

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020144.D
 Acq On : 06 May 2019 20:14
 Operator : JU/SJ
 Sample : K2673-16MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Manual Integrations
 APPROVED

mohammad
 5/7/2019 3:11:45 PM

Quant Time: May 07 07:01:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	127946	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	466050	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	278626	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	662423	20.00	ng	0.00
76) Chrysene-d12	21.37	240	660031	20.00	ng	0.00
87) Perylene-d12	23.67	264	769183	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1224672	156.46	ng	0.00
7) Phenol-d6	6.96	99	1741125	162.82	ng	0.01
23) Nitrobenzene-d5	8.96	82	1210917	102.58	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	733601	169.63	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	2111782	93.25	ng	0.00
79) Terphenyl-d14	19.81	244	3309802	87.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	129715	33.789	ng	95
3) Pyridine	3.71	79	369400	37.624	ng	98
4) n-Nitrosodimethylamine	3.63	42	136119	43.235	ng	# 85
6) Aniline	7.13	93	311422	23.135	ng	99
8) 2-Chlorophenol	7.36	128	399862	46.916	ng	99
9) Benzaldehyde	6.95	77	301819	37.292	ng	96
10) Phenol	6.99	94	566189	49.184	ng	93
11) bis(2-Chloroethyl)ether	7.23	93	405550	48.471	ng	97
12) 1,3-Dichlorobenzene	7.68	146	431700	43.535	ng	97
13) 1,4-Dichlorobenzene	7.83	146	435098	43.434	ng	93
14) 1,2-Dichlorobenzene	8.15	146	421096	44.123	ng	98
15) Benzyl Alcohol	8.04	79	453515	43.983	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	307286	44.291	ng	98
17) 2-Methylphenol	8.23	107	352422	47.557	ng	97
18) Hexachloroethane	8.86	117	94456	22.614	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	393806	43.045	ng	95
20) 3+4-Methylphenols	8.56	107	481944	48.934	ng	98
22) Acetophenone	8.62	105	640955	50.321	ng	# 97
24) Nitrobenzene	9.00	77	560345	45.782	ng	96
25) Isophorone	9.52	82	1001050	49.175	ng	99
26) 2-Nitrophenol	9.71	139	130366	35.281	ng	93
27) 2,4-Dimethylphenol	9.76	122	358815	58.327	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	543746	49.043	ng	98
29) 2,4-Dichlorophenol	10.24	162	406698	52.428	ng	98
30) 1,2,4-Trichlorobenzene	10.45	180	464812	48.697	ng	98
31) Naphthalene	10.64	128	1194978	49.410	ng	99
32) Benzoic acid	9.83	122	25885	11.710	ng	94
33) 4-Chloroaniline	10.76	127	311238	31.267	ng	98
34) Hexachlorobutadiene	10.90	225	300963	44.573	ng	98
35) Caprolactam	11.56	113	120711m	52.042	ng	
36) 4-Chloro-3-methylphenol	11.88	107	448316	49.180	ng	95
37) 2-Methylnaphthalene	12.25	142	867518	49.202	ng	97
38) 1-Methylnaphthalene	12.47	142	824417	47.816	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	542890	49.802	ng	98

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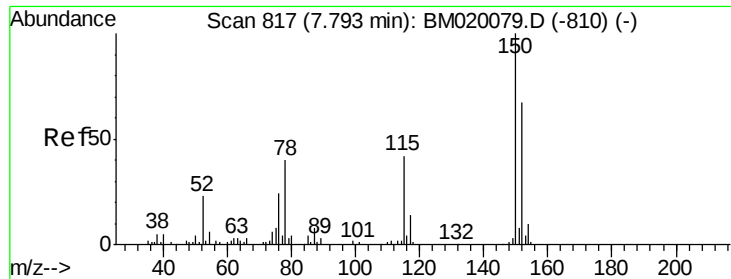
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	9912	1.544	nq	98
43) 2,4,6-Trichlorophenol	12.86	196	358864	57.925	nq	97
44) 2,4,5-Trichlorophenol	12.94	196	382201	55.223	nq	97
46) 1,1'-Biphenyl	13.27	154	1120029	48.838	nq	99
47) 2-Chloronaphthalene	13.31	162	907894	49.583	nq	99
48) 2-Nitroaniline	13.53	65	383384	58.811	nq	90
49) Acenaphthylene	14.16	152	1491259	50.889	nq	99
50) Dimethylphthalate	13.90	163	1555179	65.672	nq	99
51) 2,6-Dinitrotoluene	14.02	165	197693	39.636	nq	94
52) Acenaphthene	14.50	154	818257	48.692	nq	98
53) 3-Nitroaniline	14.36	138	229216	49.515	nq	97
54) 2,4-Dinitrophenol	14.56	184	2455	9.350	nq	94
55) Dibenzofuran	14.84	168	1360639	48.002	nq	98
56) 4-Nitrophenol	14.66	139	389052	98.502	nq	91
57) 2,4-Dinitrotoluene	14.81	165	245849	36.275	nq	99
58) Fluorene	15.49	166	1099993	47.252	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.06	232	359989	54.734	nq	97
60) Diethylphthalate	15.26	149	1120292	46.956	nq	99
61) 4-Chlorophenyl-phenylether	15.48	204	618886	46.920	nq	97
62) 4-Nitroaniline	15.52	138	255125	49.939	nq	95
63) Azobenzene	15.77	77	1226416	43.573	nq	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	2553	7.811	nq	# 53
66) n-Nitrosodiphenylamine	15.70	169	964275	49.470	nq	99
67) 4-Bromophenyl-phenylether	16.37	248	387383	47.690	nq	97
68) Hexachlorobenzene	16.48	284	439300	46.996	nq	96
69) Atrazine	16.65	200	314302	41.261	nq	98
70) Pentachlorophenol	16.83	266	563225	105.310	nq	99
71) Phenanthrene	17.23	178	1849621	50.583	nq	99
72) Anthracene	17.32	178	1896864	51.884	nq	99
73) Carbazole	17.59	167	1558778	47.252	nq	99
74) Di-n-butylphthalate	18.14	149	1855735	46.744	nq	98
75) Fluoranthene	19.24	202	2653763	57.359	nq	100
78) Pyrene	19.61	202	2718811	61.354	nq	99
80) Butylbenzylphthalate	20.50	149	862280	53.509	nq	97
81) Benzo(a)anthracene	21.36	228	2568273	55.485	nq	98
82) 3,3'-Dichlorobenzidine	21.29	252	374971	21.225	nq	99
83) Chrysene	21.41	228	2502704	55.750	nq	98
84) Bis(2-ethylhexyl)phthalate	21.28	149	8508028	340.241	nq	95
85) Di-n-octyl phthalate	22.17	149	3413263	82.126	nq	# 96
86) Indeno(1,2,3-cd)pyrene	26.03	276	3062324m	57.350	nq	
88) Benzo(b)fluoranthene	22.98	252	3019871	59.455	nq	98
89) Benzo(k)fluoranthene	23.03	252	2483278	53.597	nq	100
90) Benzo(a)pyrene	23.58	252	2732579	59.228	nq	98
91) Dibenzo(a,h)anthracene	26.04	278	2365212	49.296	nq	99
92) Benzo(g,h,i)perylene	26.75	276	2573756	56.501	nq	98

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



#1

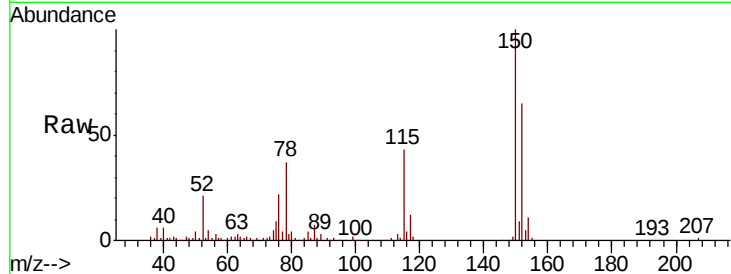
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.8	179.8
115	66.2	50.8	76.2

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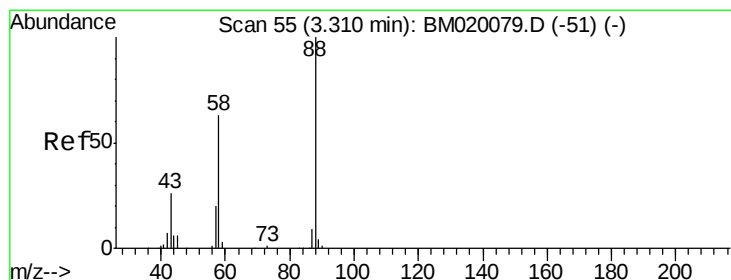
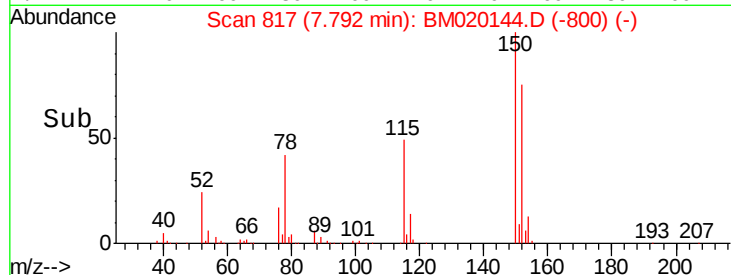
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

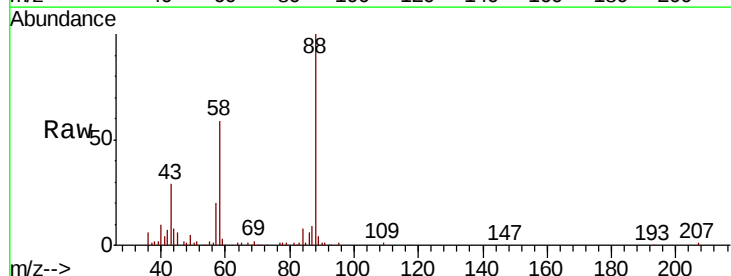
Time-->



#2

1,4-Dioxane
Concen: 33.789 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	51.8	77.6
43	24.2	20.3	30.5



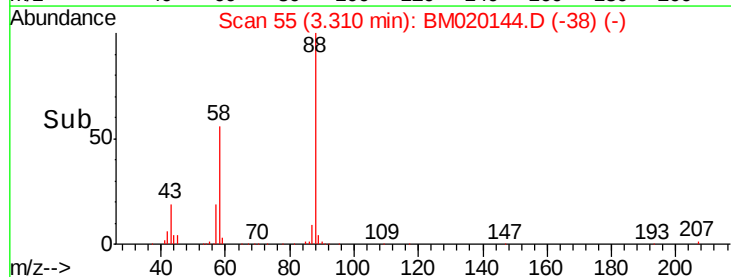
Abundance

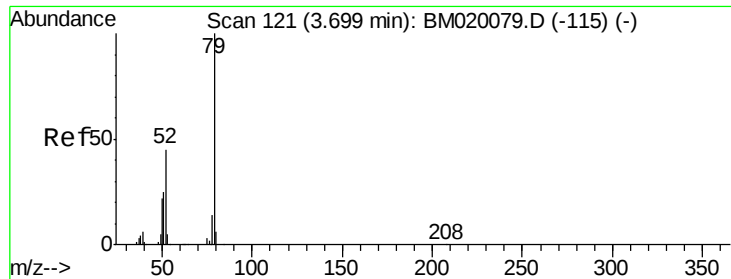
Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

Time-->





#3

Pvridine

Concen: 37.624 ng

RT: 3.71 min Scan# 123

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

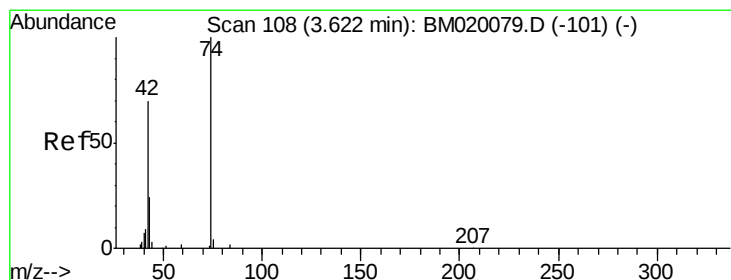
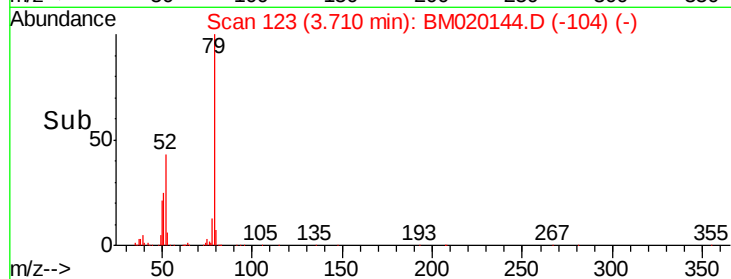
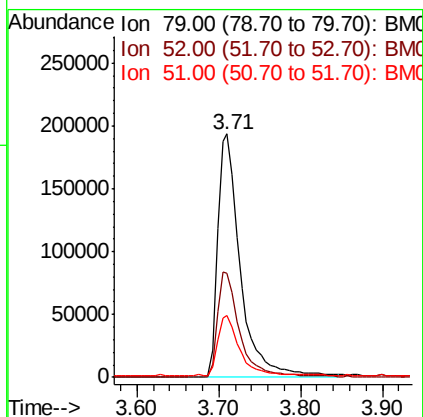
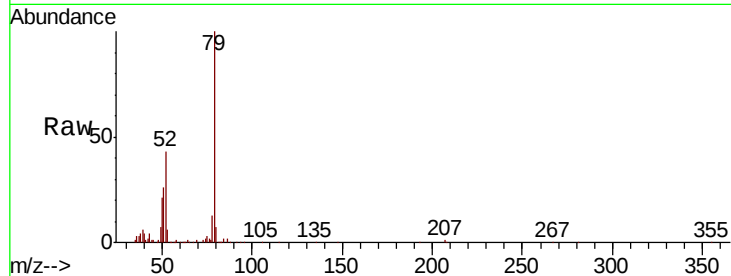
ClientSampleId :

SP-02-COMPMS

Tot Ion:	79	Resp:	369400
Ion	Ratio	Lower	Upper
79	100		
52	42.6	35.7	53.5
51	25.7	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 43.235 ng

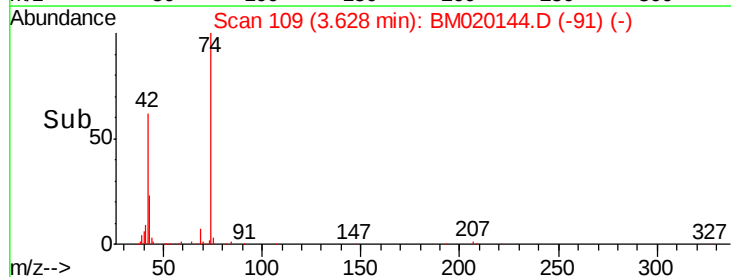
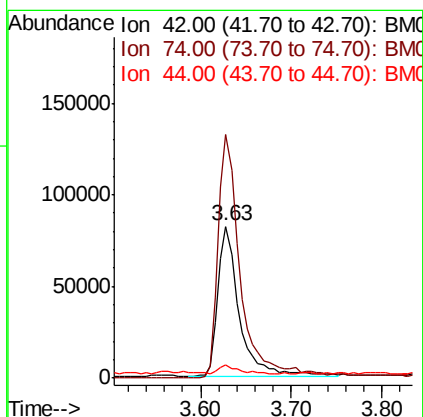
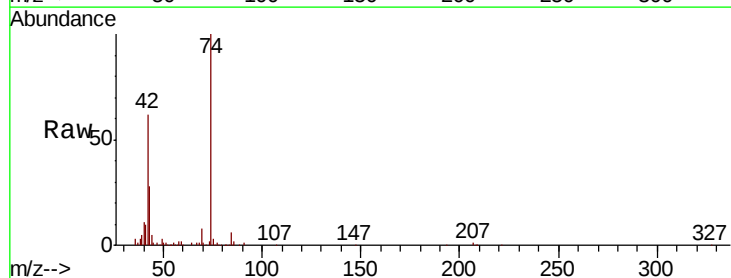
RT: 3.63 min Scan# 109

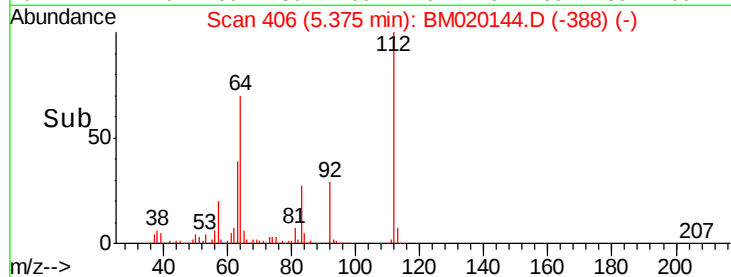
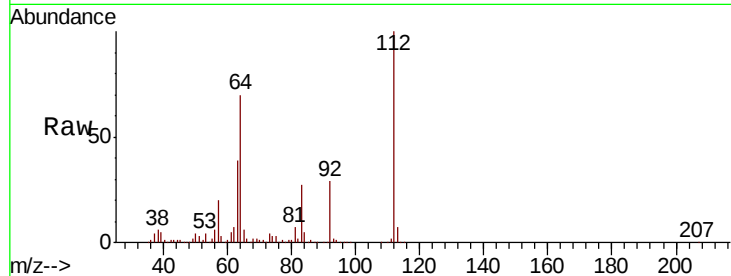
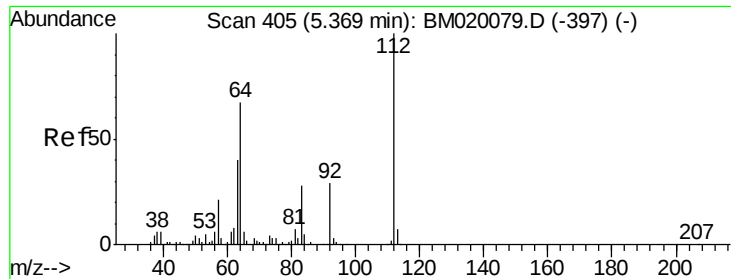
Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Tgt Ion:	42	Resp:	136119
Ion	Ratio	Lower	Upper
42	100		
74	160.4	113.7	170.5
44	8.4	3.9	5.9#





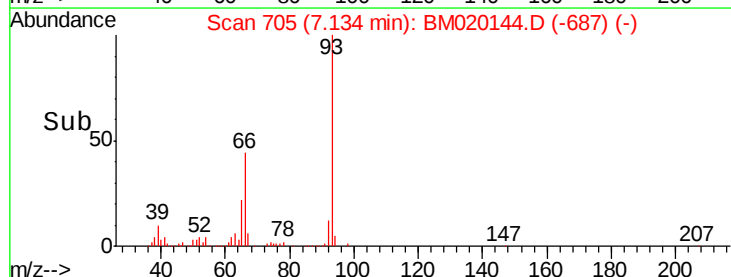
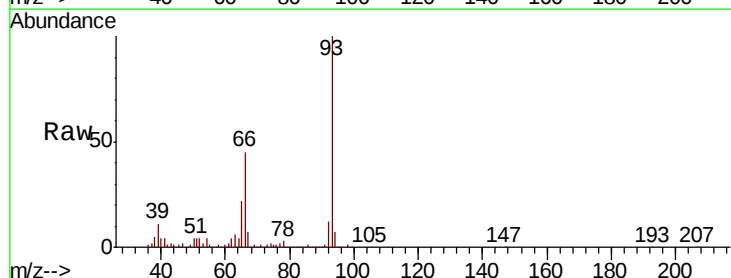
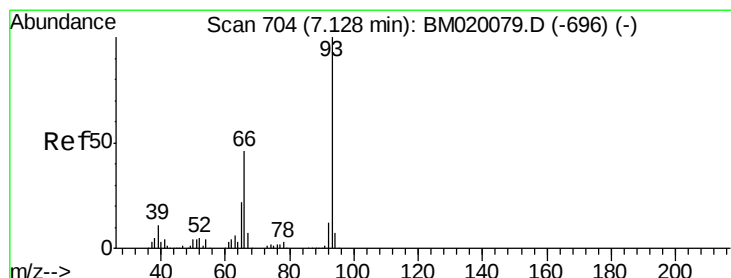
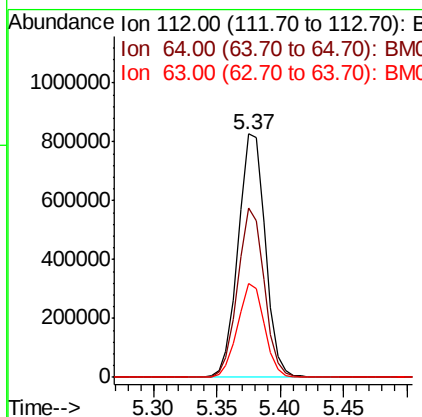
#5
2-Fluorophenol
Concen: 156.460 ng
RT: 5.37 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.6	53.8	80.6
63	38.7	32.3	48.5

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

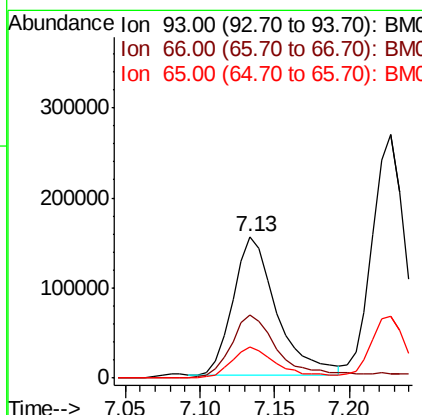
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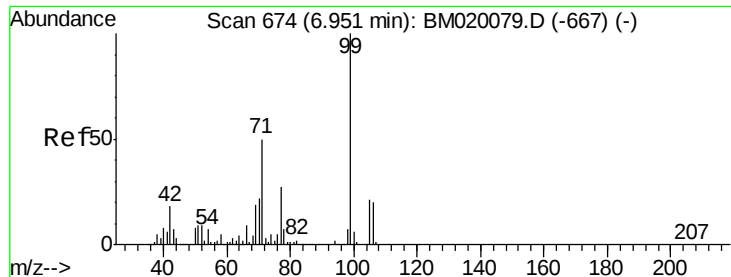
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#6
Aniline
Concen: 23.135 ng
RT: 7.13 min Scan# 705
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.9	36.6	54.8
65	22.3	17.8	26.6





#7

Phenol-d6

Concen: 162.824 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

Tot Ion: 99 Resp: 1741125

Ion Ratio Lower Upper

99 100

42 15.6 14.2 21.2

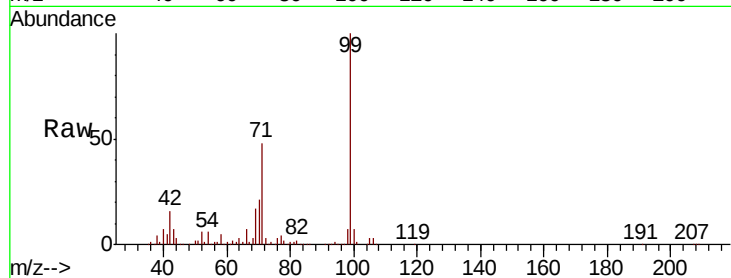
71 47.5 40.3 60.5

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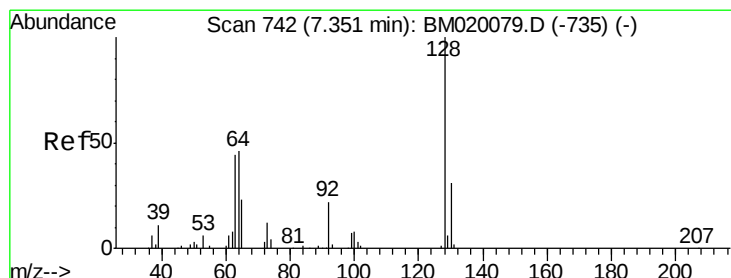
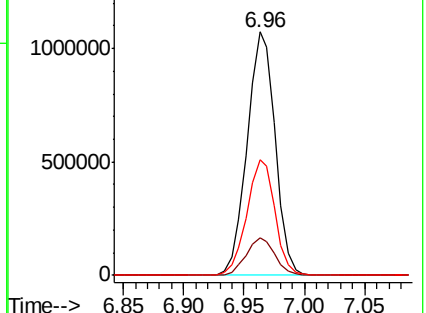
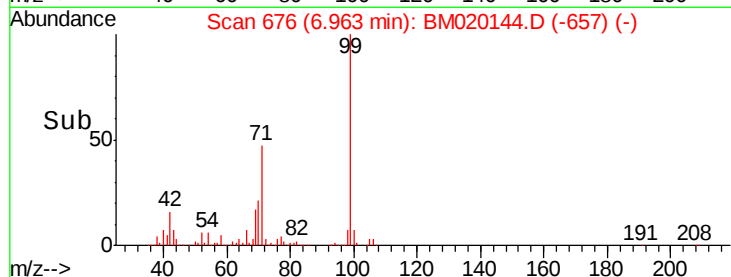
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Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 46.916 ng

