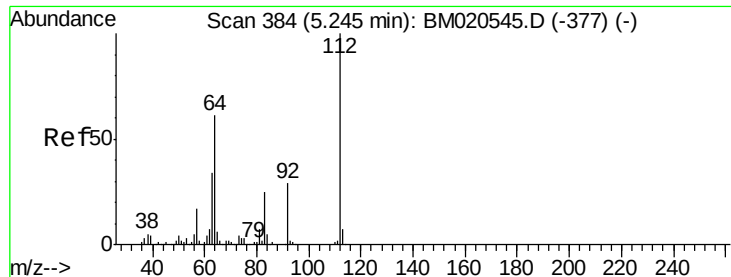
Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Tgt Ion:	42	Resp:	60907
Ion	Ratio	Lower	Upper
42	100		
74	185.7	161.1	241.7
44	20.2	20.9	31.3





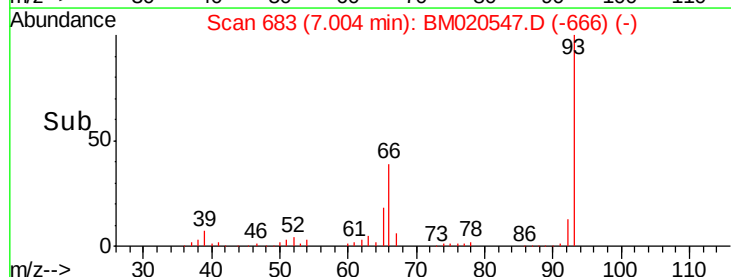
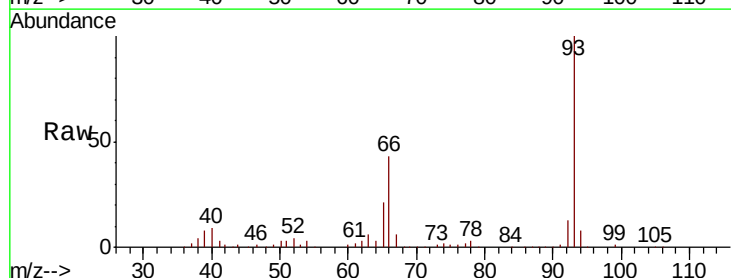
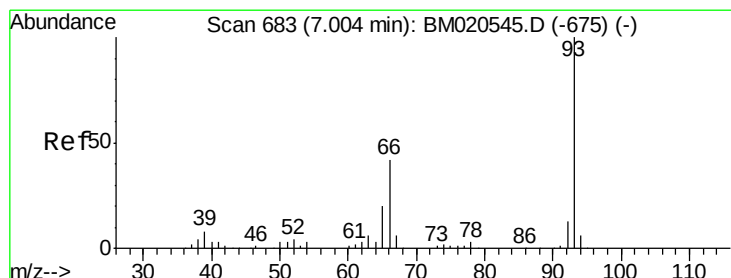
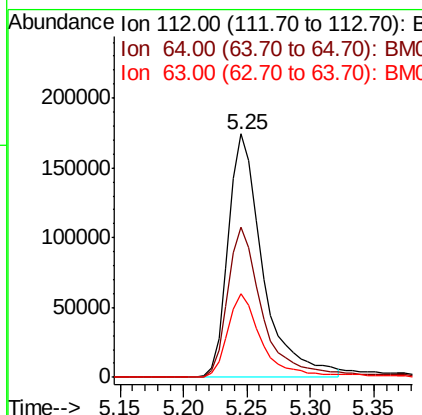
#5
2-Fluorophenol
Concen: 102.500 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tot Ion	Ratio	Resp	Lower	Upper
112	100	330892		
64	61.5	48.6	73.0	
63	34.6	27.4	41.0	

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

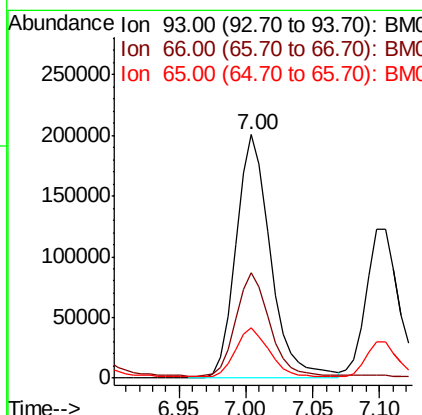
Manual Integrations
APPROVED

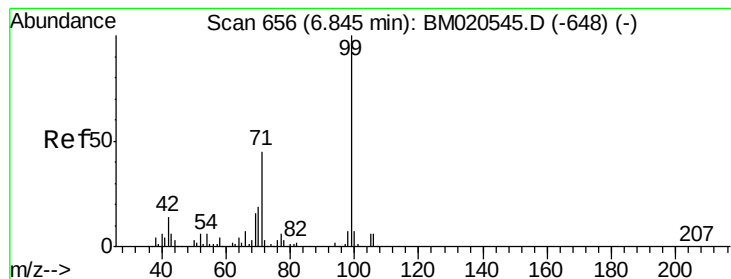
mohammad
5/27/2019 3:59:46 AM



#6
Aniline
Concen: 64.833 ng
RT: 7.00 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	359929		
66	43.3	34.5	51.7	
65	20.5	16.2	24.2	





#7

Phenol-d6

Concen: 114.356 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

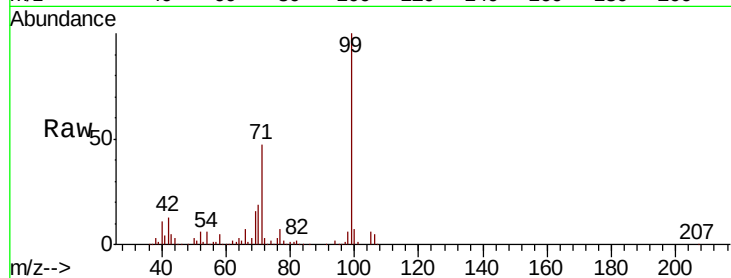
ClientSampleId :

SSTDICC060

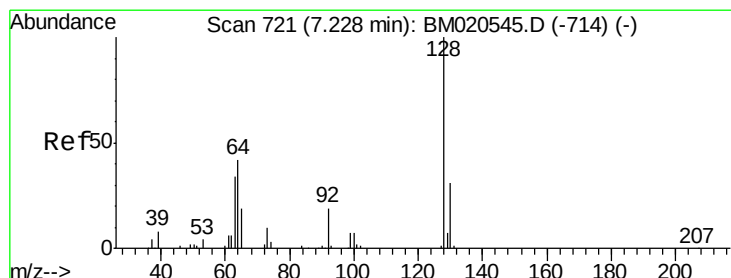
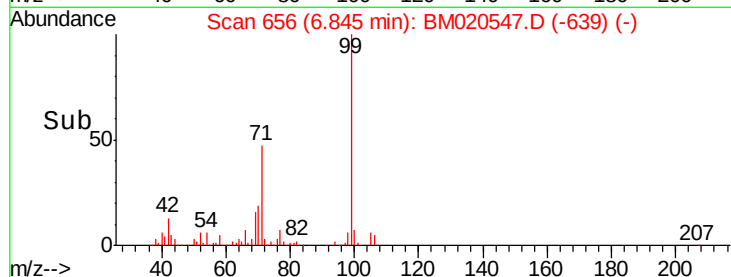
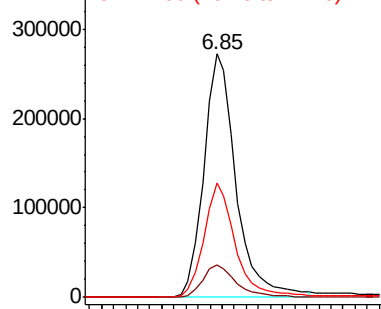
Tot Ion:	99	Resp:	504333
Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.8	16.2
71	46.9	36.3	54.5

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM



Abundance Ion 99.00 (98.70 to 99.70): BM020547.D (-648) (-)



#8

2-Chlorophenol

Concen: 57.247 ng

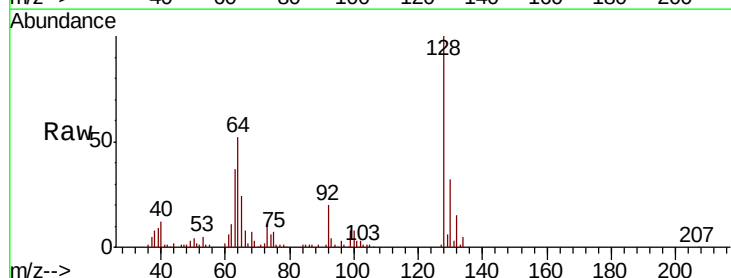
RT: 7.23 min Scan# 721

Delta R.T. -0.00 min

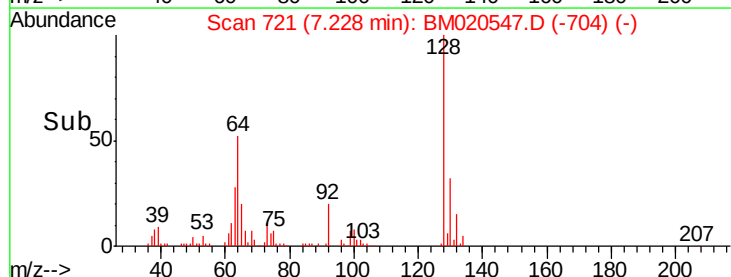
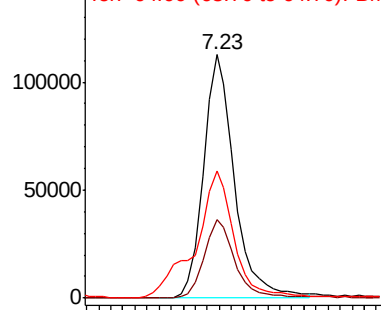
Lab File: BM020547.D

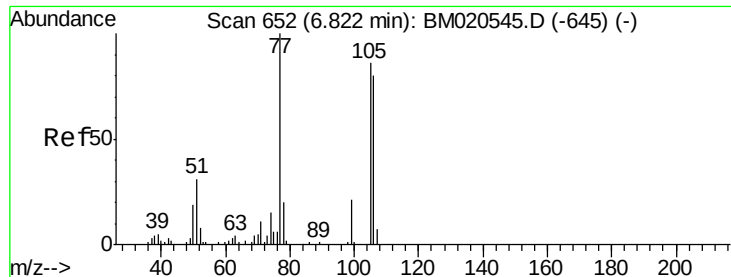
Acq: 24 May 2019 13:59

Tgt Ion:	128	Resp:	201224
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.2	51.2
64	52.1	31.1	71.1



Abundance Ion 128.00 (127.70 to 128.70): BM020547.D (-714) (-)





#9

Benzaldehyde

Concen: 41.117 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

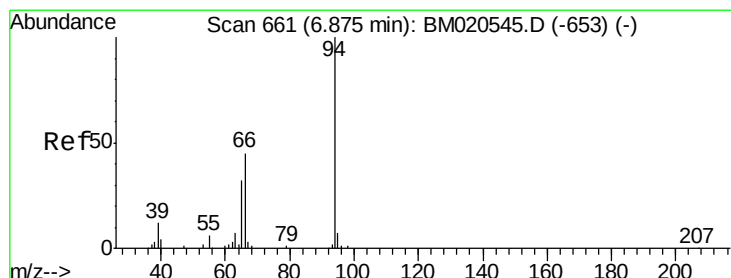
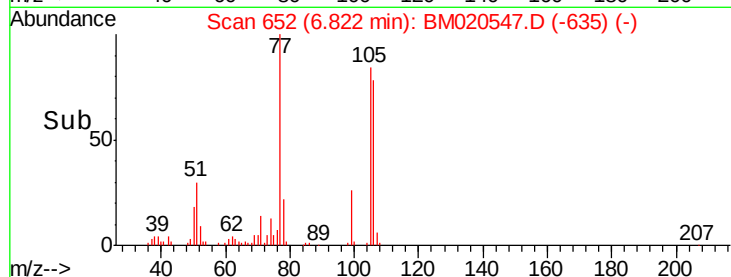
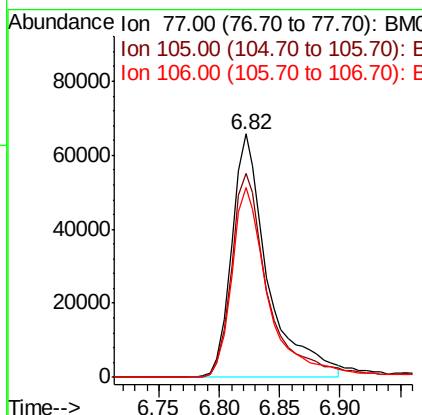
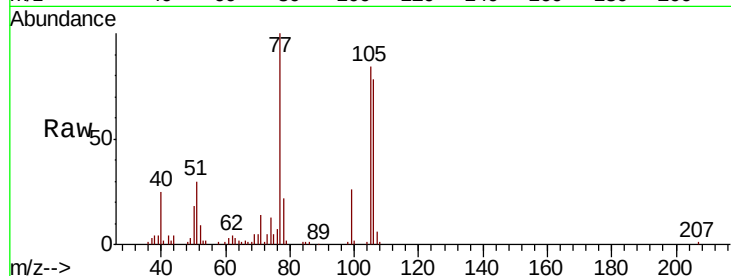
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	137245
Ion	Ratio	Lower	Upper
77	100		
105	83.8	66.1	106.1
106	77.9	60.0	100.0

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM



#10

Phenol

Concen: 57.129 ng

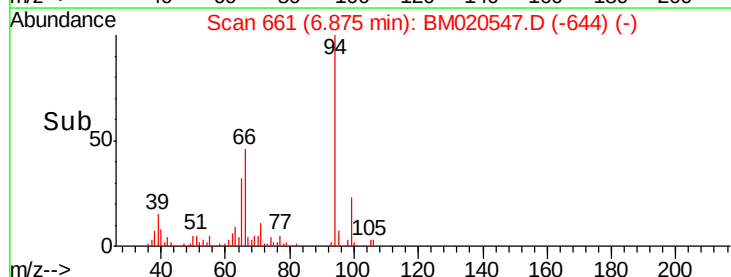
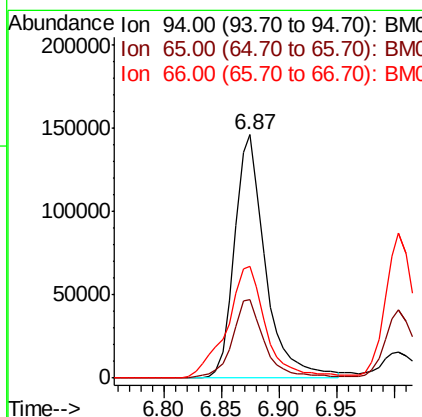
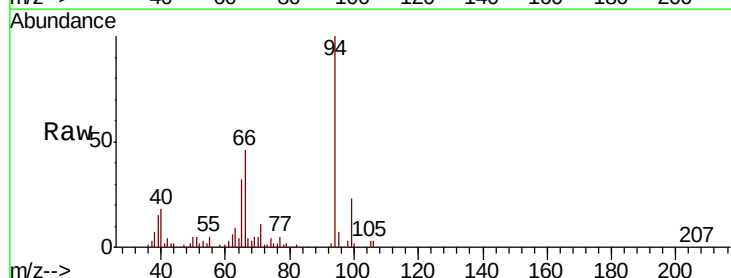
RT: 6.87 min Scan# 661

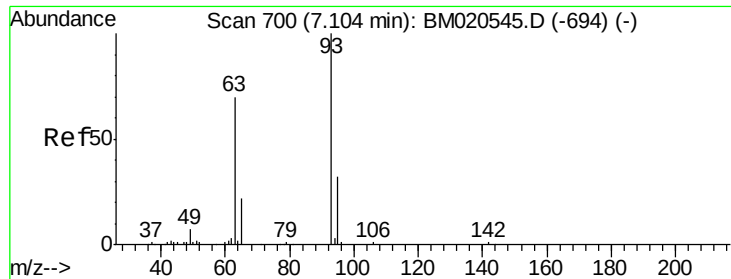
Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Tgt Ion:	94	Resp:	271233
Ion	Ratio	Lower	Upper
94	100		
65	32.1	12.4	52.4
66	45.9	27.4	67.4





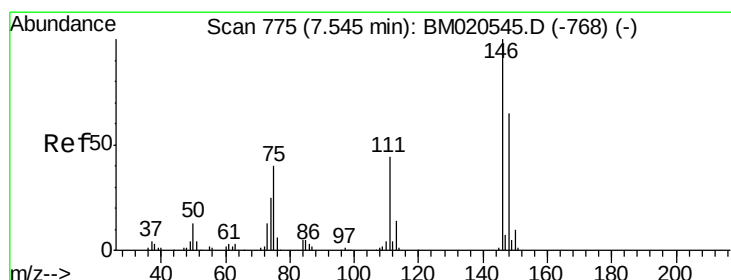
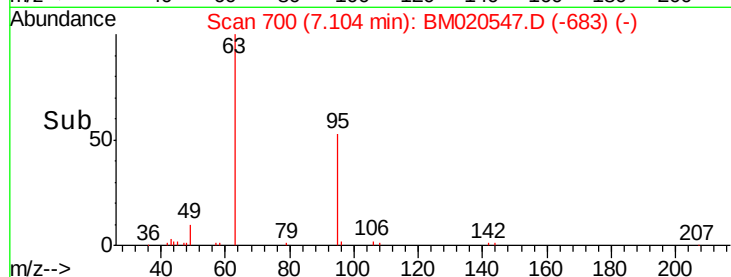
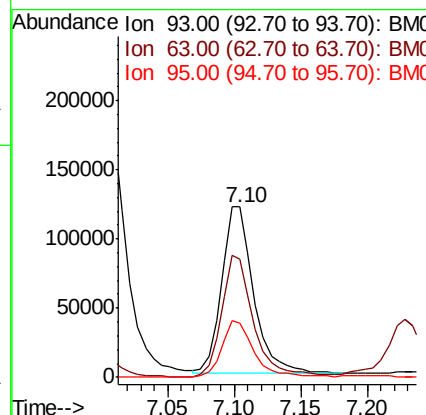
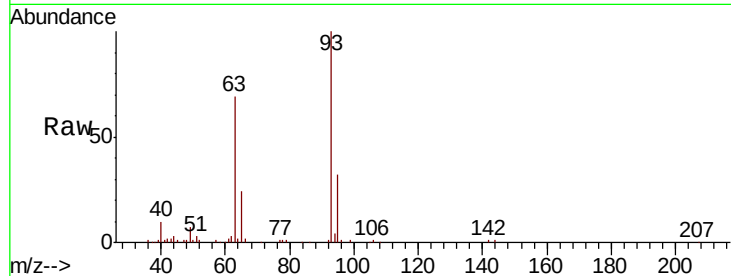
#11
bis(2-Chloroethyl)ether
Concen: 58.450 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion:	93	Resp:	201696
Ion	Ratio	Lower	Upper
93	100		
63	69.1	47.6	87.6
95	31.9	10.9	50.9

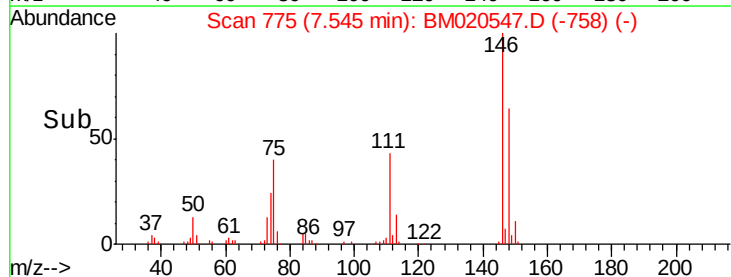
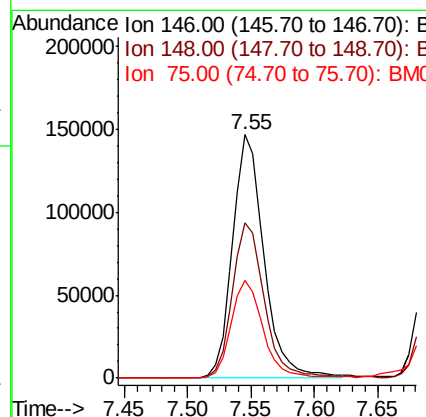
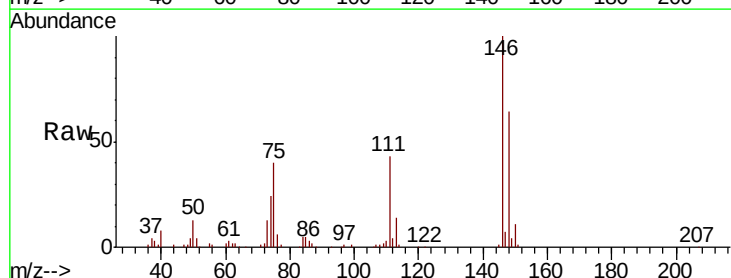
Manual Integrations
APPROVED

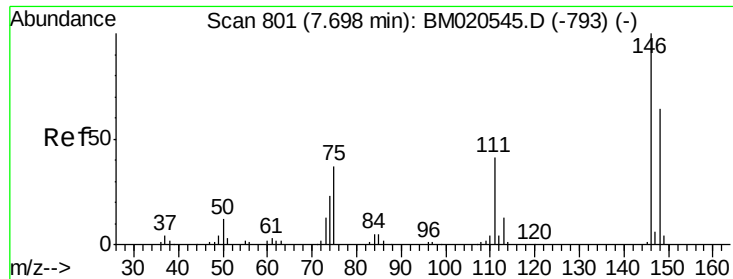
mohammad
5/27/2019 3:59:46 AM



#12
1,3-Dichlorobenzene
Concen: 61.733 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion:	146	Resp:	252469
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
75	40.2	31.6	47.4





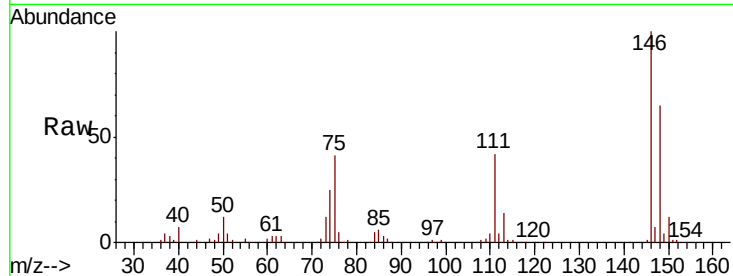
#13
1,4-Dichlorobenzene
Concen: 60.394 ng
RT: 7.70 min Scan# 801
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	42.1	33.5	50.3

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM

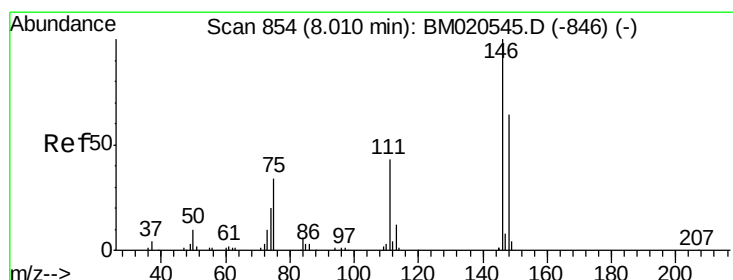
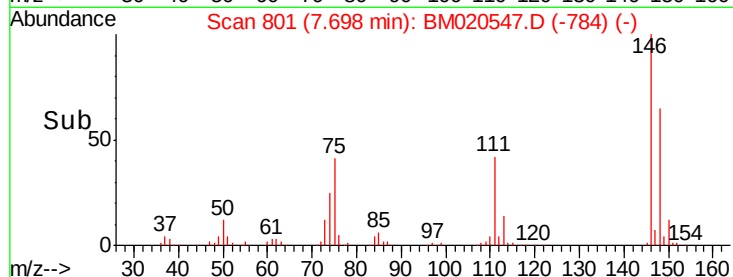
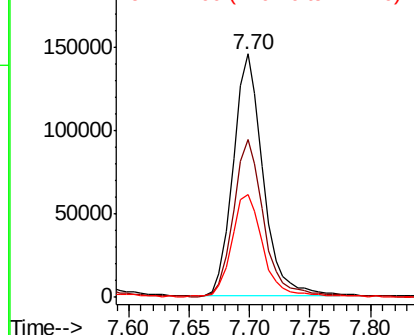


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 64.443 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

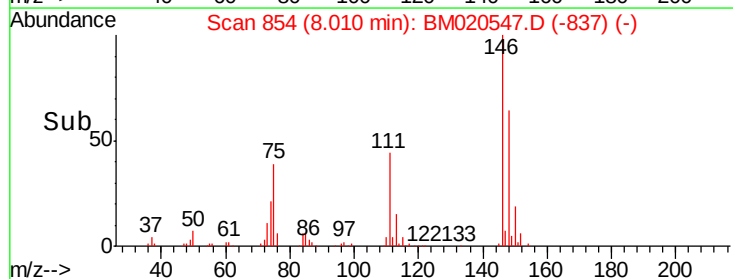
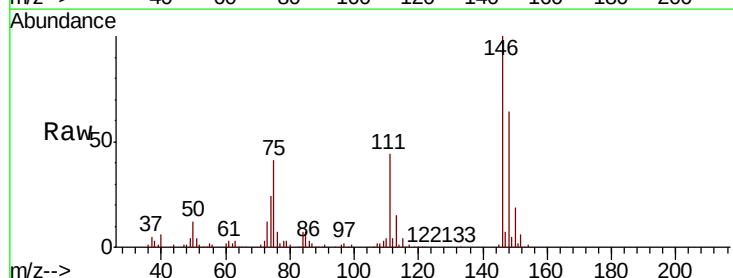
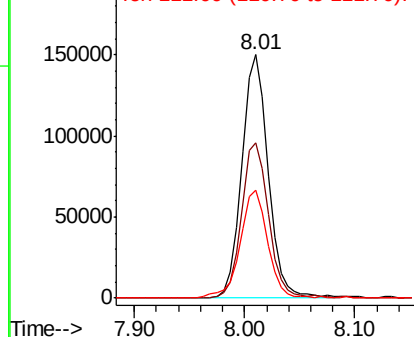
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	44.1	35.2	52.8

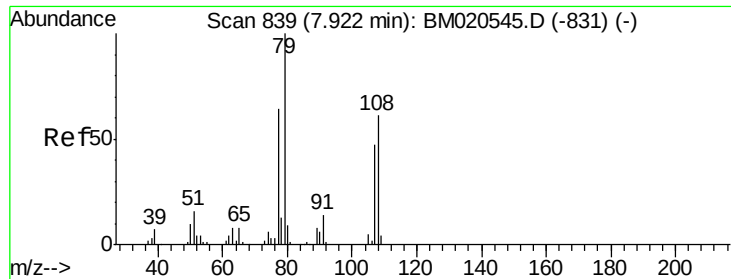
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





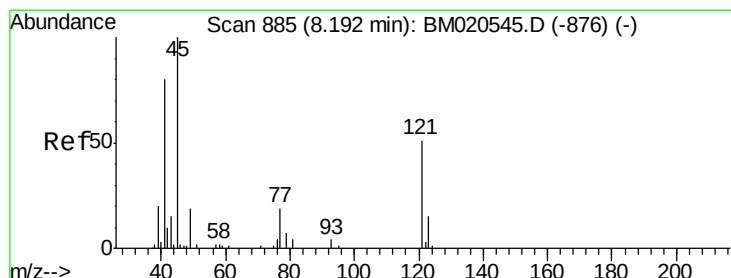
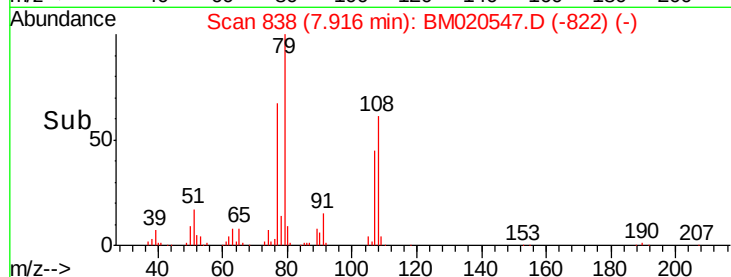
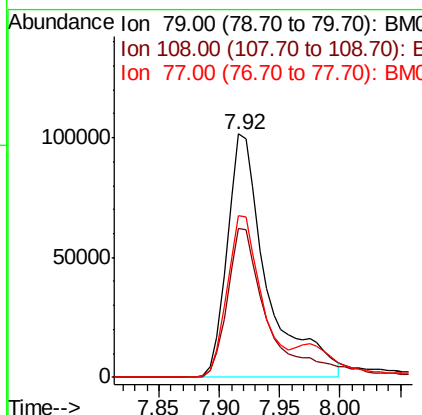
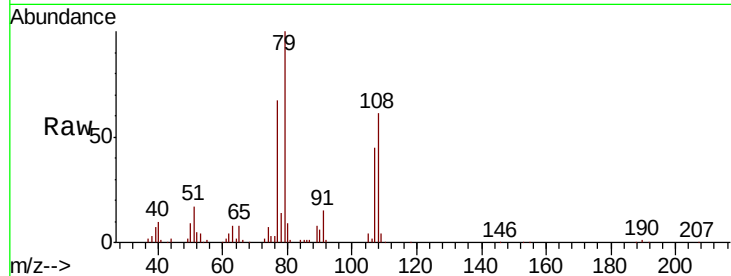
#15
Benzyl Alcohol
Concen: 54.862 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.0	48.5	72.7
77	66.6	50.9	76.3