RT: 7.36 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

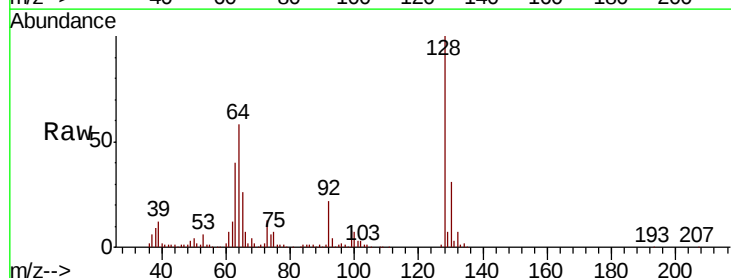
Tgt Ion: 128 Resp: 399862

Ion Ratio Lower Upper

128 100

130 31.3 10.8 50.8

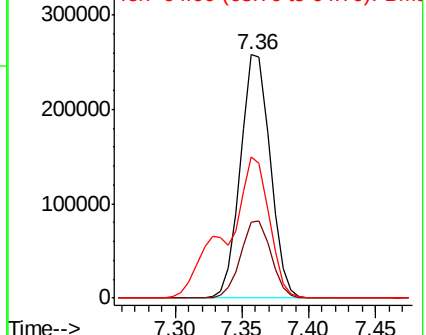
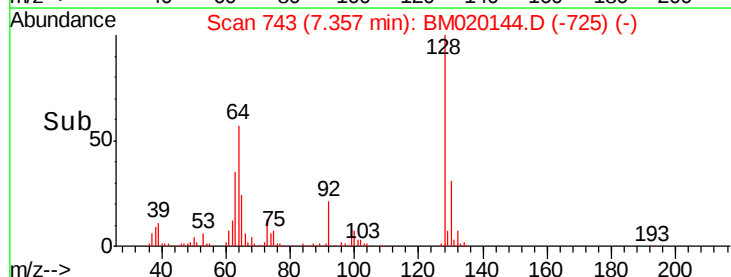
64 57.8 36.5 76.5

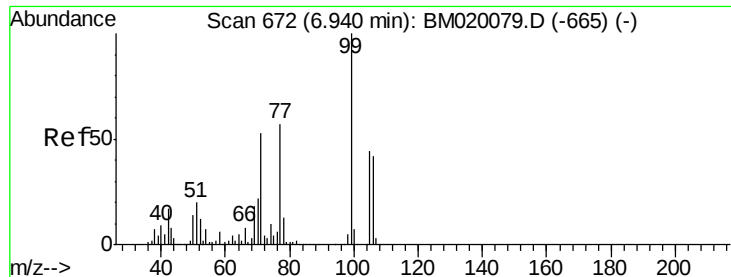


Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)





#9

Benzaldehyde

Concen: 37.292 ng

RT: 6.95 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

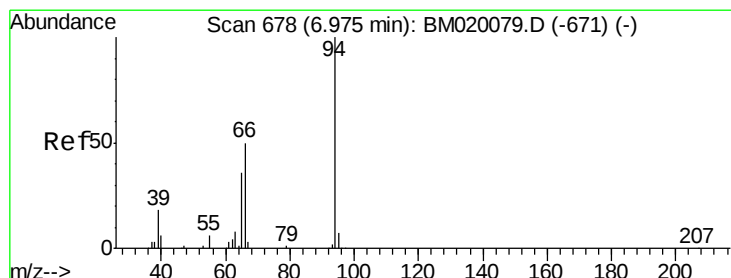
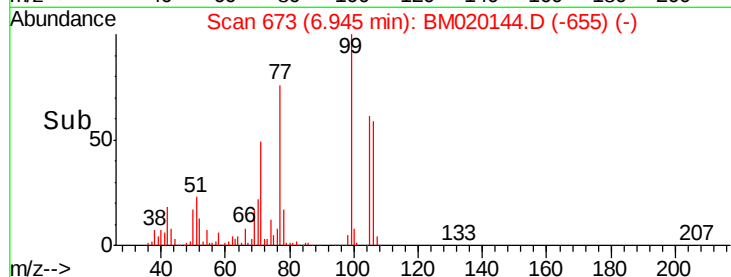
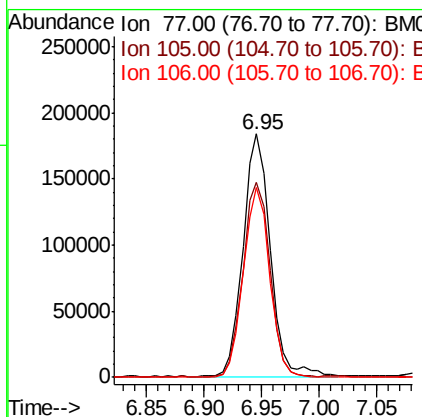
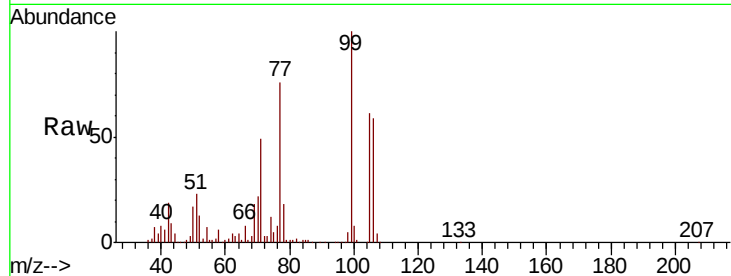
ClientSampled :

SP-02-COMPMS

Tot Ion:	77	Resp:	301819
Ion	Ratio	Lower	Upper
77	100		
105	80.2	57.8	97.8
106	78.1	53.6	93.6

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#10

Phenol

Concen: 49.184 ng

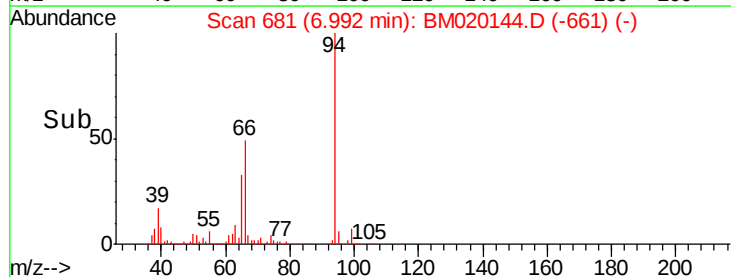
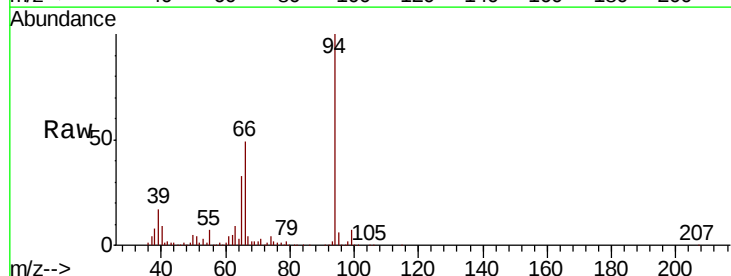
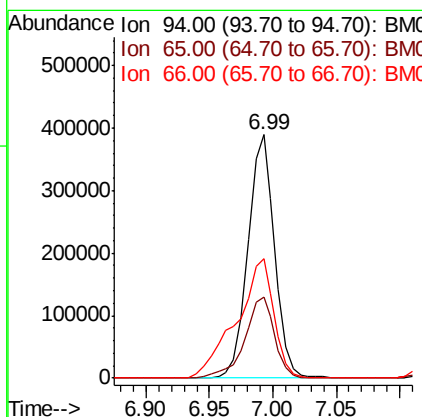
RT: 6.99 min Scan# 681

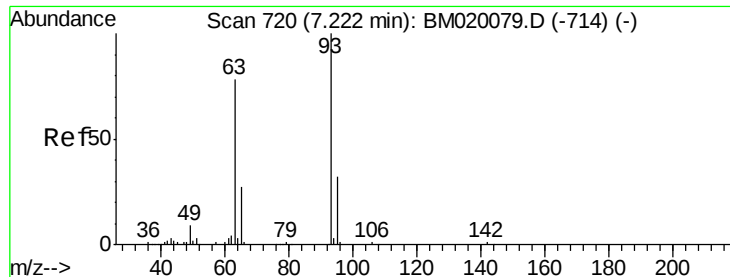
Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Tgt Ion:	94	Resp:	566189
Ion	Ratio	Lower	Upper
94	100		
65	33.2	17.0	57.0
66	48.8	34.5	74.5





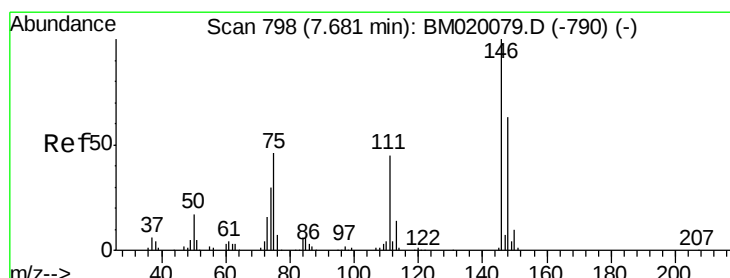
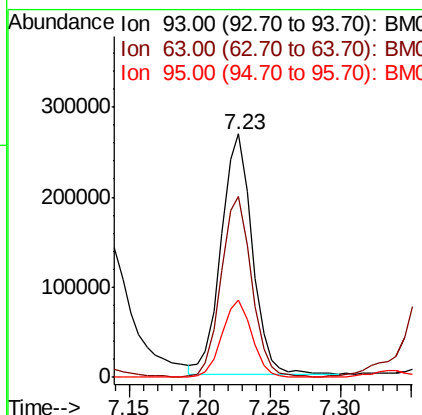
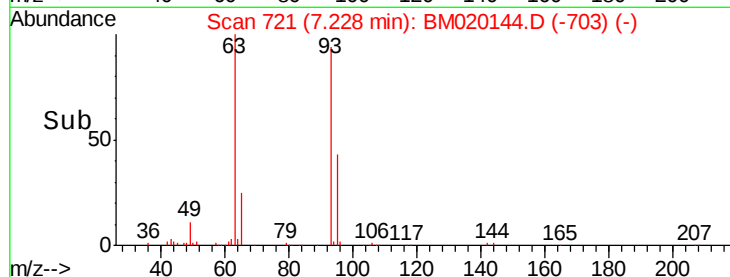
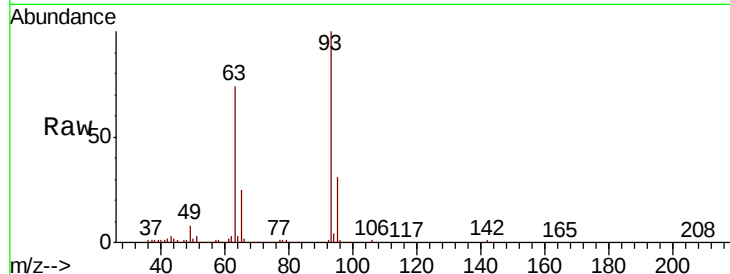
#11
bis(2-Chloroethyl)ether
Concen: 48.471 ng
RT: 7.23 min Scan# 721
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	405550		
63	74.1	57.9	97.9	
95	31.5	11.3	51.3	

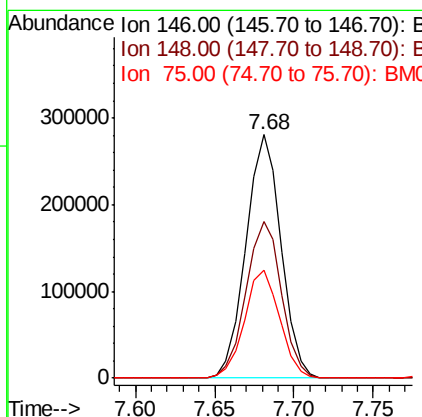
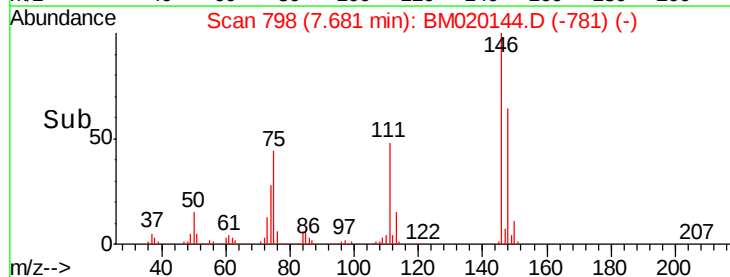
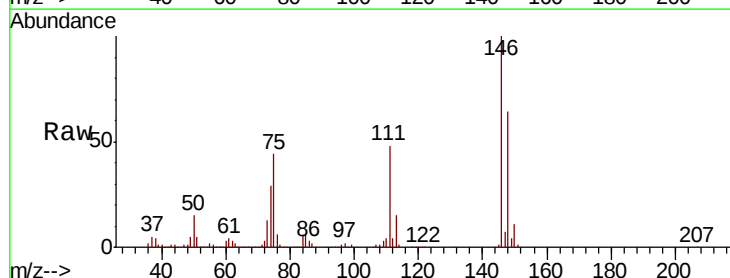
Manual Integrations
APPROVED

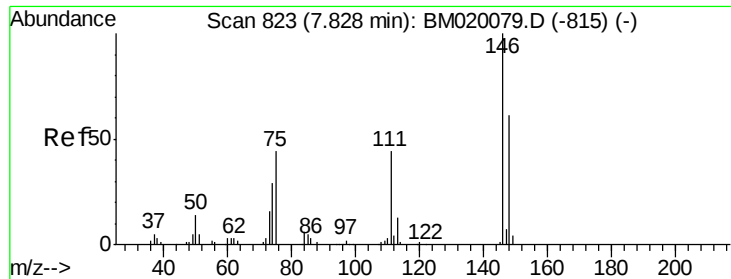
mohammad
5/7/2019 3:11:45 PM



#12
1,3-Dichlorobenzene
Concen: 43.535 ng
RT: 7.68 min Scan# 798
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	431700		
148	64.2	50.1	75.1	
75	44.2	37.2	55.8	





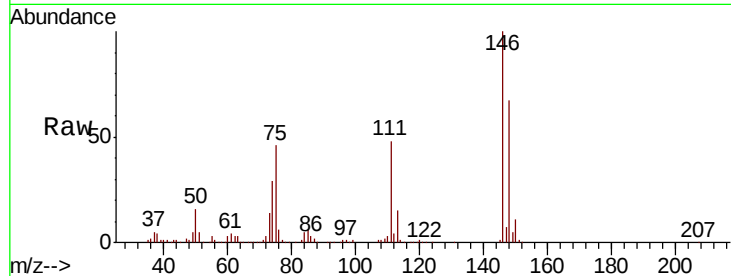
#13
 1,4-Dichlorobenzene
 Concen: 43.434 ng
 RT: 7.83 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	48.5	72.7
111	47.8	35.7	53.5

Manual Integrations
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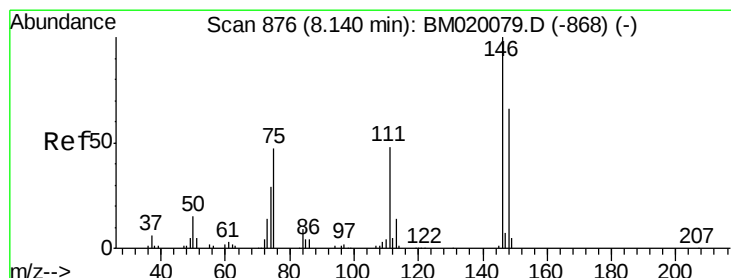
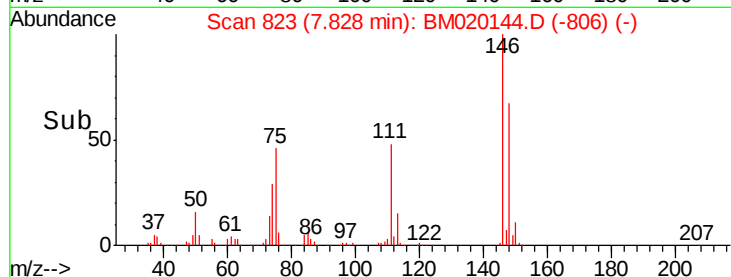
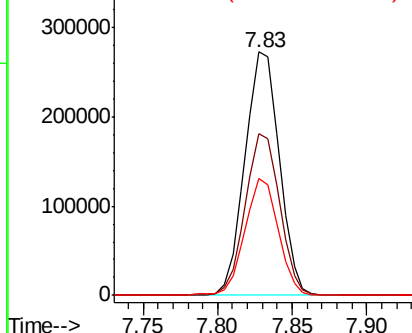


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.123 ng
 RT: 8.15 min Scan# 877
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

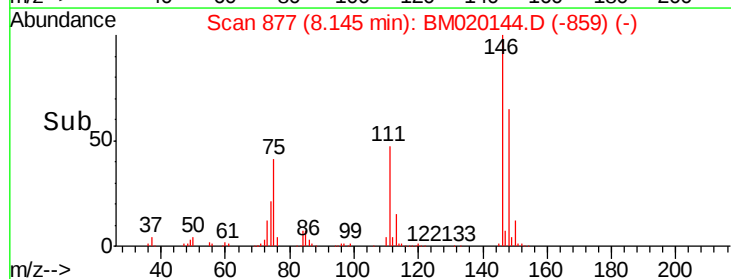
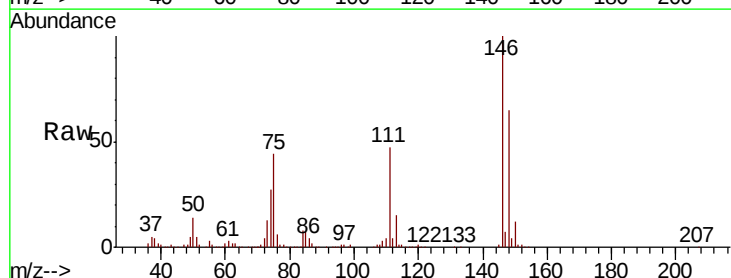
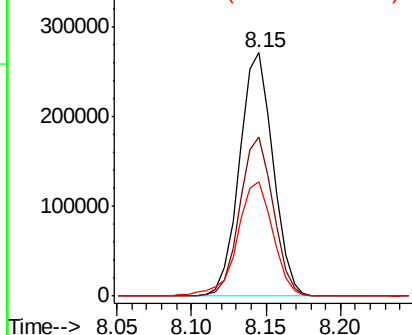
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	79.0
111	47.0	39.0	58.4

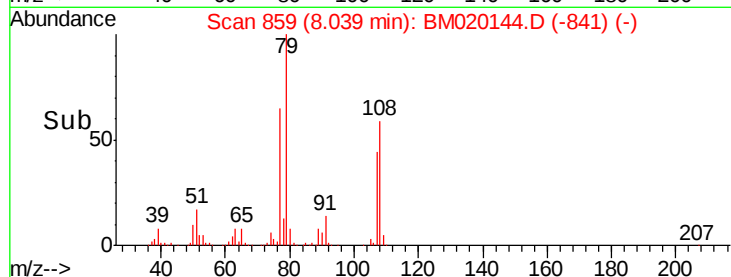
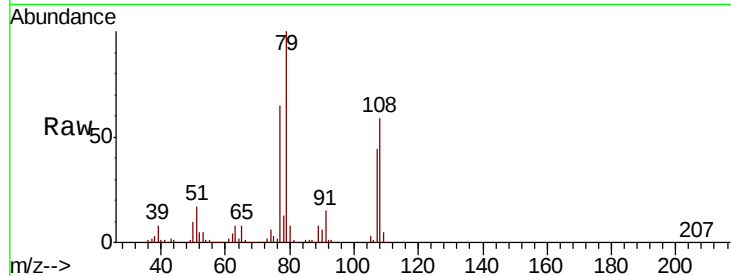
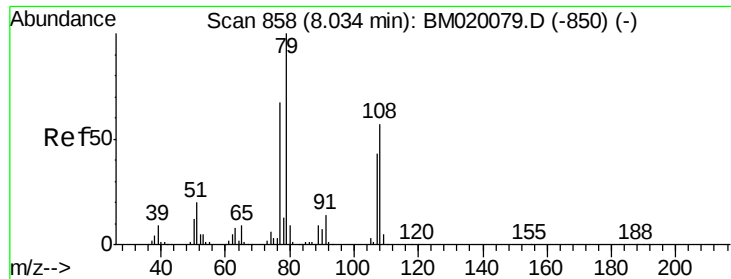
Abundance

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





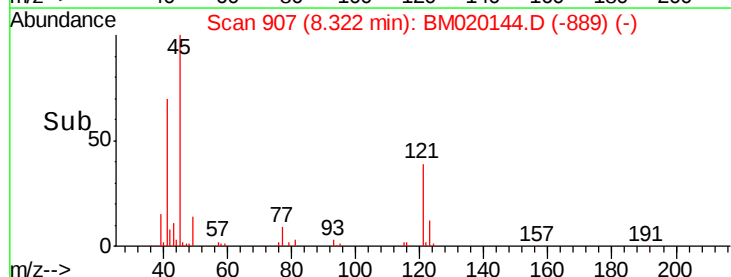
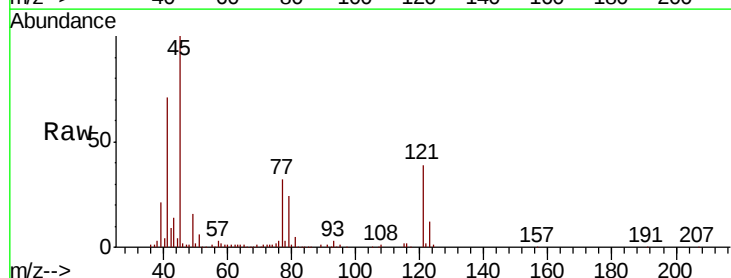
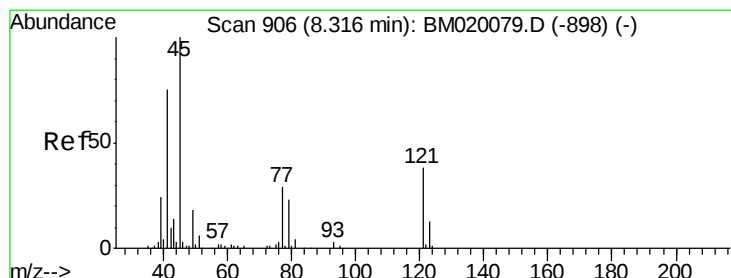
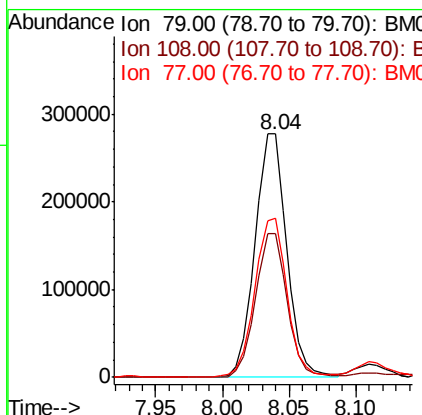
#15
Benzyl Alcohol
Concen: 43.983 ng
RT: 8.04 min Scan# 859
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tot Ion	Ratio	Resp	Lower	Upper
79	100	453515		
108	59.1	46.0	69.0	
77	65.2	53.8	80.6	

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

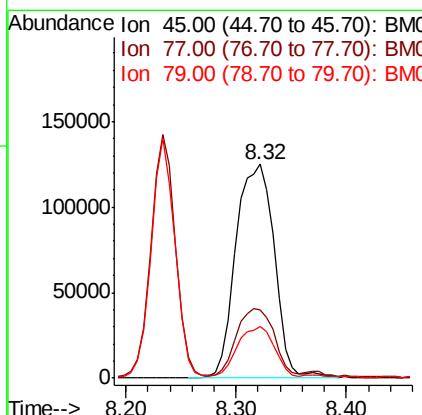
Manual Integrations
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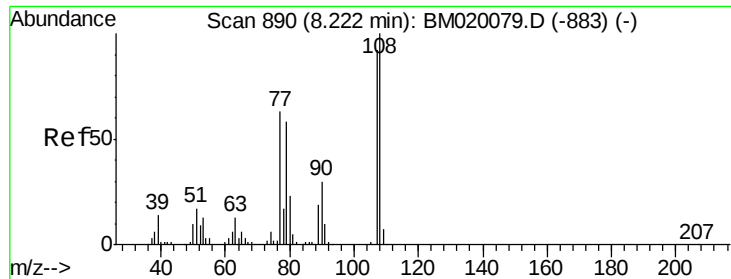
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.291 ng
RT: 8.32 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	307286		
77	31.9	10.5	50.5	
79	23.9	3.3	43.3	