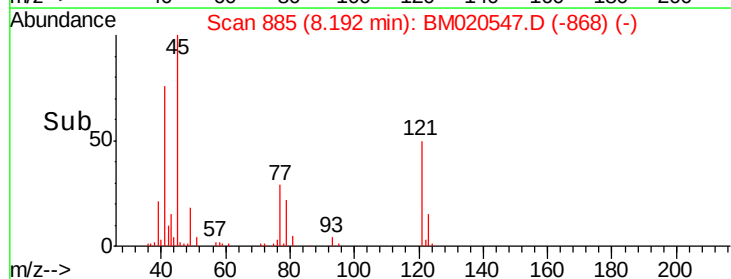
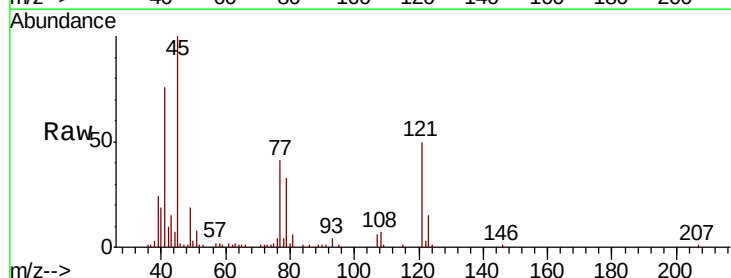
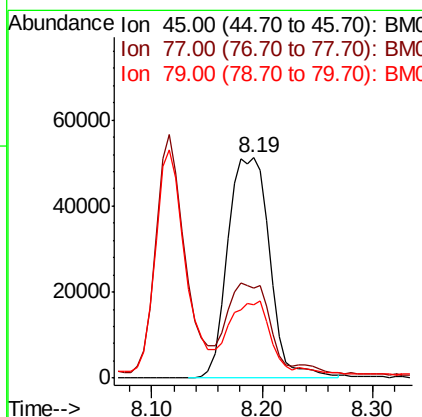
Manual Integrations
APPROVED

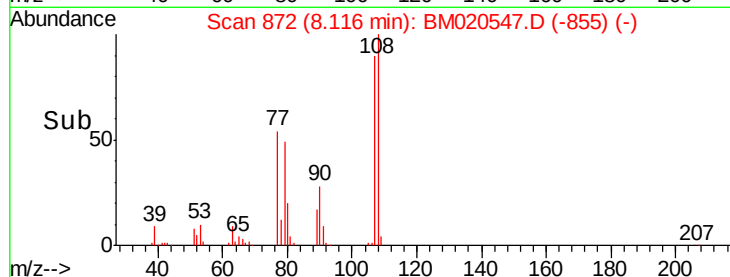
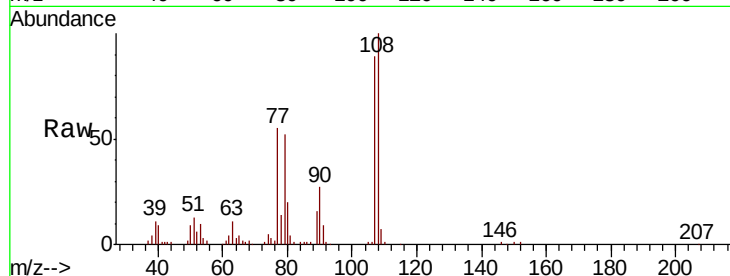
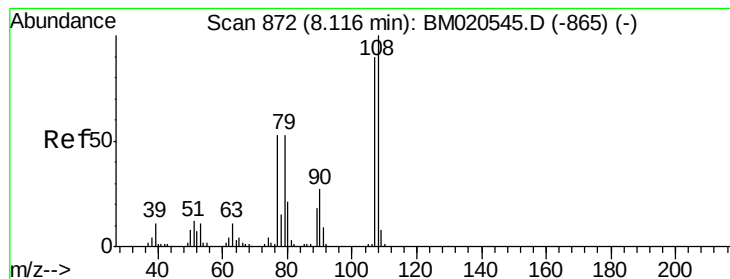
mohammad
5/27/2019 3:59:46 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.776 ng
RT: 8.19 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	40.9	25.0	65.0
79	33.5	13.1	53.1





#17

2-Methylphenol

Concen: 57.912 ng

RT: 8.12 min Scan# 872

Delta R.T. 0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	89.4	134.2	
77	61.8	48.2	72.4	
79	57.9	48.4	72.6	

Instrument :

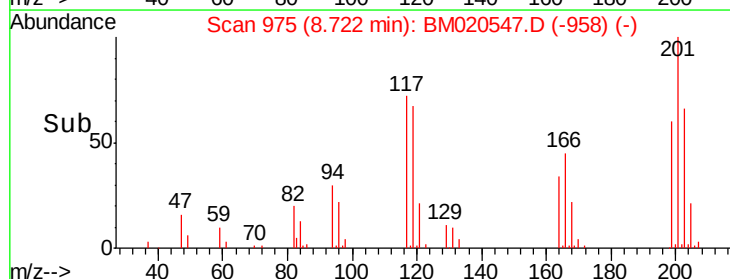
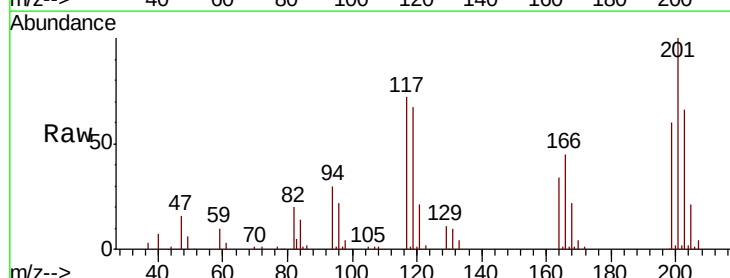
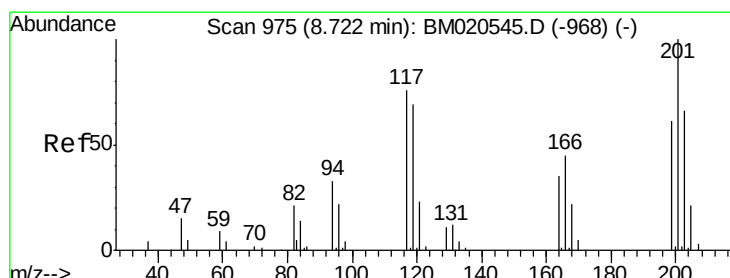
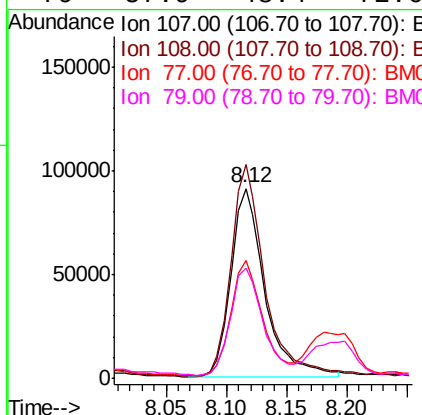
BNA_M

ClientSampleId :

SSTDICC060

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM



#18

Hexachloroethane

Concen: 59.333 ng

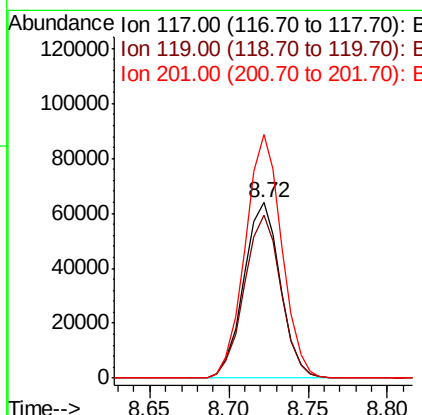
RT: 8.72 min Scan# 975

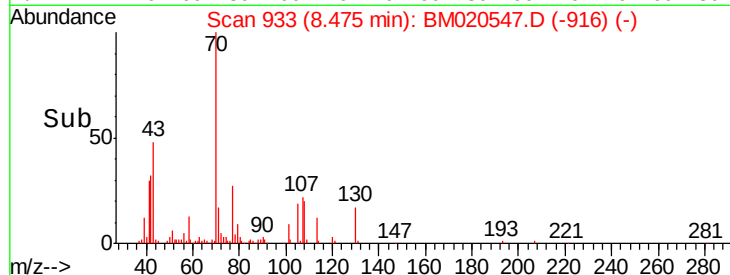
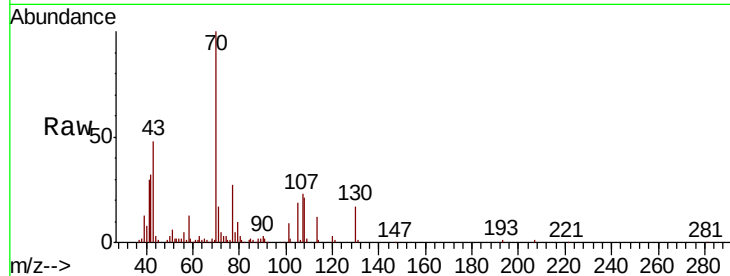
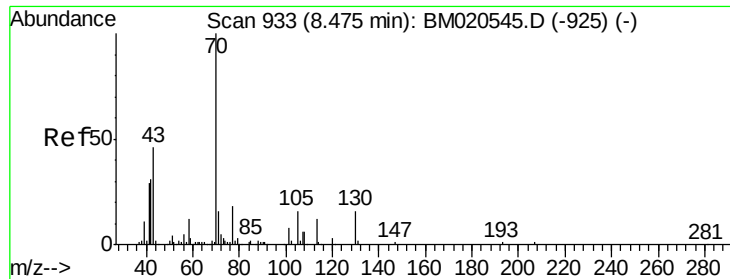
Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	73.2	109.8	
201	139.0	105.8	158.8	





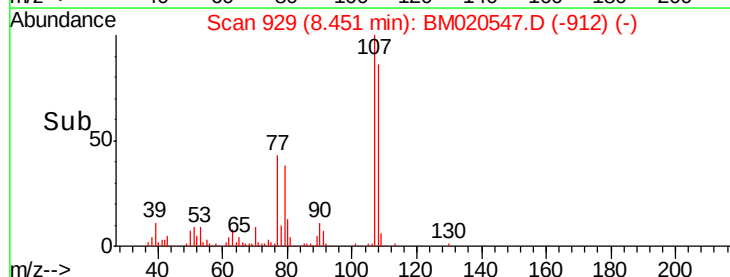
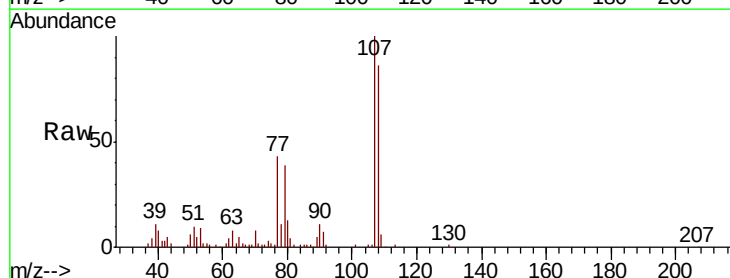
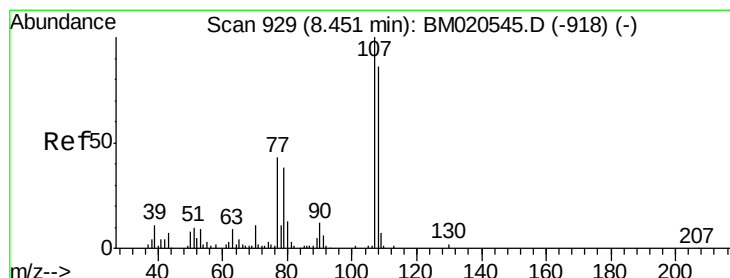
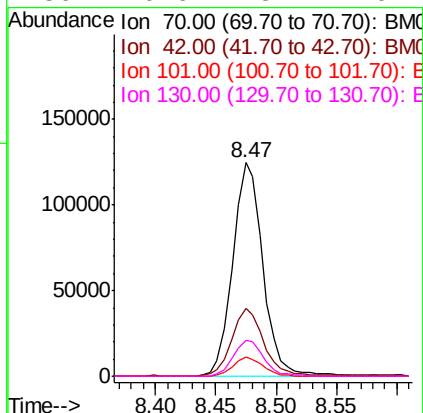
#19
n-Nitroso-di-n-propylamine
Concen: 57.651 ng
RT: 8.47 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	31.6	24.7	37.1
101	8.9	6.8	10.2
130	16.6	13.1	19.7

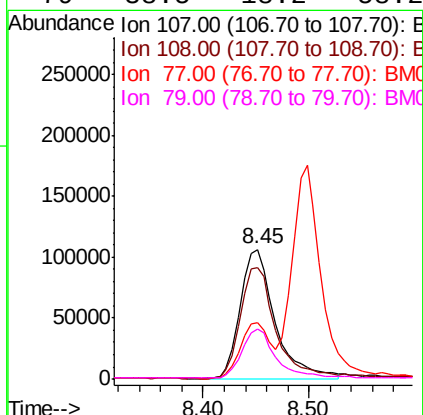
Manual Integrations
APPROVED

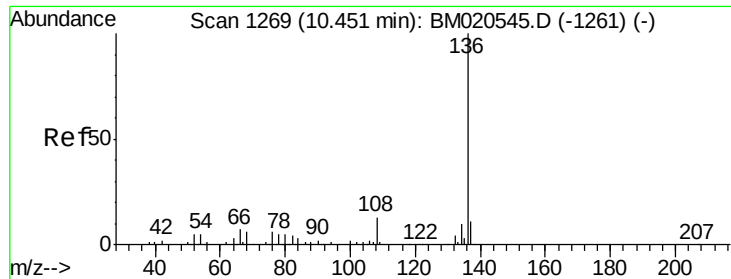
mohammad
5/27/2019 3:59:46 AM



#20
3+4-Methylphenols
Concen: 59.481 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	66.5	106.5
77	43.4	23.0	63.0
79	38.5	18.2	58.2





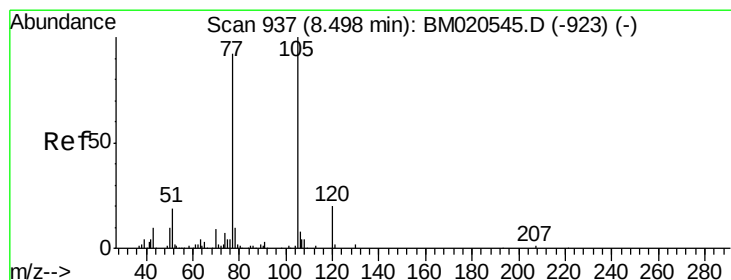
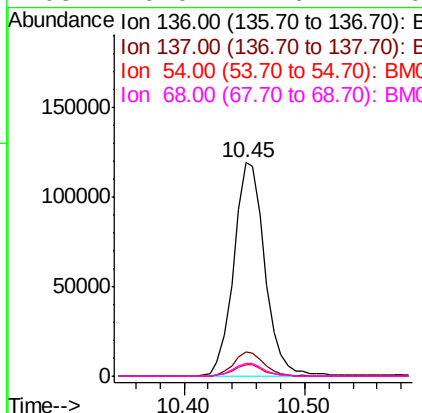
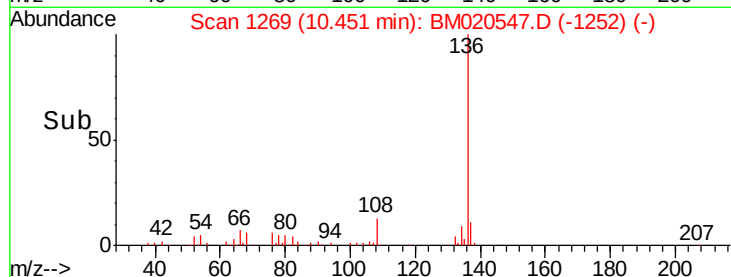
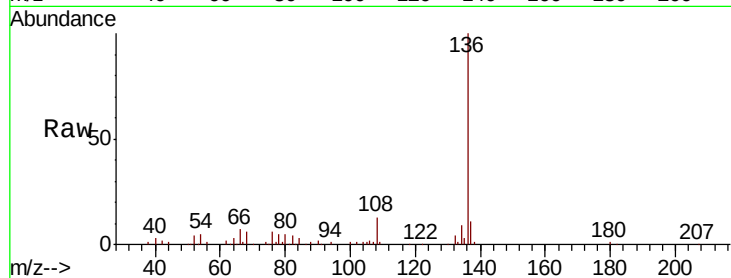
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	214064		
137	11.3		8.4	12.6
54	5.4		4.2	6.4
68	6.0		4.6	7.0

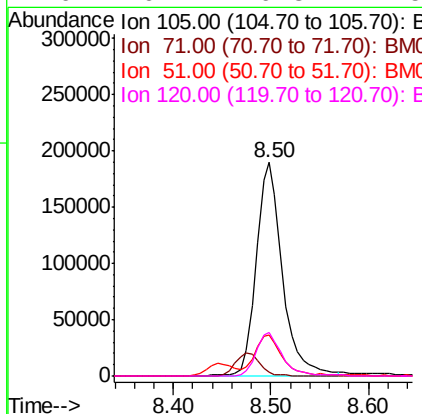
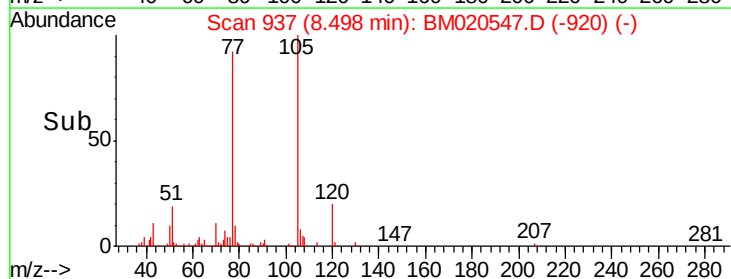
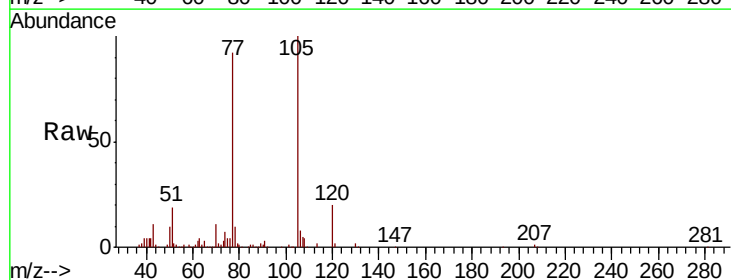
Manual Integrations
APPROVED

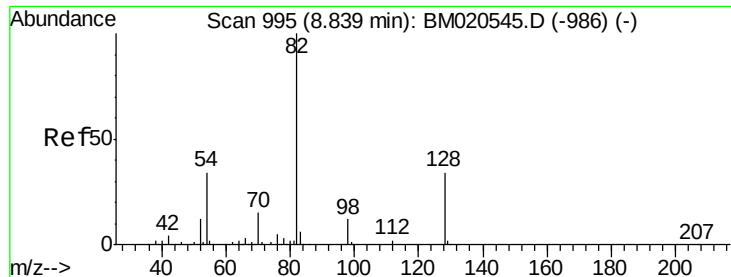
mohammad
5/27/2019 3:59:46 AM



#22
Acetophenone
Concen: 61.225 ng
RT: 8.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358192		
71	1.7		1.3	1.9
51	19.3		15.7	23.5
120	20.4		16.3	24.5





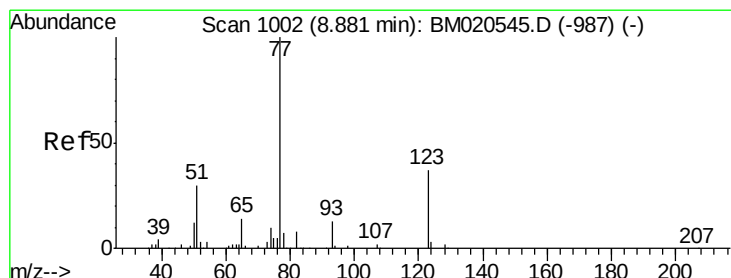
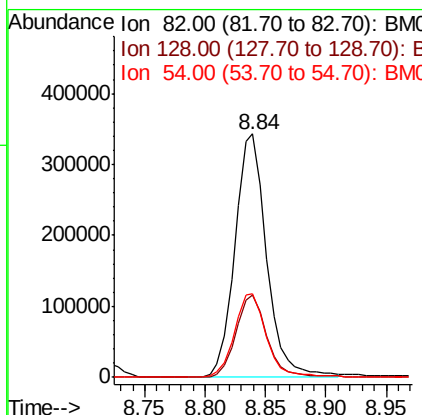
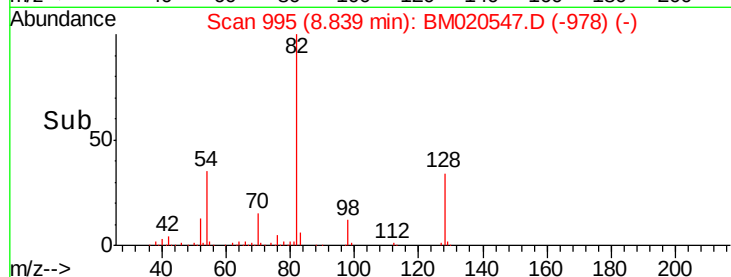
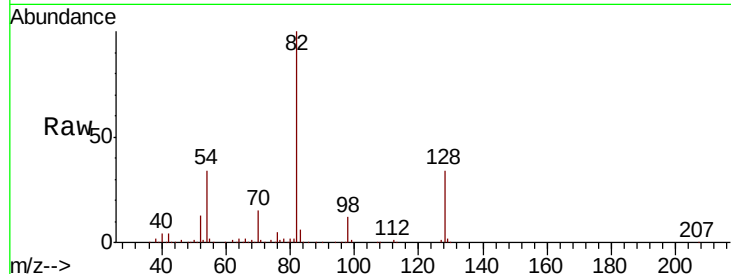
#23
Nitrobenzene-d5
Concen: 116.278 ng
RT: 8.84 min Scan# 995
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.0	40.4
54	34.4	27.4	41.2

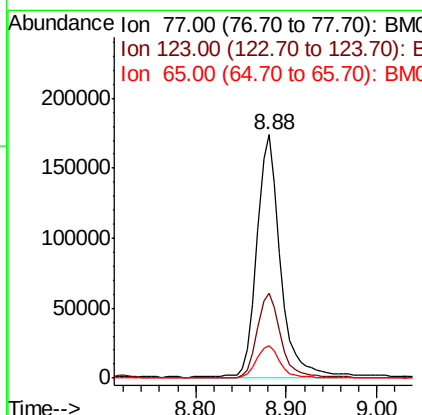
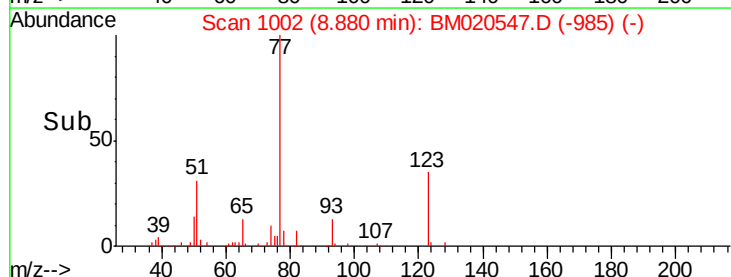
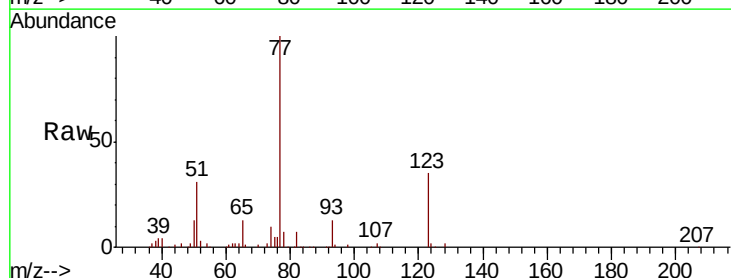
Manual Integrations
APPROVED

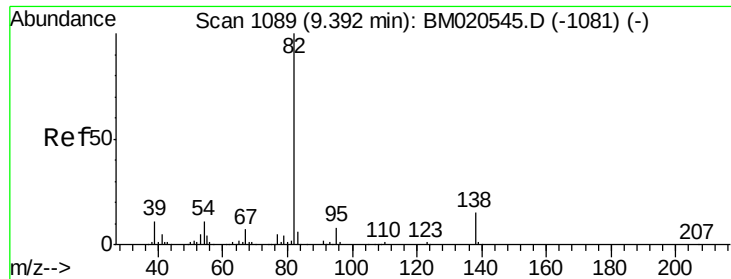
mohammad
5/27/2019 3:59:46 AM



#24
Nitrobenzene
Concen: 55.136 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.9	29.4	44.2
65	13.4	10.8	16.2





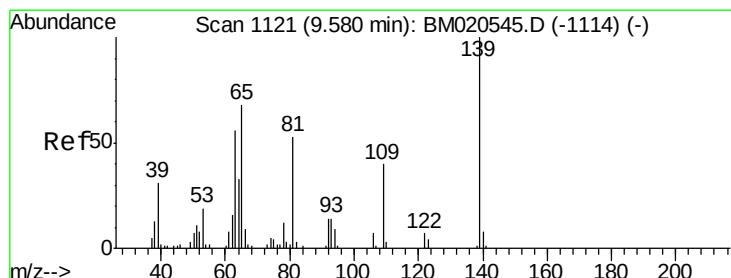
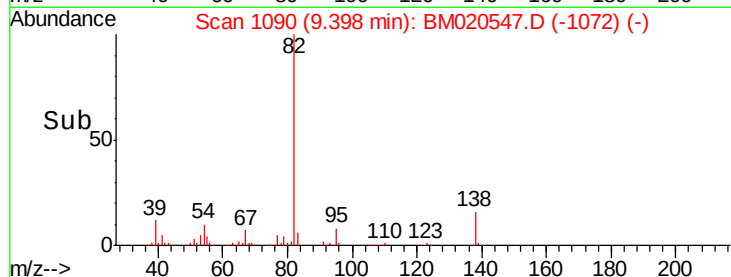
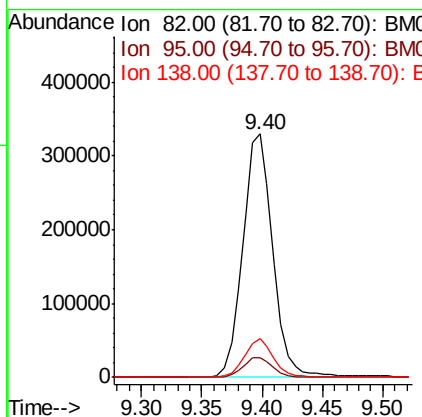
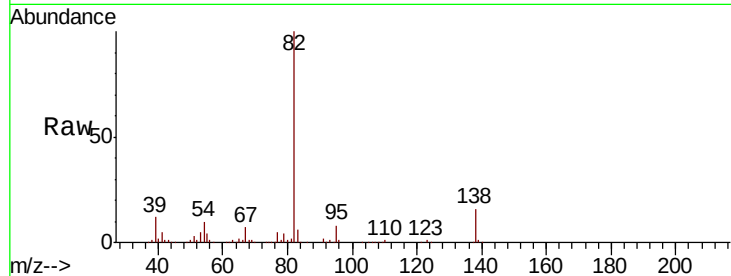
#25
Isophorone
Concen: 60.846 ng
RT: 9.40 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
82	100	568922		
95	8.3		6.7	10.1
138	15.7		12.0	18.0

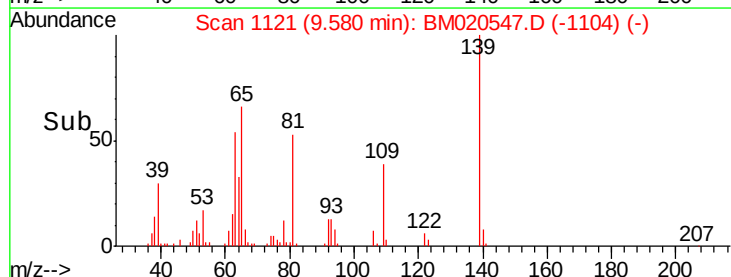
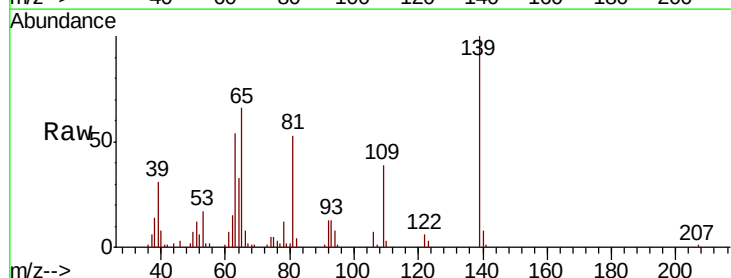
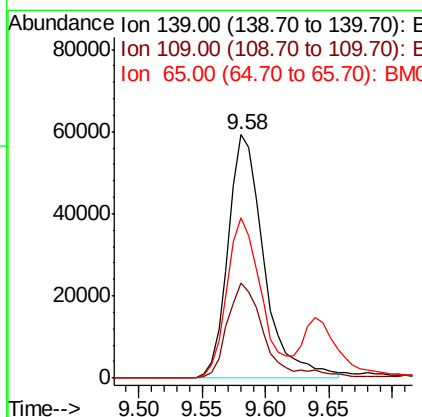
Manual Integrations
APPROVED

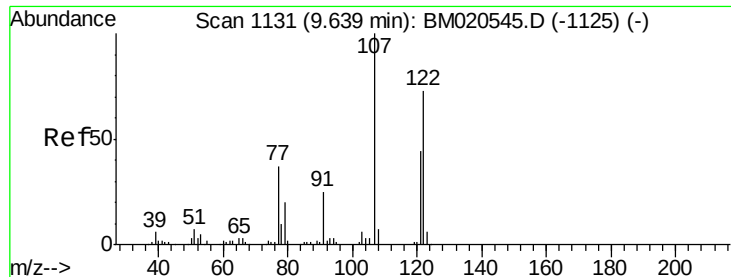
mohammad
5/27/2019 3:59:46 AM



#26
2-Nitrophenol
Concen: 68.642 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116500		
109	39.0		32.3	48.5
65	66.0		54.4	81.6





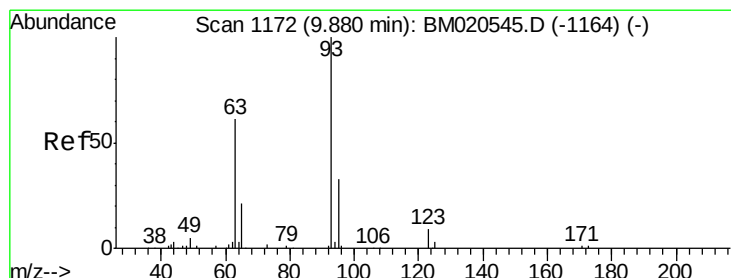
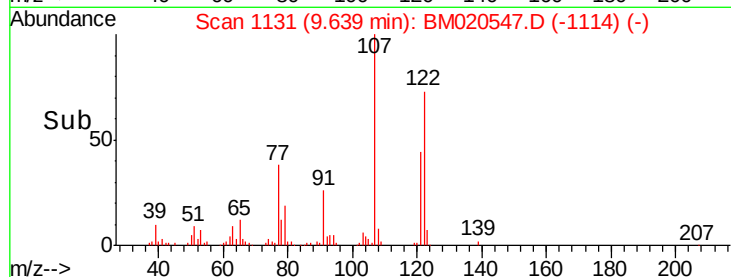
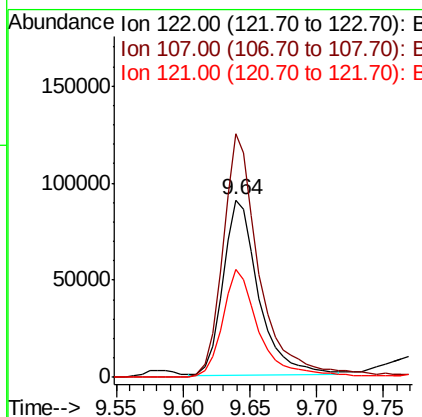
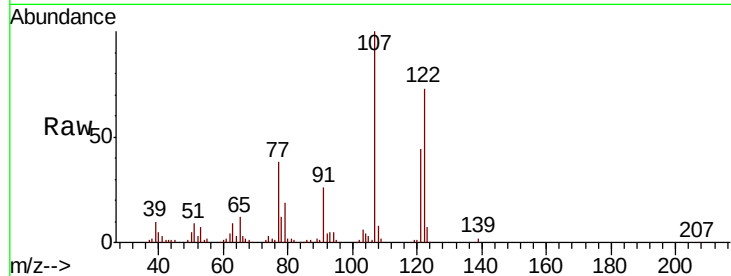
#27
 2,4-Dimethylphenol
 Concen: 59.964 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		169434		
107	137.2	108.2	162.2		
121	60.6	47.4	71.0		

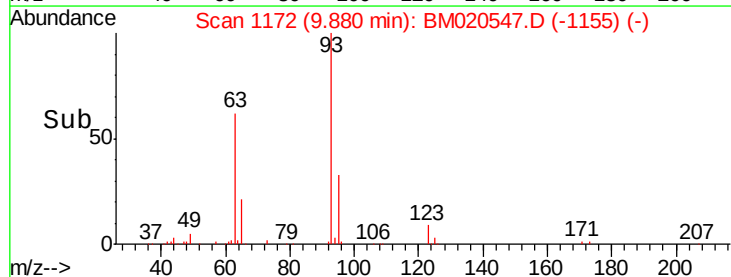
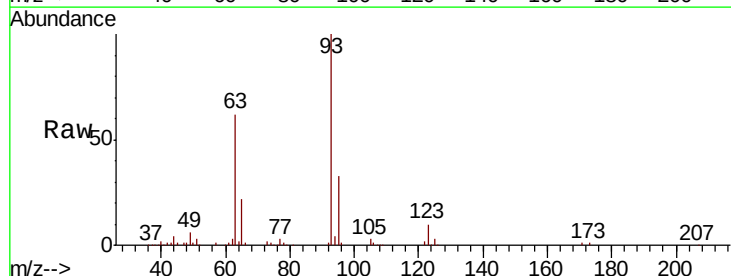
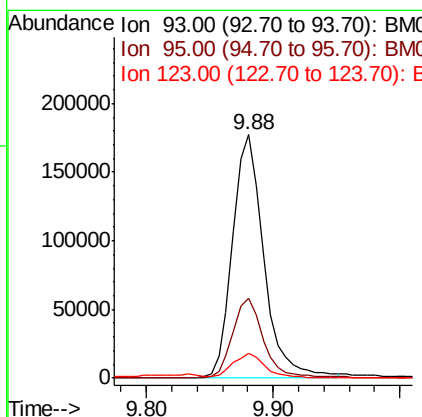
Manual Integrations
 APPROVED

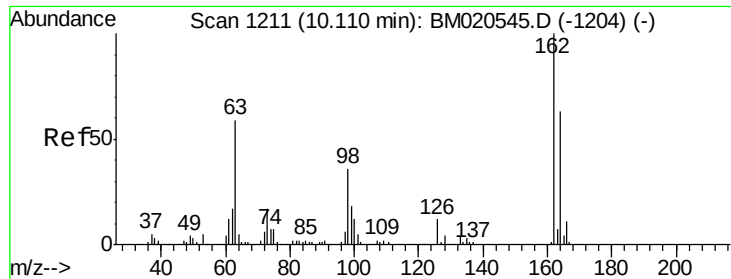
mohammad
 5/27/2019 3:59:46 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 59.328 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		302130		
95	32.6	26.1	39.1		
123	10.1	8.1	12.1		





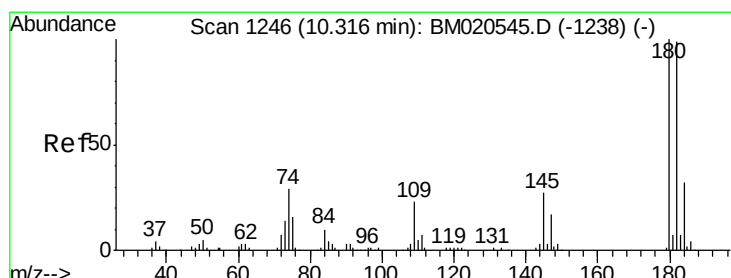
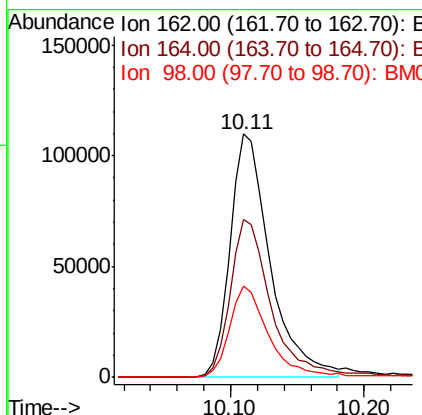
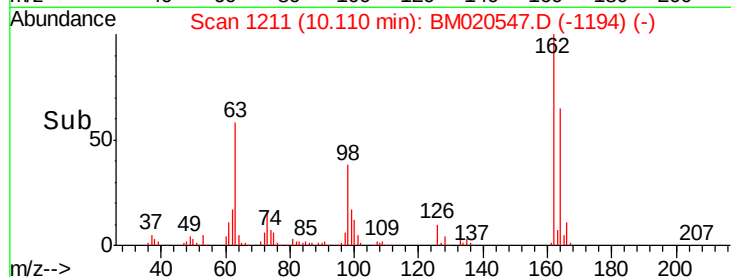
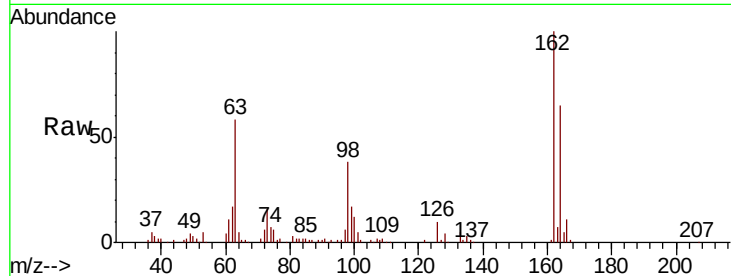
#29
2,4-Dichlorophenol
Concen: 64.460 ng
RT: 10.11 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampled :
SSTDIC060

Tot Ion:	162	Resp:	229673
Ion Ratio	Lower	Upper	
162	100		
164	64.8	43.1	83.1
98	37.5	16.2	56.2

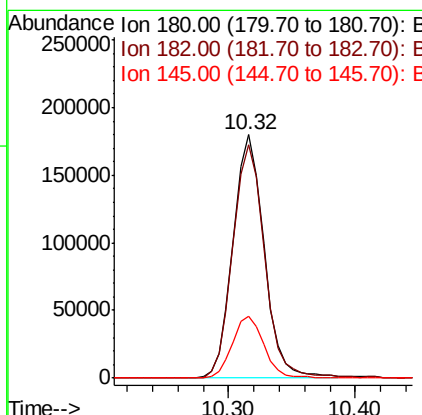
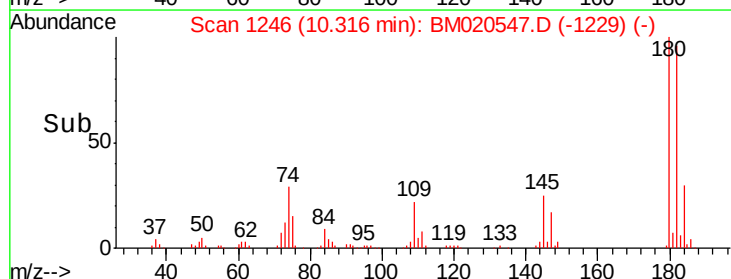
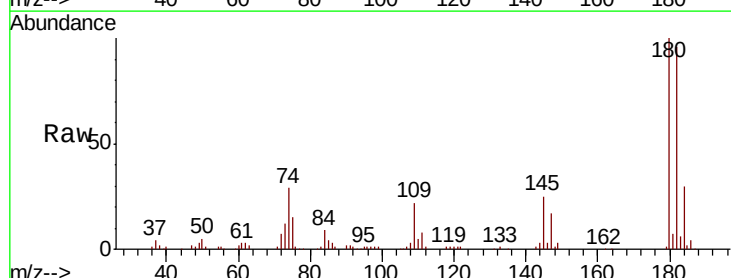
Manual Integrations
APPROVED

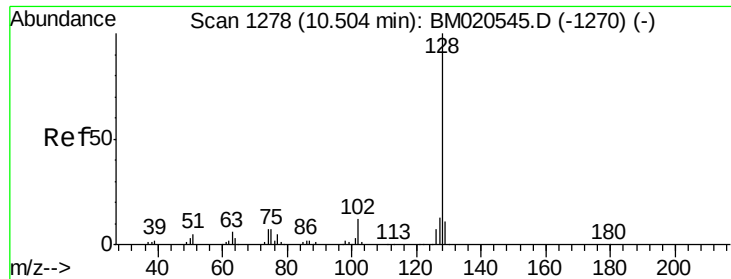
mohammad
5/27/2019 3:59:46 AM



#30
1,2,4-Trichlorobenzene
Concen: 70.129 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion:	180	Resp:	307454
Ion Ratio	Lower	Upper	
180	100		
182	95.9	78.8	118.2
145	25.4	21.3	31.9





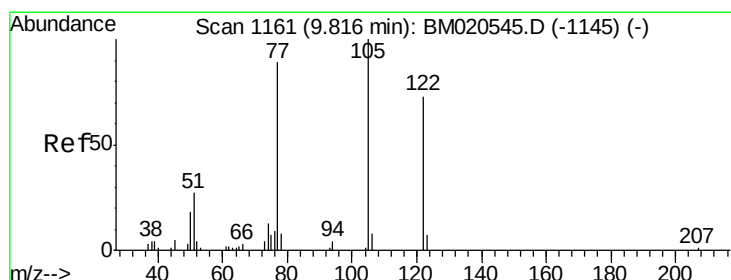
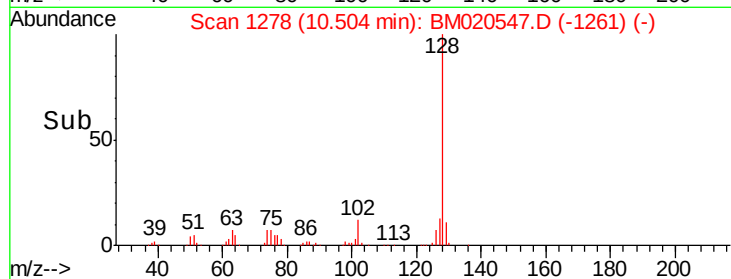
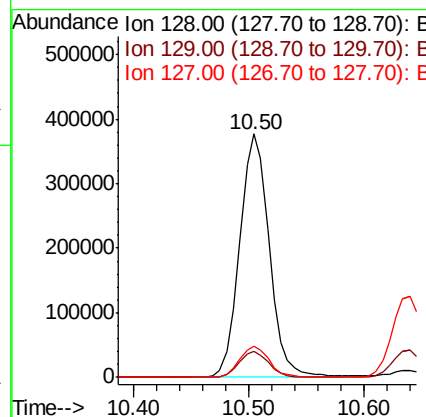
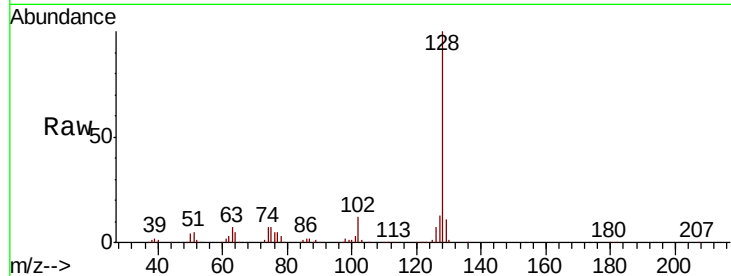
#31
Naphthalene
Concen: 60.378 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
128	100	670712		
129	10.9		9.0	13.6
127	12.9		10.4	15.6

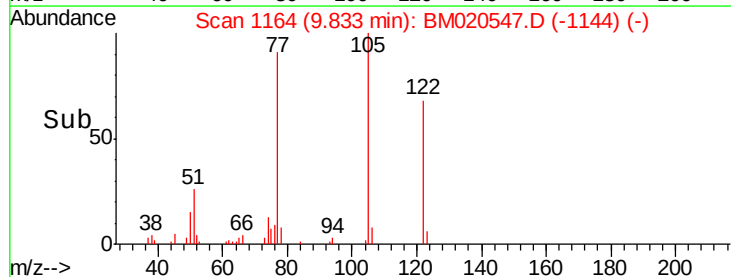
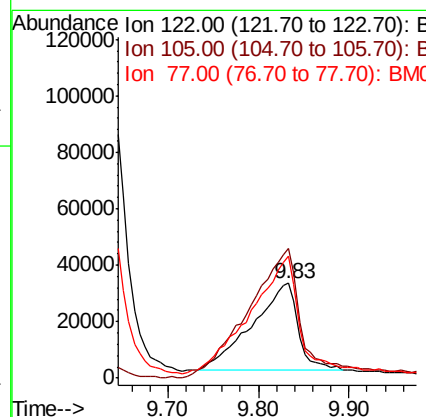
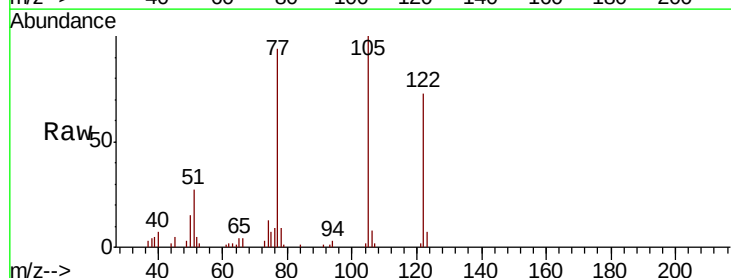
Manual Integrations
APPROVED

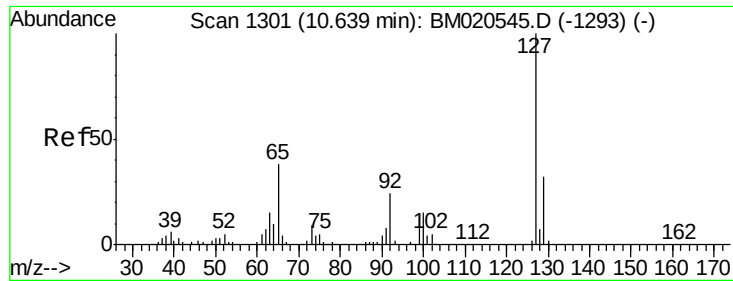
mohammad
5/27/2019 3:59:46 AM



#32
Benzoic acid
Concen: 58.462 ng
RT: 9.83 min Scan# 1164
Delta R.T. 0.02 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	109444		
105	137.2		108.8	148.8
77	128.4		97.8	137.8





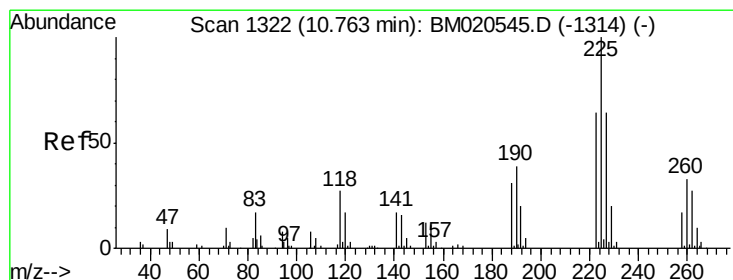
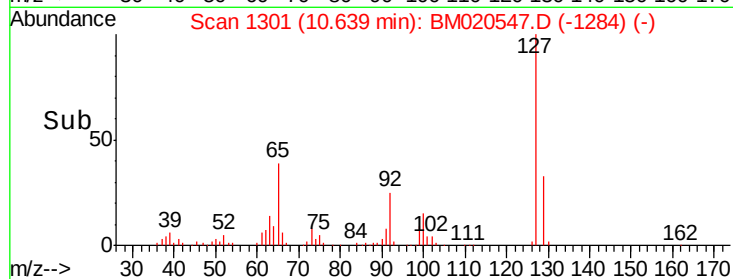
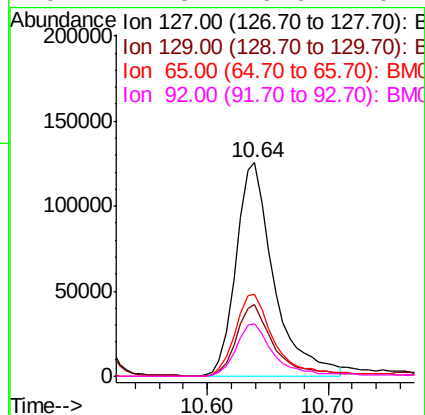
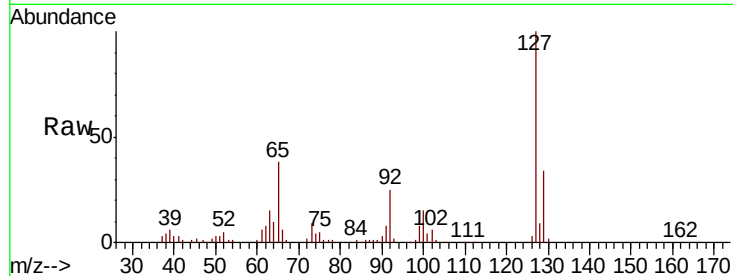
#33
 4-Chloroaniline
 Concen: 59.590 ng
 RT: 10.64 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	25.4	38.2	
65	38.3	30.6	45.8	
92	24.8	19.6	29.4	

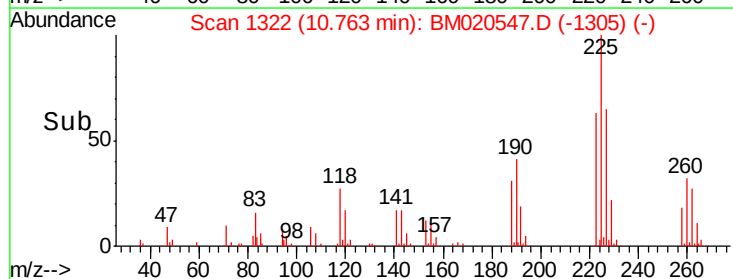
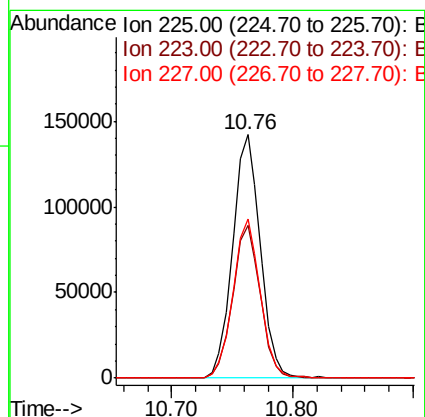
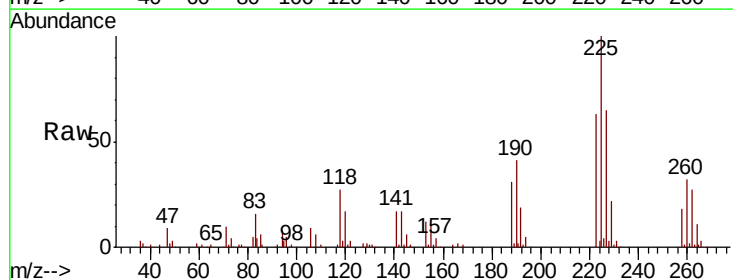
Manual Integrations
 APPROVED

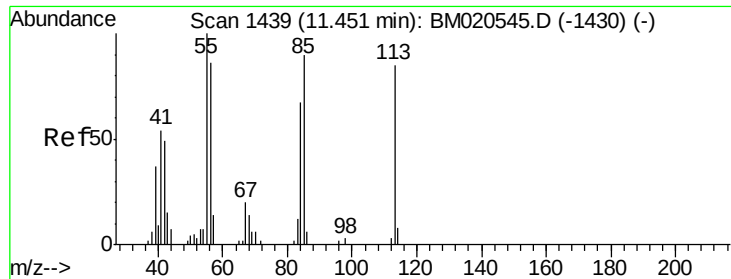
mohammad
 5/27/2019 3:59:46 AM



#34
 Hexachlorobutadiene
 Concen: 73.284 ng
 RT: 10.76 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	51.4	77.0	
227	65.2	51.0	76.6	





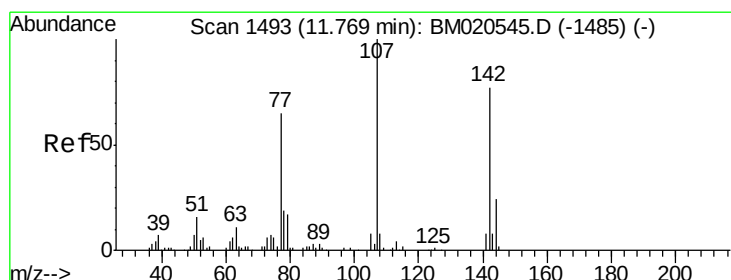
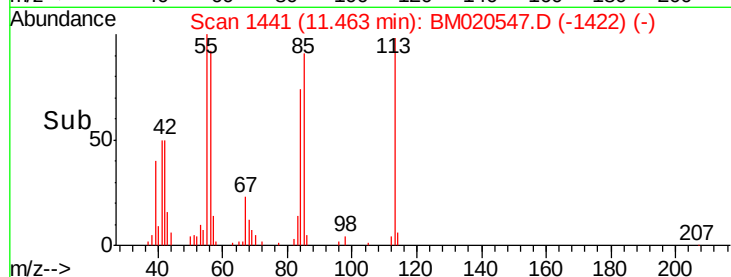
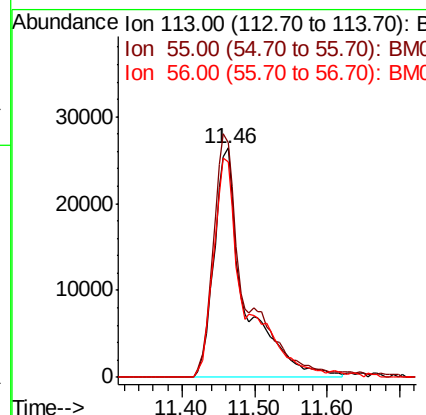
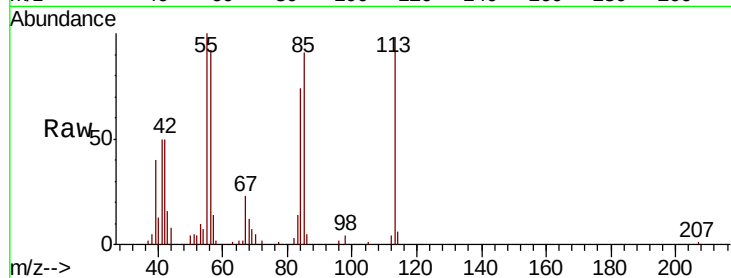
#35
Caprolactam
Concen: 73.050 ng/ml
RT: 11.46 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion:113 Resp: 77827
Ion Ratio Lower Upper
113 100
55 102.1 97.6 137.6
56 93.7 81.6 121.6

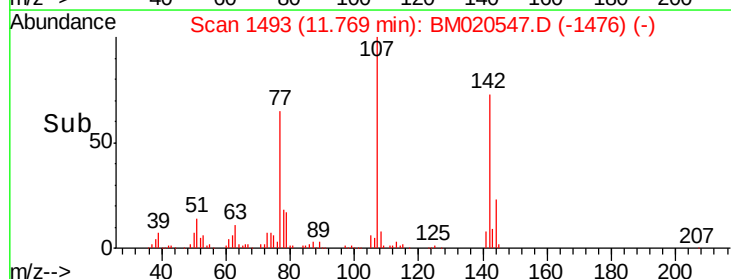
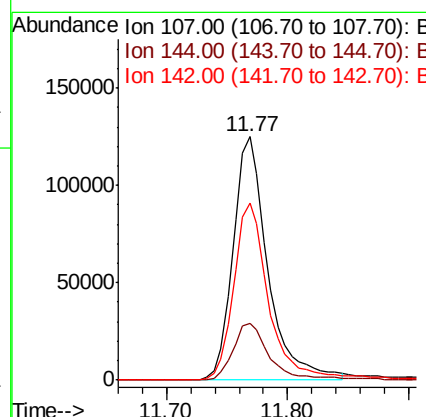
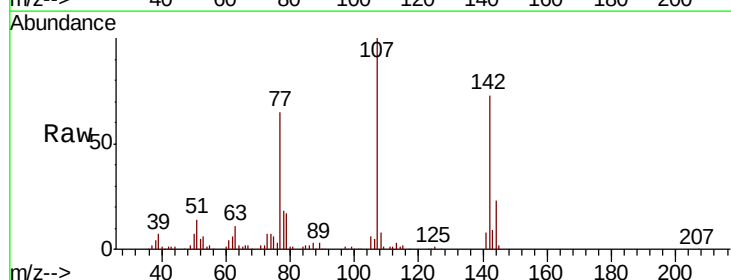
Manual Integrations
APPROVED

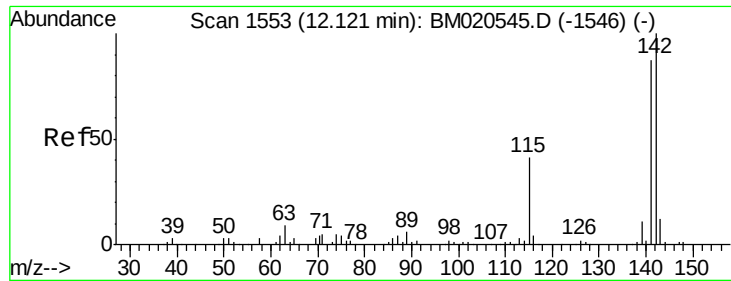
mohammad
5/27/2019 3:59:46 AM



#36
4-Chloro-3-methylphenol
Concen: 59.754 ng
RT: 11.77 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion:107 Resp: 250192
Ion Ratio Lower Upper
107 100
144 23.3 19.0 28.6
142 72.9 61.3 91.9