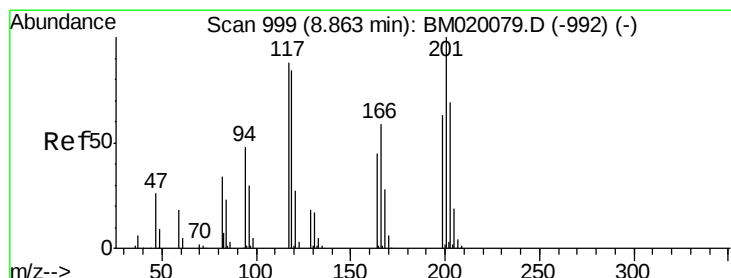
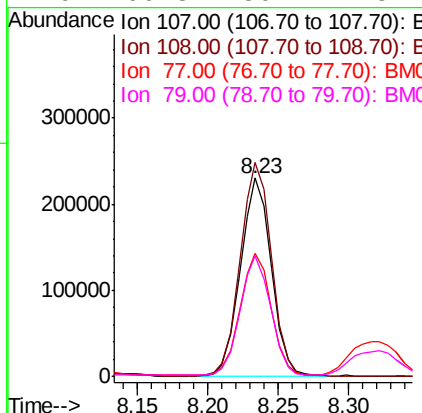
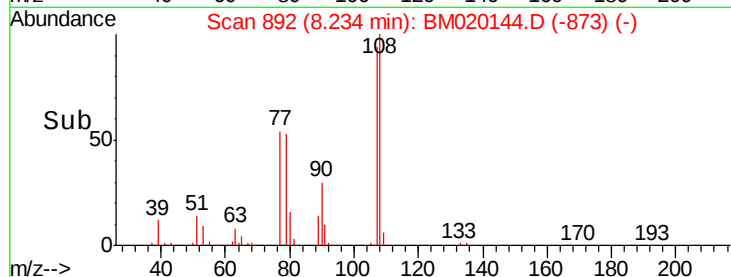
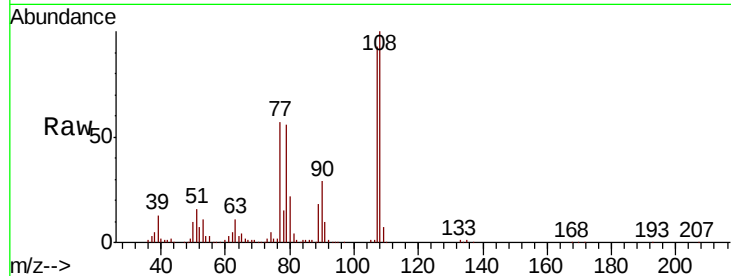
#17
2-Methylphenol
Concen: 47.557 ng
RT: 8.23 min Scan# 892
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion:	107	Resp:	352422
Ion Ratio	Lower	Upper	
107	100		
108	107.9	87.0	130.4
77	61.8	54.7	82.1
79	60.8	50.1	75.1

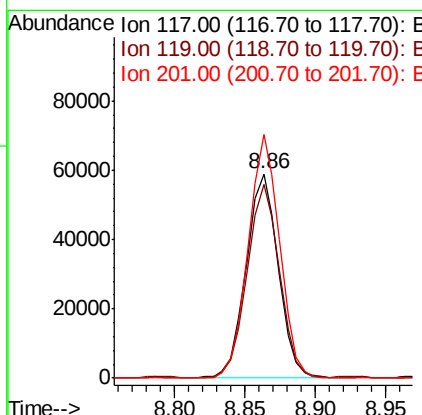
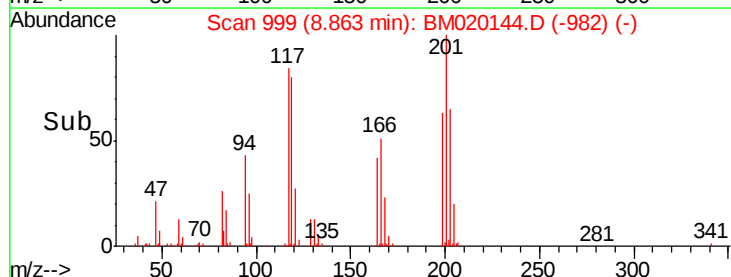
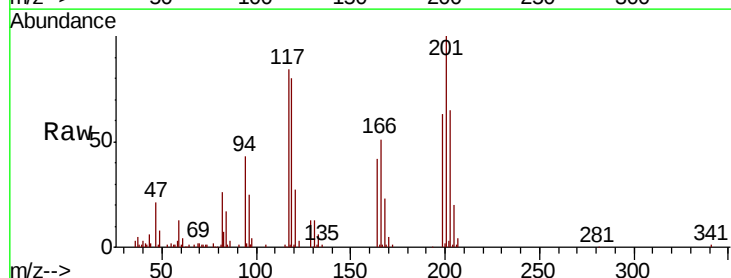
Manual Integrations
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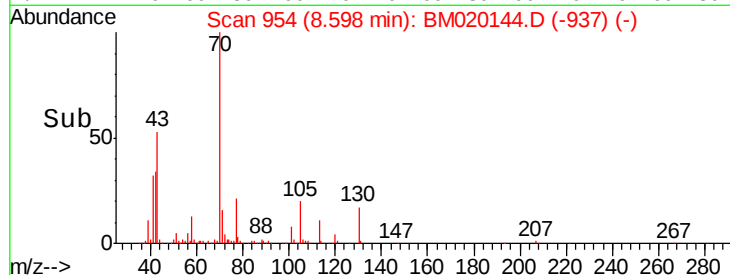
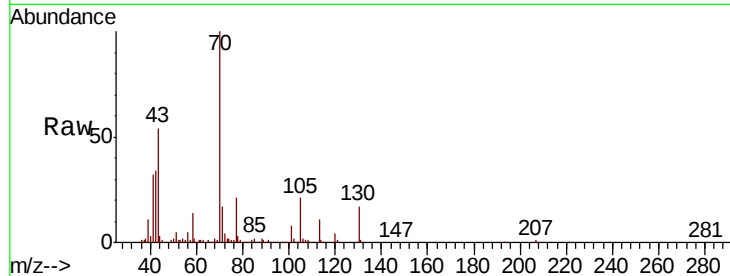
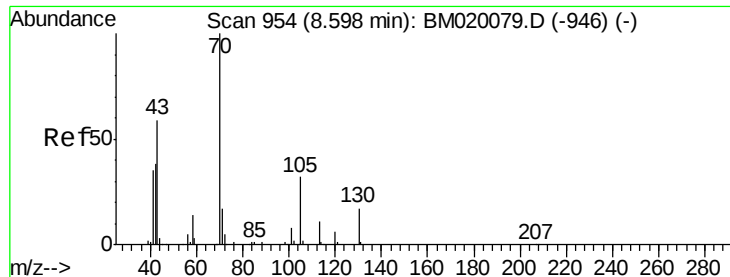
mohammad
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#18
Hexachloroethane
Concen: 22.614 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion:	117	Resp:	94456
Ion Ratio	Lower	Upper	
117	100		
119	94.8	76.6	114.8
201	119.2	90.7	136.1





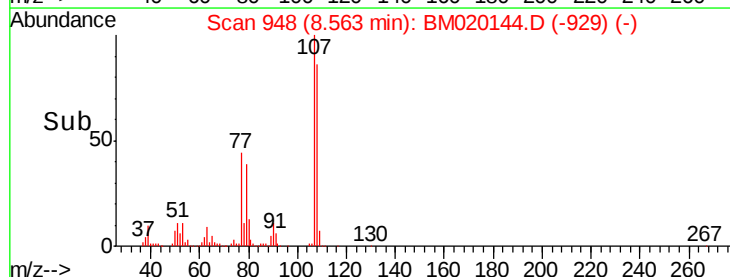
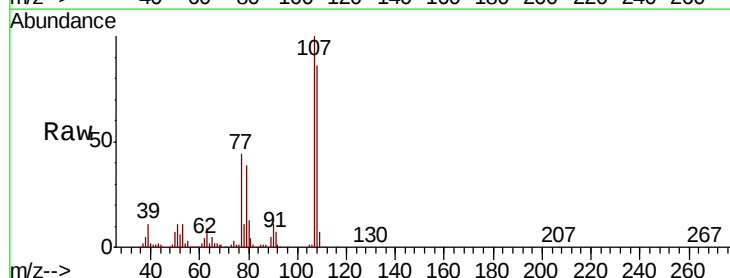
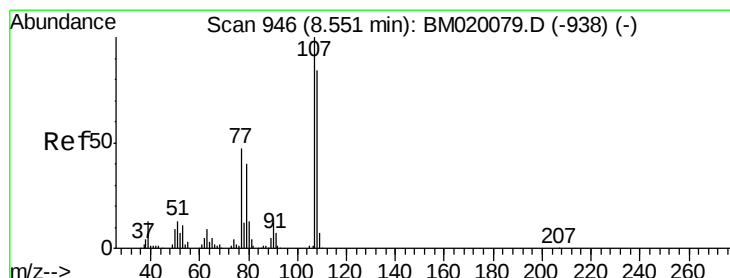
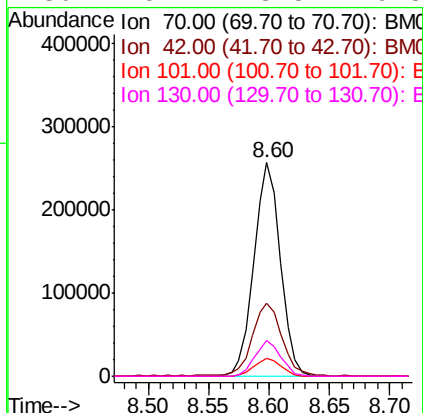
#19
n-Nitroso-di-n-propylamine
Concen: 43.045 ng
RT: 8.60 min Scan# 954
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	70	100	393806		
42	42	34.3		31.0	46.4
101	101	8.5		6.2	9.2
130	130	16.7		13.5	20.3

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

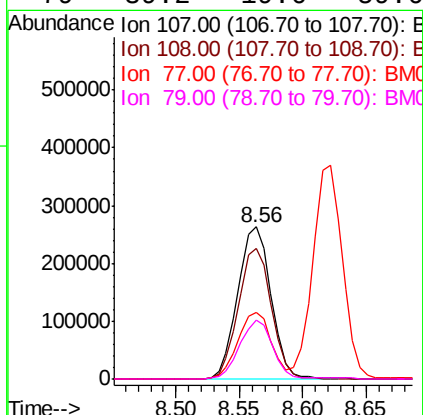
Manual Integrations
APPROVED

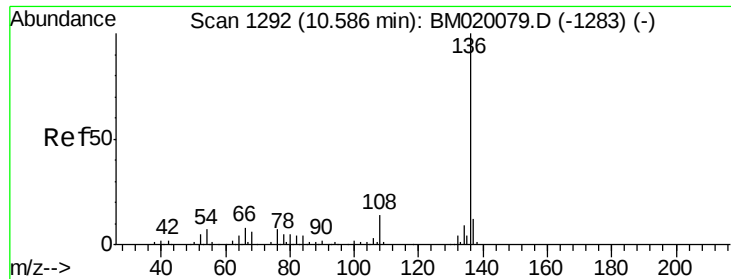
mohammad
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#20
3+4-Methylphenols
Concen: 48.934 ng
RT: 8.56 min Scan# 948
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	481944		
108	108	86.2		64.4	104.4
77	77	44.0		27.2	67.2
79	79	39.2		19.6	59.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

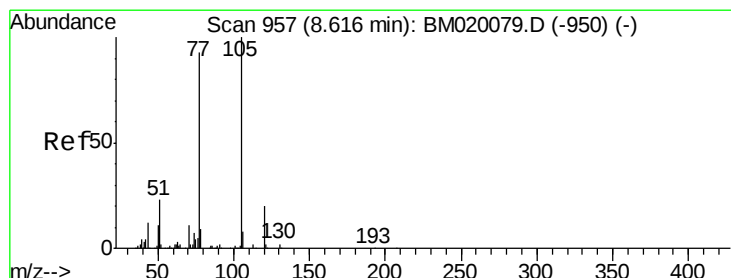
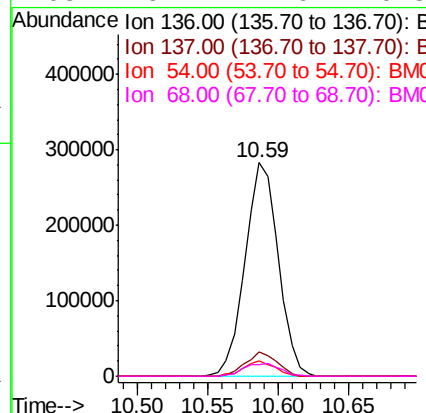
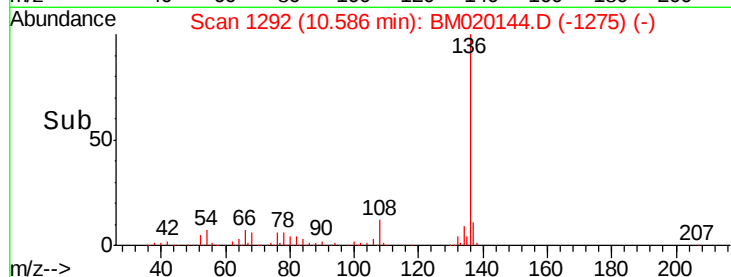
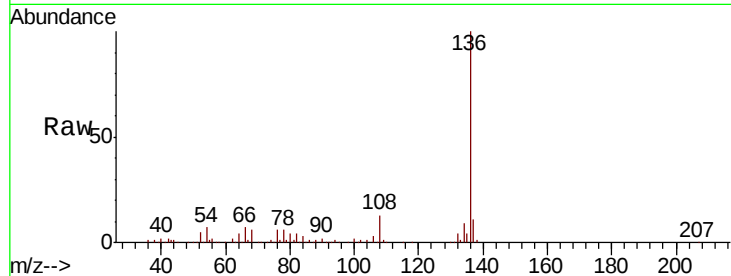
ClientSampleId :

SP-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	466050		
137	11.2	9.6	14.4	
54	7.0	5.5	8.3	
68	5.7	4.6	6.8	

Manual Integrations
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#22

Acetophenone

Concen: 50.321 ng

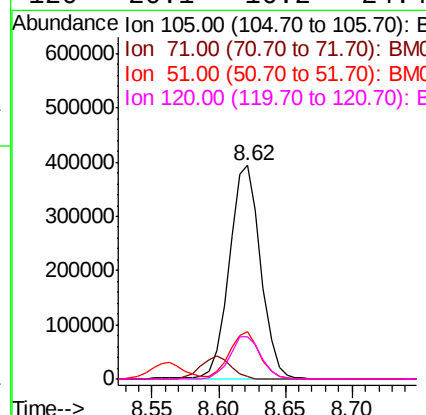
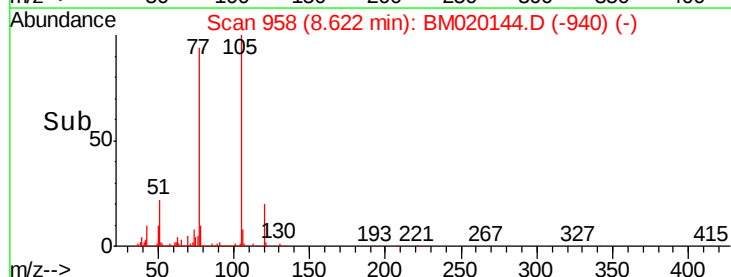
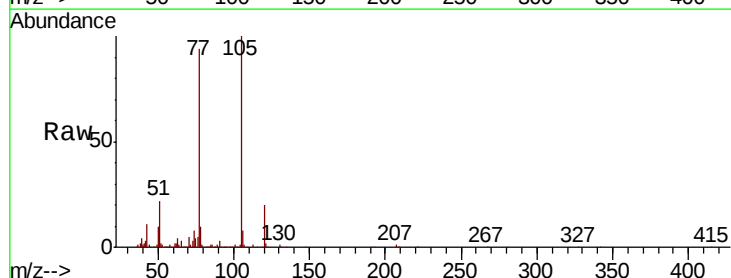
RT: 8.62 min Scan# 958

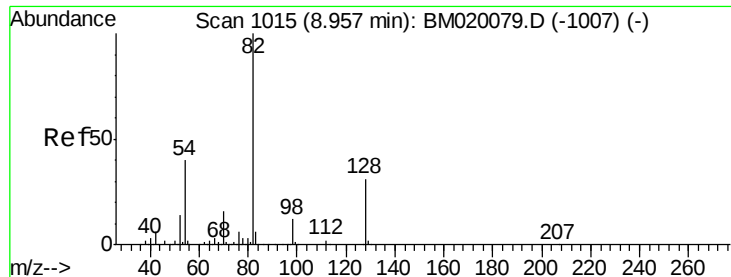
Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	640955		
71	0.9	2.2	3.2	#
51	22.0	19.3	28.9	
120	20.1	16.2	24.4	





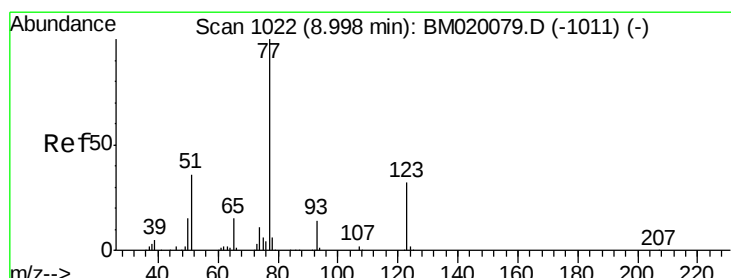
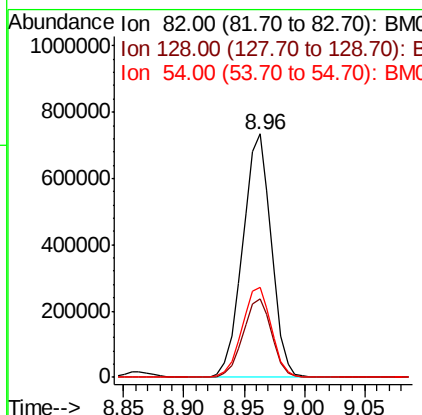
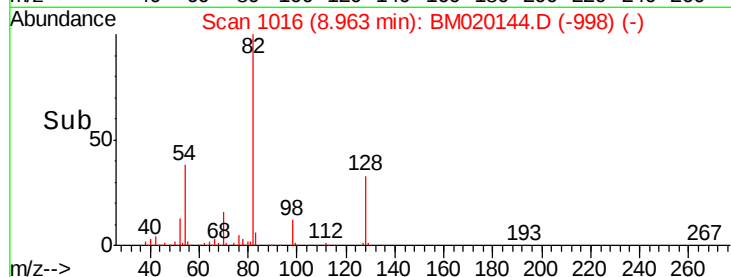
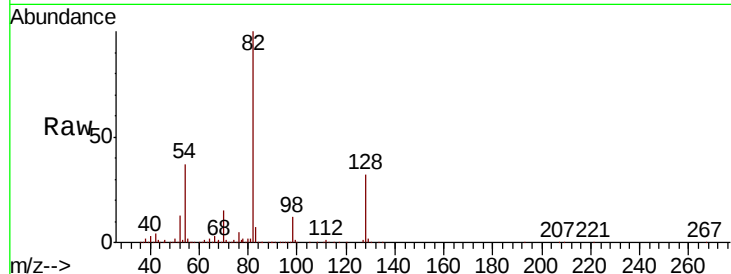
#23
Nitrobenzene-d5
Concen: 102.579 ng
RT: 8.96 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.4	25.2	37.8
54	37.0	31.9	47.9

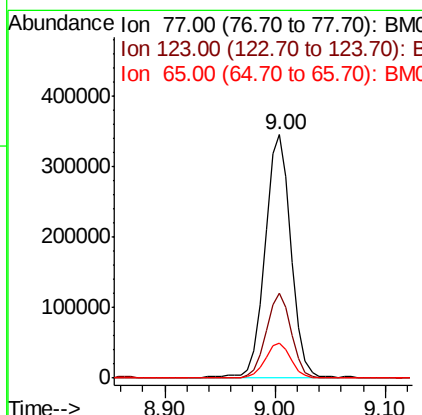
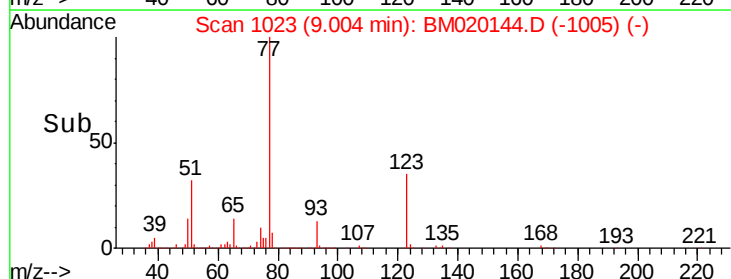
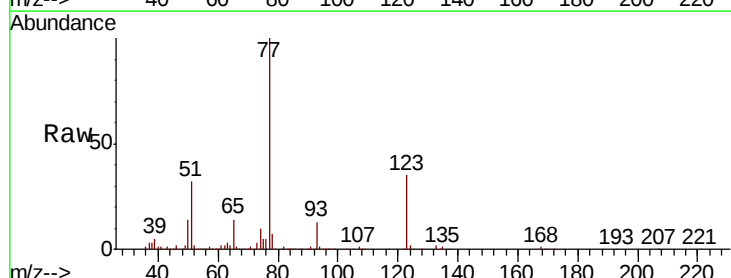
Manual Integrations
APPROVED

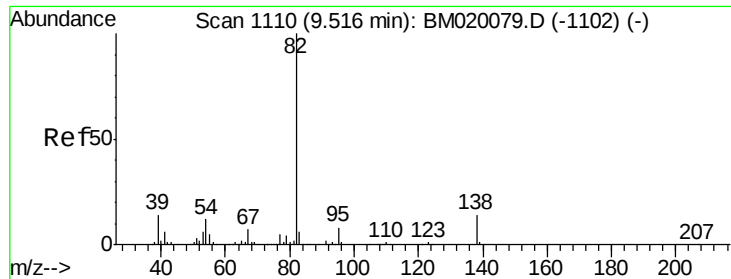
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#24
Nitrobenzene
Concen: 45.782 ng
RT: 9.00 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.0	25.5	38.3
65	14.4	11.8	17.6





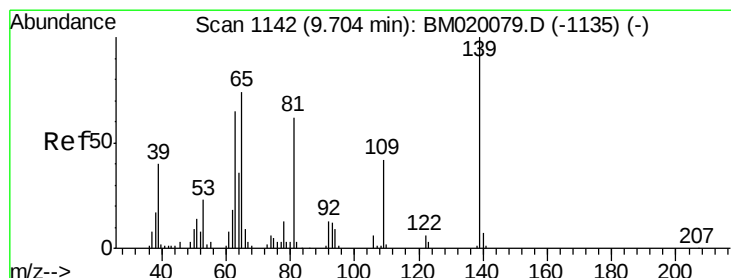
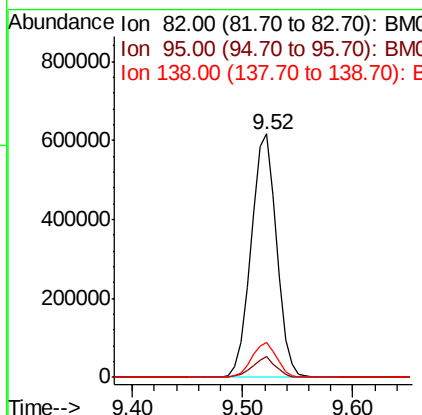
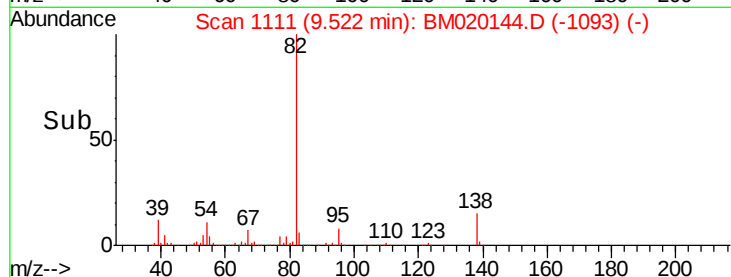
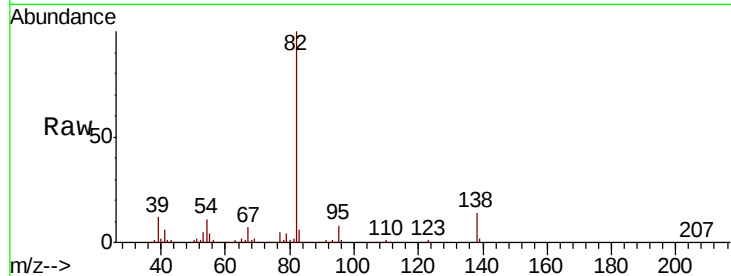
#25
Isophorone
Concen: 49.175 ng
RT: 9.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.4	9.6
138	14.5	11.1	16.7