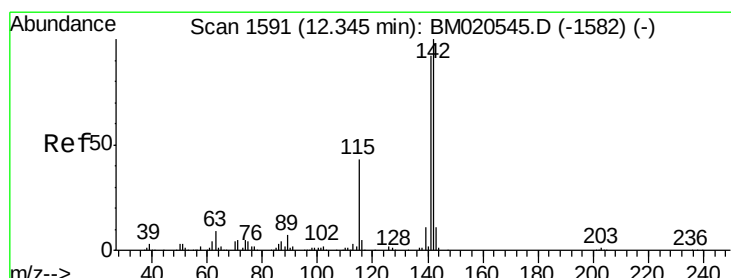
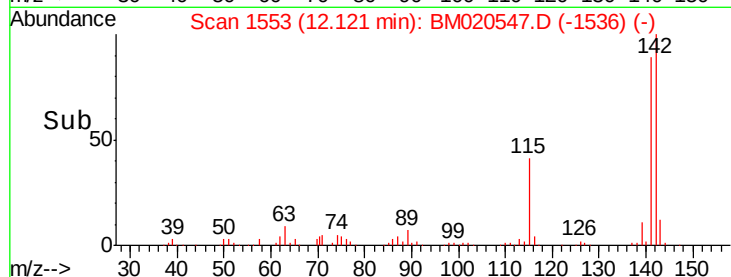
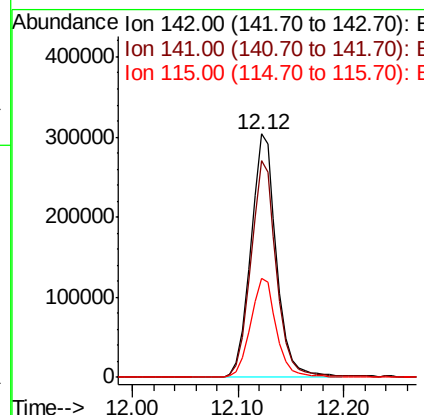
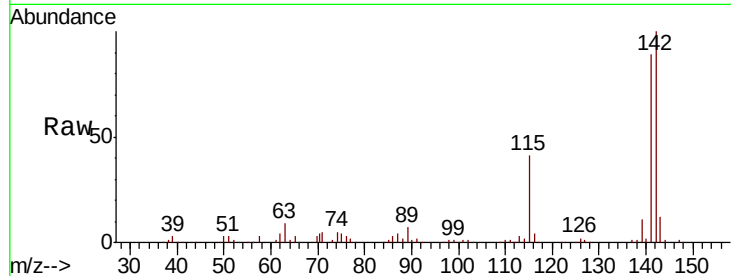
#37
2-Methylnaphthalene
Concen: 63.275 ng
RT: 12.12 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.9	104.9
115	40.6	32.9	49.3

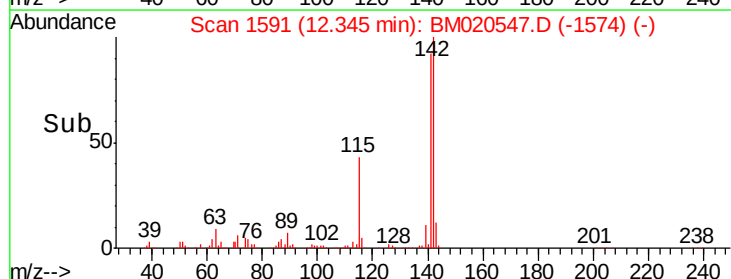
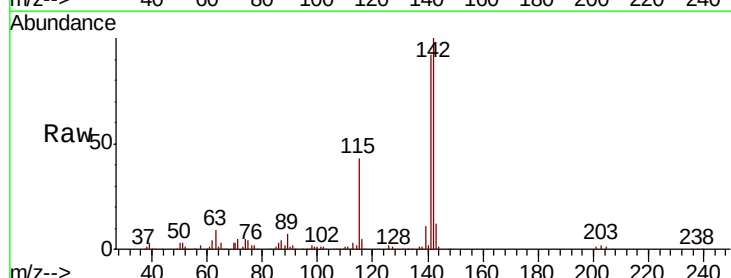
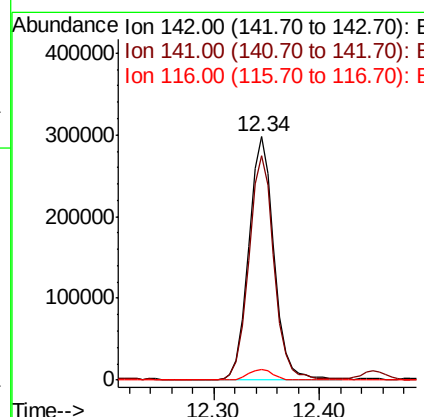
Manual Integrations
APPROVED

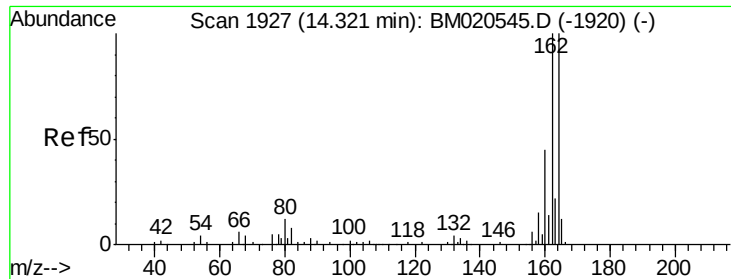
mohammad
5/27/2019 3:59:46 AM



#38
1-Methylnaphthalene
Concen: 61.889 ng
RT: 12.34 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5
116	4.6	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: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

ClientSampled :

SSTDICC060

Tot Ion:164 Resp: 154705

Ion Ratio Lower Upper

164 100

162 103.2 79.8 119.8

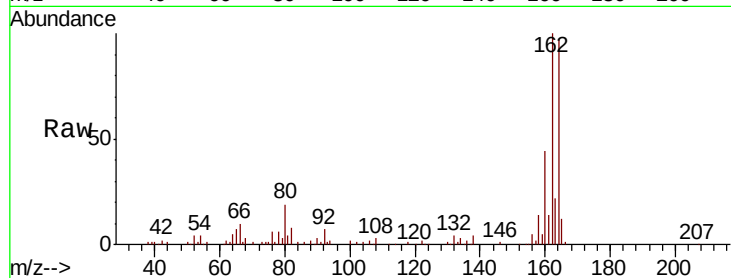
160 45.0 35.9 53.9

Manual Integrations

APPROVED

mohammad

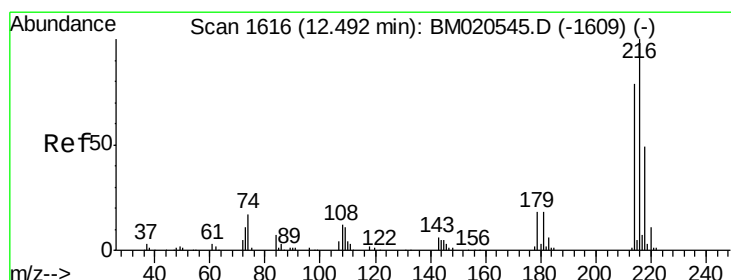
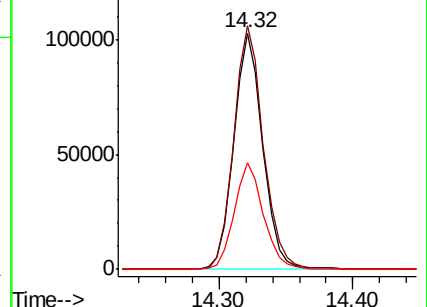
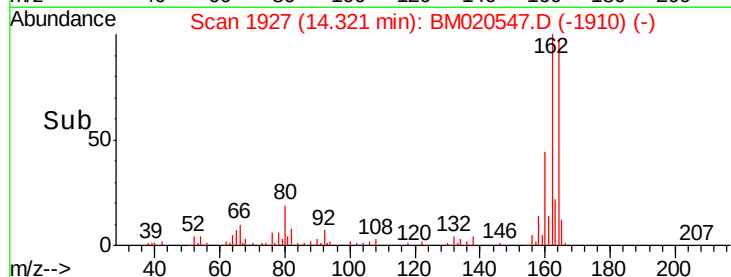
5/27/2019 3:59:46 AM



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: 66.261 ng

RT: 12.49 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Tgt Ion:216 Resp: 401056

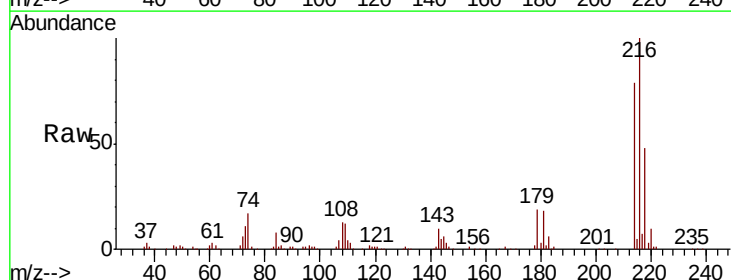
Ion Ratio Lower Upper

216 100

214 77.4 63.0 94.6

179 18.7 14.8 22.2

108 13.0 10.5 15.7

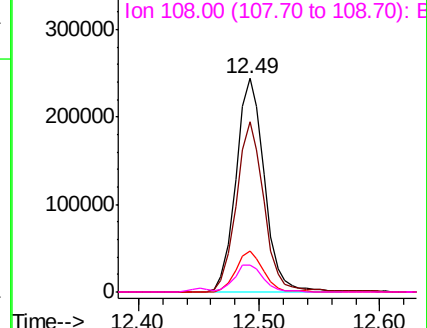
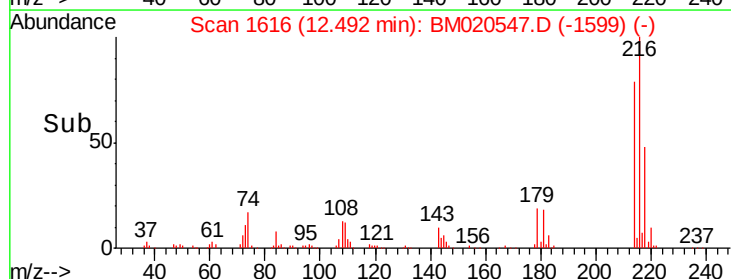


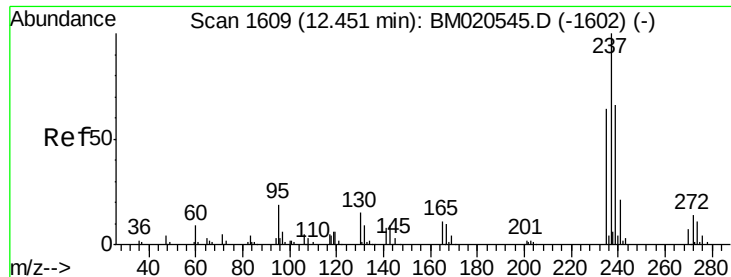
Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.598 ng

RT: 12.46 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

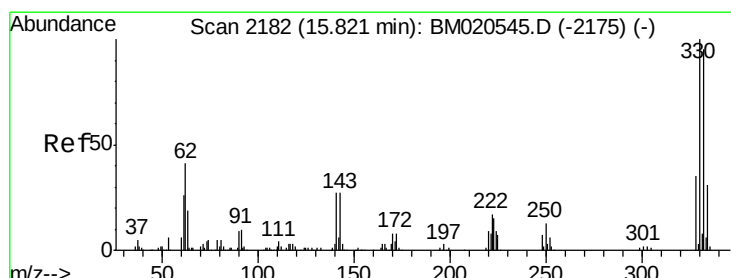
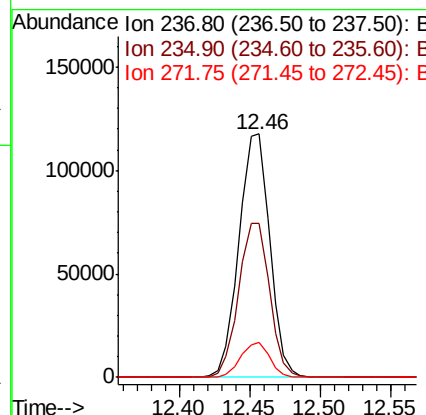
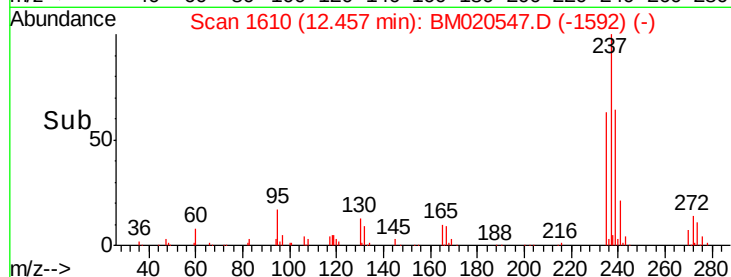
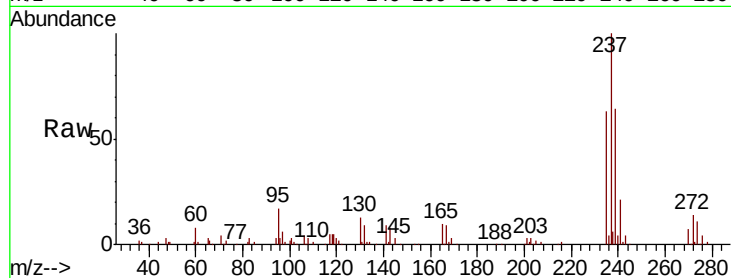
ClientSampleId :

SSTDICC060

Tot Ion:	237	Resp:	180321
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.5	83.5
272	14.3	0.0	33.9

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM



#42

2,4,6-Tribromophenol

Concen: 162.312 ng

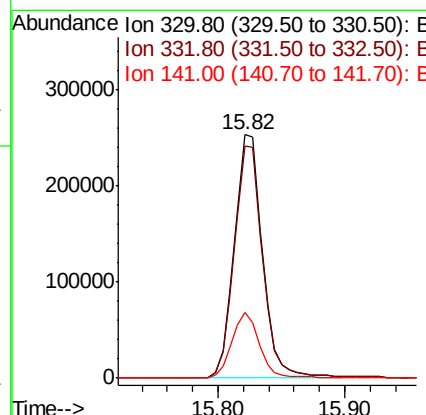
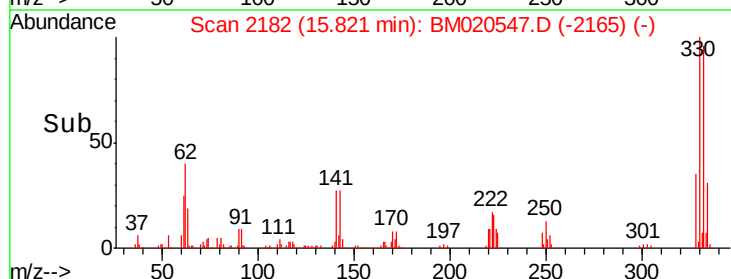
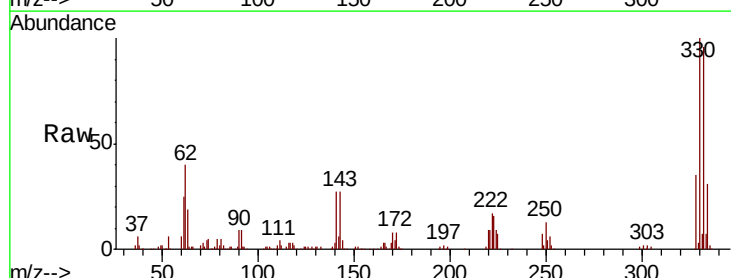
RT: 15.82 min Scan# 2182

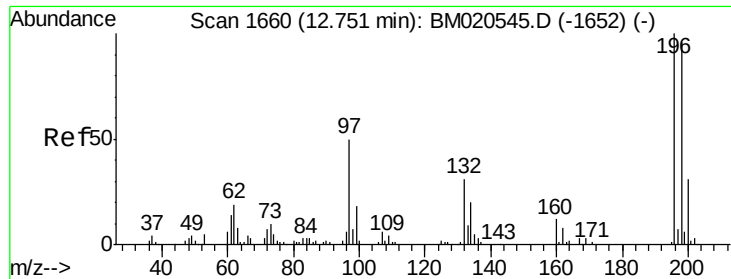
Delta R.T. 0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Tgt Ion:	330	Resp:	389763
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.5	116.3
141	26.5	21.7	32.5





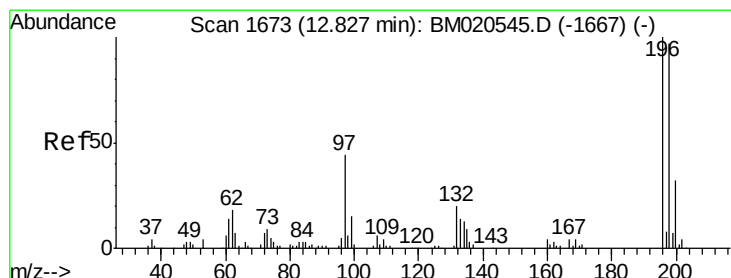
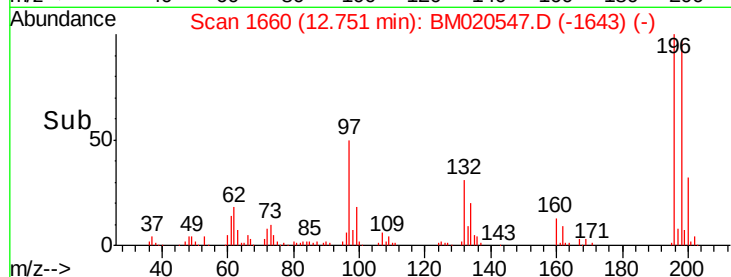
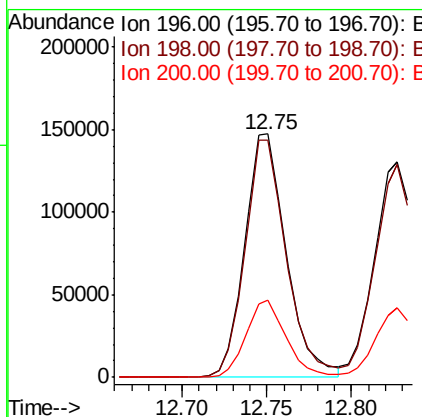
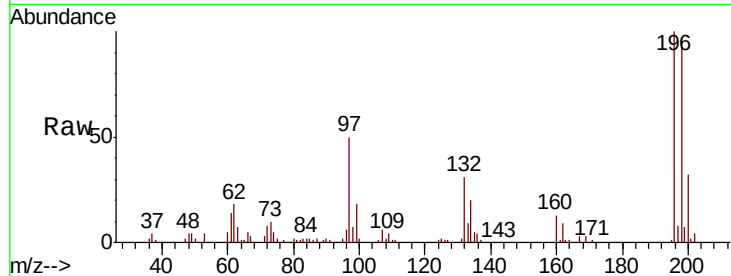
#43
 2,4,6-Trichlorophenol
 Concen: 73.522 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252908		
198	97.3	76.4	114.6	
200	31.7	25.0	37.4	

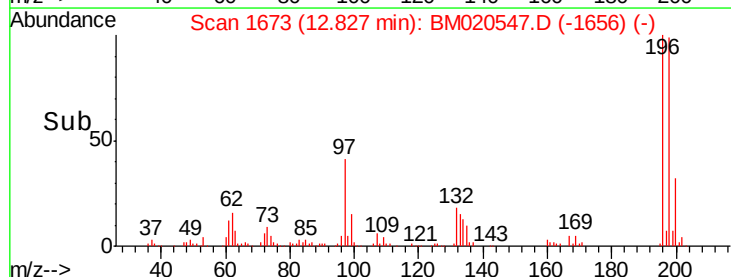
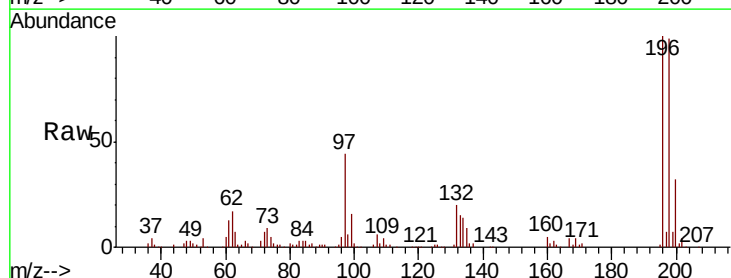
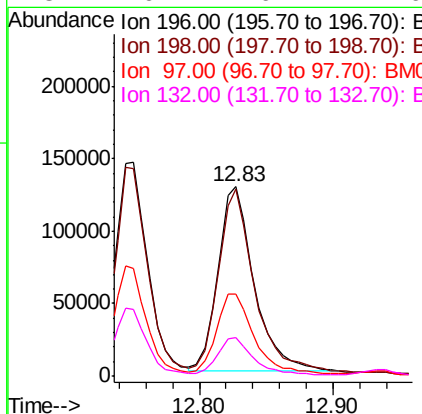
Manual Integrations
 APPROVED

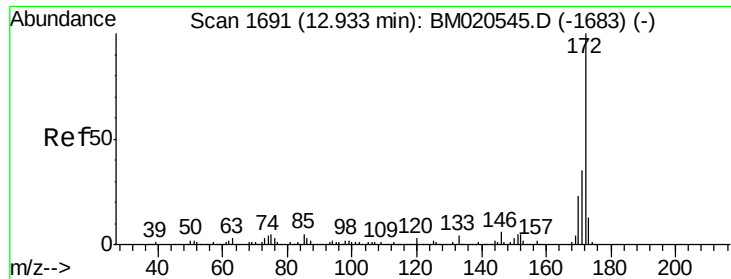
mohammad
 5/27/2019 3:59:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 62.979 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242018		
198	98.8	77.6	116.4	
97	43.5	35.4	53.0	
132	20.1	16.4	24.6	





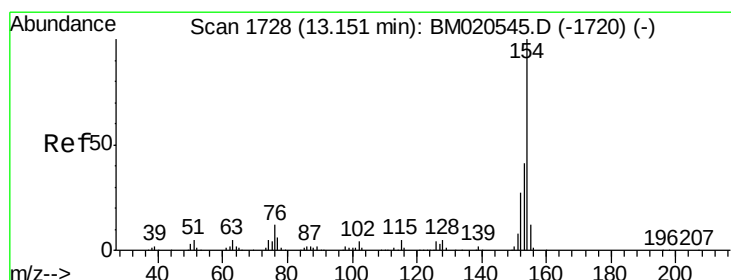
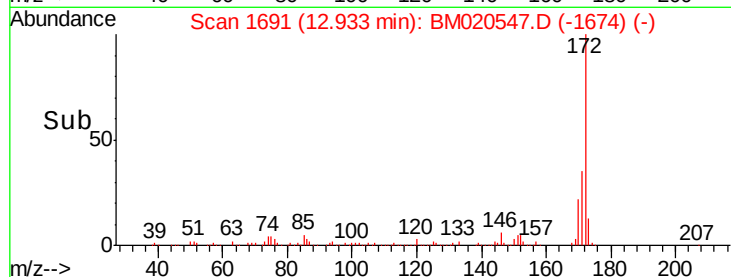
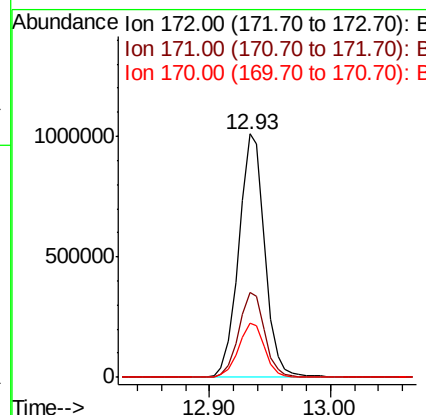
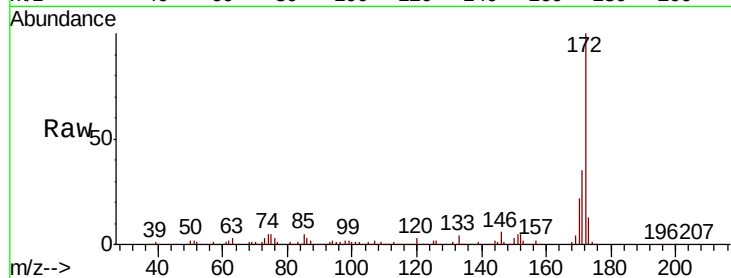
#45
2-Fluorobiphenyl
Concen: 120.752 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	22.2	18.2	27.4

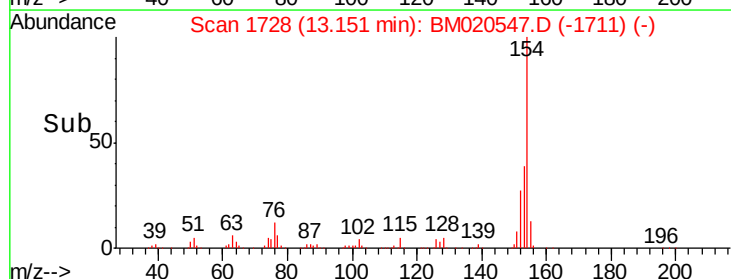
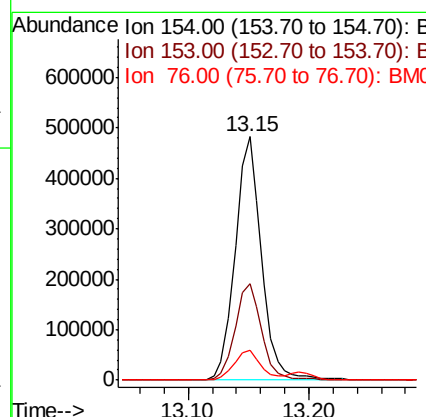
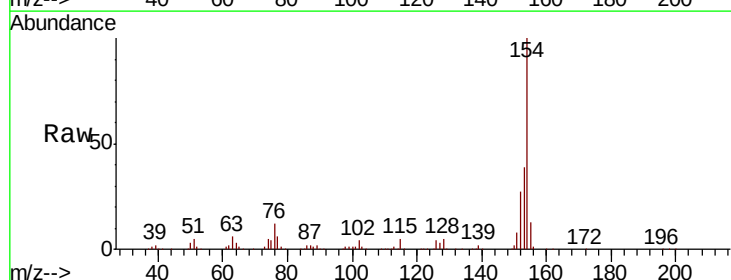
Manual Integrations
APPROVED

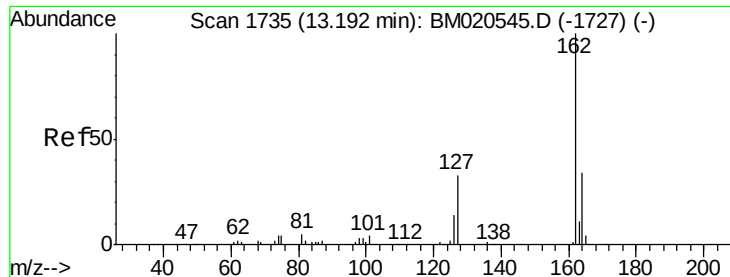
mohammad
5/27/2019 3:59:46 AM



#46
1,1'-Biphenyl
Concen: 57.293 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.6	60.6
76	12.2	0.0	32.2





#47

2-Chloronaphthalene

Concen: 60.978 ng

RT: 13.19 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

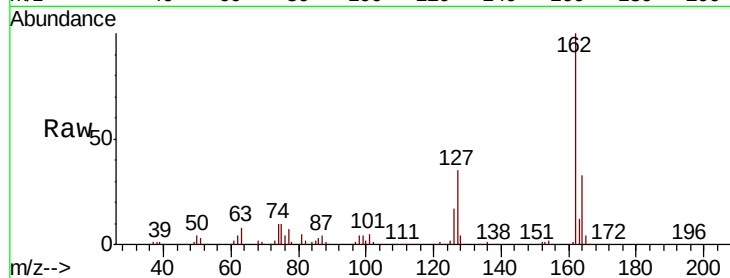
ClientSampleId :

SSTDICC060

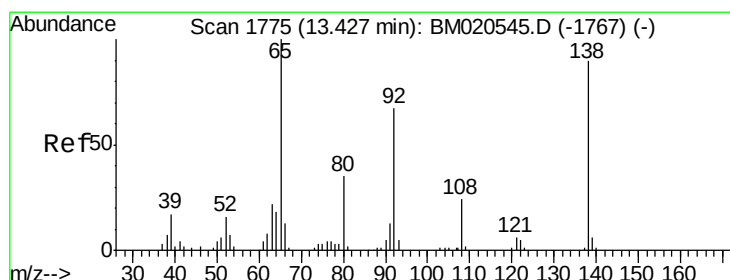
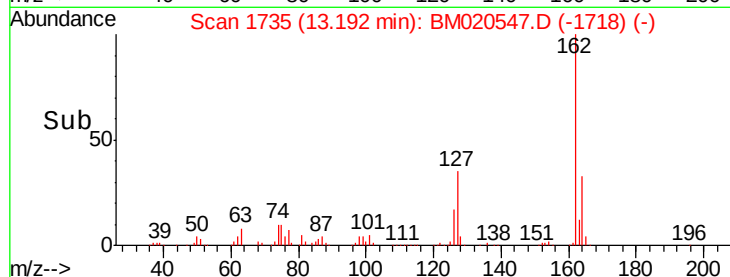
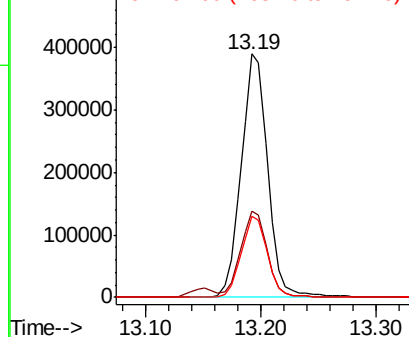
Tot Ion:	162	Resp:	619955
Ion Ratio		Lower	Upper
162	100		
127	35.3	29.2	43.8
164	33.4	27.4	41.2