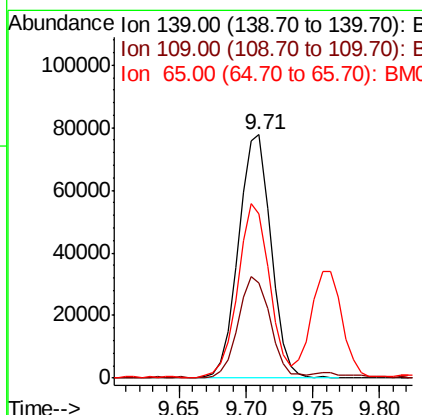
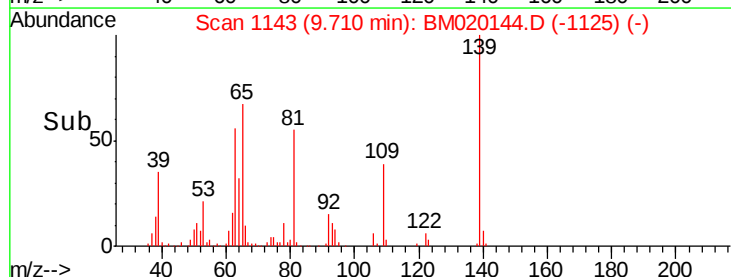
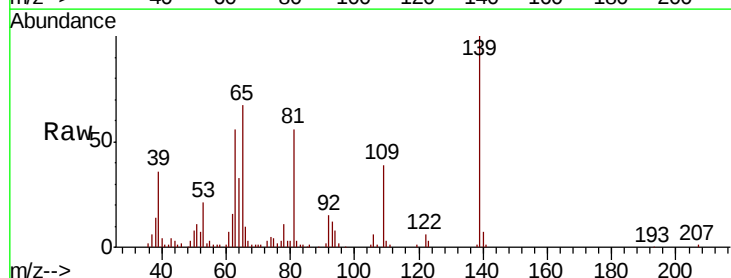
Manual Integrations
APPROVED

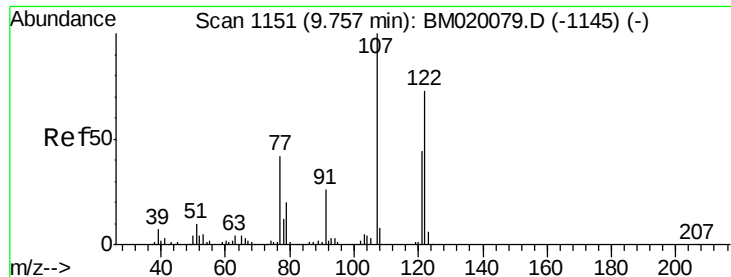
mohammad
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#26
2-Nitrophenol
Concen: 35.281 ng
RT: 9.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	39.0	33.7	50.5
65	67.5	59.5	89.3





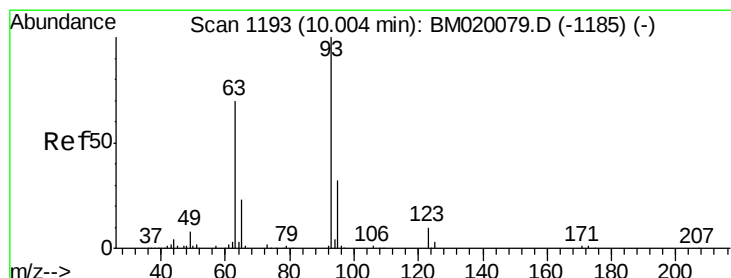
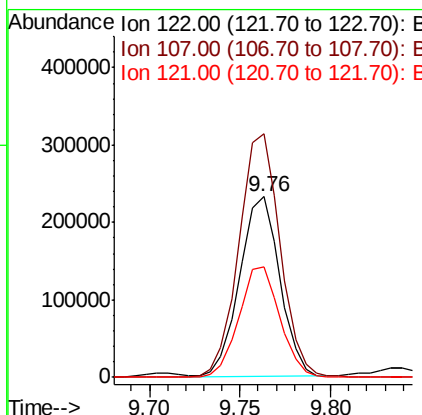
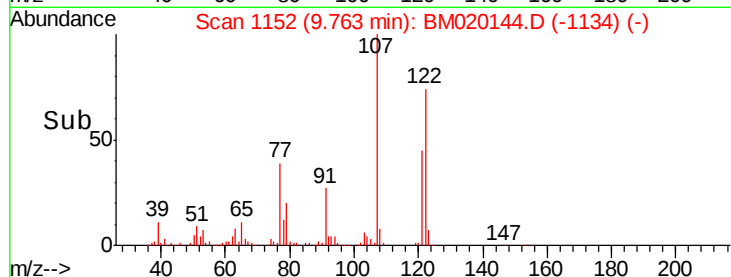
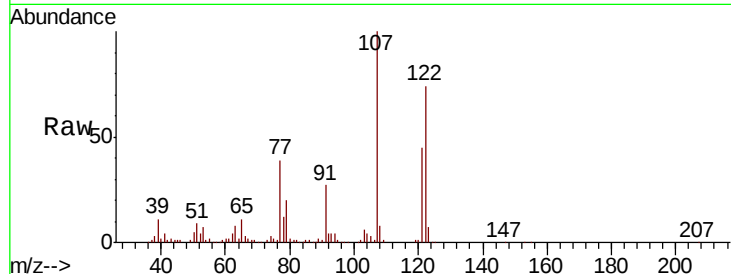
#27
2,4-Dimethylphenol
Concen: 58.327 ng
RT: 9.76 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	135.1	108.6	162.8		
121	61.1	47.4	71.2		

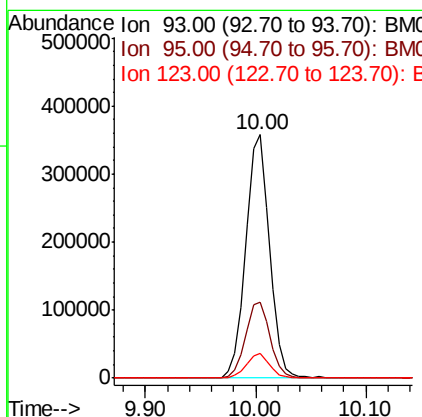
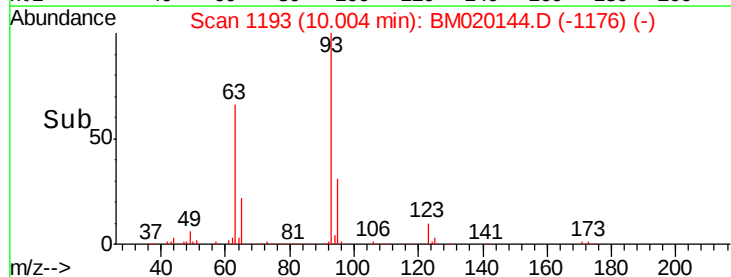
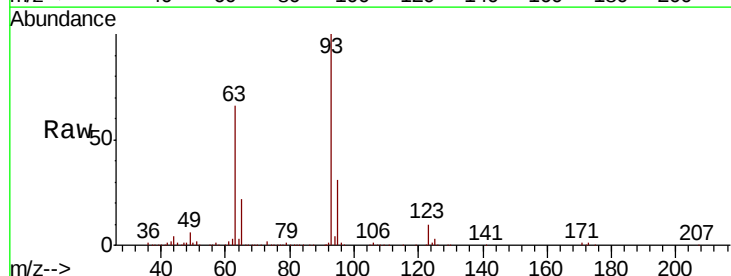
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#28
bis(2-Chloroethoxy)methane
Concen: 49.043 ng
RT: 10.00 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.1	25.5	38.3		
123	10.2	7.6	11.4		





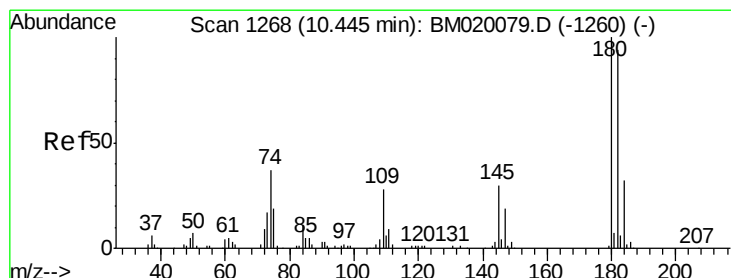
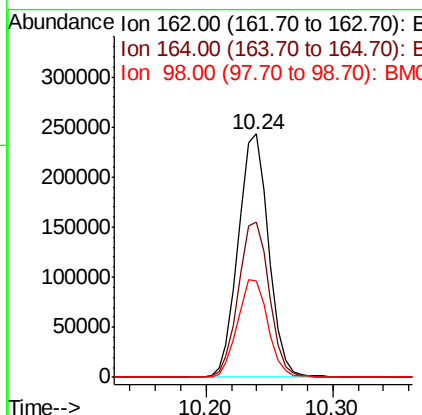
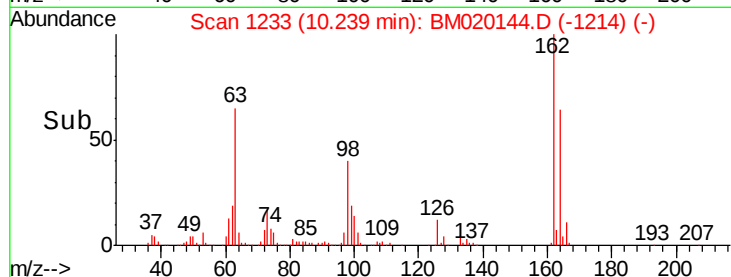
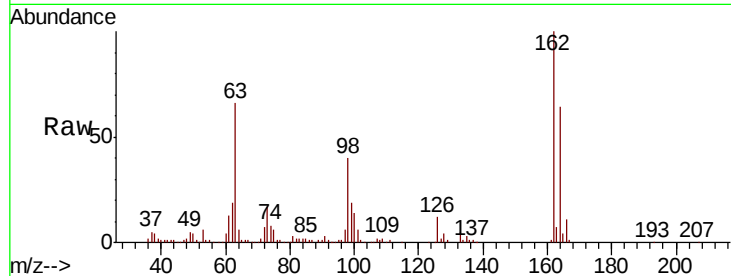
#29
 2,4-Dichlorophenol
 Concen: 52.428 ng
 RT: 10.24 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion:	162	Resp:	406698
Ion Ratio	Lower	Upper	
162	100		
164	64.0	45.6	85.6
98	39.7	20.4	60.4

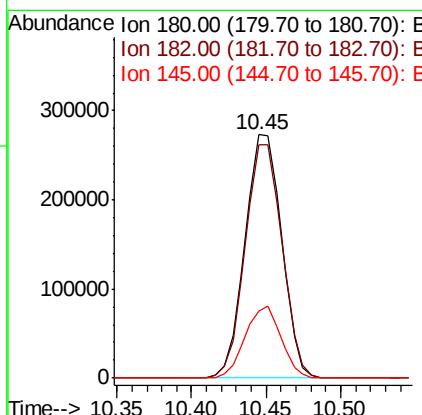
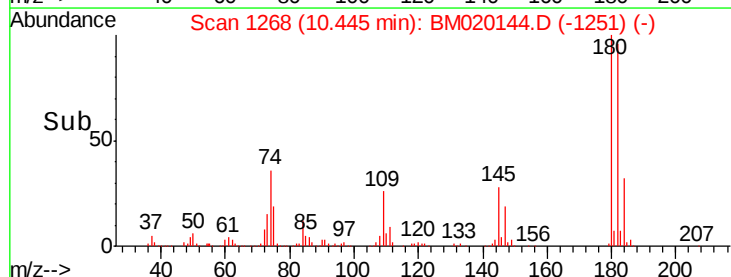
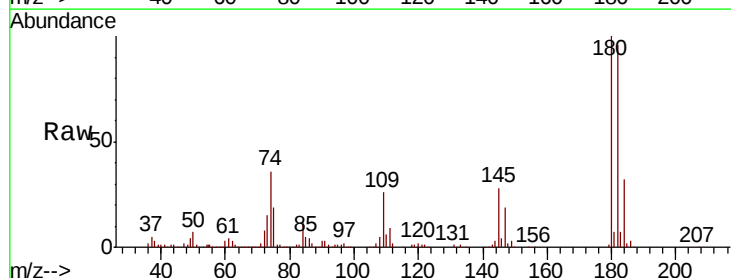
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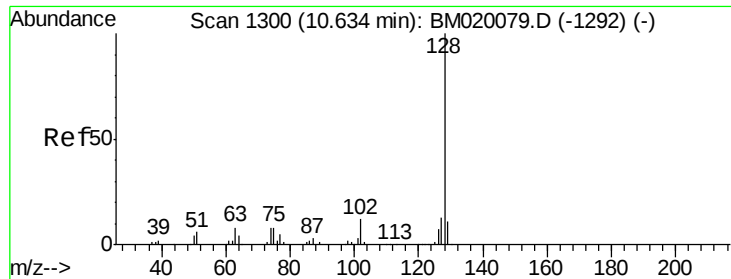
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.697 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion:	180	Resp:	464812
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.4	113.0
145	27.8	23.8	35.8





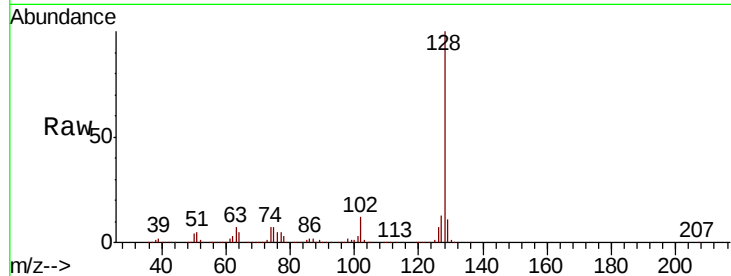
#31
Naphthalene
Concen: 49.410 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.0	10.4	15.6

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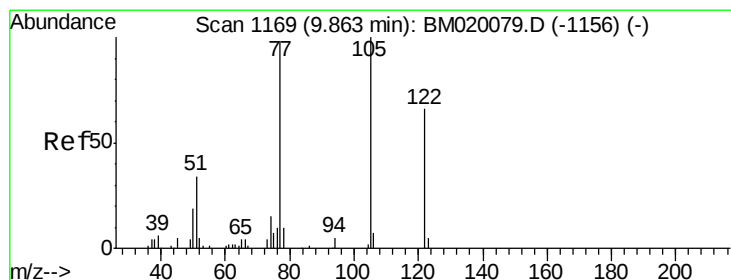
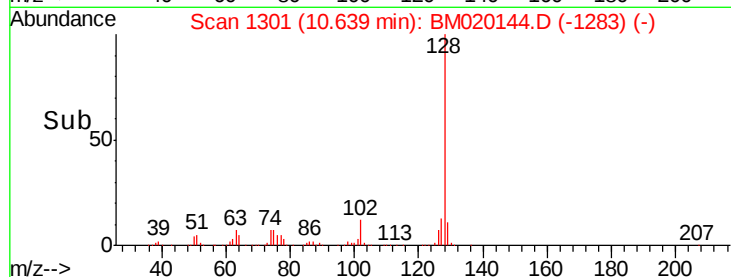
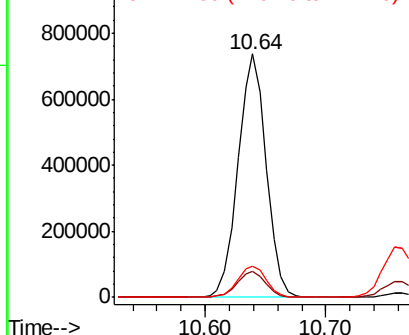


Abundance

Ion 128.00 (127.70 to 128.70): E

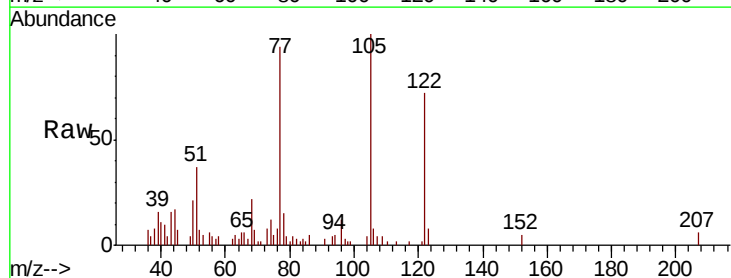
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 11.710 ng
RT: 9.83 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.7	122.5	162.5
77	130.7	123.3	163.3

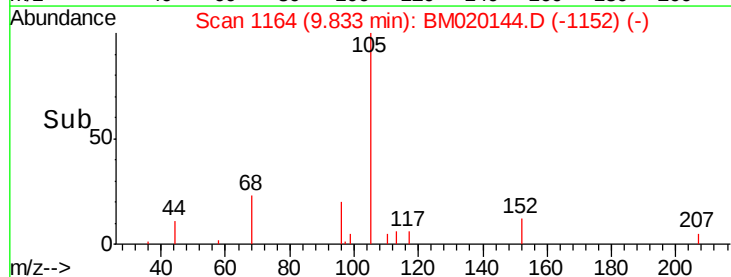
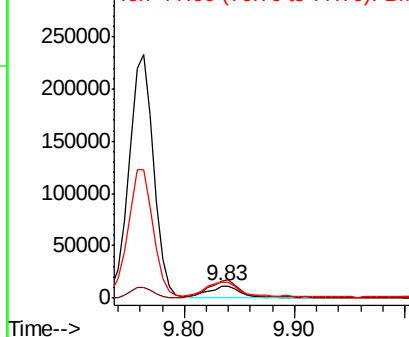


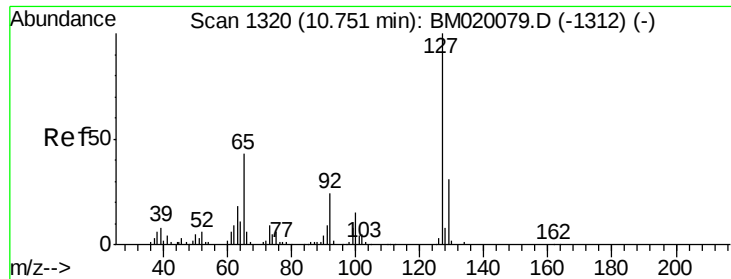
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





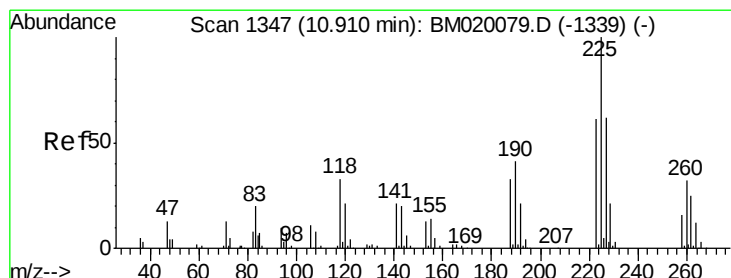
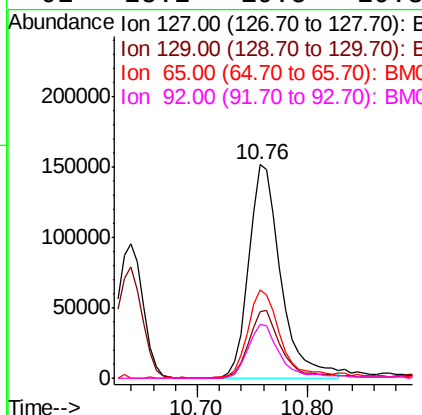
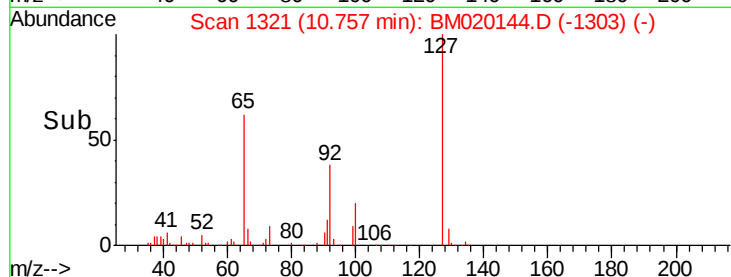
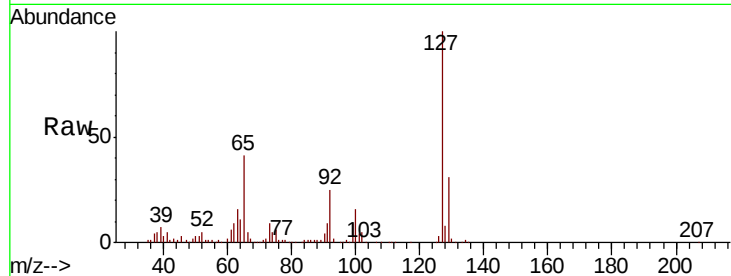
#33
4-Chloroaniline
Concen: 31.267 ng
RT: 10.76 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		311238		
129	31.1	24.7	37.1		
65	41.2	34.6	52.0		
92	25.2	19.5	29.3		

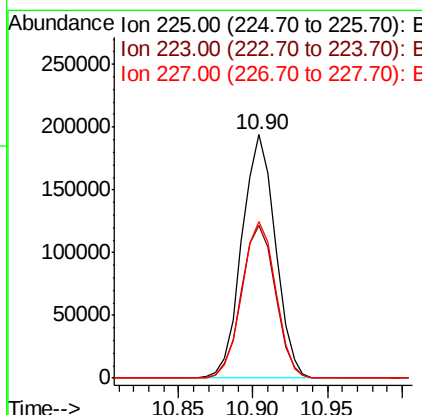
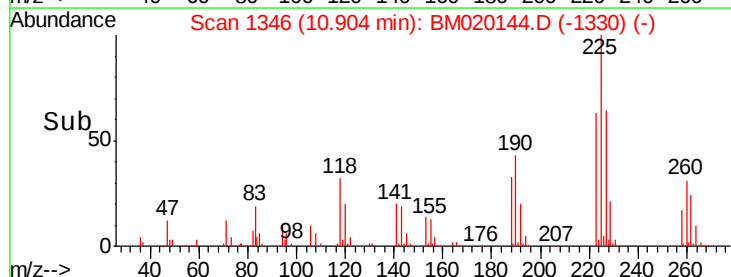
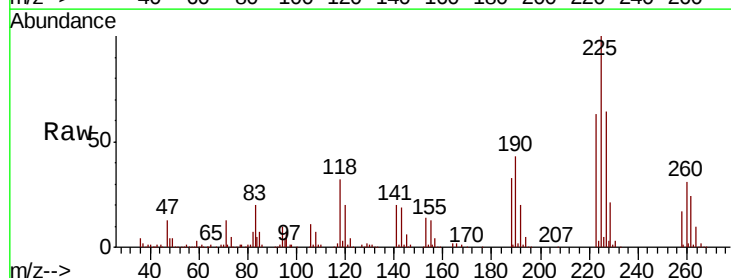
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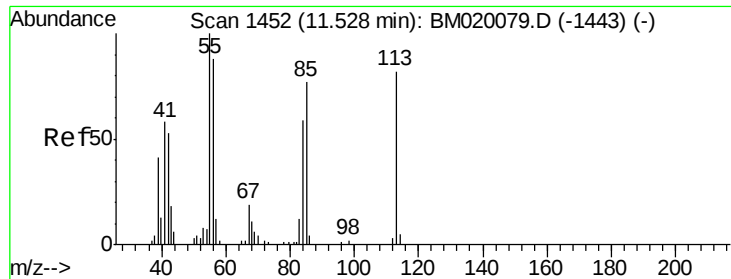
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#34
Hexachlorobutadiene
Concen: 44.573 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		300963		
223	62.7	48.9	73.3		
227	64.1	49.6	74.4		





#35

Caprolactam

Concen: 52.042 ng/mL

RT: 11.56 min Scan# 1458

Delta R.T. 0.04 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

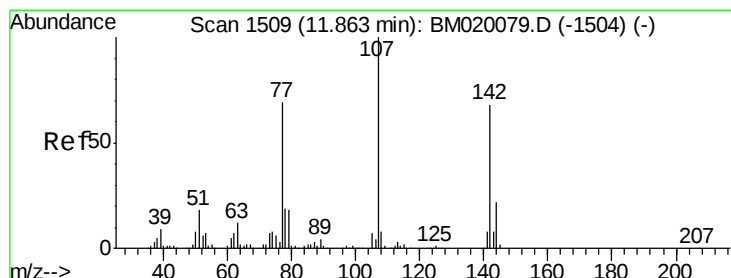
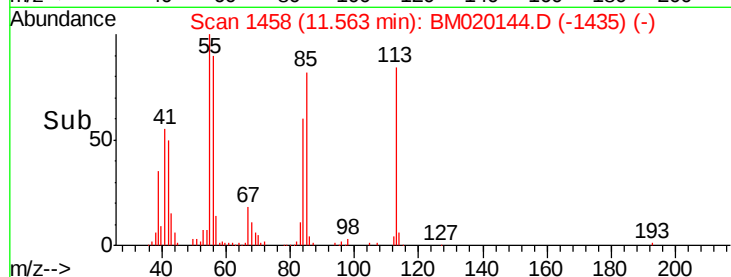
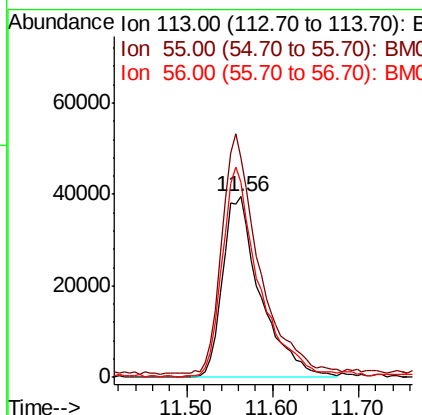
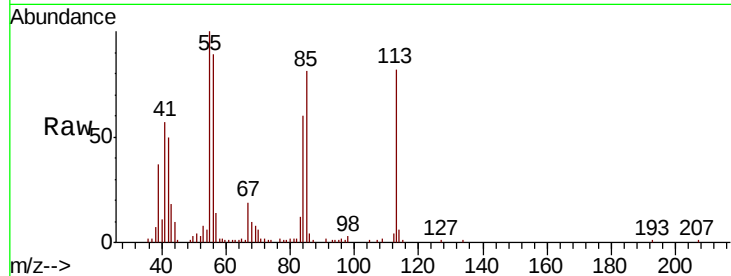
ClientSampleId :

SP-02-COMPMS

Tot Ion:	113	Resp:	120711
Ion Ratio	Lower	Upper	
113	100		
55	121.7	102.5	142.5
56	108.0	87.7	127.7

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#36

4-Chloro-3-methylphenol

Concen: 49.180 ng/mL

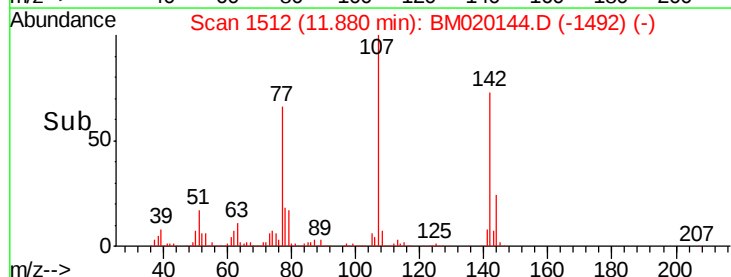
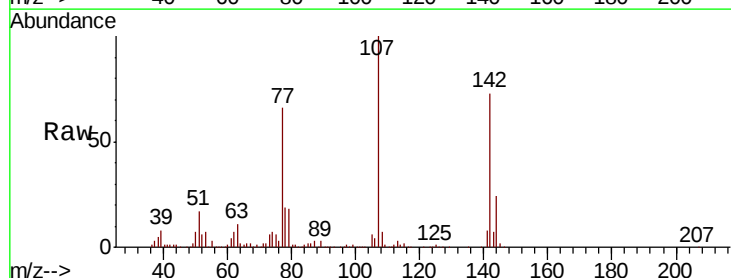
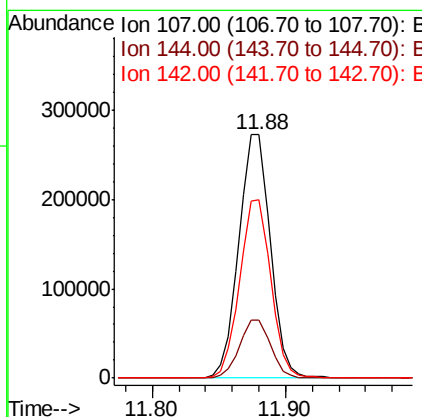
RT: 11.88 min Scan# 1512

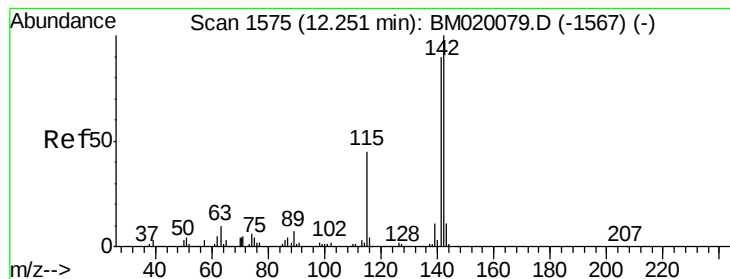
Delta R.T. 0.02 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Tgt Ion:	107	Resp:	448316
Ion Ratio	Lower	Upper	
107	100		
144	24.1	17.6	26.4
142	73.1	54.6	82.0





#37

2-Methylnaphthalene

Concen: 49.202 ng

RT: 12.25 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

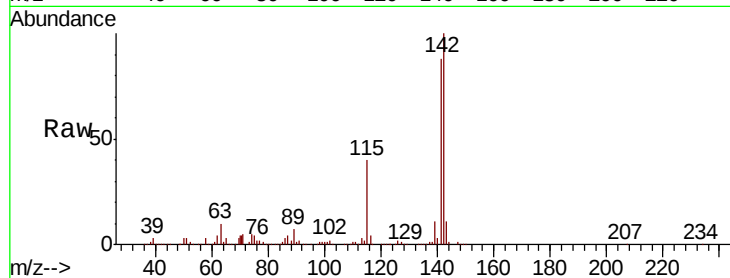
ClientSampleId :

SP-02-COMPMS

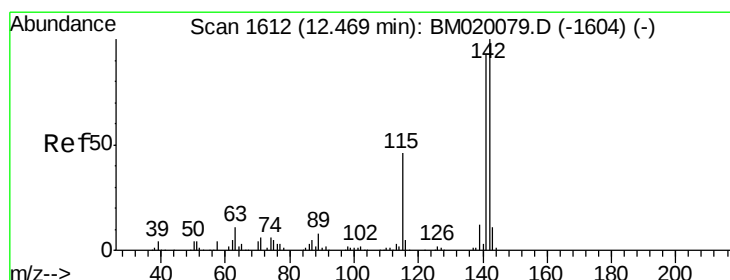
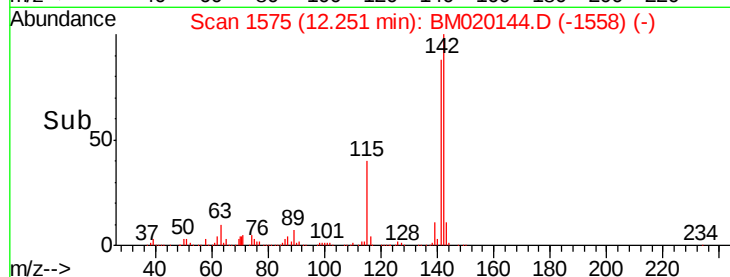
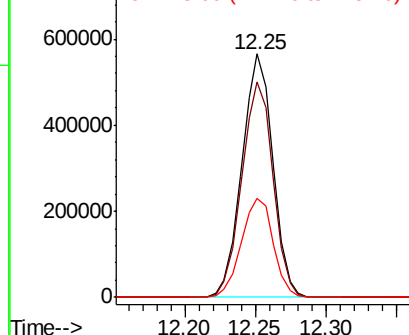
Tot Ion:	142	Resp:	867518
Ion Ratio	Lower	Upper	
142	100		
141	88.3	71.6	107.4
115	40.5	35.8	53.6

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.816 ng

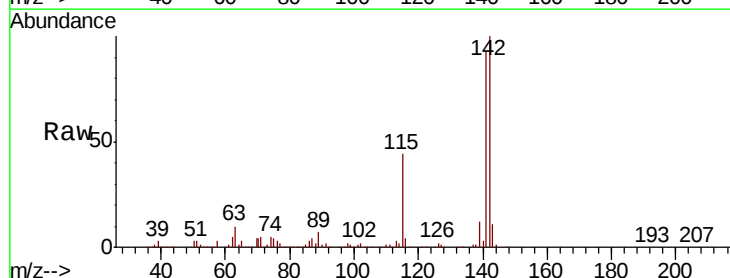
RT: 12.47 min Scan# 1613

Delta R.T. 0.01 min

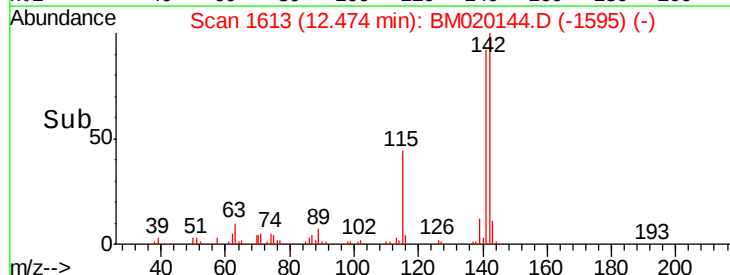
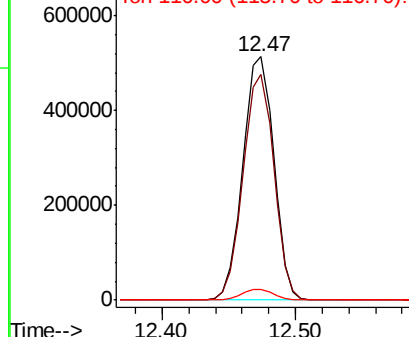
Lab File: BM020144.D

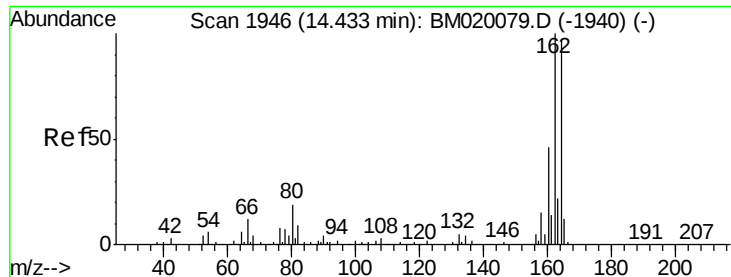
Acq: 06 May 2019 20:14

Tgt Ion:	142	Resp:	824417
Ion Ratio	Lower	Upper	
142	100		
141	92.8	74.8	112.2
116	4.4	3.9	5.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





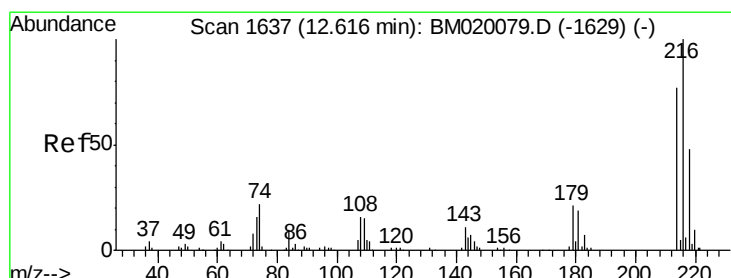
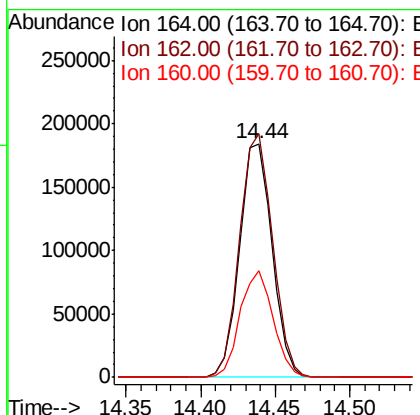
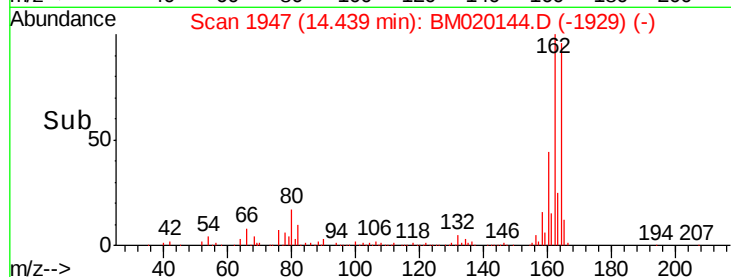
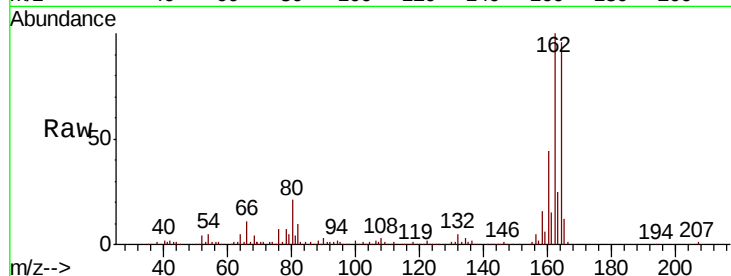
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	82.2	123.2	
160	45.5	37.6	56.4	

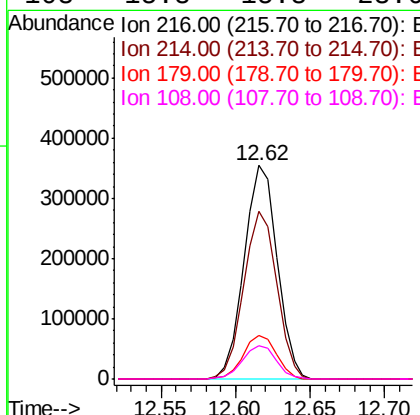
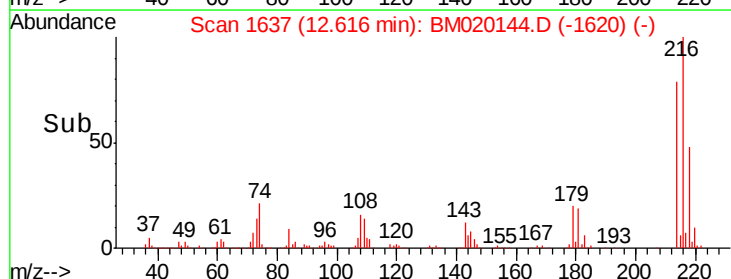
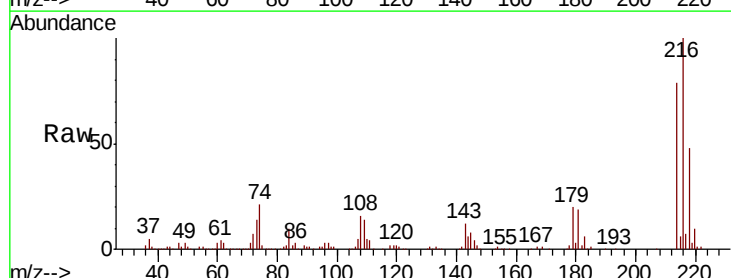
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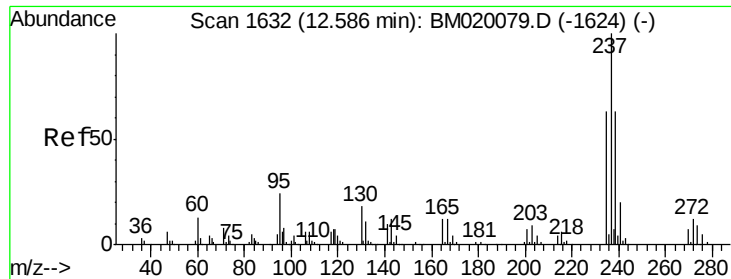
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.802 ng
RT: 12.62 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	62.6	94.0	
179	20.6	17.1	25.7	
108	15.8	15.8	23.6	





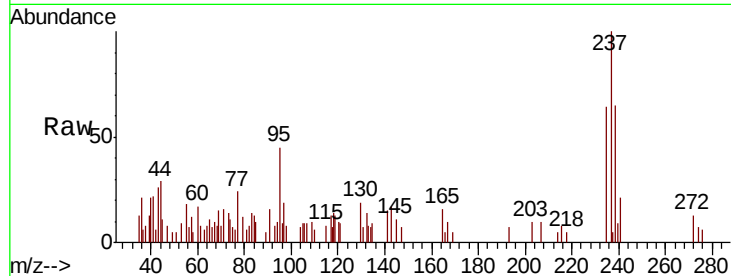
#41
Hexachlorocyclopentadiene
Concen: 1.544 ng
RT: 12.58 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	9912		
235	64.5	43.4	83.4	
272	13.2	0.0	31.7	

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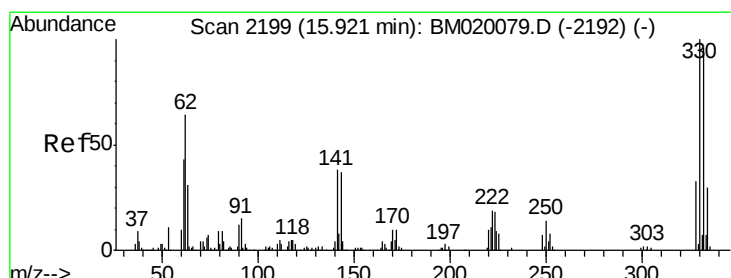
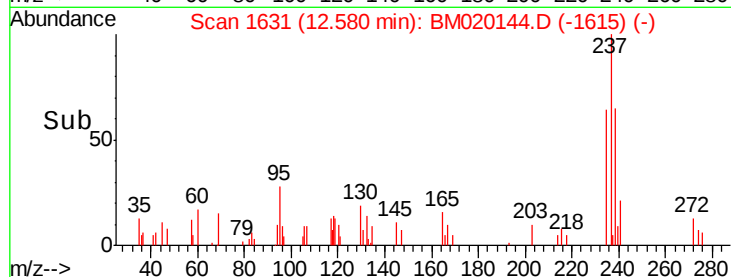
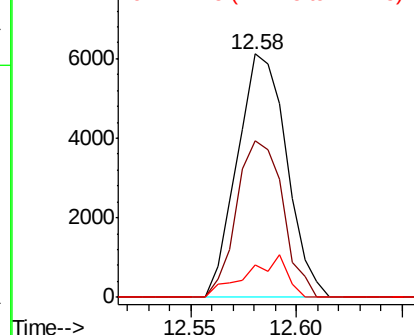


Abundance

Ion 236.80 (236.50 to 237.50): E

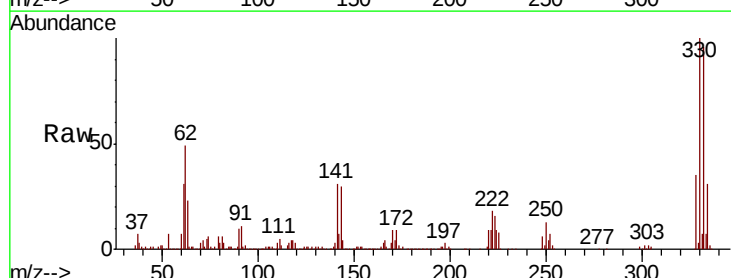
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 169.627 ng
RT: 15.93 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	733601		
332	97.6	76.8	115.2	
141	33.8	29.2	43.8	

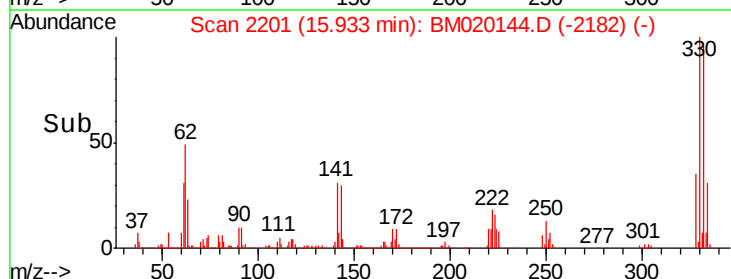
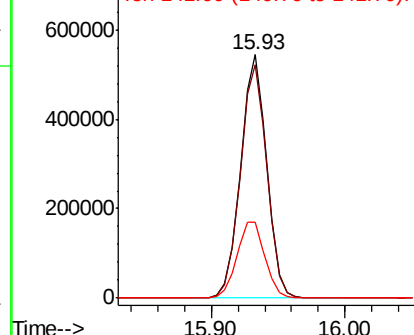


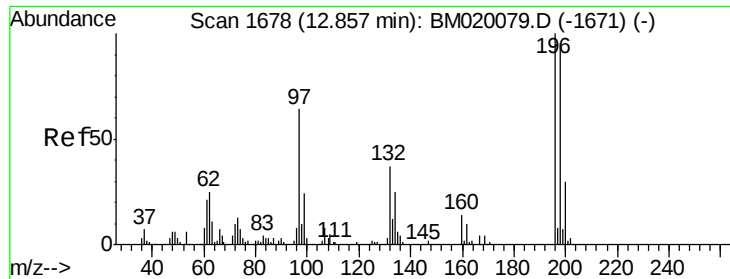
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





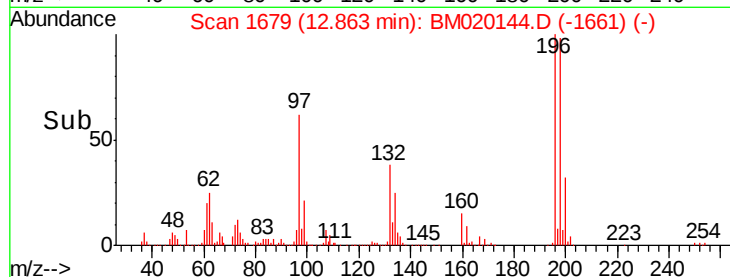
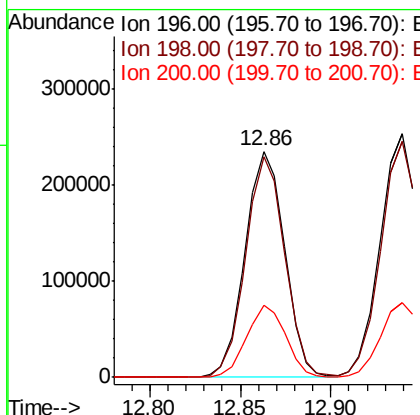
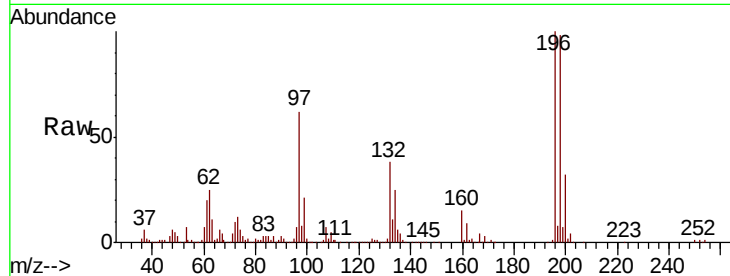
#43
 2,4,6-Trichlorophenol
 Concen: 57.925 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	358864		
198	97.9	76.2	114.2	
200	31.8	24.3	36.5	

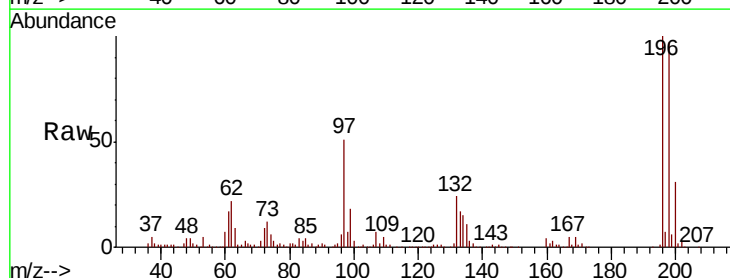
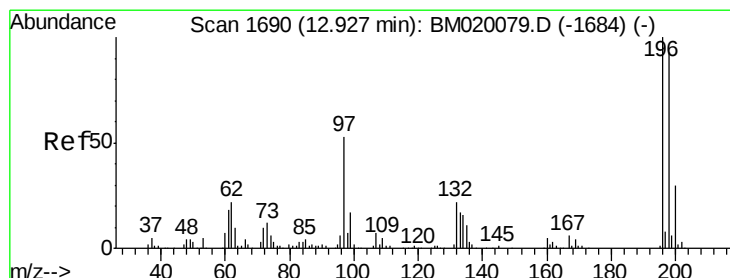
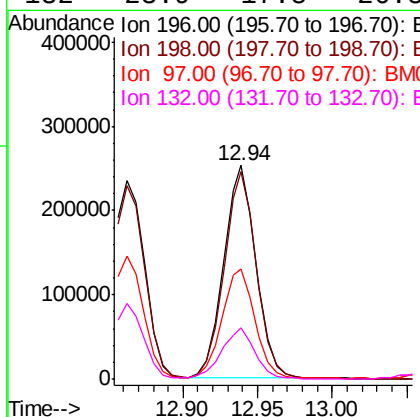
Manual Integrations
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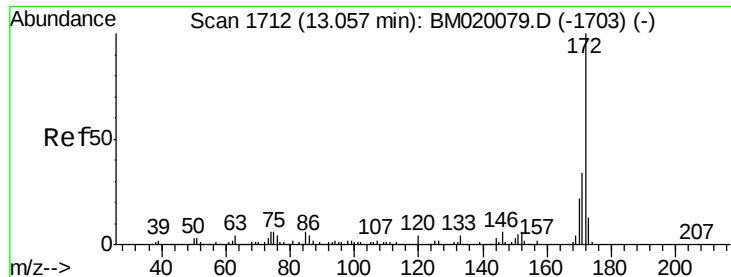
mohammad
 5/7/2019 3:11:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.223 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	382201		
198	96.9	74.7	112.1	
97	51.4	42.2	63.4	
132	23.9	17.8	26.8	