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 53.700 ng

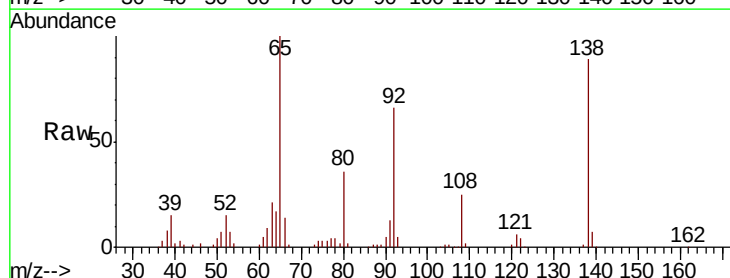
RT: 13.43 min Scan# 1775

Delta R.T. -0.00 min

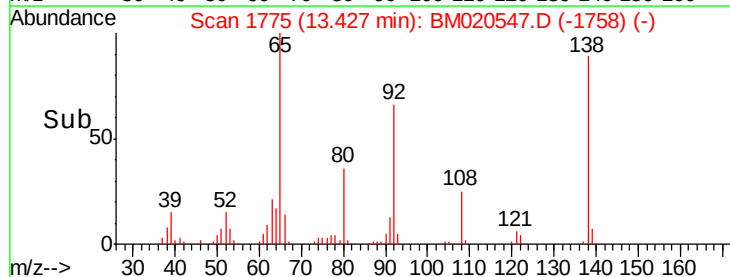
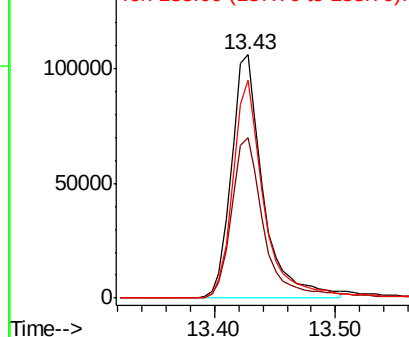
Lab File: BM020547.D

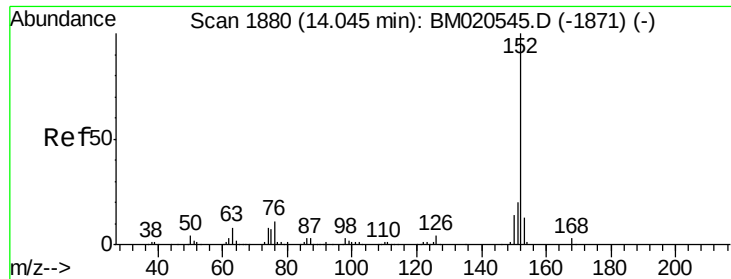
Acq: 24 May 2019 13:59

Tgt Ion:	65	Resp:	194370
Ion Ratio		Lower	Upper
65	100		
92	66.1	53.6	80.4
138	89.3	72.0	108.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 58.157 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

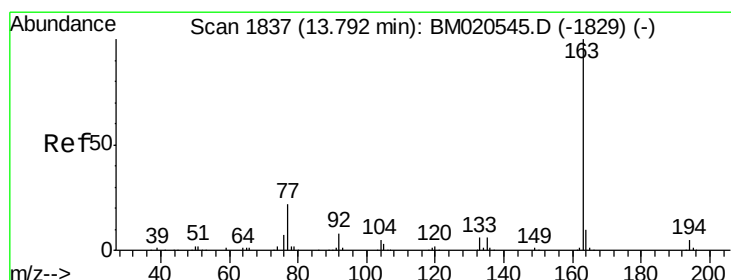
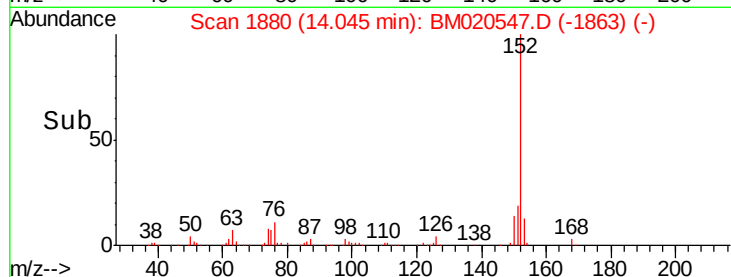
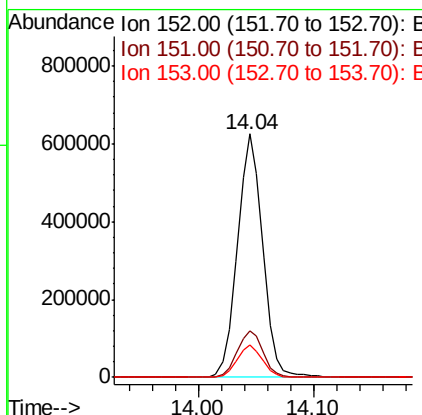
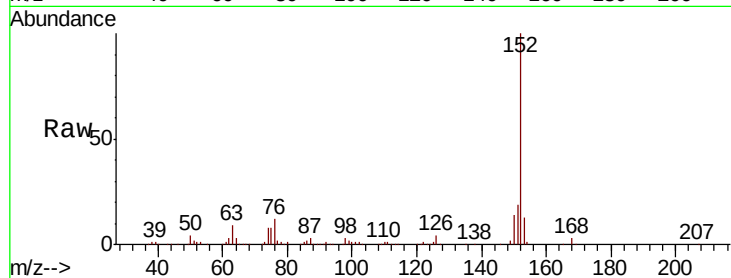
ClientSampleId :

SSTDICC060

Tot Ion:	152	Resp:	946274
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.7	23.5
153	13.1	10.2	15.2

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM



#50

Dimethylphthalate

Concen: 64.590 ng

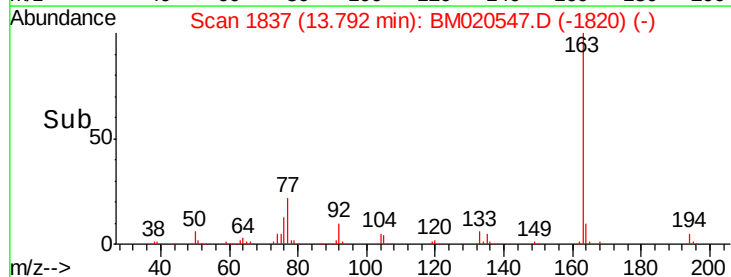
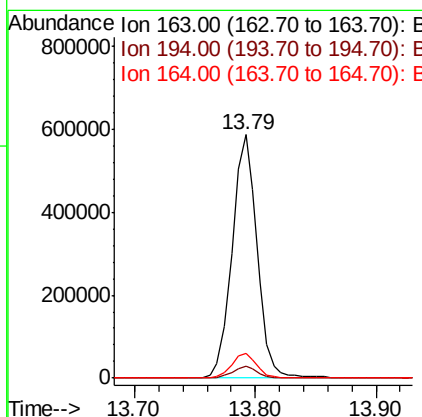
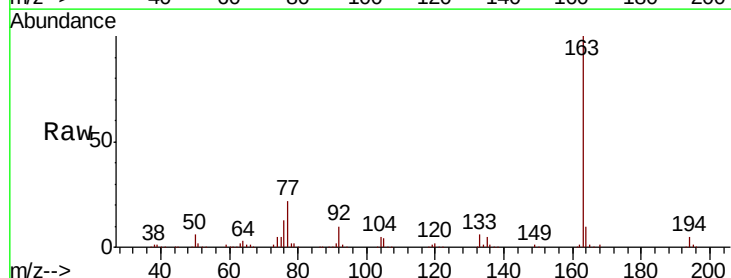
RT: 13.79 min Scan# 1837

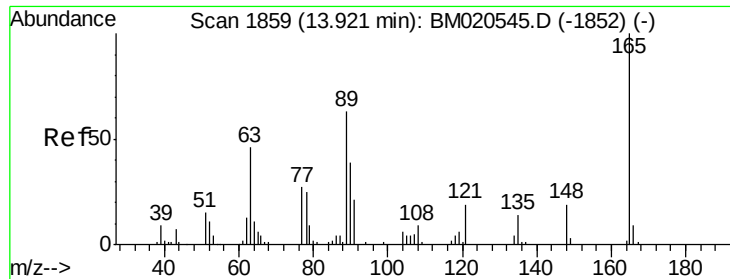
Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Tgt Ion:	163	Resp:	849282
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.9	5.9
164	10.0	8.0	12.0





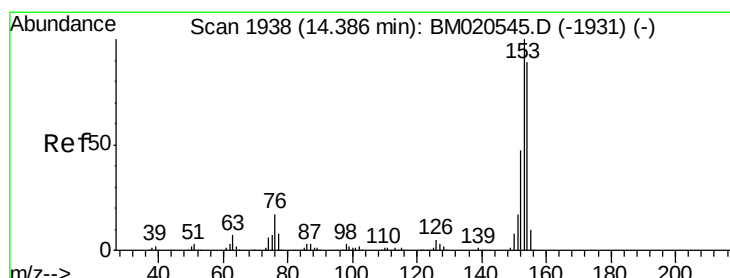
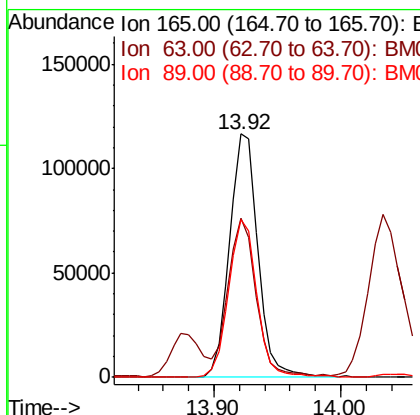
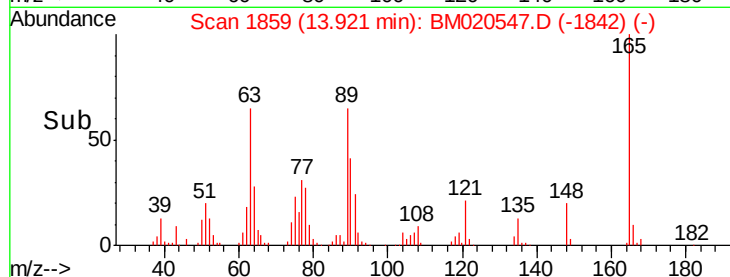
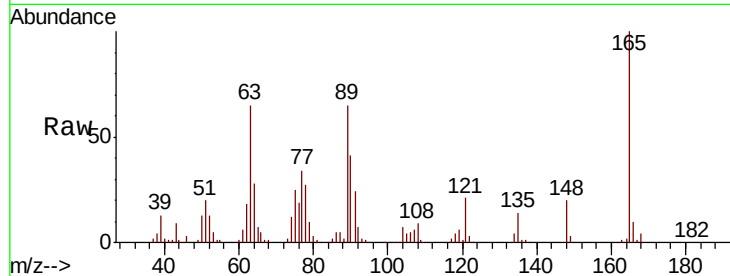
#51
2,6-Dinitrotoluene
Concen: 65.018 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		180061		
63	65.3	49.6	74.4		
89	64.6	50.8	76.2		

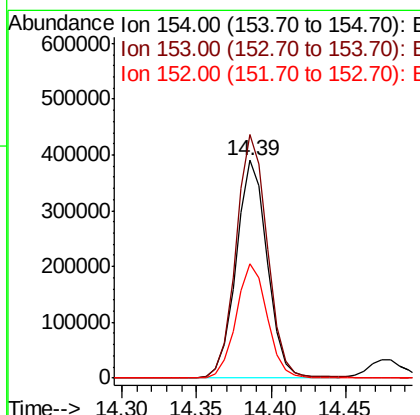
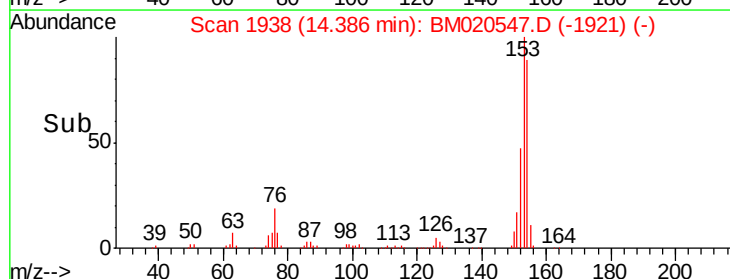
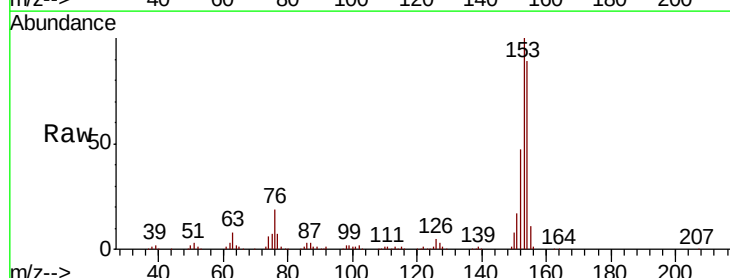
Manual Integrations
APPROVED

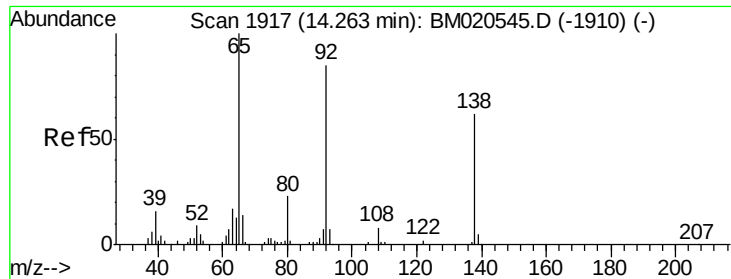
mohammad
5/27/2019 3:59:46 AM



#52
Acenaphthene
Concen: 60.739 ng
RT: 14.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		566735		
153	111.8	90.2	135.4		
152	52.7	42.0	63.0		





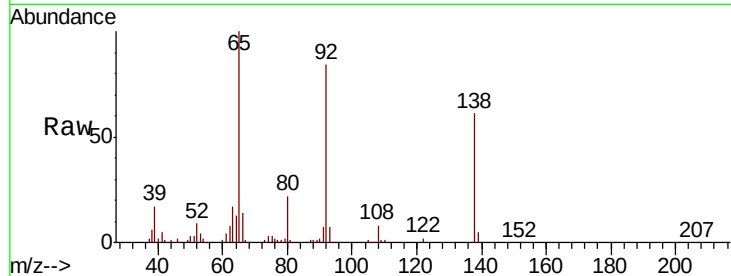
#53
3-Nitroaniline
Concen: 60.616 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
138	100	155804		
108	12.4	10.1	15.1	
92	138.1	109.5	164.3	

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM

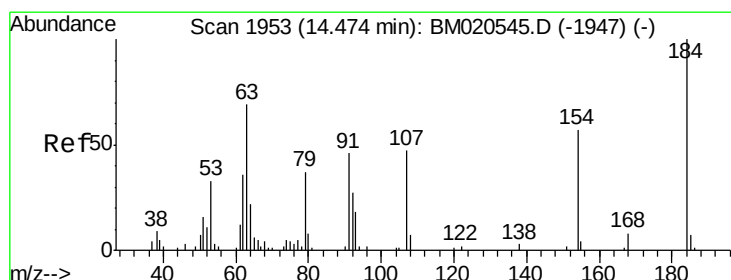
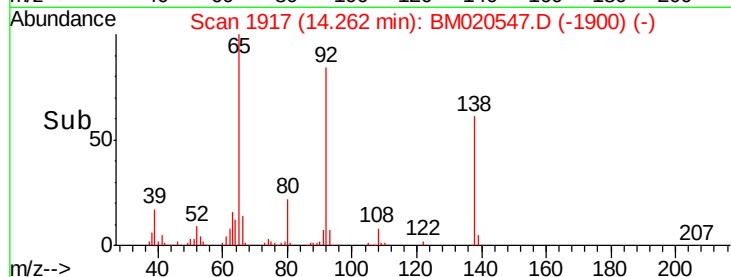
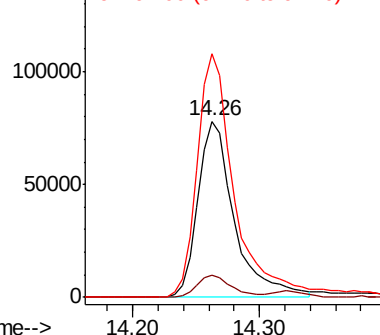


Abundance

Ion 138.00 (137.70 to 138.70): E

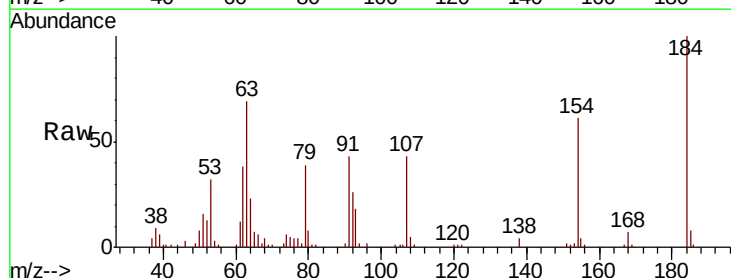
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 87.334 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	102294		
63	68.9	56.3	84.5	
154	61.4	49.0	73.6	

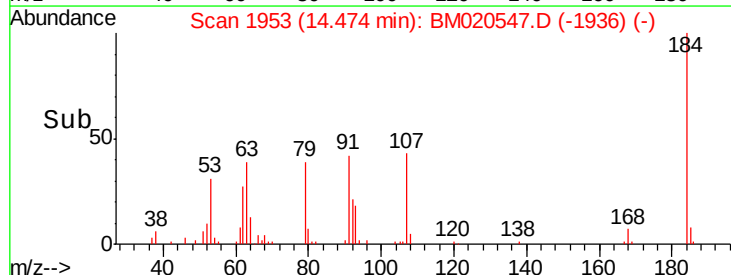
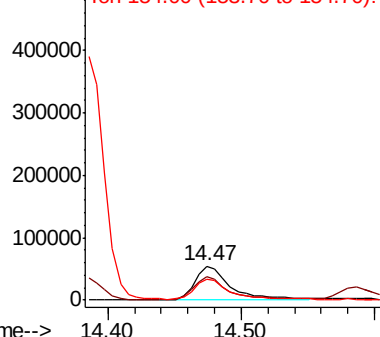


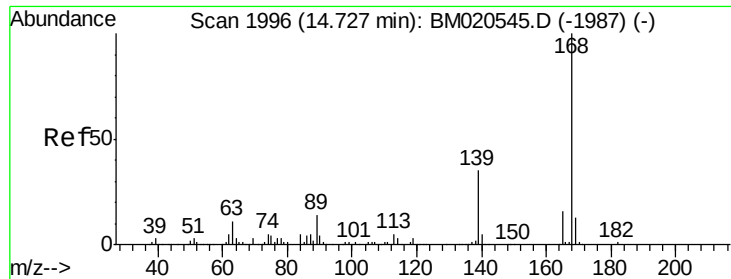
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





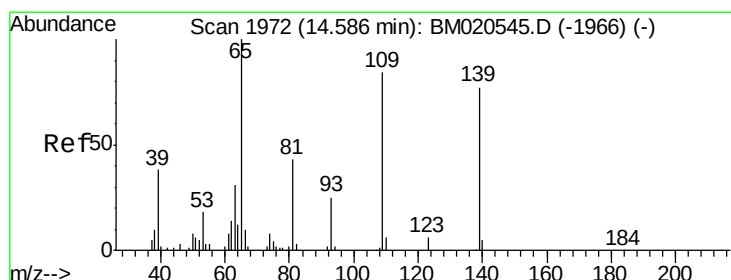
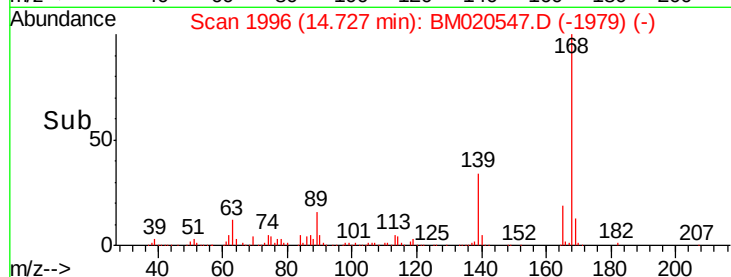
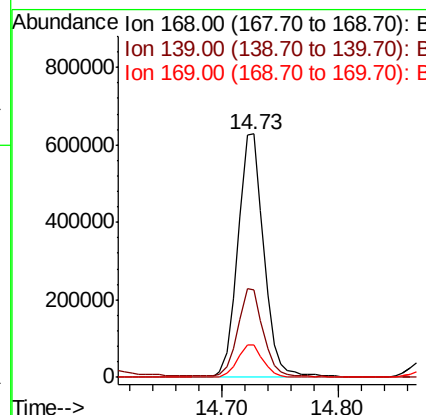
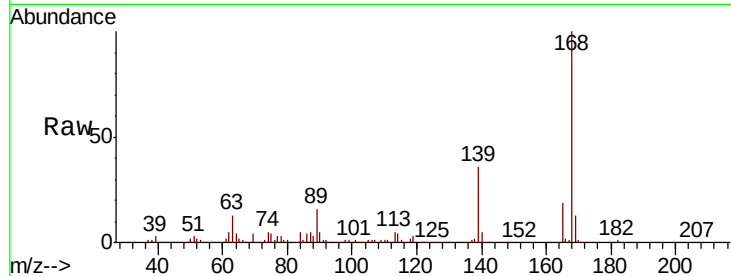
#55
 Dibenzofuran
 Concen: 62.337 ng
 RT: 14.73 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

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

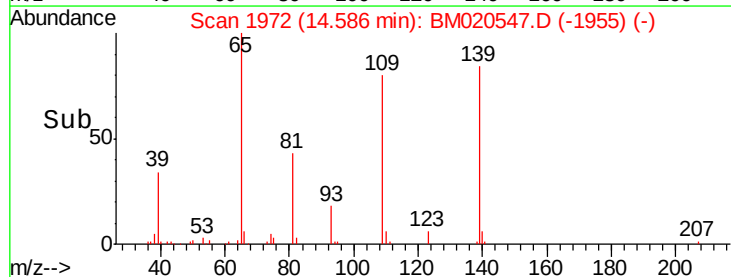
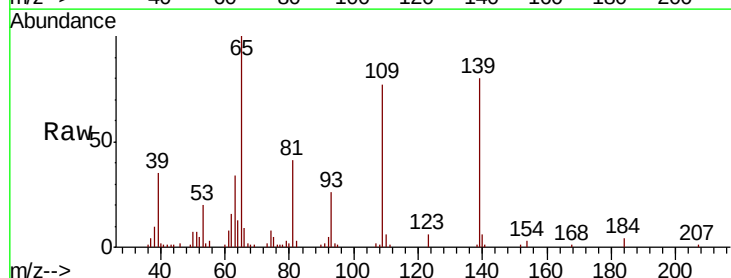
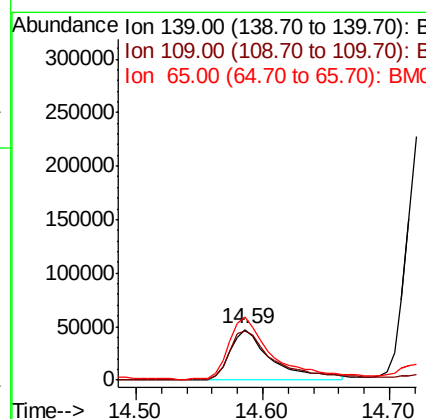
Manual Integrations
 APPROVED

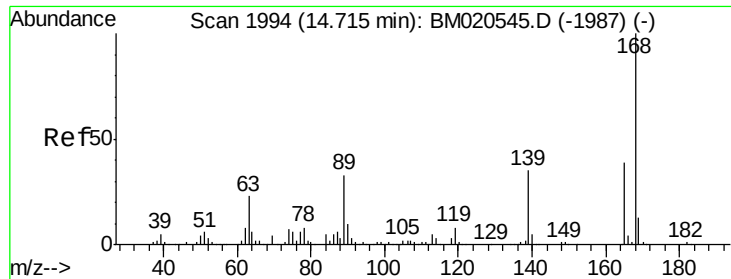
mohammad
 5/27/2019 3:59:46 AM



#56
 4-Nitrophenol
 Concen: 49.656 ng
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.8	89.4	129.4
65	124.9	113.3	153.3





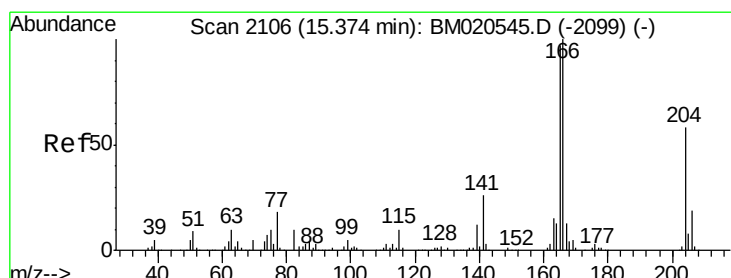
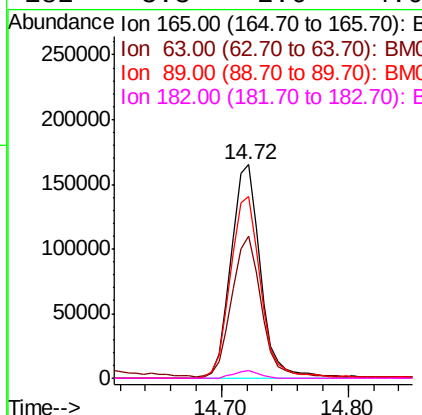
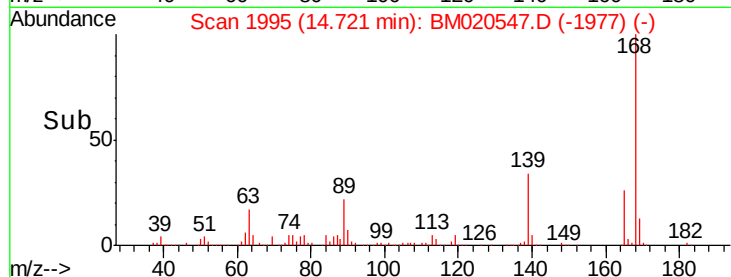
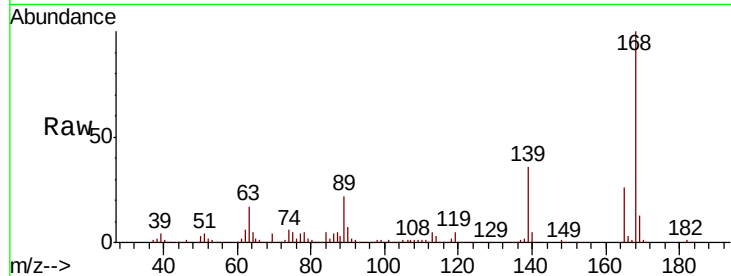
#57
 2,4-Dinitrotoluene
 Concen: 70.559 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. 0.01 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	265522		
63	66.3	48.7	73.1	
89	85.2	68.8	103.2	
182	3.3	2.6	4.0	

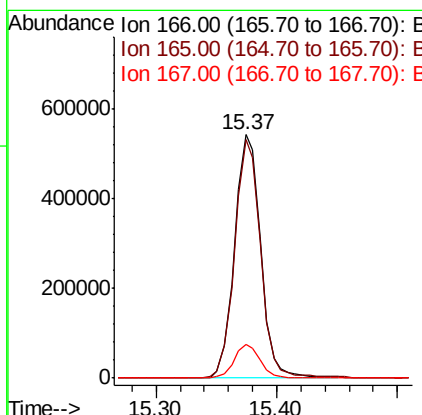
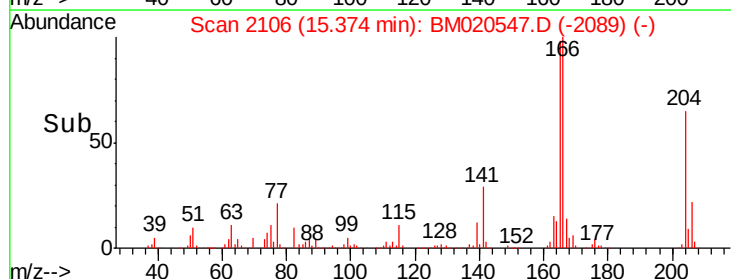
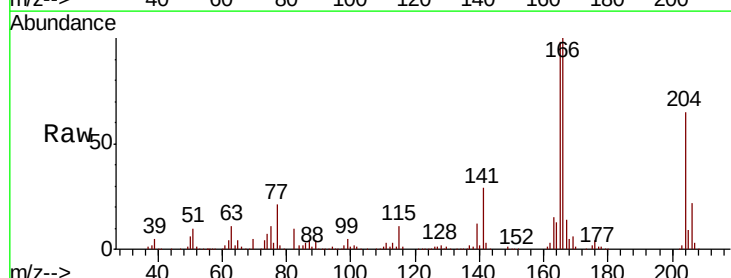
Manual Integrations
 APPROVED

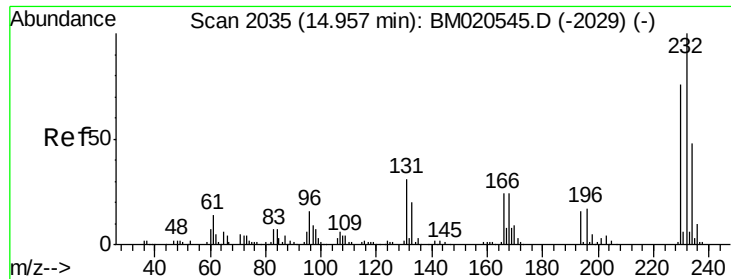
mohammad
 5/27/2019 3:59:46 AM



#58
 Fluorene
 Concen: 63.442 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	820041		
165	97.8	77.4	116.0	
167	13.6	10.6	16.0	