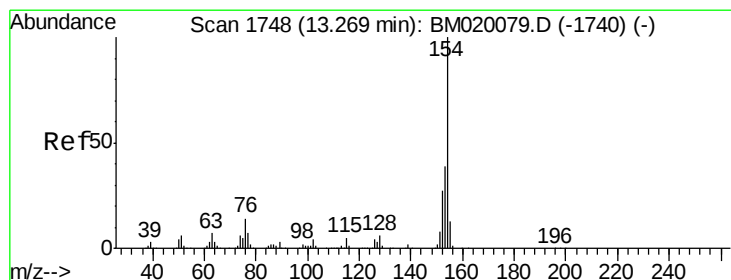
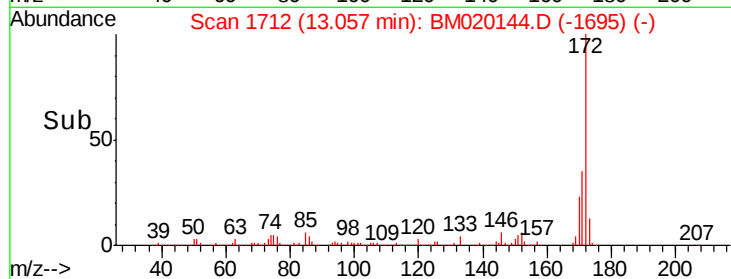
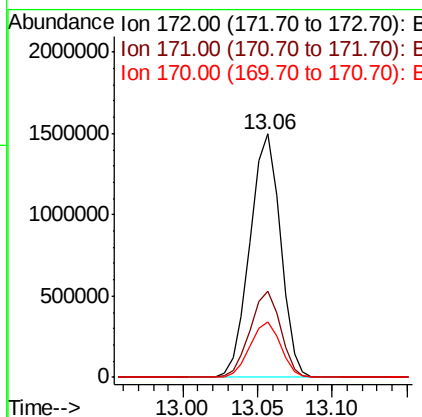
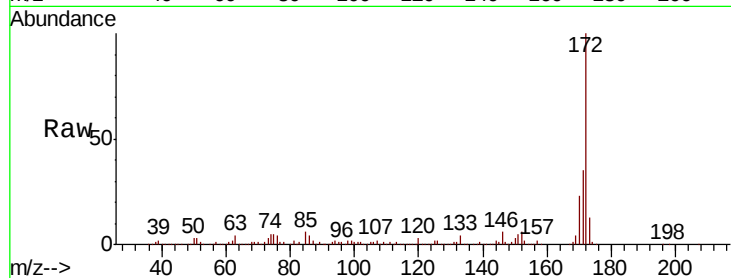
#45
2-Fluorobiphenyl
Concen: 93.253 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.0	17.9	26.9

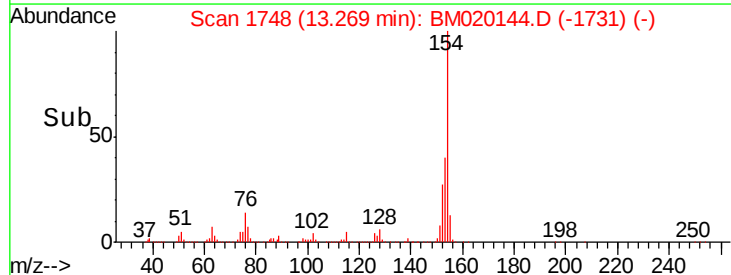
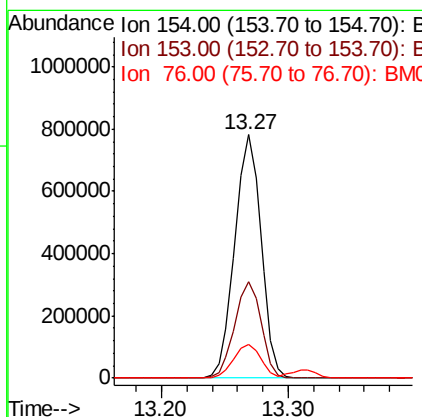
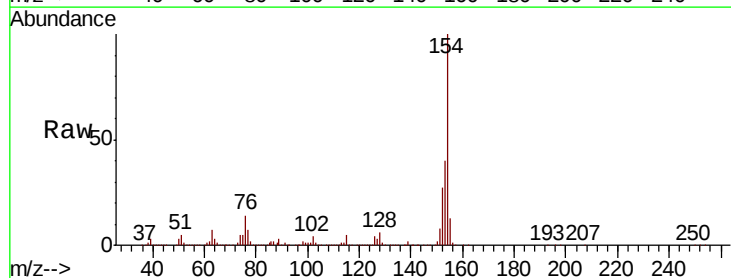
Manual Integrations
APPROVED

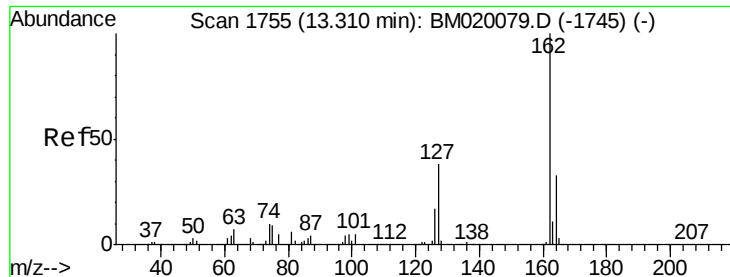
mohammad
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#46
1,1'-Biphenyl
Concen: 48.838 ng
RT: 13.27 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.4	59.4
76	13.7	0.0	34.5





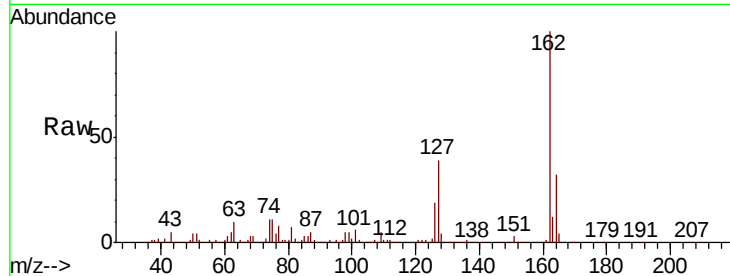
#47
2-Chloronaphthalene
Concen: 49.583 ng
RT: 13.31 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

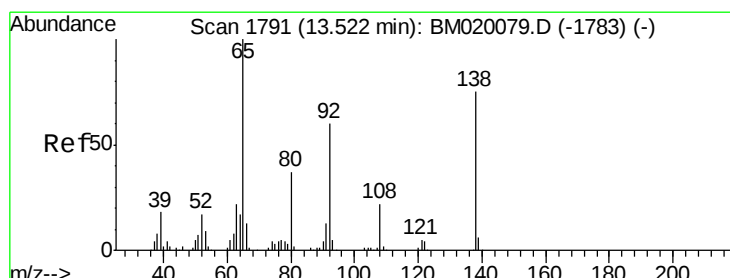
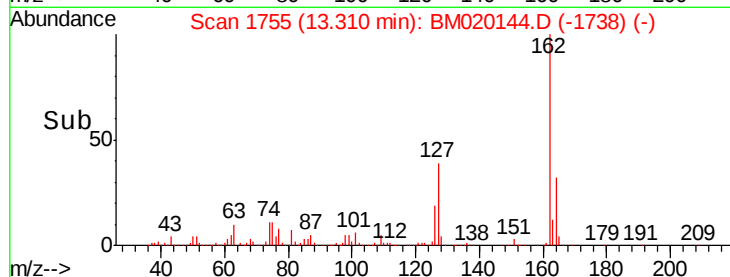
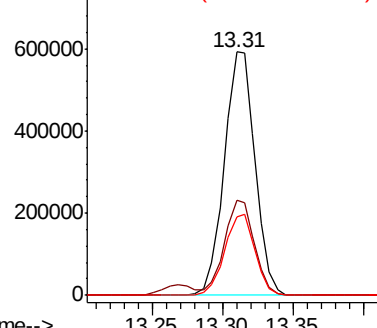
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.4
164	32.5	26.2	39.2

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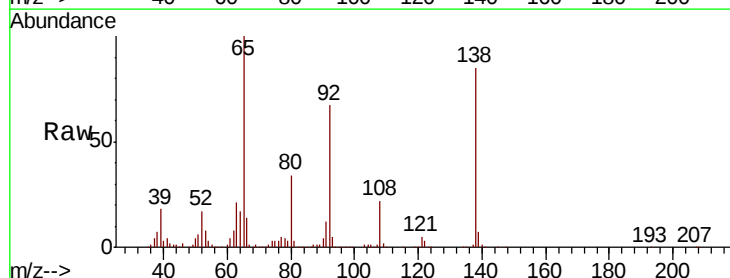


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

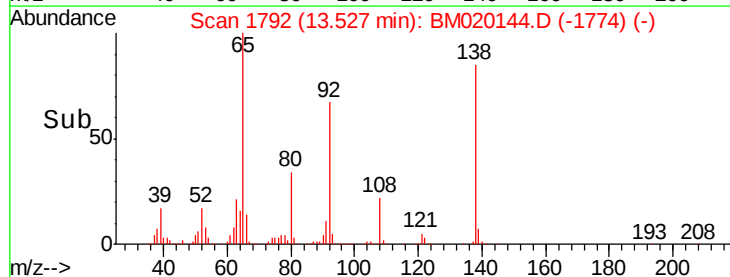
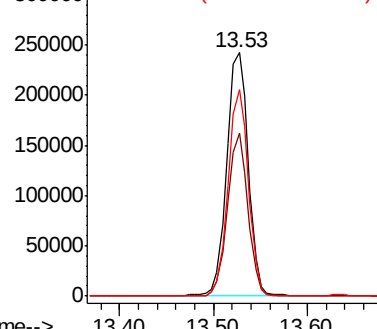


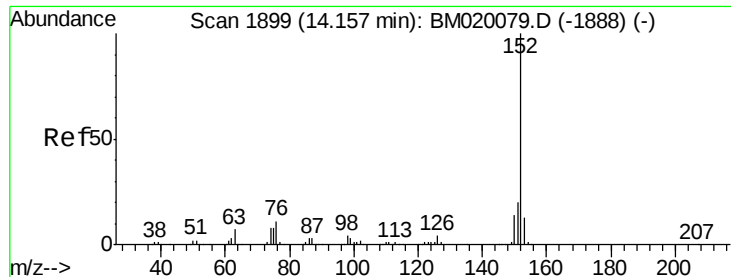
#48
2-Nitroaniline
Concen: 58.811 ng
RT: 13.53 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	48.2	72.4
138	84.9	60.3	90.5



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





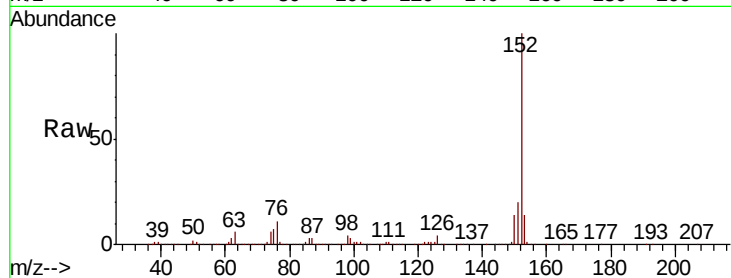
#49
Acenaphthylene
Concen: 50.889 ng
RT: 14.16 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.6	10.6	16.0

Manual Integrations
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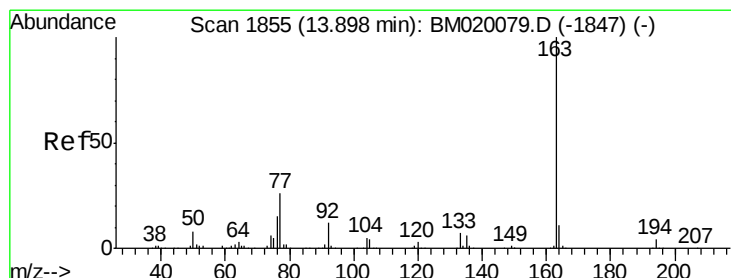
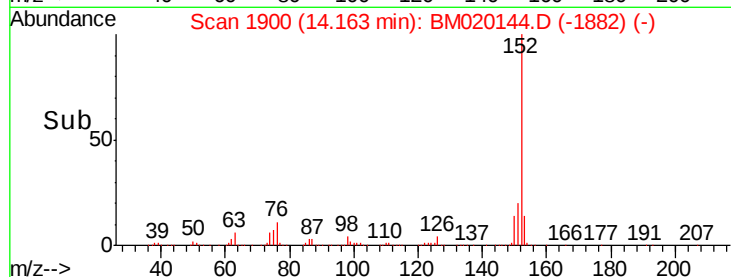
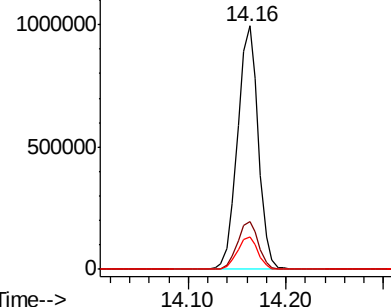


Abundance

Ion 152.00 (151.70 to 152.70): E

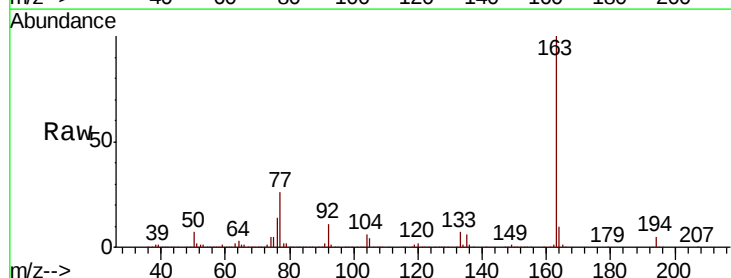
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 65.672 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.2	8.4	12.6

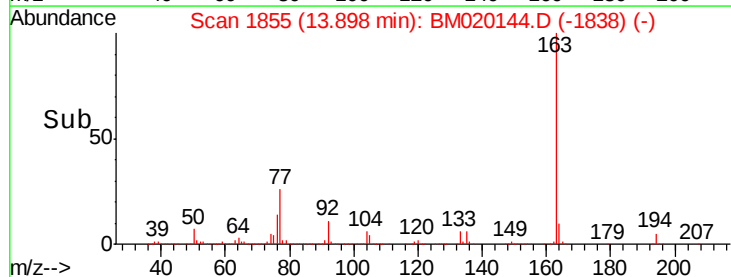
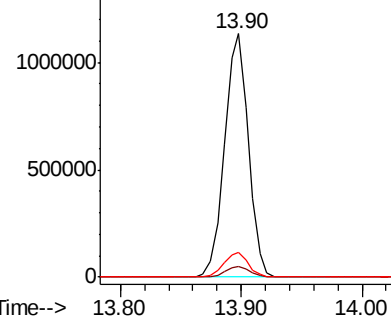


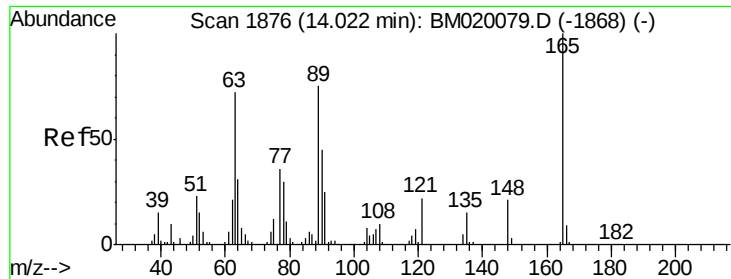
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





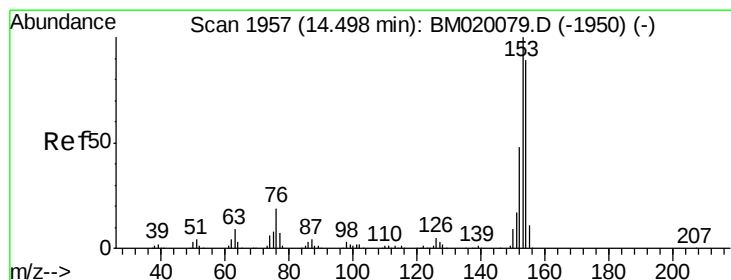
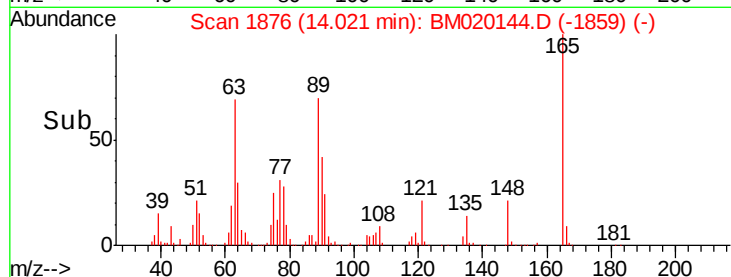
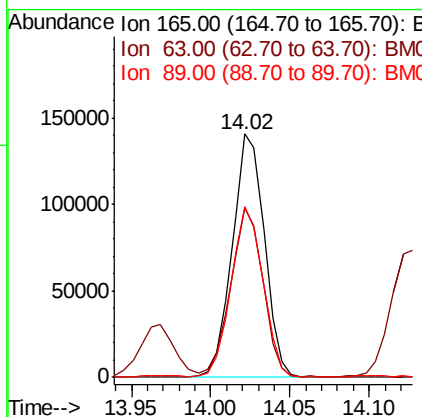
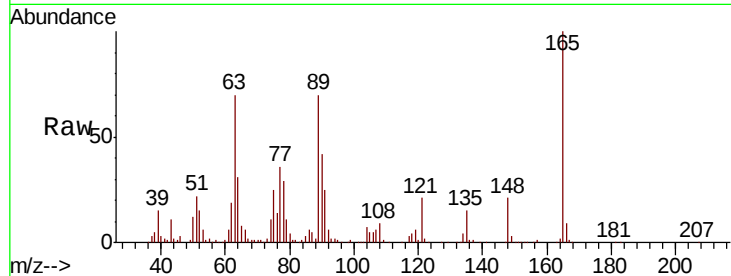
#51
 2,6-Dinitrotoluene
 Concen: 39.636 ng
 RT: 14.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion:	165	Resp:	197693
Ion Ratio	Lower	Upper	
165	100		
63	69.6	60.3	90.5
89	69.9	59.8	89.6

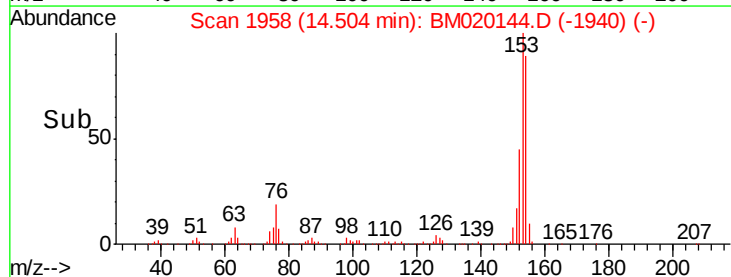
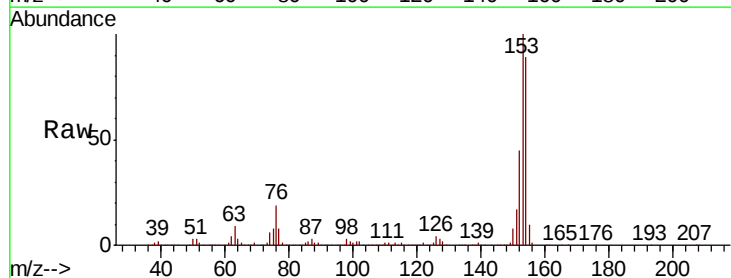
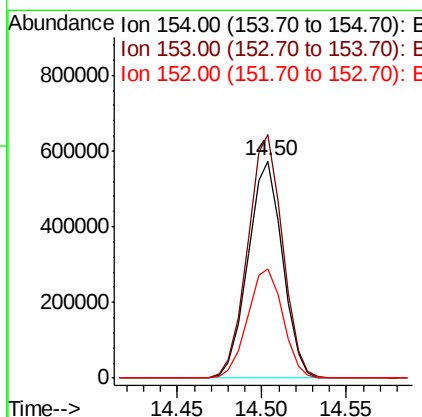
Manual Integrations
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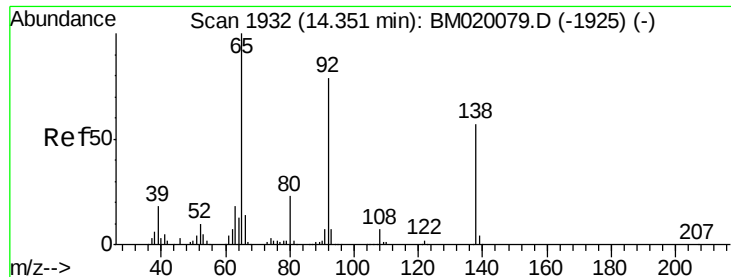
mohammad
 5/7/2019 3:11:45 PM



#52
 Acenaphthene
 Concen: 48.692 ng
 RT: 14.50 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion:	154	Resp:	818257
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.2	135.2
152	50.6	43.0	64.4





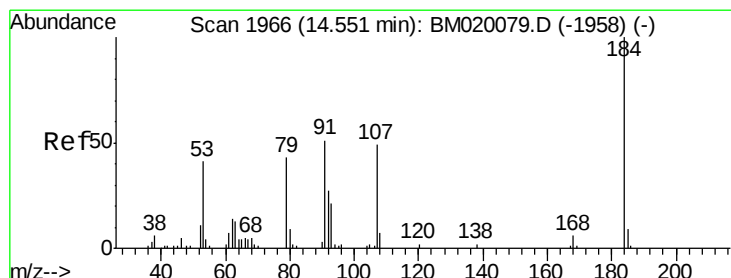
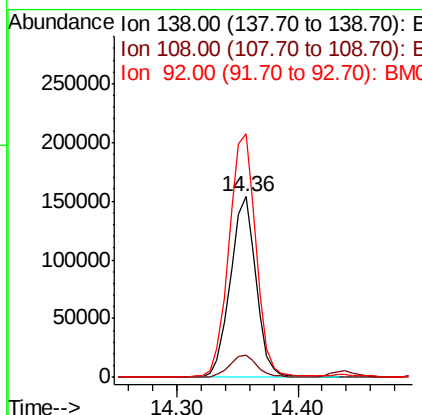
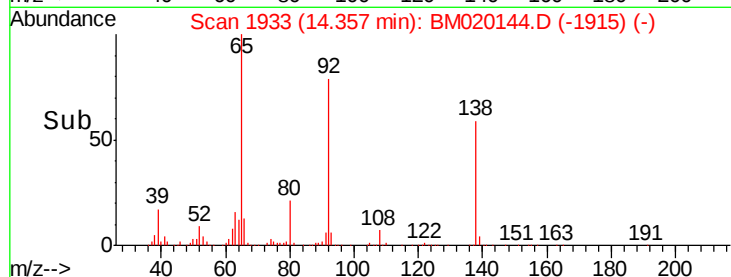
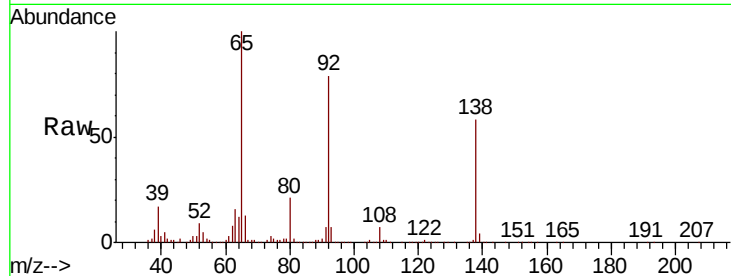
#53
3-Nitroaniline
Concen: 49.515 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.4	15.6
92	134.7	111.3	166.9