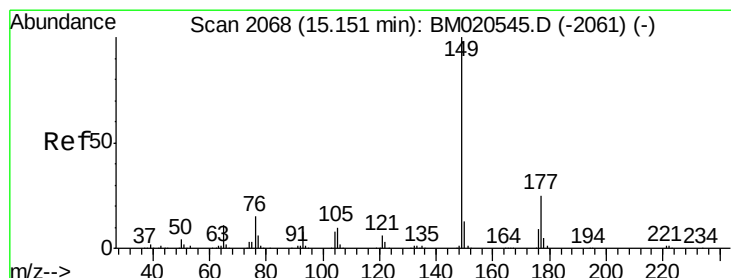
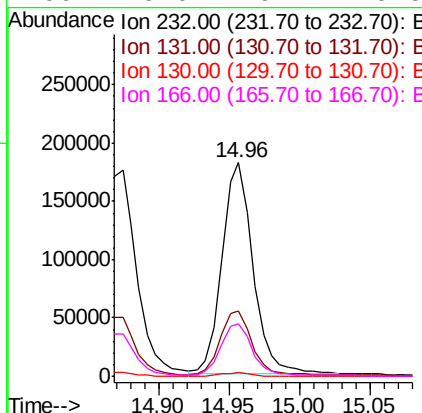
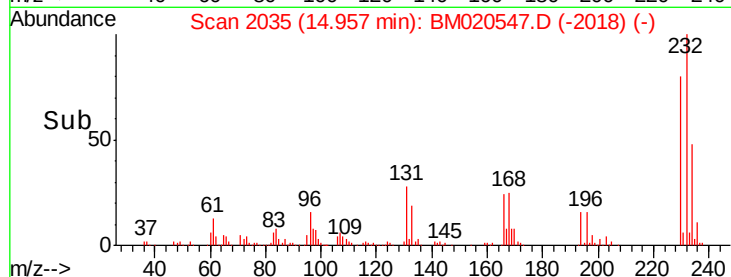
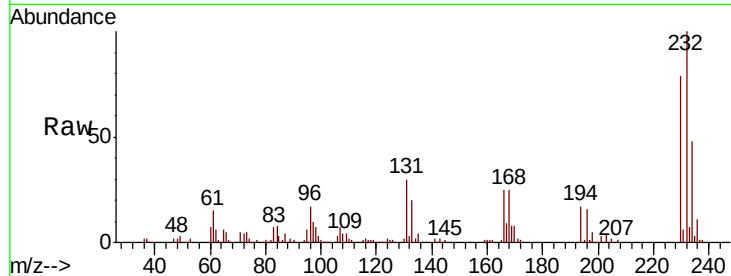
#59
2,3,4,6-Tetrachlorophenol
Concen: 75.113 ng
RT: 14.96 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
232	100	274302		
131	31.5	25.4	38.0	
130	1.7	1.5	2.3	
166	25.0	19.7	29.5	

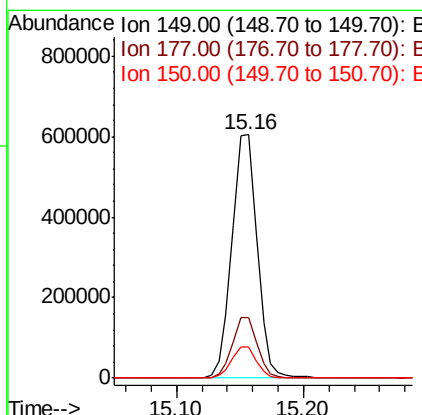
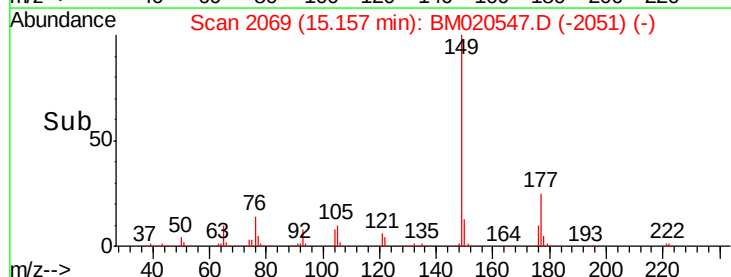
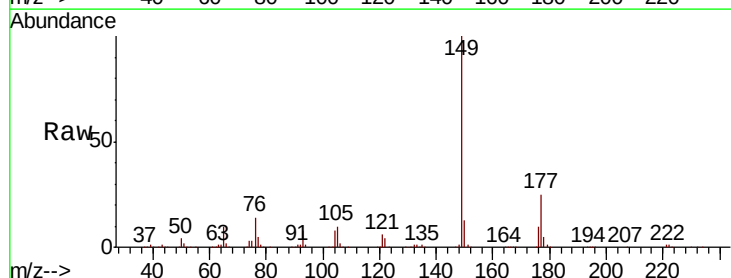
Manual Integrations
APPROVED

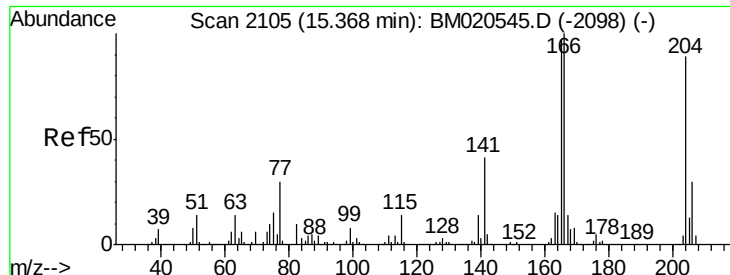
mohammad
5/27/2019 3:59:46 AM



#60
Diethylphthalate
Concen: 63.074 ng
RT: 15.16 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	835546		
177	24.9	19.8	29.8	
150	12.6	10.2	15.2	





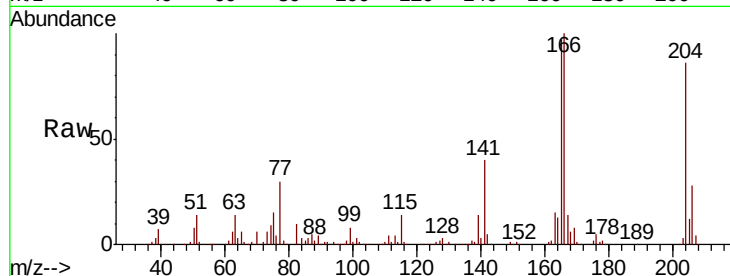
#61
4-Chlorophenyl-phenylether
Concen: 71.181 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	40.0
141	47.0	36.9	55.3

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM

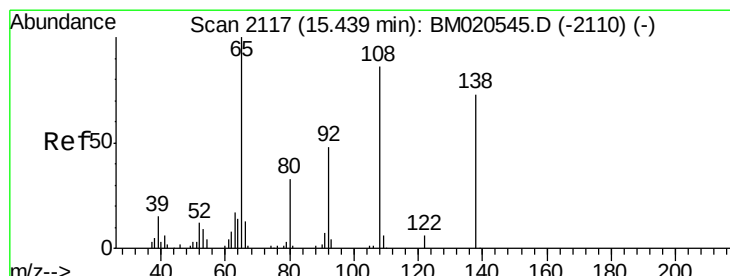
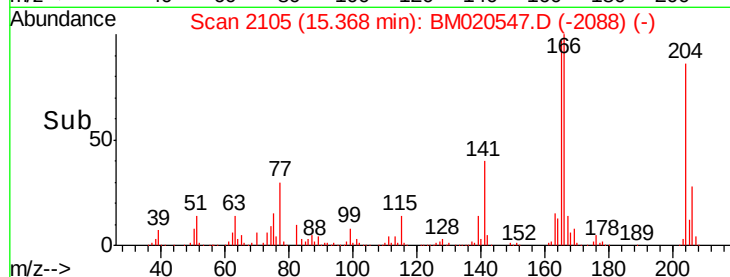
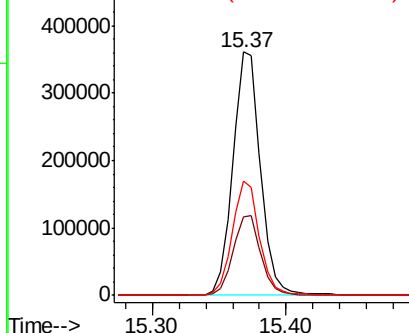


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 54.733 ng
RT: 15.44 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

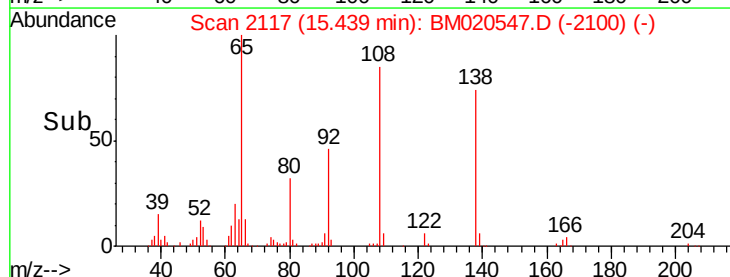
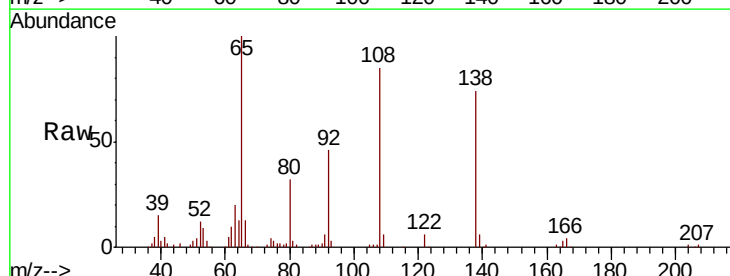
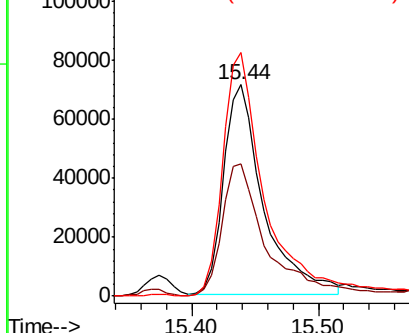
Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.5	44.5	84.5
108	115.3	95.9	135.9

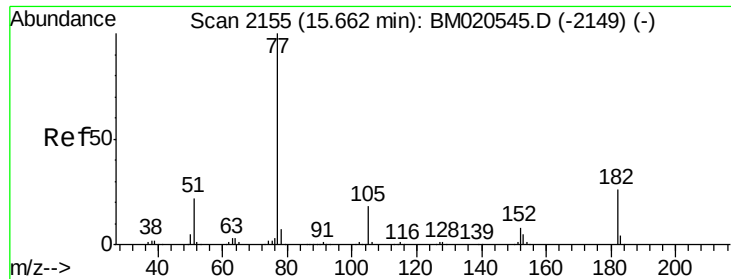
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





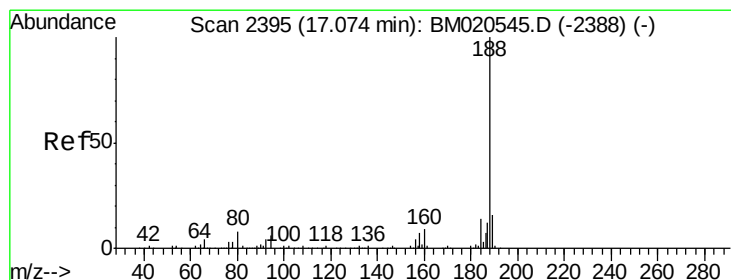
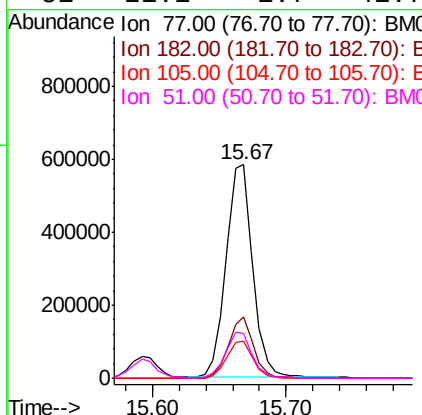
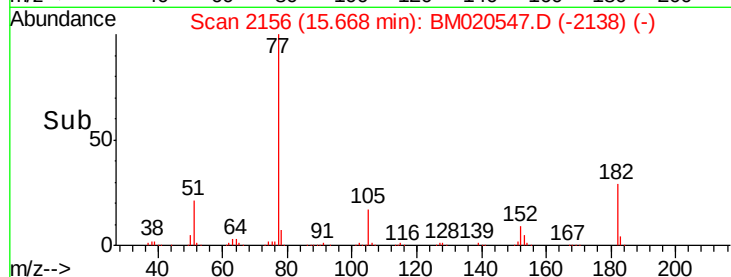
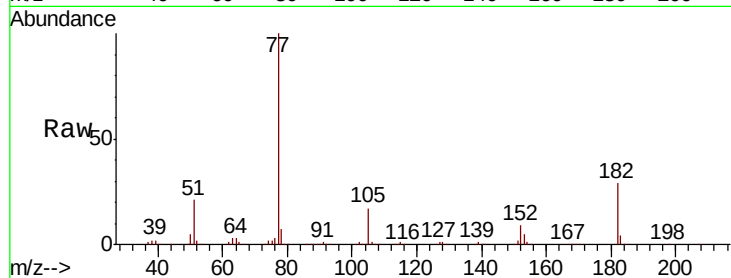
#63
Azobenzene
Concen: 52.605 ng
RT: 15.67 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		822111		
182	28.7	5.7	45.7		
105	17.4	0.0	37.6		
51	21.1	1.7	41.7		

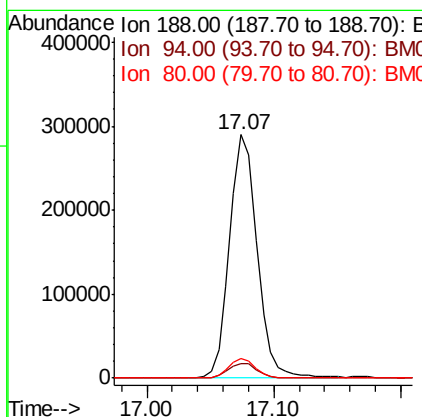
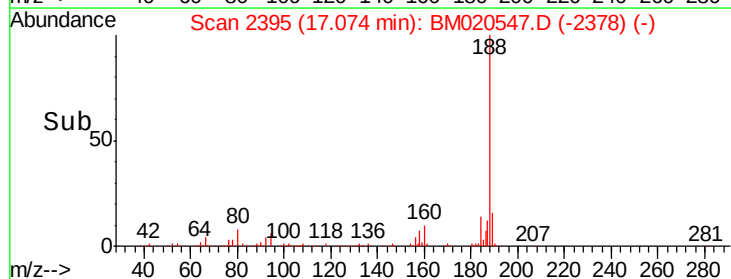
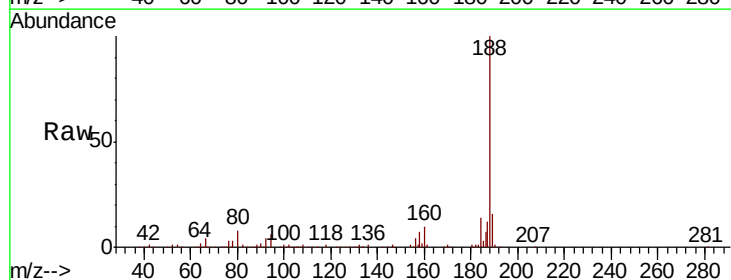
Manual Integrations
APPROVED

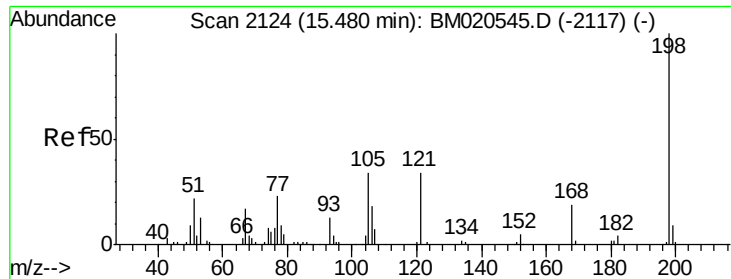
mohammad
5/27/2019 3:59:46 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		437304		
94	6.1	5.0	7.4		
80	8.3	6.5	9.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 81.612 ng

RT: 15.48 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:198 Resp: 167476

Ion Ratio Lower Upper

198 100

51 27.9 6.4 46.4

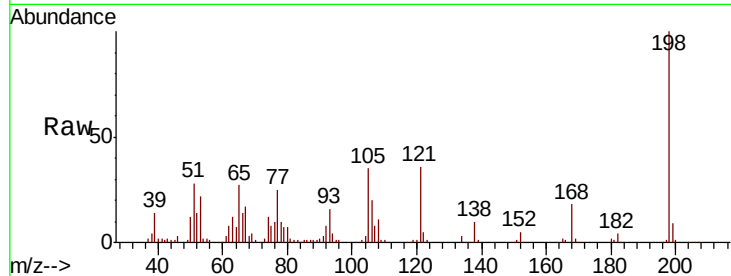
105 34.9 15.1 55.1

Manual Integrations

APPROVED

mohammad

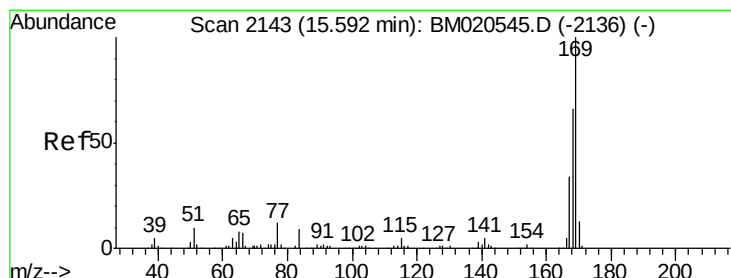
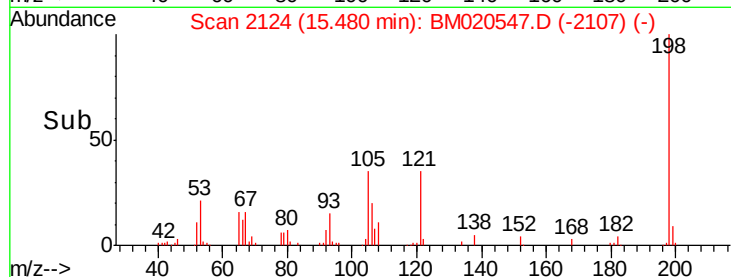
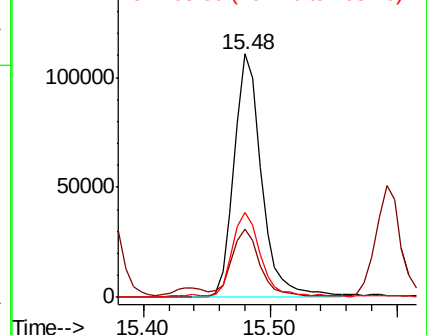
5/27/2019 3:59:46 AM



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: 55.707 ng

RT: 15.59 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

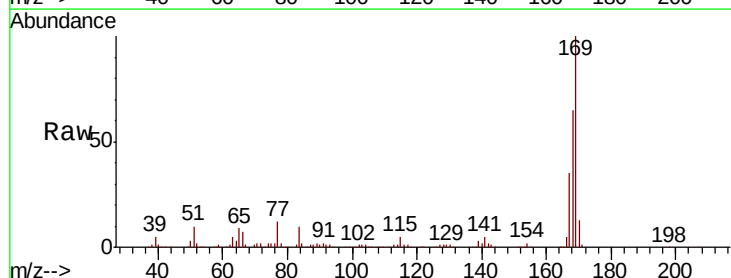
Tgt Ion:169 Resp: 716835

Ion Ratio Lower Upper

169 100

168 65.5 52.5 78.7

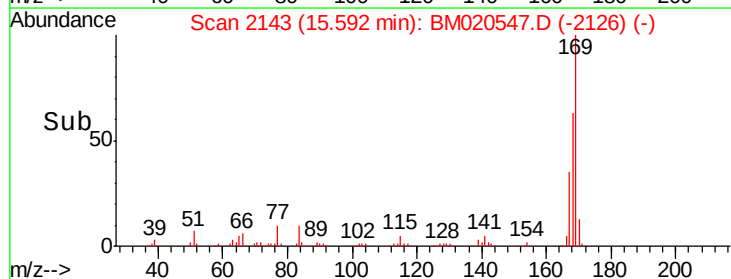
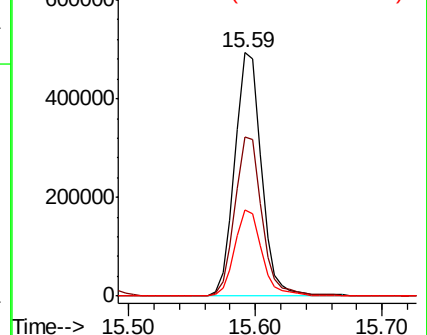
167 35.2 27.5 41.3

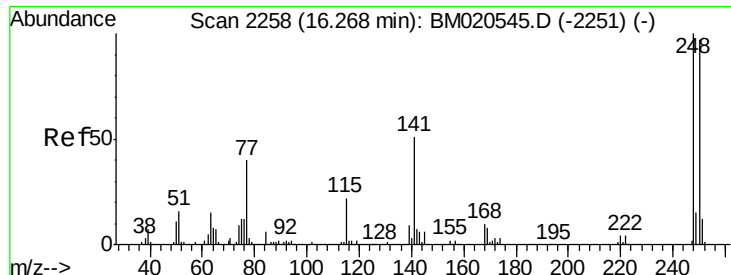


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





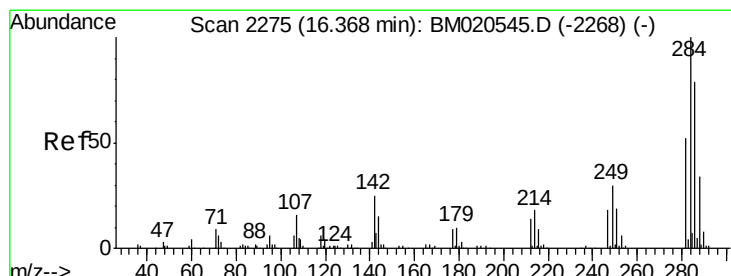
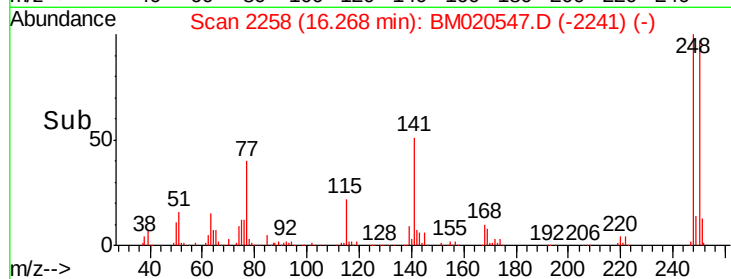
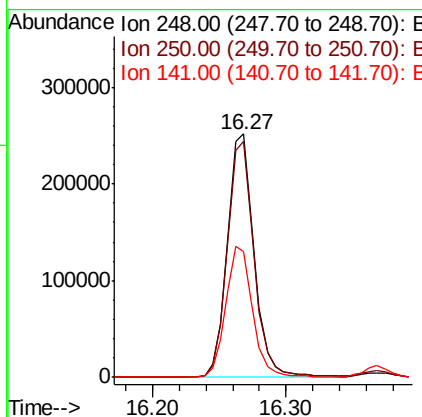
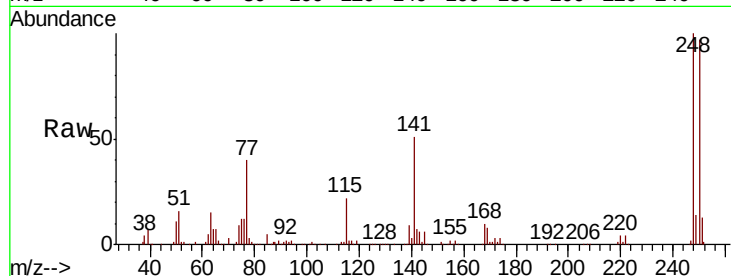
#67
 4-Bromophenyl-phenylether
 Concen: 66.258 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion:	248	Resp:	355306
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.8	116.6
141	51.5	41.0	61.6

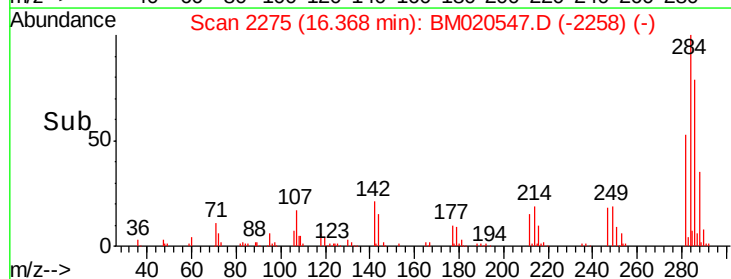
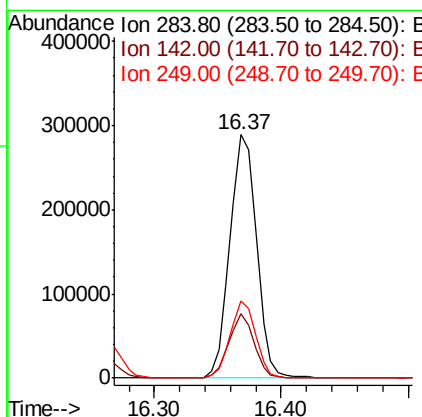
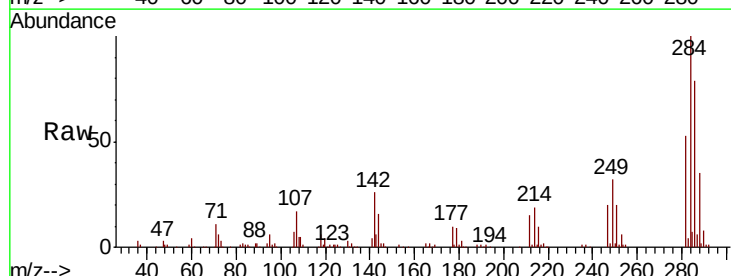
Manual Integrations
 APPROVED

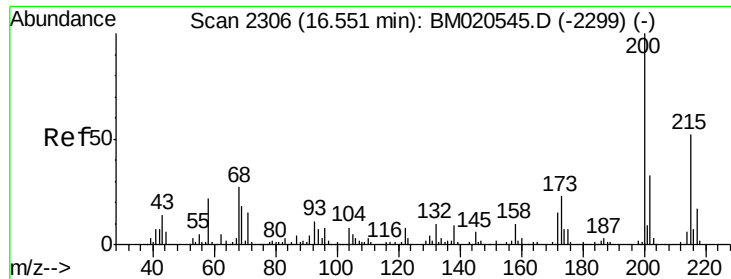
mohammad
 5/27/2019 3:59:46 AM



#68
 Hexachlorobenzene
 Concen: 68.211 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion:	284	Resp:	420918
Ion Ratio	Lower	Upper	
284	100		
142	26.5	20.2	30.2
249	31.9	23.9	35.9





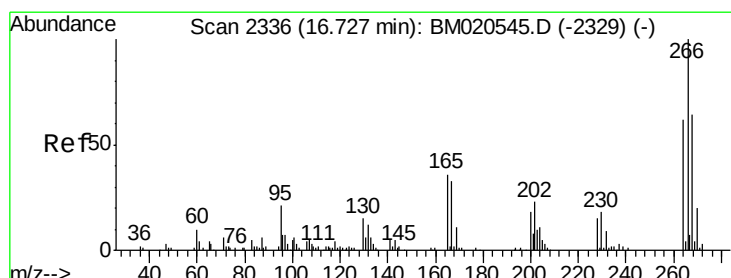
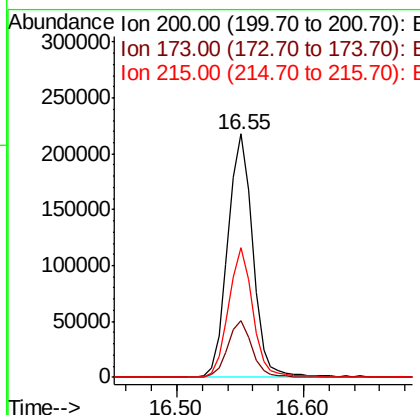
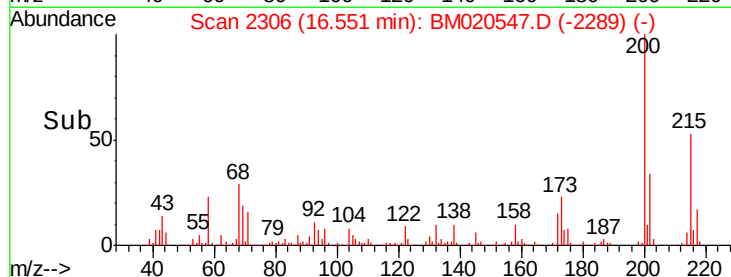
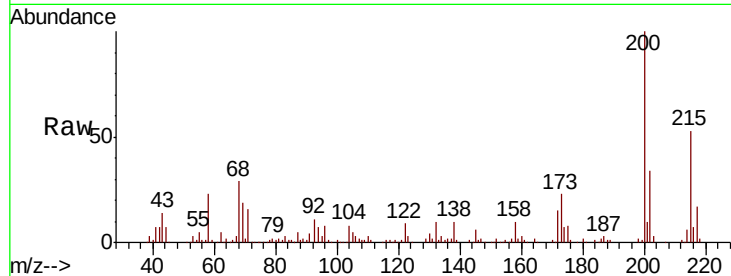
#69
Atrazine
Concen: 59.334 ng
RT: 16.55 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.2	3.2	43.2
215	53.1	31.7	71.7