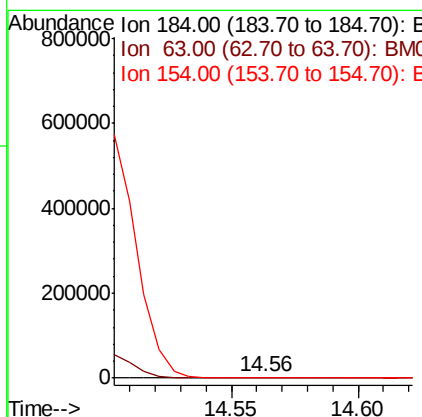
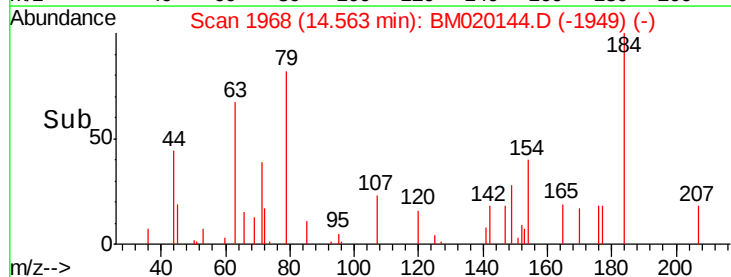
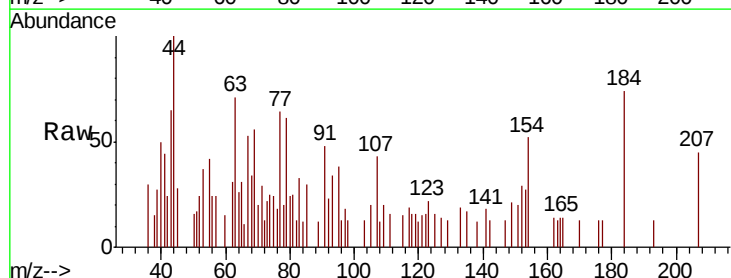
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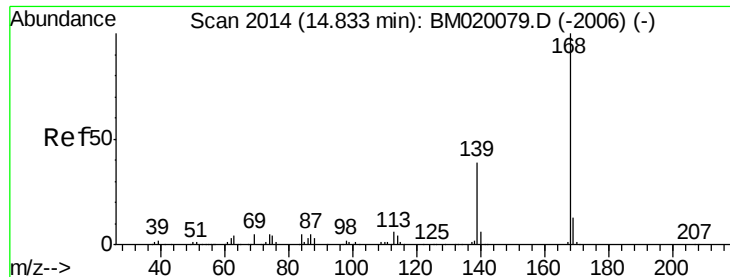
mohammad
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#54
2,4-Dinitrophenol
Concen: 9.350 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	95.2	68.9	103.3
154	69.7	54.4	81.6





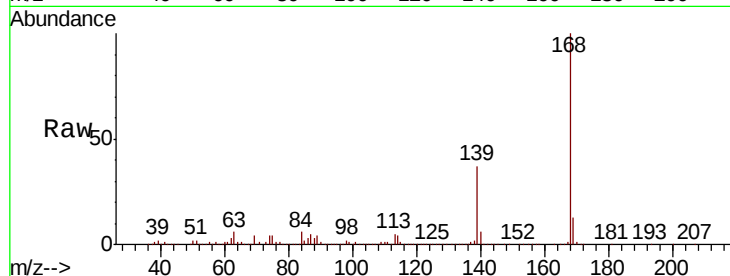
#55
Dibenzofuran
Concen: 48.002 ng
RT: 14.84 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.1	46.7
169	13.2	10.6	16.0

Manual Integrations
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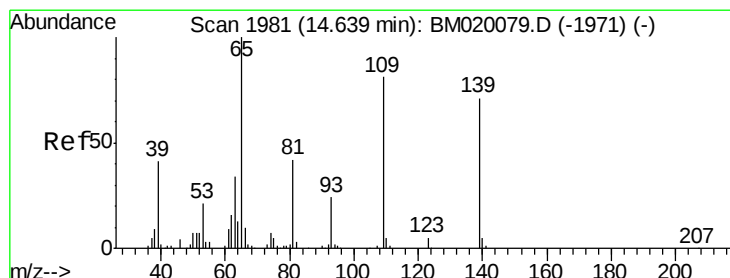
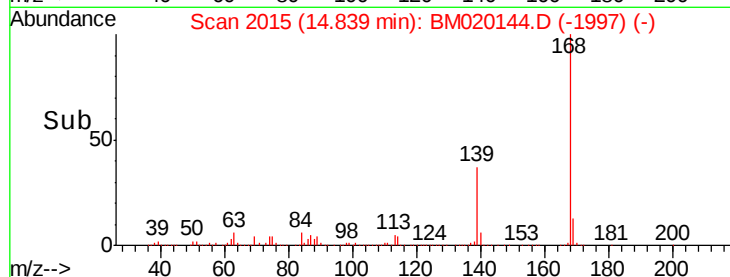
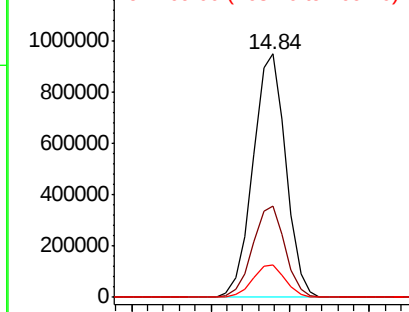


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 98.502 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

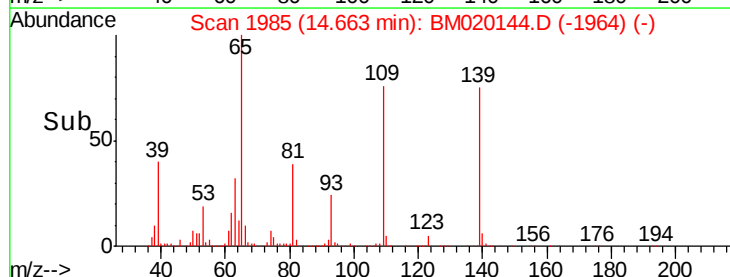
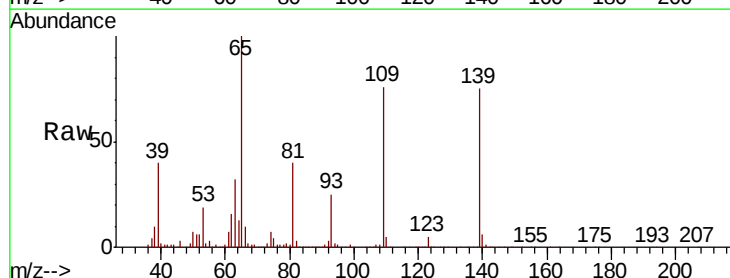
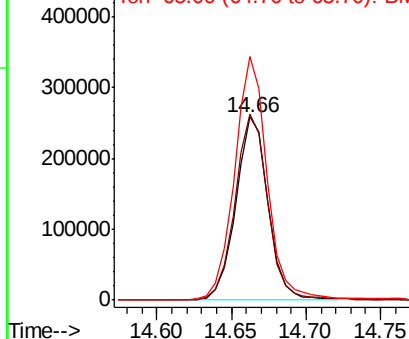
Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.7	94.1	134.1
65	133.0	120.9	160.9

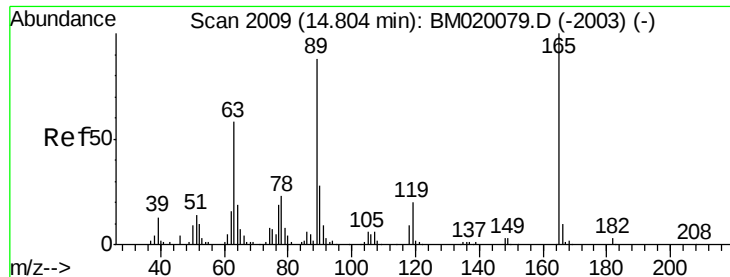
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





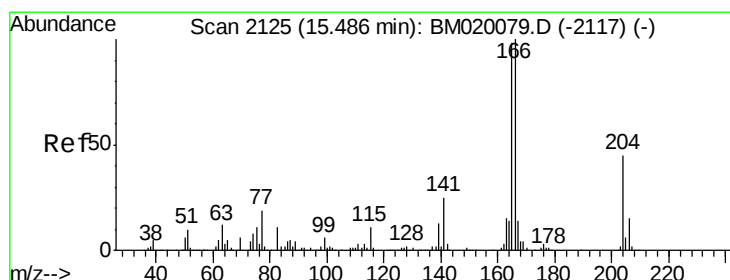
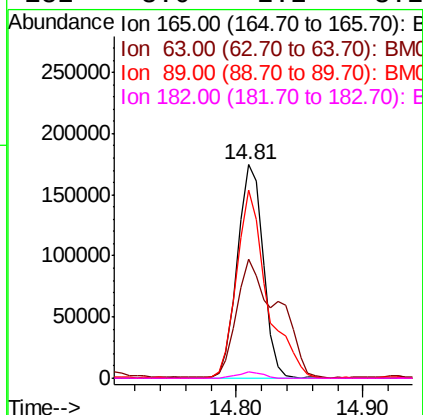
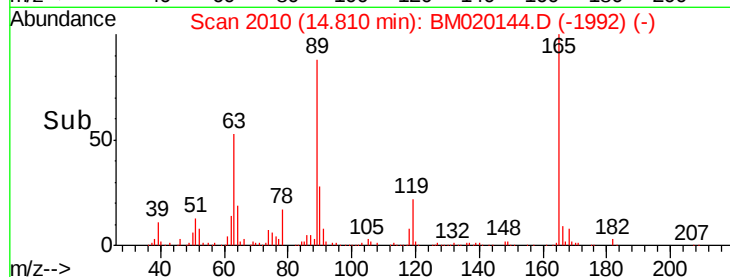
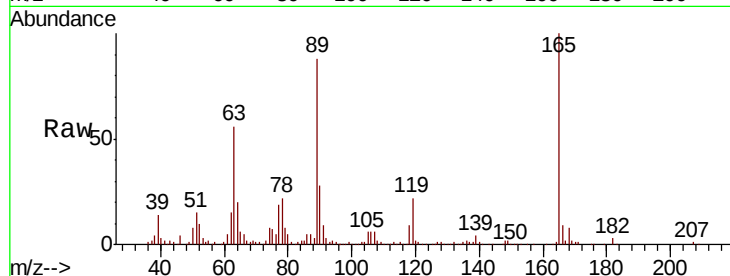
#57
2,4-Dinitrotoluene
Concen: 36.275 ng
RT: 14.81 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	46.2	69.2
89	88.3	70.6	105.8
182	3.0	2.2	3.2

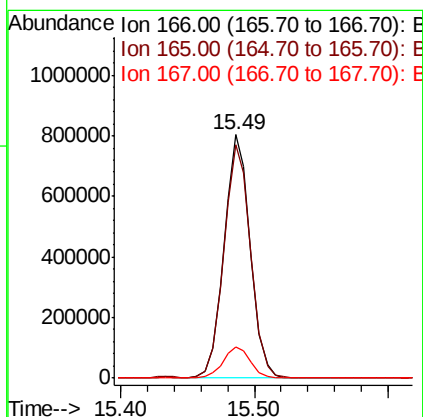
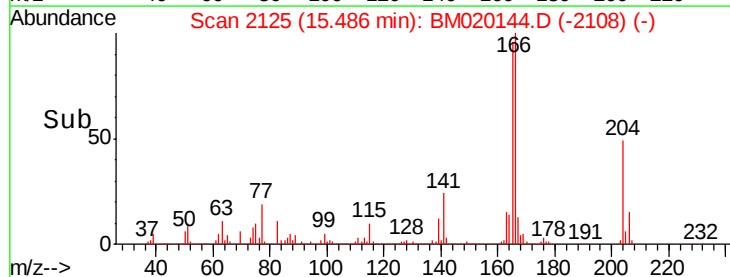
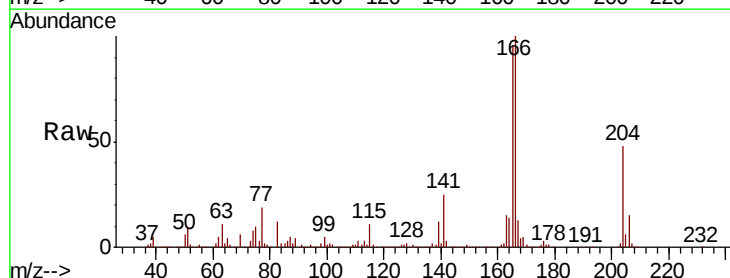
Manual Integrations
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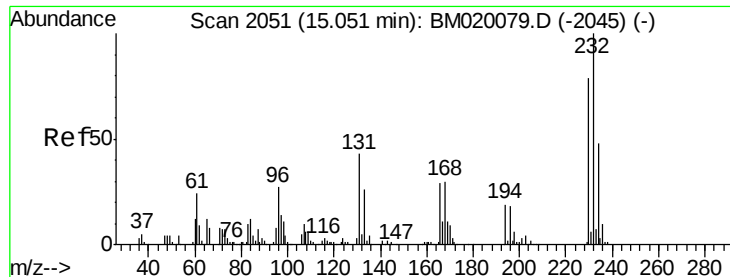
mohammad
5/7/2019 3:11:45 PM



#58
Fluorene
Concen: 47.252 ng
RT: 15.49 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.2	117.2
167	13.0	11.0	16.4





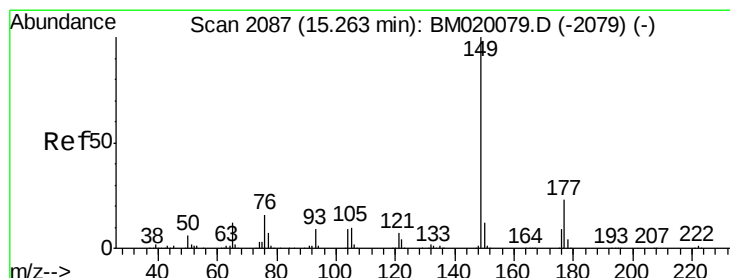
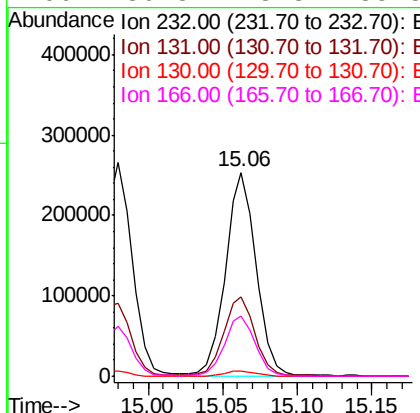
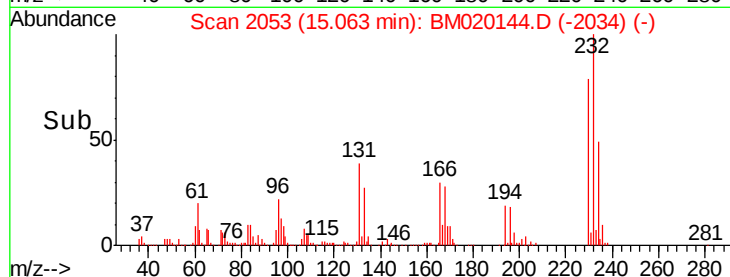
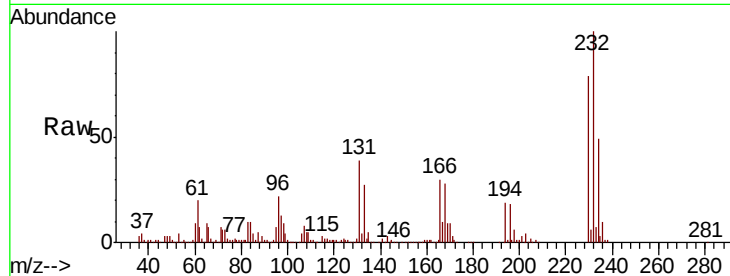
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.734 ng
 RT: 15.06 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion:	232	Resp:	359989
Ion Ratio	Lower	Upper	
232	100		
131	39.7	34.2	51.4
130	2.6	2.0	3.0
166	30.3	23.8	35.8

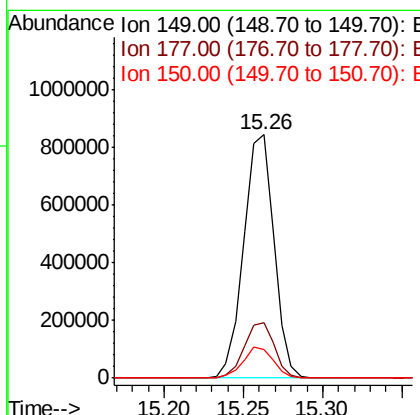
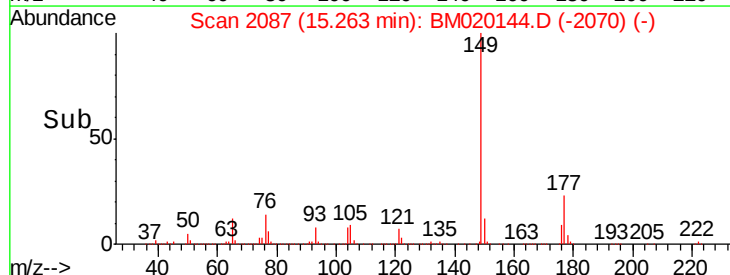
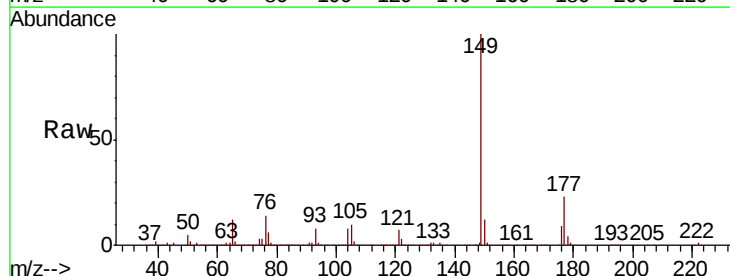
Manual Integrations
 APPROVED

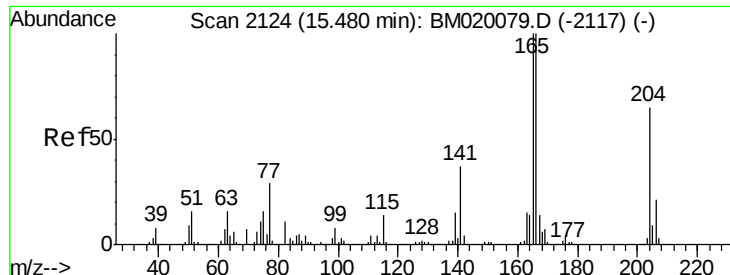
mohammad
 5/7/2019 3:11:45 PM



#60
 Diethylphthalate
 Concen: 46.956 ng
 RT: 15.26 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion:	149	Resp:	1120292
Ion Ratio	Lower	Upper	
149	100		
177	23.0	18.2	27.4
150	11.8	9.9	14.9





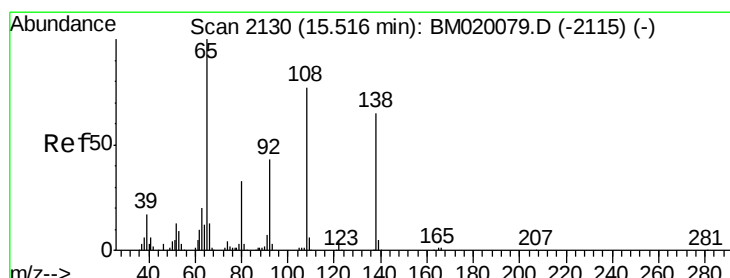
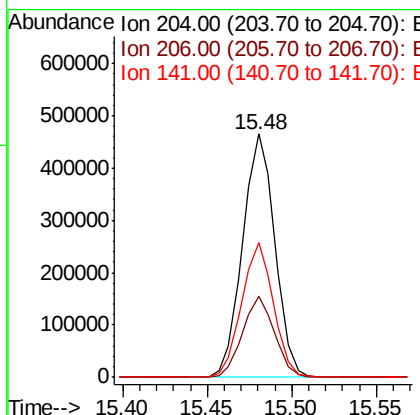
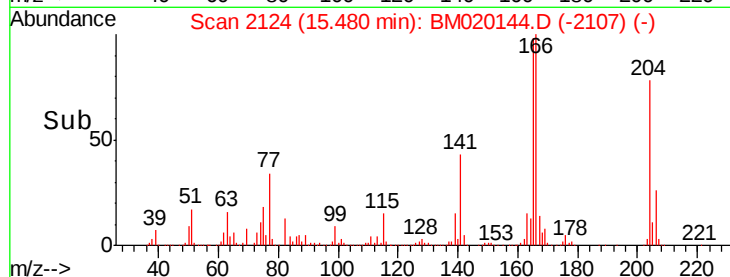
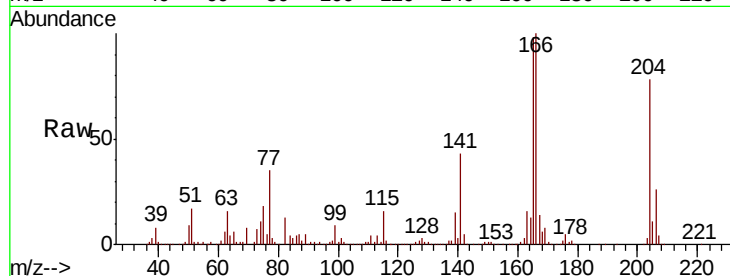
#61
 4-Chlorophenyl-phenylether
 Concen: 46.920 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.6	38.4
141	55.2	46.1	69.1

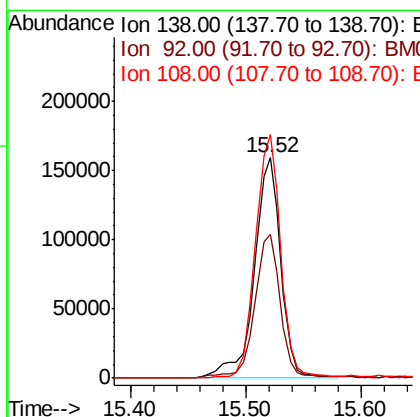
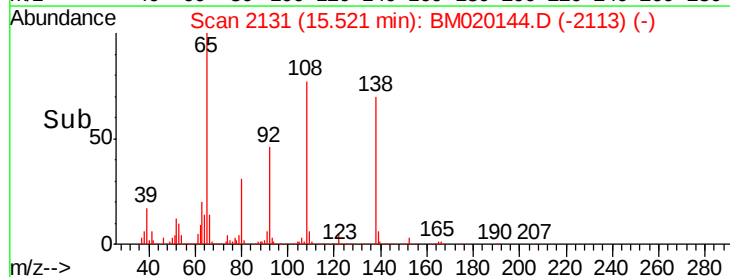
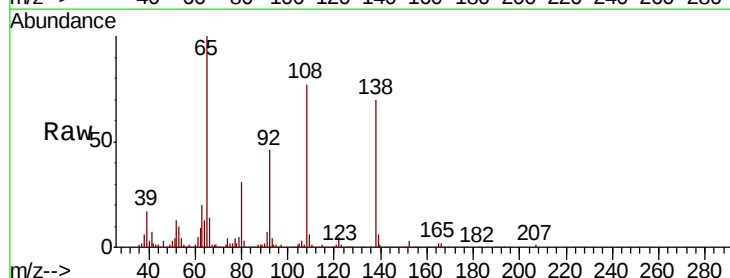
Manual Integrations
 APPROVED

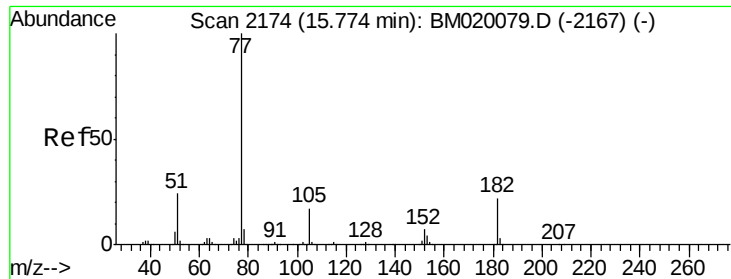
mohammad
 5/7/2019 3:11:45 PM



#62
 4-Nitroaniline
 Concen: 49.939 ng
 RT: 15.52 min Scan# 2131
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.1	45.9	85.9
108	110.4	97.7	137.7





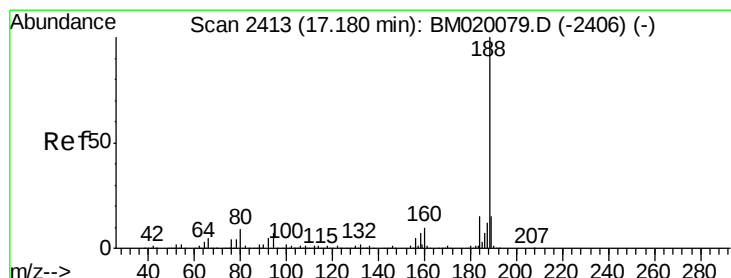
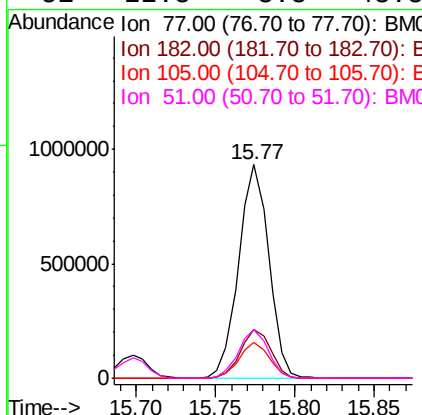
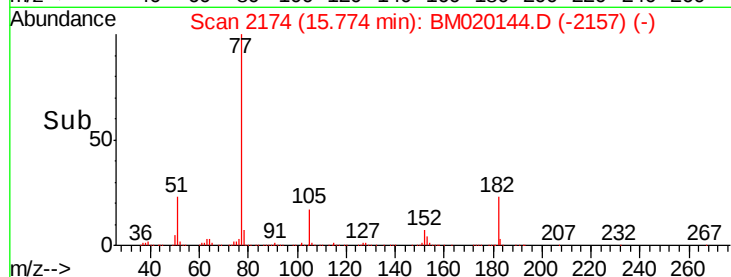
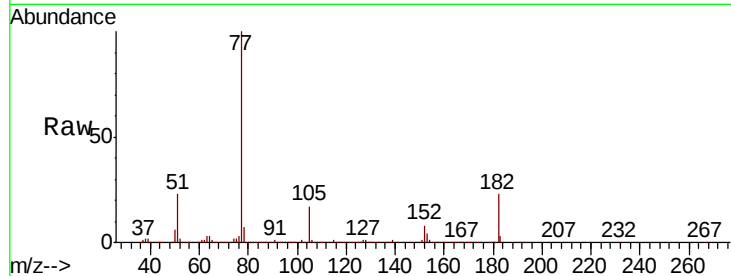
#63
Azobenzene
Concen: 43.573 ng
RT: 15.77 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.8	2.1	42.1	
105	16.9	0.0	36.8	
51	22.8	3.8	43.8	