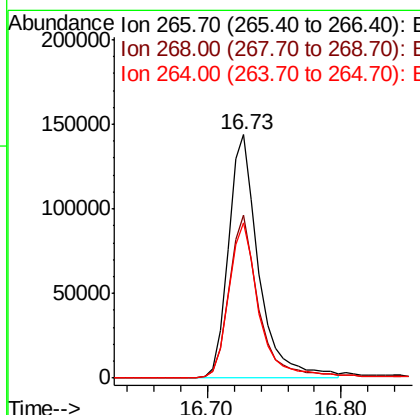
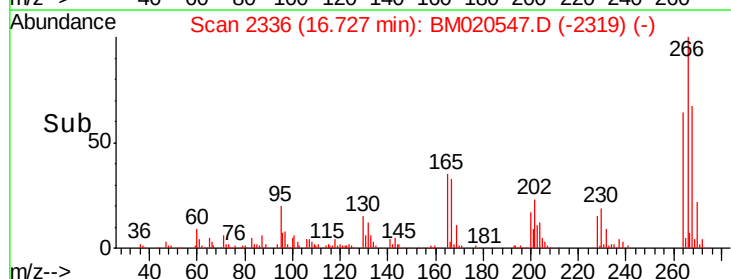
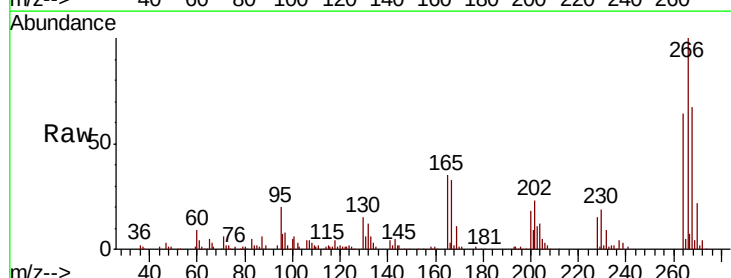
Manual Integrations
APPROVED

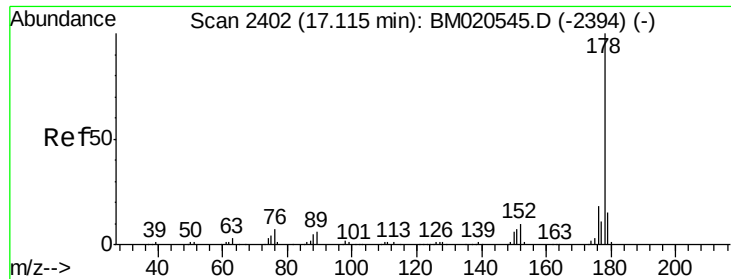
mohammad
5/27/2019 3:59:46 AM



#70
Pentachlorophenol
Concen: 64.965 ng
RT: 16.73 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.0	51.0	76.4
264	63.7	49.8	74.8





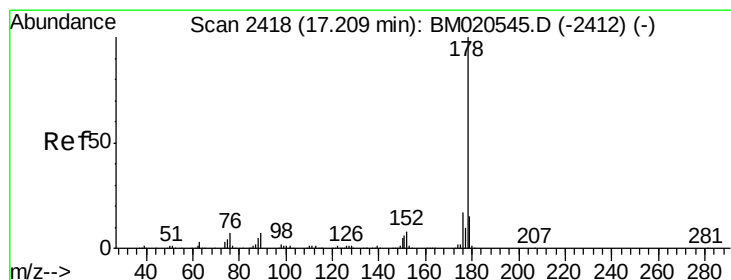
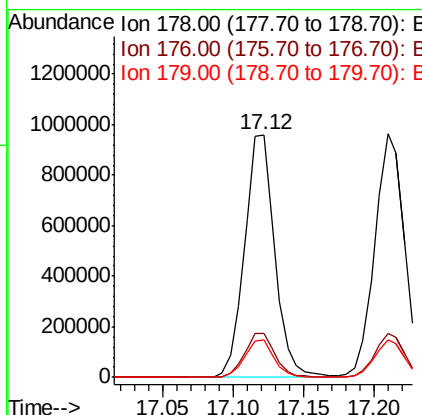
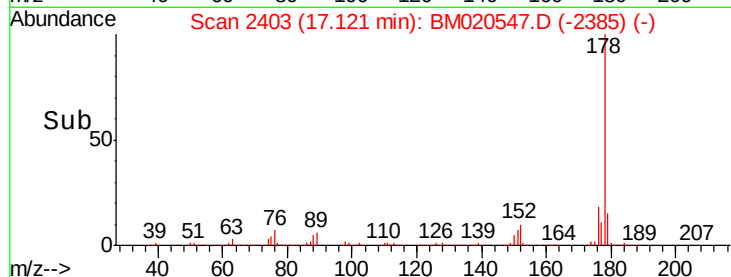
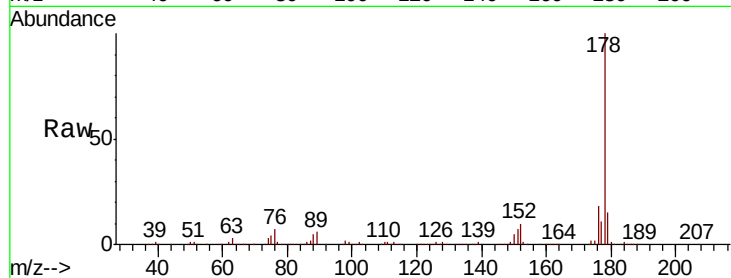
#71
Phenanthrene
Concen: 59.657 ng
RT: 17.12 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion:178 Resp: 1440083
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.4 12.2 18.2

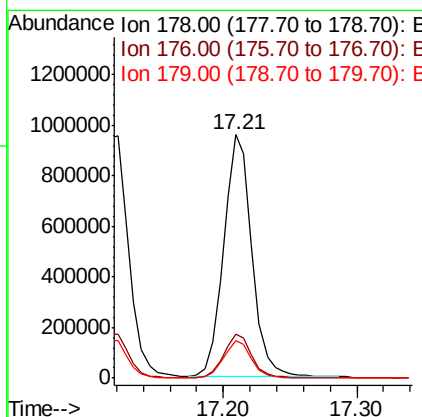
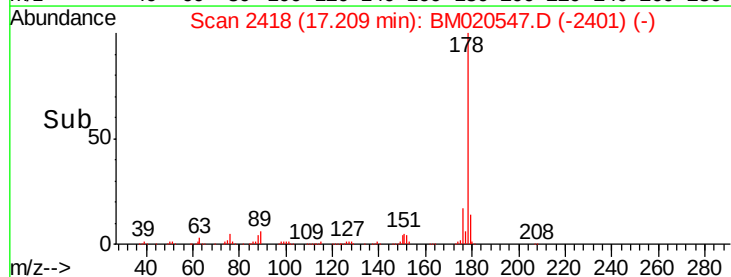
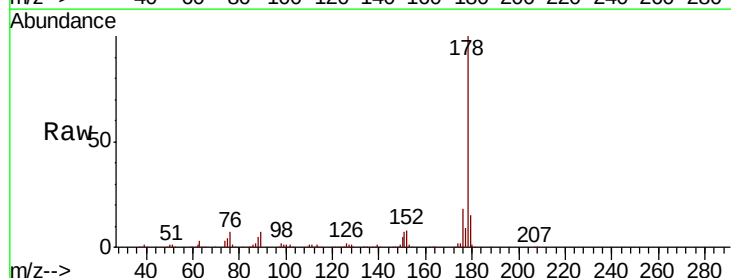
Manual Integrations
APPROVED

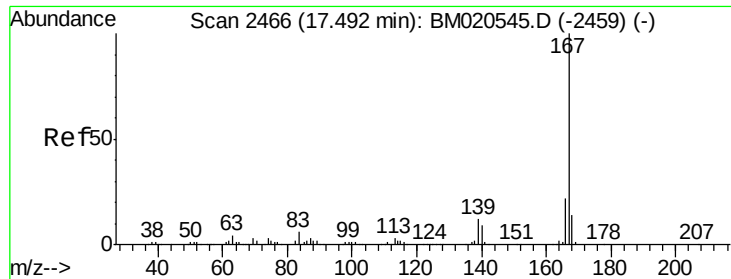
mohammad
5/27/2019 3:59:46 AM



#72
Anthracene
Concen: 58.378 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion:178 Resp: 1408963
Ion Ratio Lower Upper
178 100
176 17.8 14.0 21.0
179 15.4 12.4 18.6





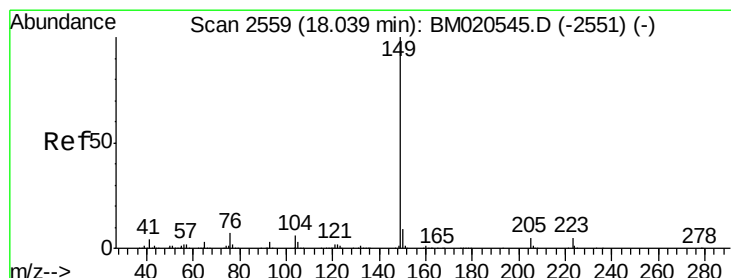
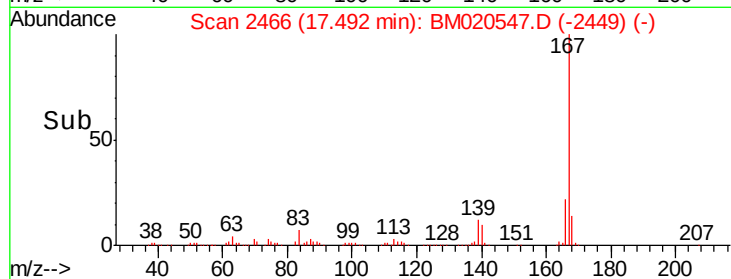
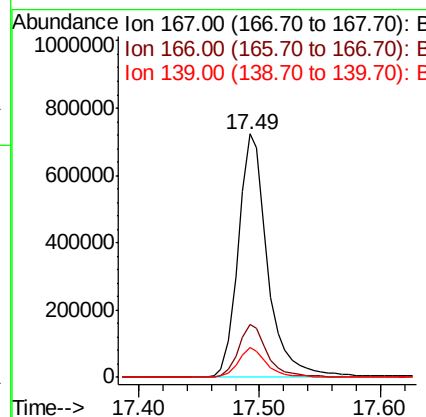
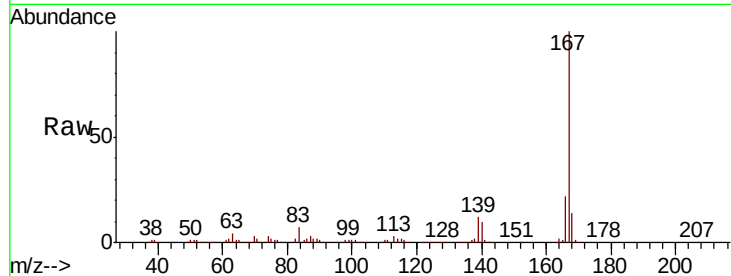
#73
 Carbazole
 Concen: 56.051 ng
 RT: 17.49 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.3	9.3	13.9

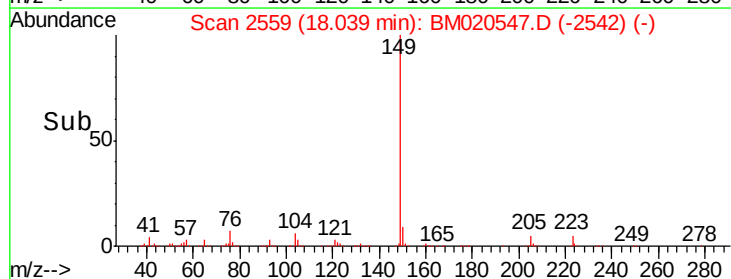
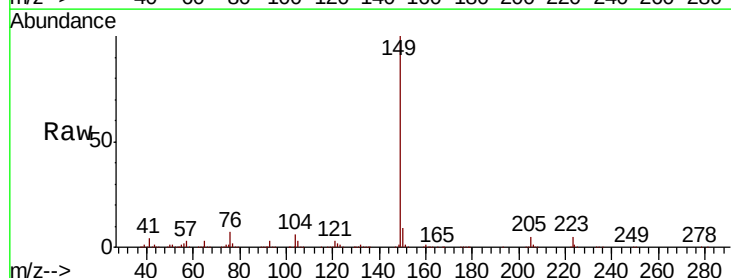
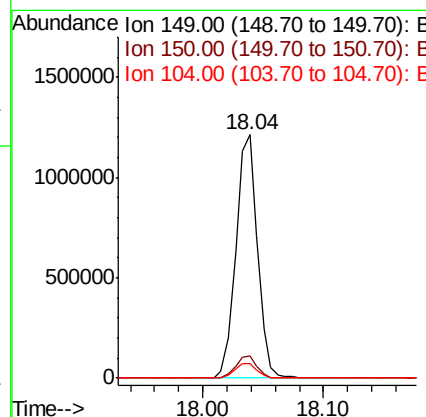
Manual Integrations
 APPROVED

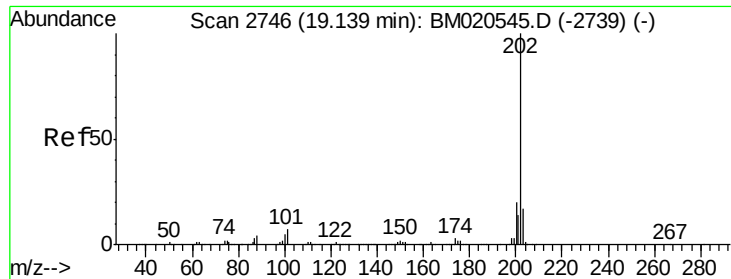
mohammad
 5/27/2019 3:59:46 AM



#74
 Di-n-butylphthalate
 Concen: 57.713 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 66.973 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

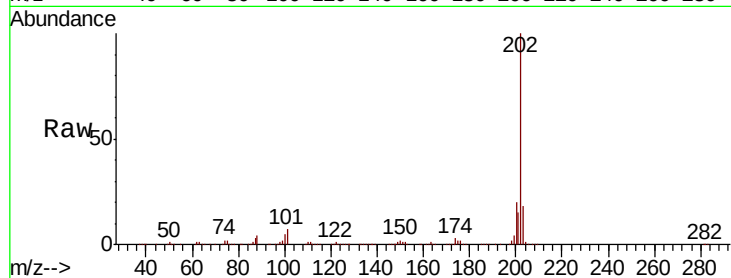
ClientSampleId :

SSTDICC060

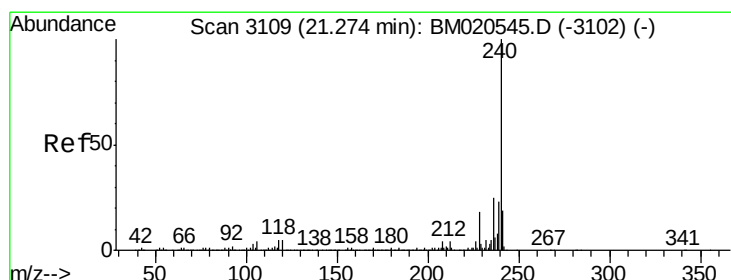
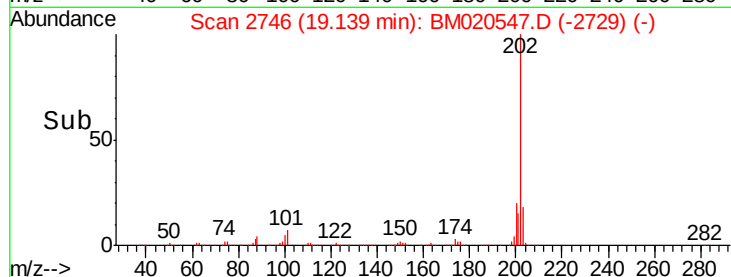
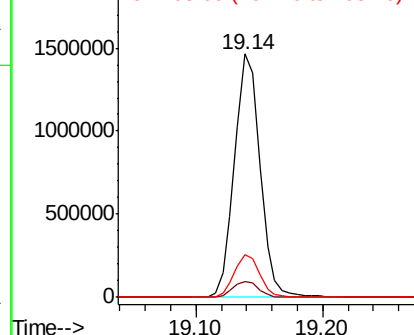
Tot Ion:	202	Resp:	2045543
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.7
203	17.6	0.0	37.4

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

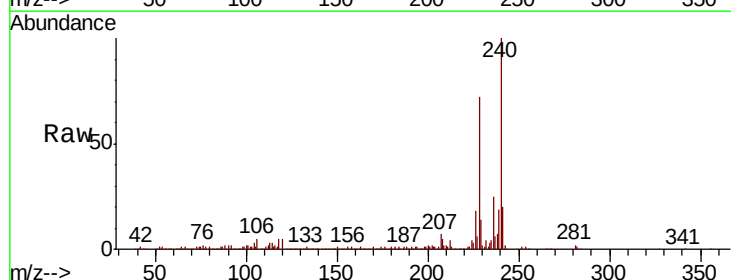
RT: 21.27 min Scan# 3109

Delta R.T. -0.00 min

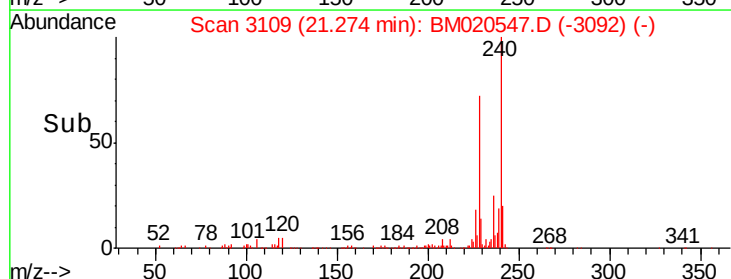
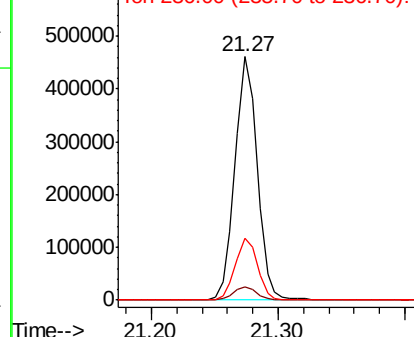
Lab File: BM020547.D

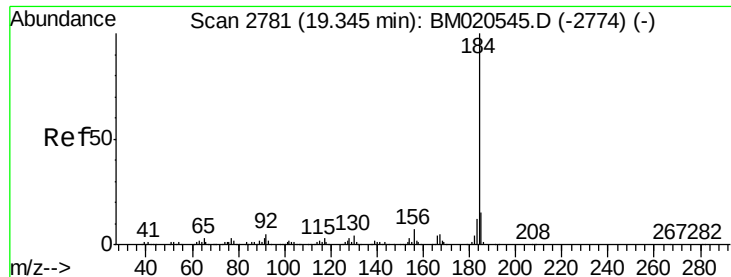
Acq: 24 May 2019 13:59

Tgt Ion:	240	Resp:	560721
Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.1	6.1
236	25.3	20.2	30.4



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





#77

Benzidine

Concen: 37.193 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

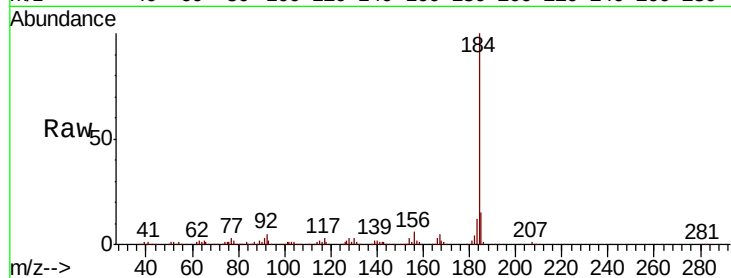
ClientSampleId :

SSTDICC060

Tot Ion:	184	Resp:	666742
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.8
183	11.9	9.7	14.5

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM

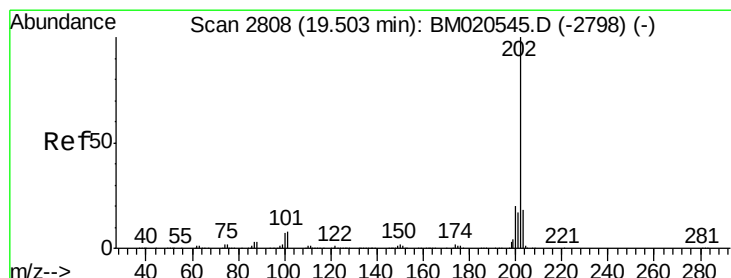
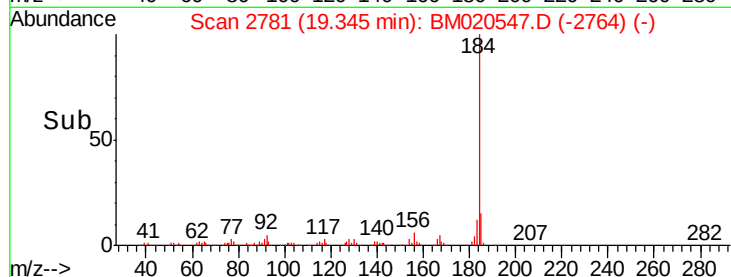
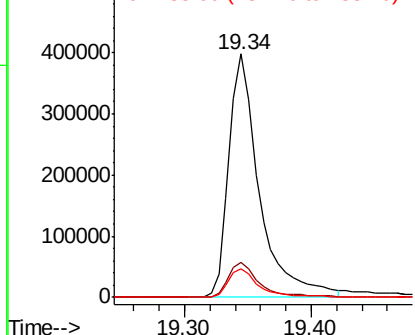


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 55.690 ng

RT: 19.51 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

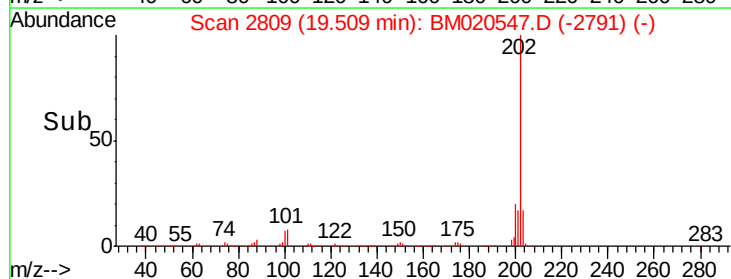
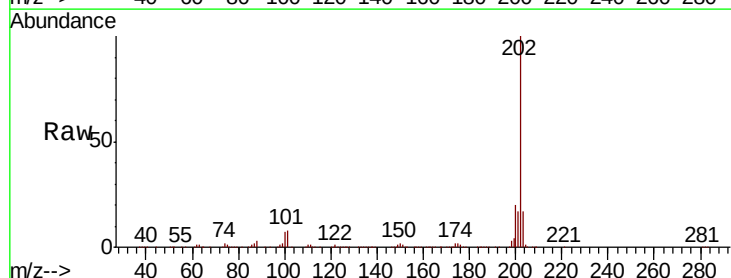
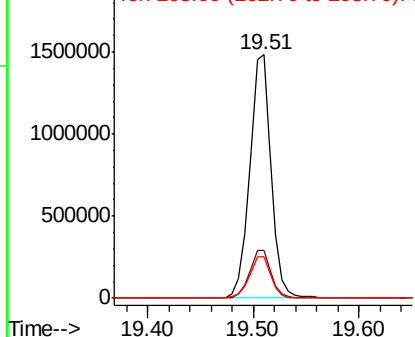
Tgt Ion:	202	Resp:	2096525
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.0	24.0
203	17.2	14.1	21.1

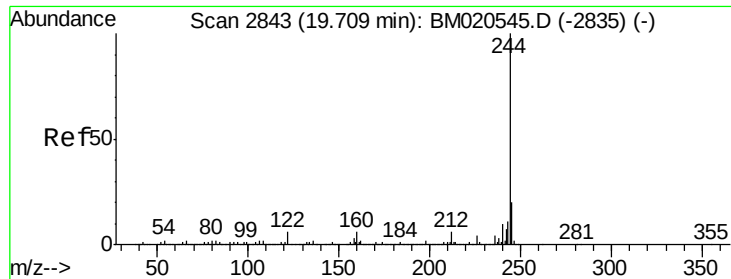
Abundance

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





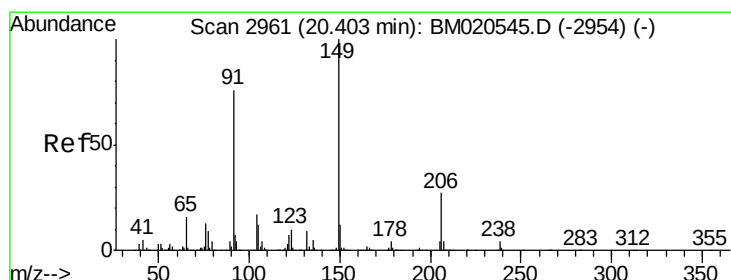
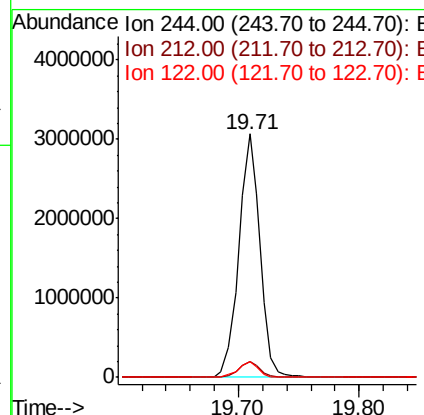
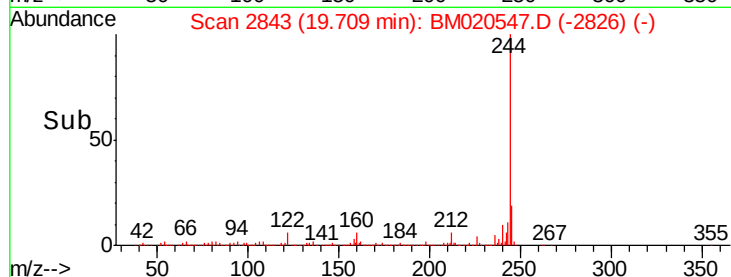
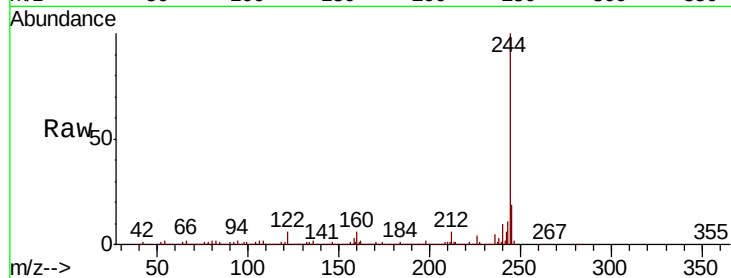
#79
 Terphenyl-d14
 Concen: 116.278 ng
 RT: 19.71 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.6
122	6.4	4.6	7.0

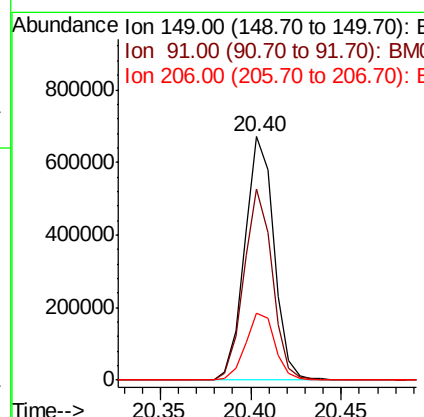
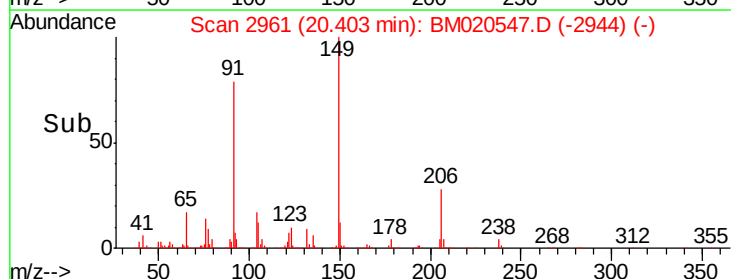
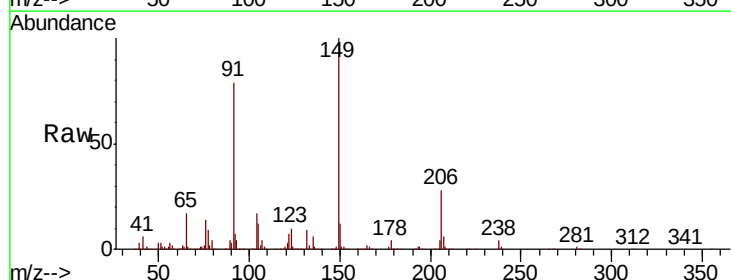
Manual Integrations
 APPROVED

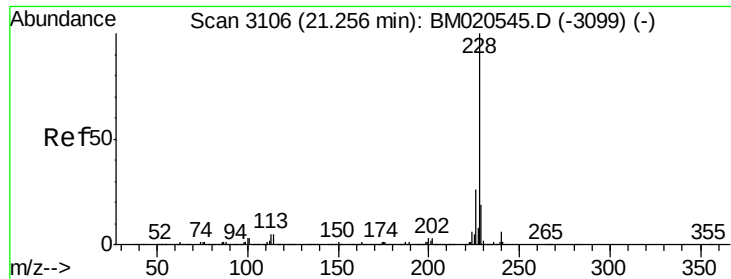
mohammad
 5/27/2019 3:59:46 AM



#80
 Butylbenzylphthalate
 Concen: 54.894 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.00 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.5	60.9	91.3
206	27.6	21.6	32.4





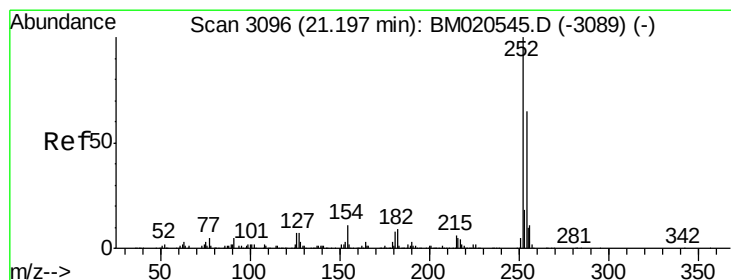
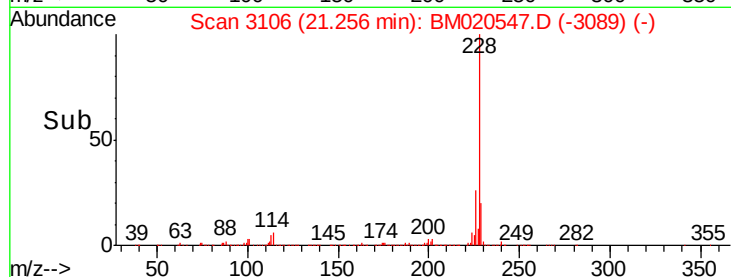
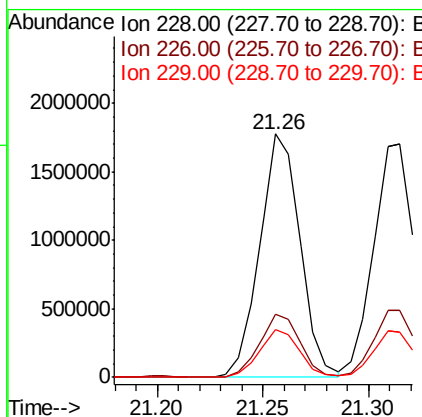
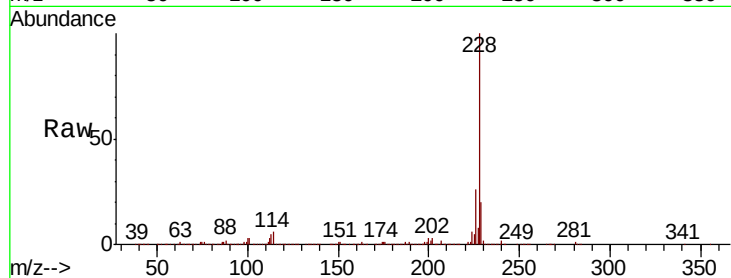
#81
Benzo(a)anthracene
Concen: 60.064 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.7	31.1
229	19.8	15.5	23.3

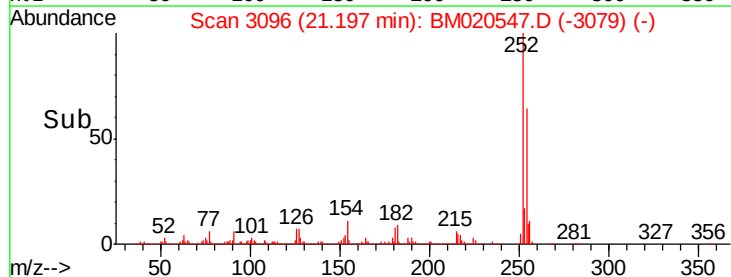
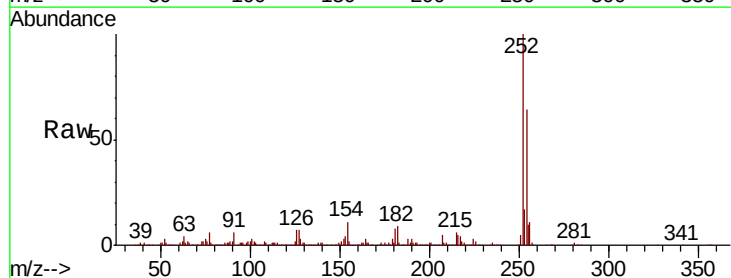
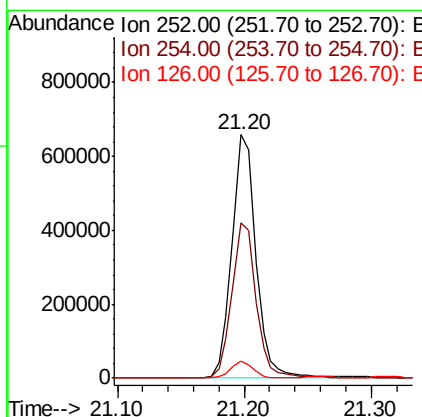
Manual Integrations
APPROVED

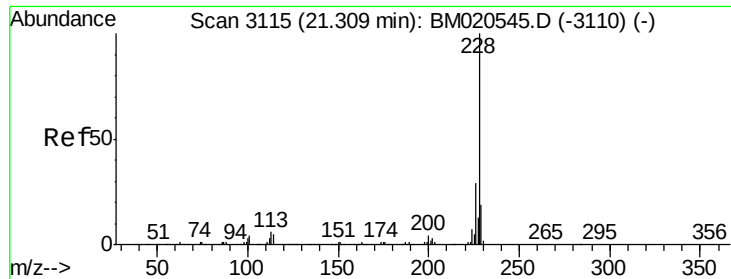
mohammad
5/27/2019 3:59:46 AM



#82
3,3'-Dichlorobenzidine
Concen: 57.753 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.8	77.6
126	6.8	5.2	7.8





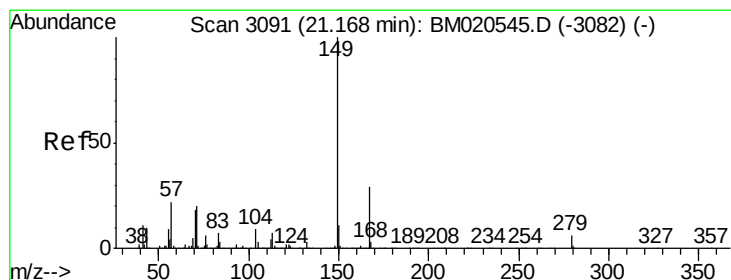
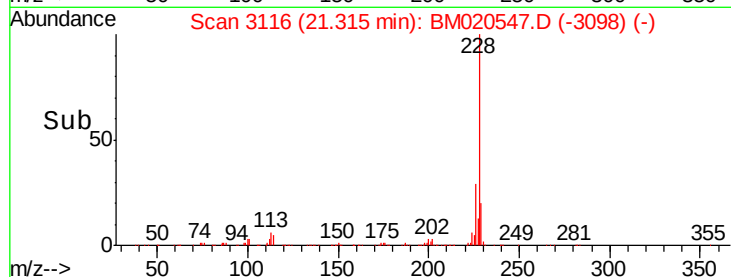
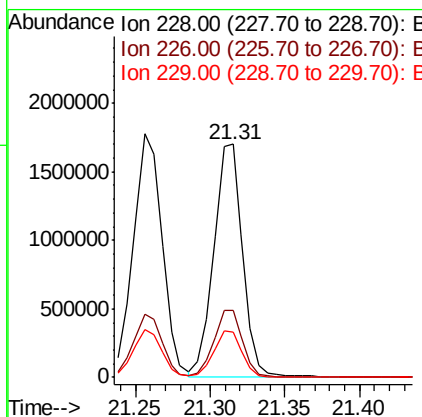
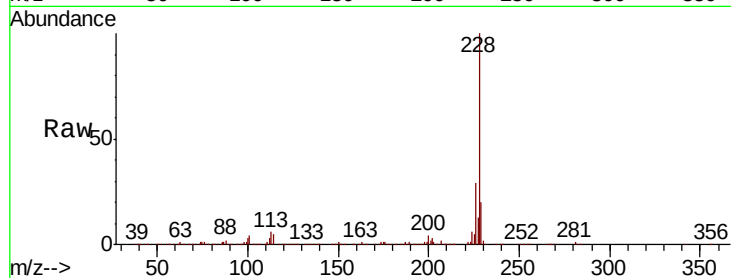
#83
 Chrysene
 Concen: 59.868 ng
 RT: 21.31 min Scan# 3116
 Delta R.T. 0.01 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.9	34.3
229	19.6	15.4	23.2

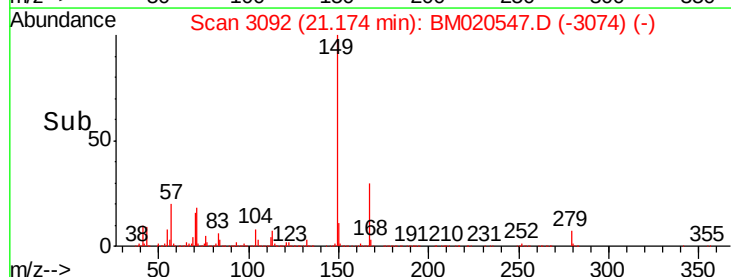
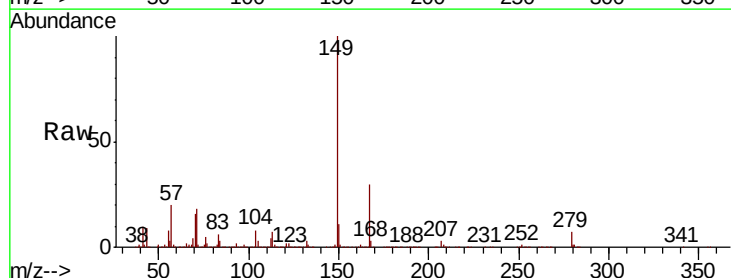
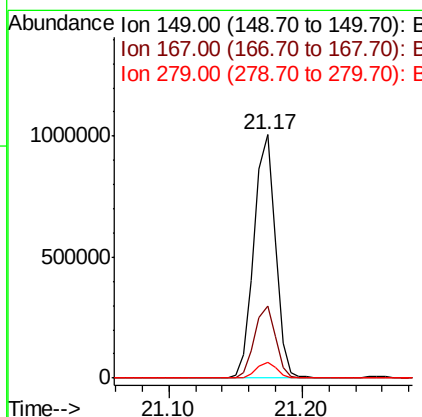
Manual Integrations
 APPROVED

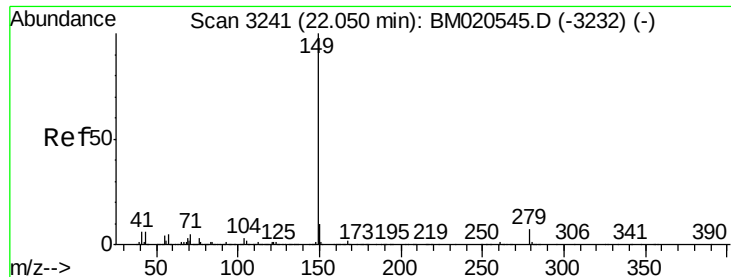
mohammad
 5/27/2019 3:59:46 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.882 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.01 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.9	34.3
279	6.7	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 54.728 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1932336

Ion Ratio Lower Upper

149 100

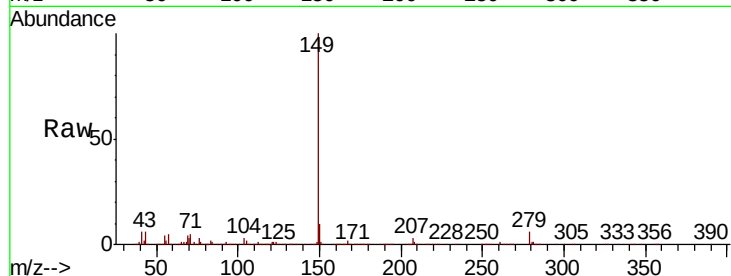
167 1.8 1.4 2.0

43 6.0 4.8 7.2

Manual Integrations
APPROVED

mohammad

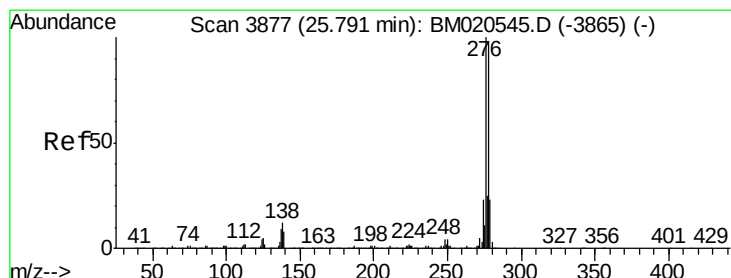
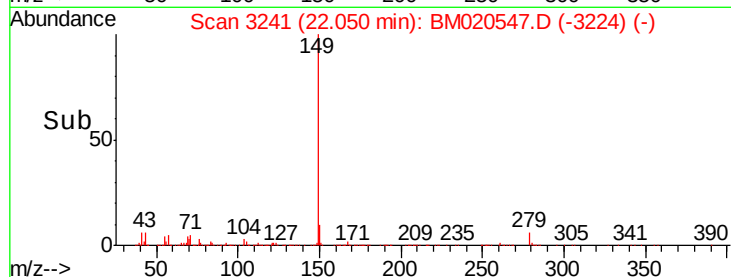
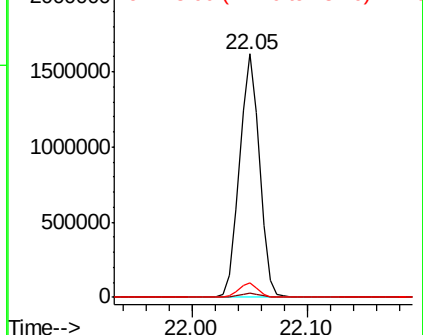
5/27/2019 3:59:46 AM



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: 63.558 ng

RT: 25.80 min Scan# 3879

Delta R.T. 0.01 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

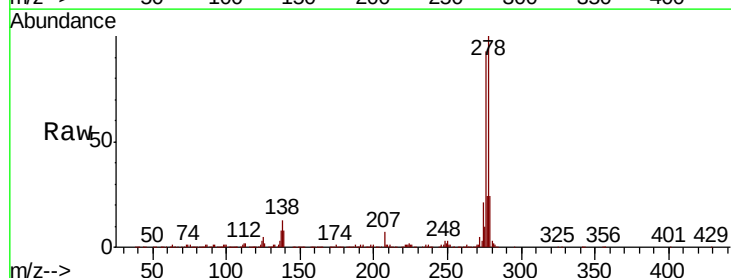
Tgt Ion:276 Resp: 2883158

Ion Ratio Lower Upper

276 100

138 12.4 9.7 14.5

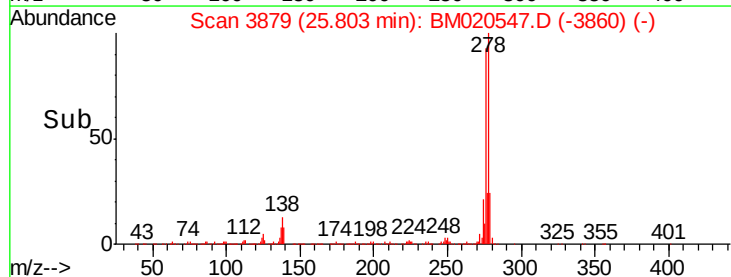
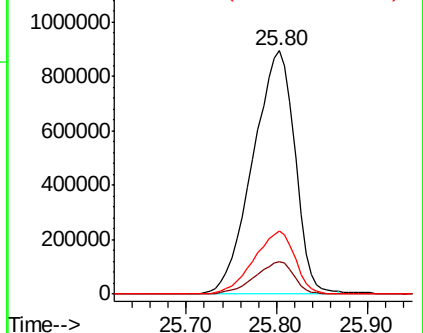
277 25.4 20.4 30.6

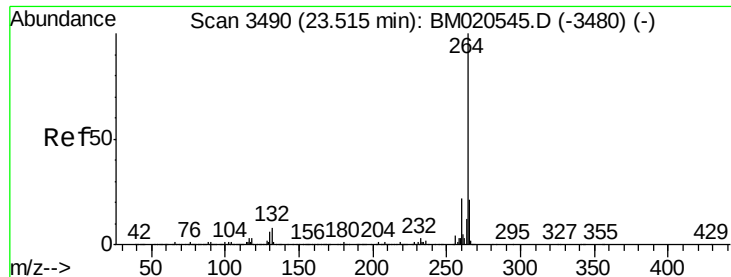


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3490

Delta R.T. 0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

Instrument :

BNA_M

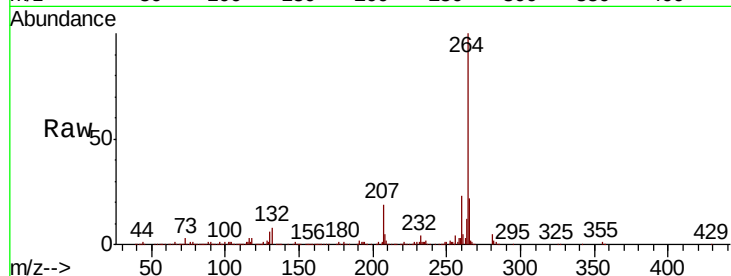
ClientSampleId :

SSTDIC060

Tot Ion:	264	Resp:	628985
Ion Ratio		Lower	Upper
264	100		
260	23.5	17.7	26.5
265	21.9	17.4	26.2

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:46 AM

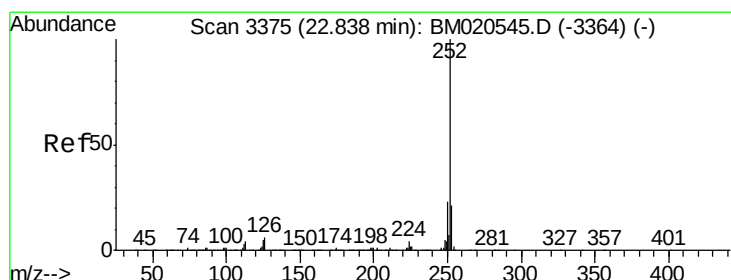
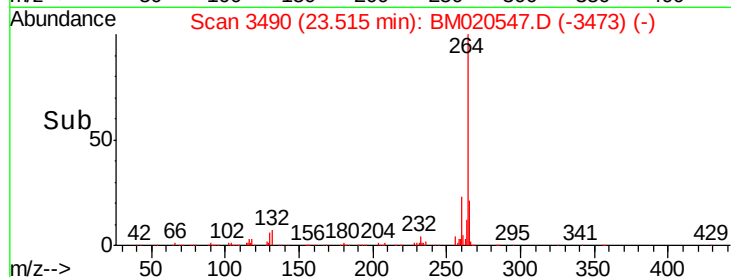
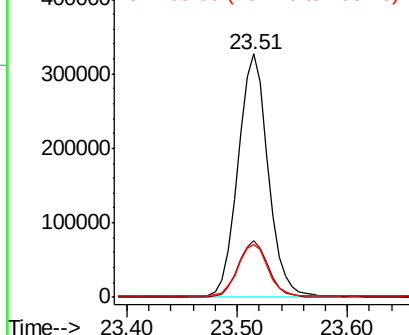


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 59.937 ng

RT: 22.84 min Scan# 3375

Delta R.T. -0.00 min

Lab File: BM020547.D

Acq: 24 May 2019 13:59

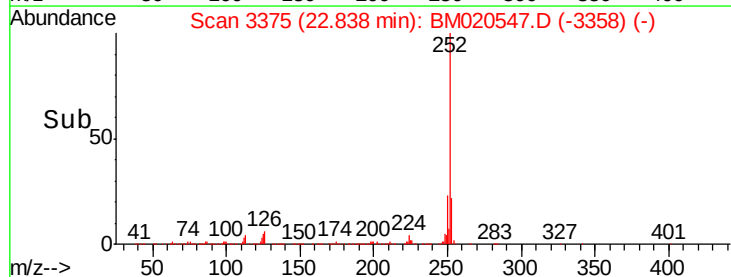
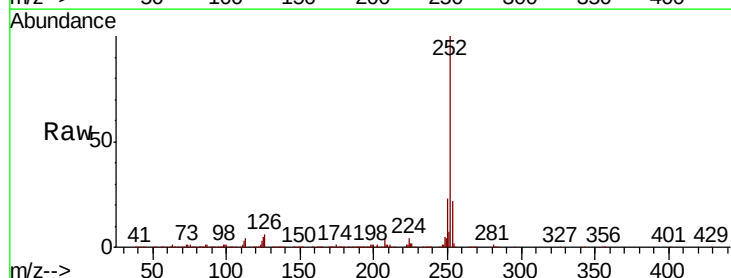
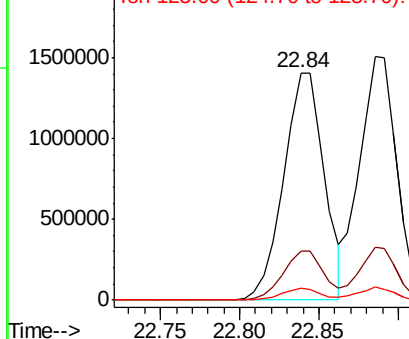
Tgt Ion:	252	Resp:	2489455
Ion Ratio		Lower	Upper
252	100		
253	21.8	17.1	25.7
125	5.0	3.8	5.8

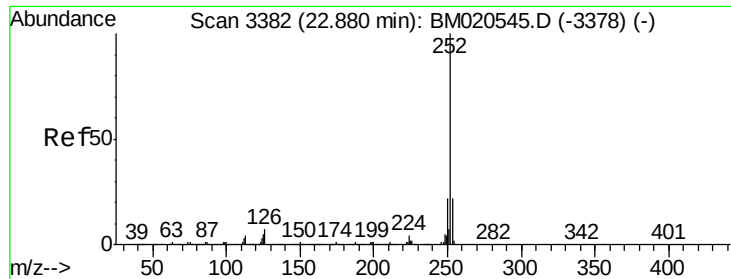
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





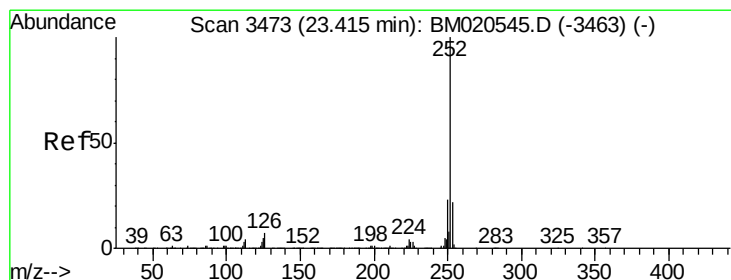
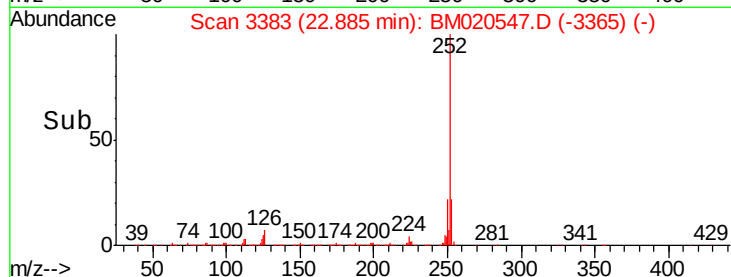
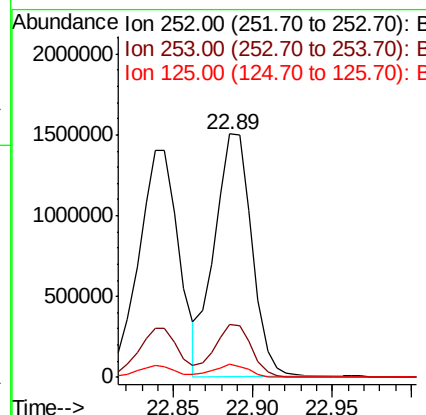
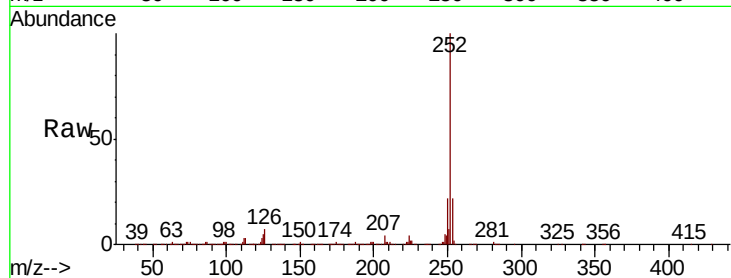
#89
Benzo(k)fluoranthene
Concen: 65.017 ng
RT: 22.89 min Scan# 3383
Delta R.T. 0.01 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	5.2	4.2	6.4

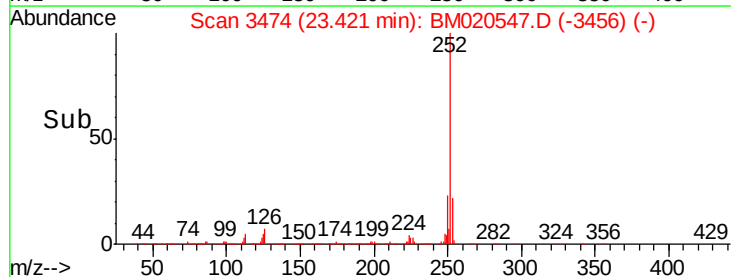
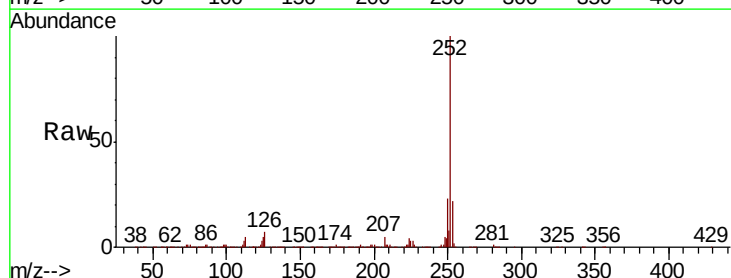
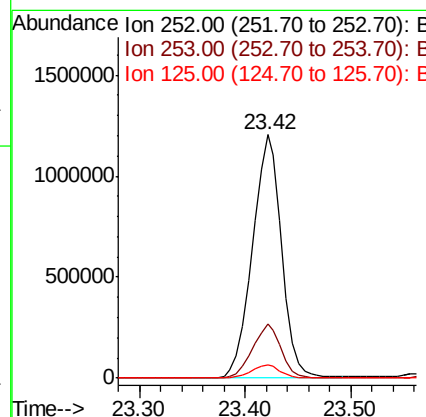
Manual Integrations
APPROVED

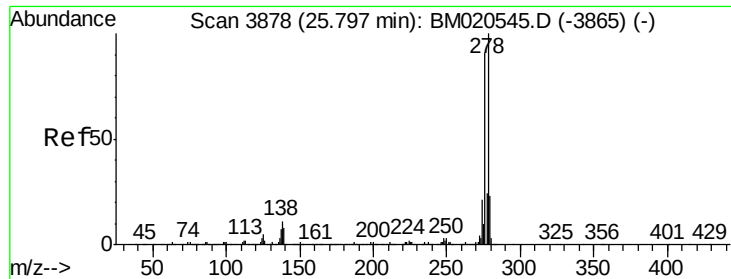
mohammad
5/27/2019 3:59:46 AM



#90
Benzo(a)pyrene
Concen: 61.127 ng
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BM020547.D
Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	5.3	4.2	6.4





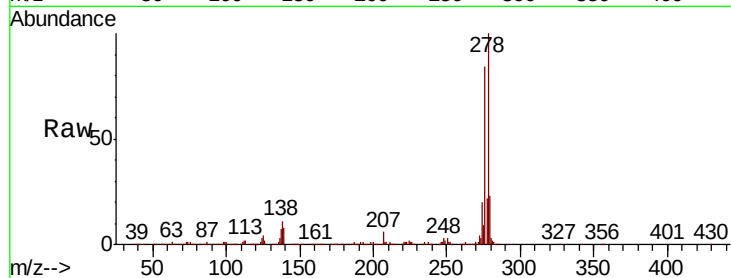
#91
 Dibenzo(a,h)anthracene
 Concen: 61.968 ng
 RT: 25.81 min Scan# 3880
 Delta R.T. 0.01 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.1	6.3	9.5
279	23.4	18.3	27.5

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:59:46 AM

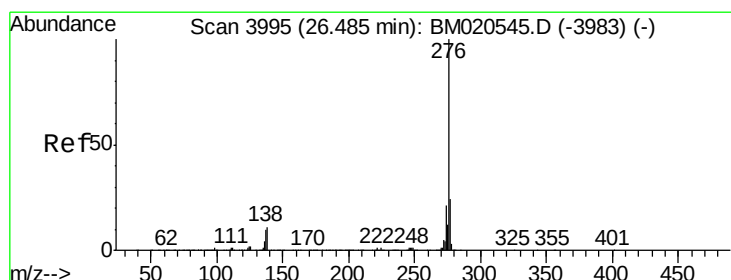
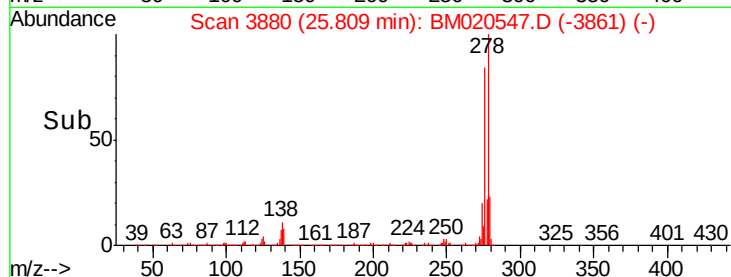
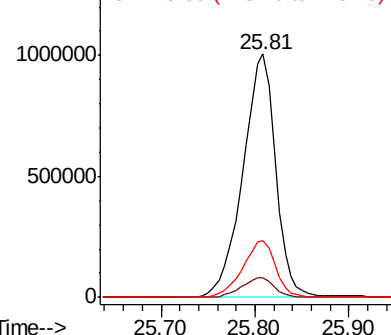


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 60.529 ng
 RT: 26.50 min Scan# 3997
 Delta R.T. 0.01 min
 Lab File: BM020547.D
 Acq: 24 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	10.3	8.6	12.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