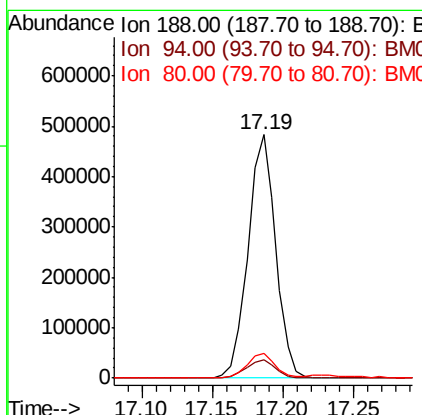
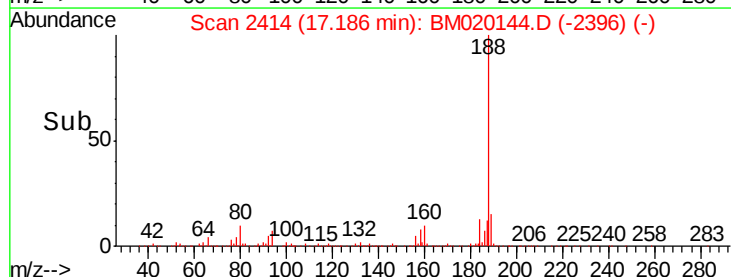
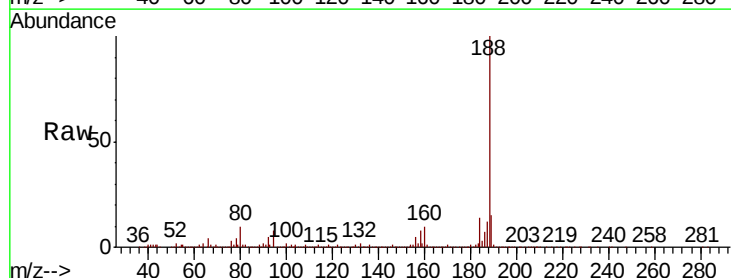
Manual Integrations
APPROVED

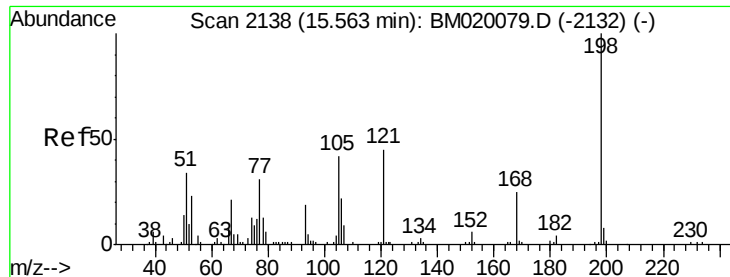
mohammad
5/7/2019 3:11:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.6	5.8	8.6	
80	10.0	7.4	11.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 7.811 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

Tot Ion:198 Resp: 2553

Ion Ratio Lower Upper

198 100

51 64.8 16.5 56.5#

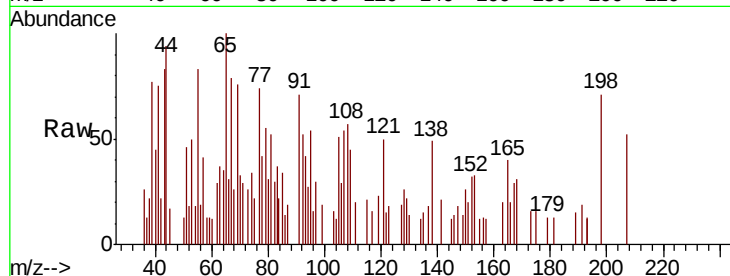
105 72.3 22.8 62.8#

Manual Integrations

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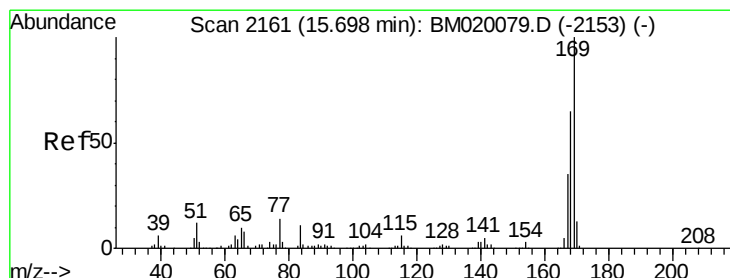
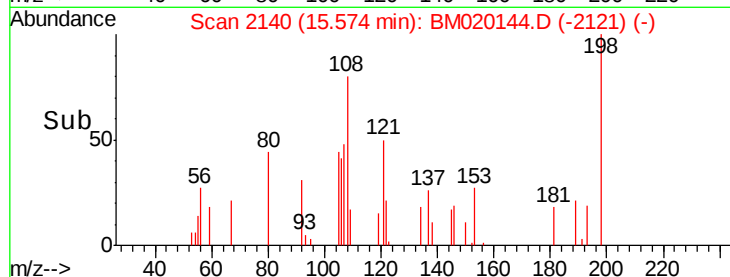
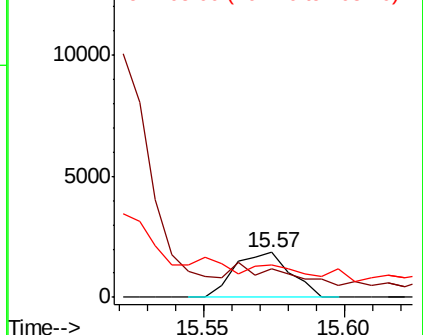
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.470 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

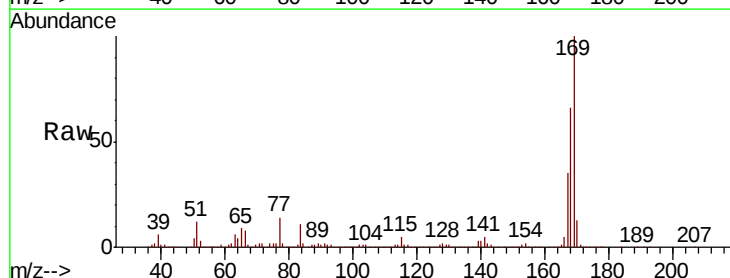
Tgt Ion:169 Resp: 964275

Ion Ratio Lower Upper

169 100

168 66.0 51.9 77.9

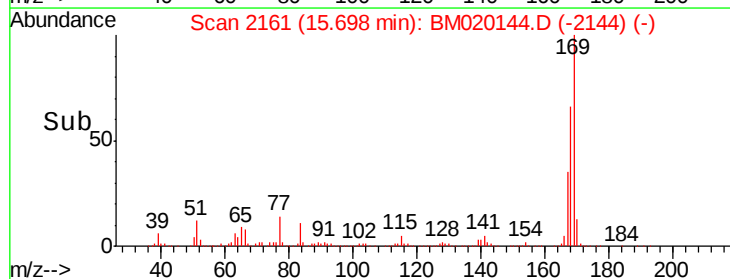
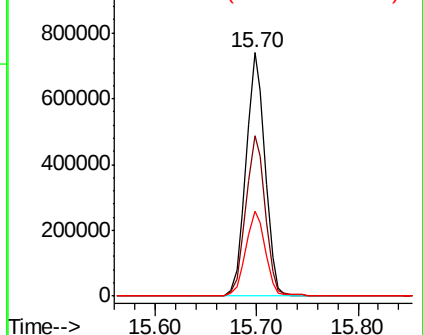
167 34.9 27.8 41.6

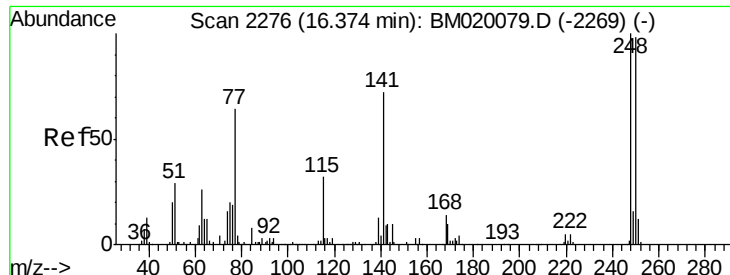


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





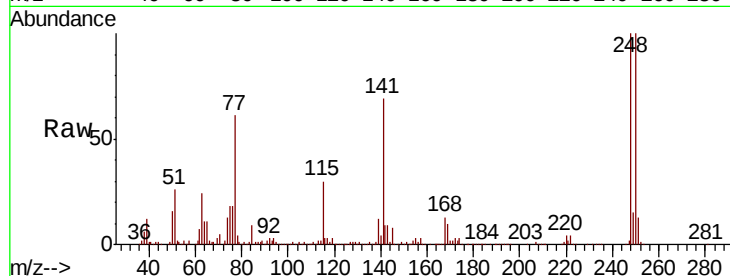
#67
4-Bromophenyl-phenylether
Concen: 47.690 ng
RT: 16.37 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.4	117.6
141	68.8	57.4	86.2

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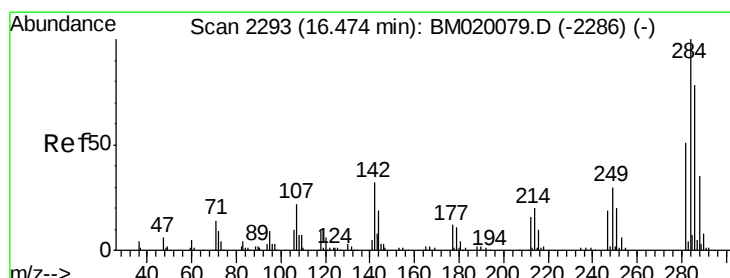
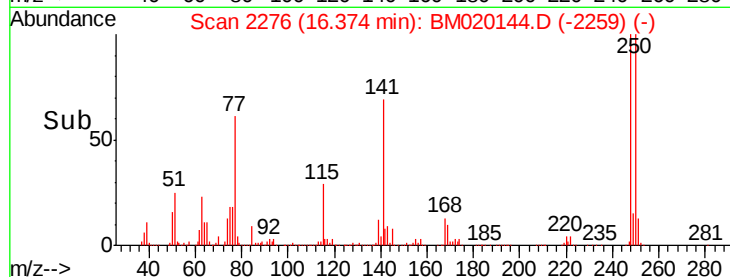
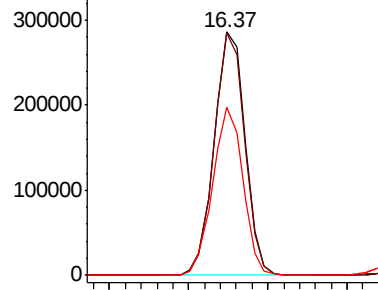


Abundance

Ion 248.00 (247.70 to 248.70): E

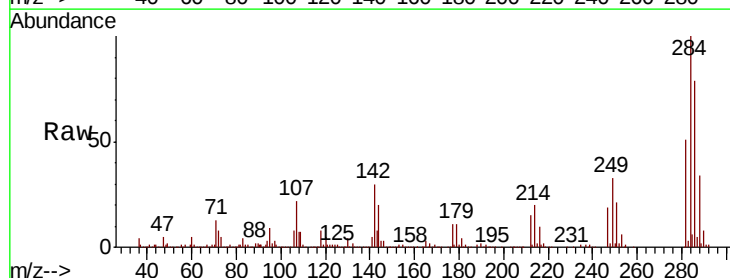
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.996 ng
RT: 16.48 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.2	37.8
249	32.7	23.6	35.4

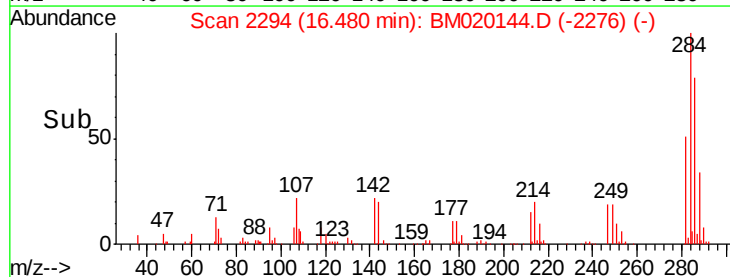
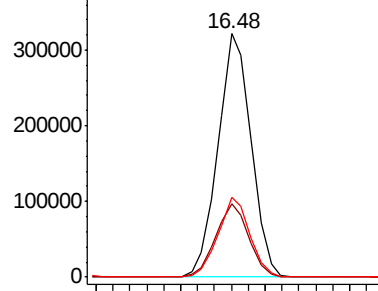


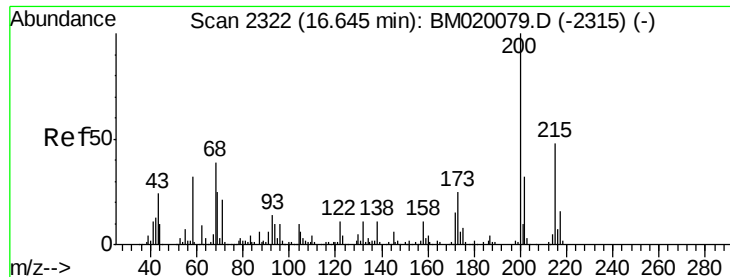
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





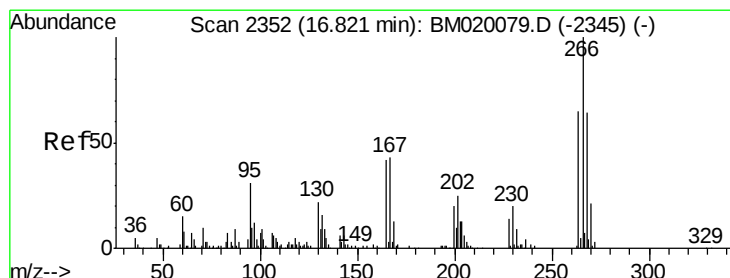
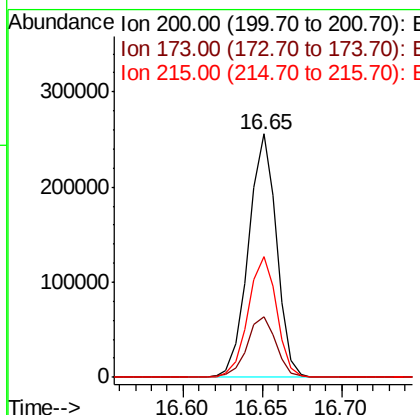
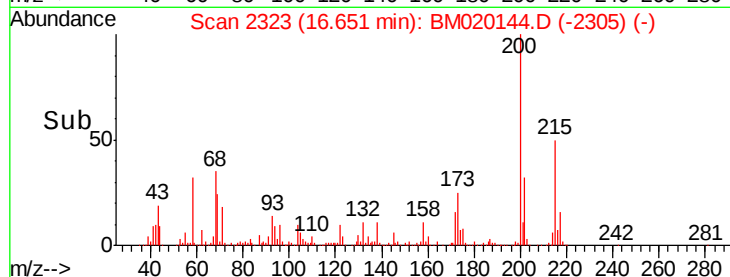
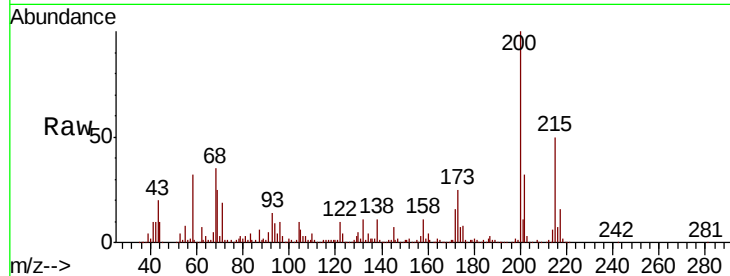
#69
 Atrazine
 Concen: 41.261 ng
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion:	200	Resp:	314302
Ion Ratio	Lower	Upper	
200	100		
173	24.8	4.6	44.6
215	49.6	28.0	68.0

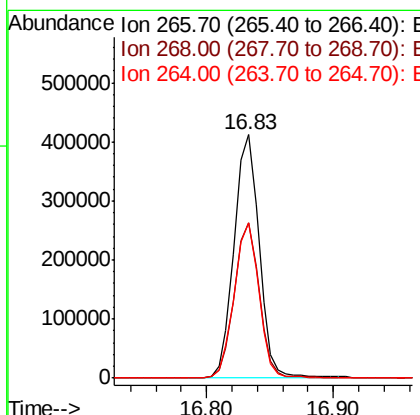
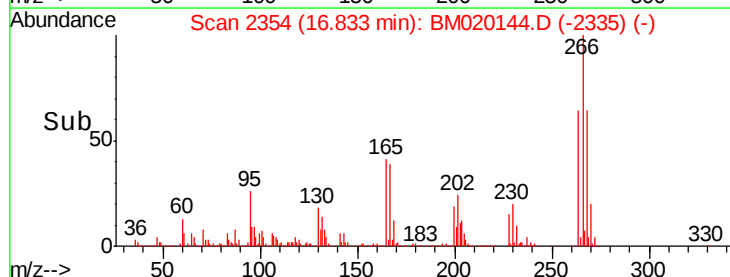
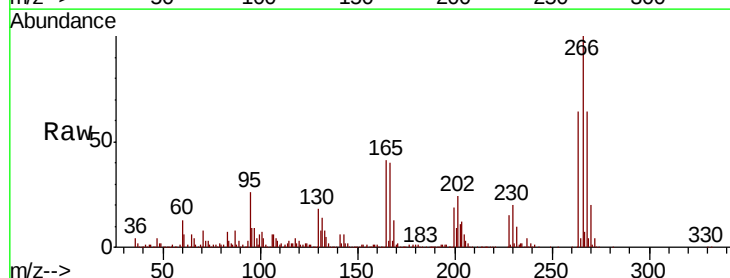
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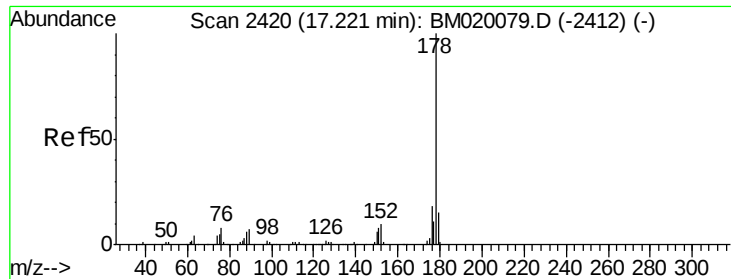
mohammad
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#70
 Pentachlorophenol
 Concen: 105.310 ng
 RT: 16.83 min Scan# 2354
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion:	266	Resp:	563225
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.4	77.0
264	63.9	52.0	78.0





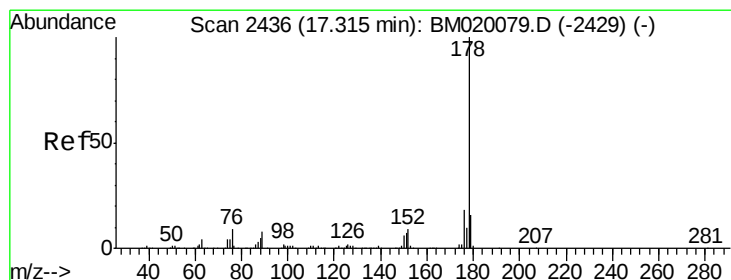
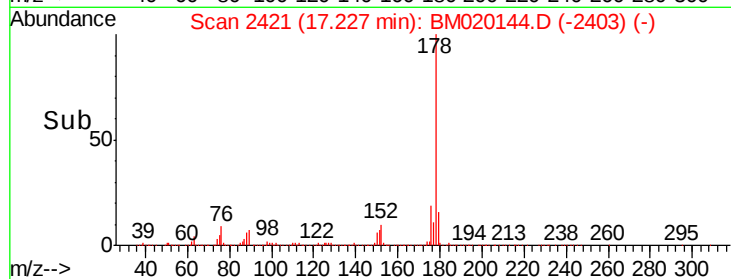
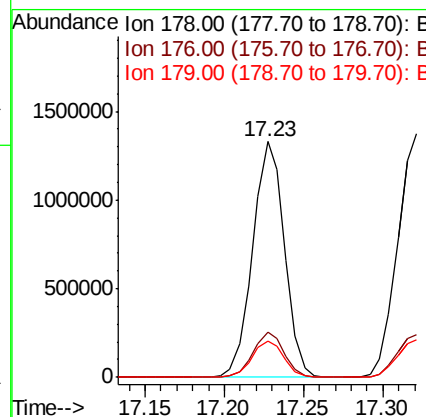
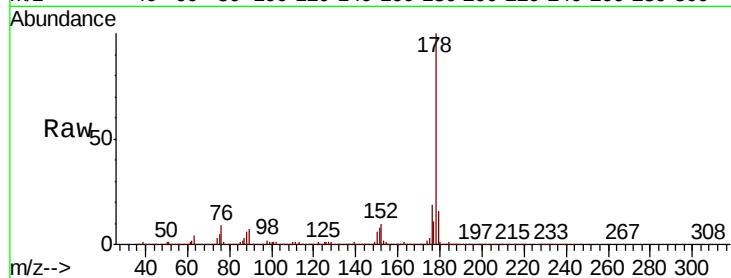
#71
Phenanthrene
Concen: 50.583 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	15.6	12.4	18.6

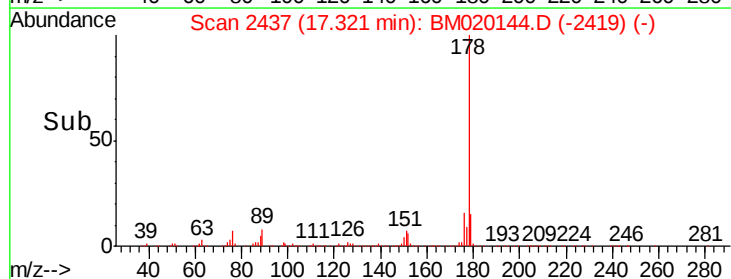
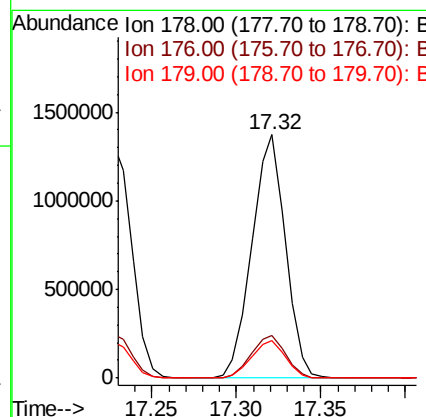
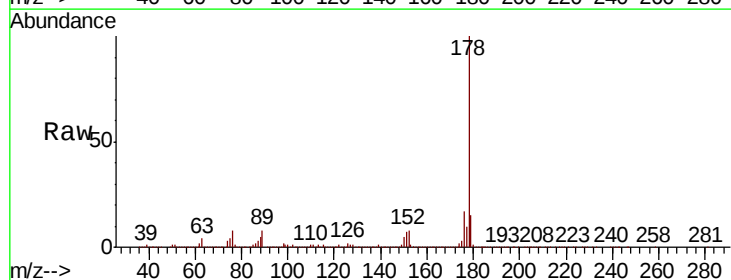
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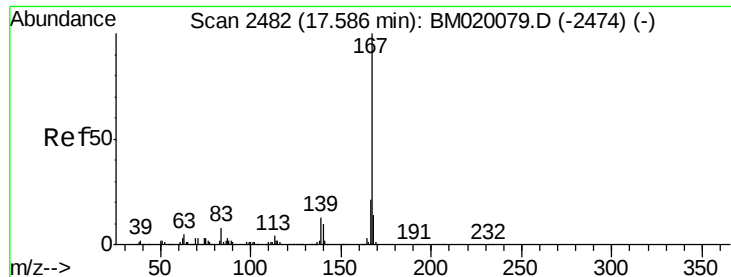
mohammad
5/7/2019 3:11:45 PM



#72
Anthracene
Concen: 51.884 ng
RT: 17.32 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	15.2	12.4	18.6





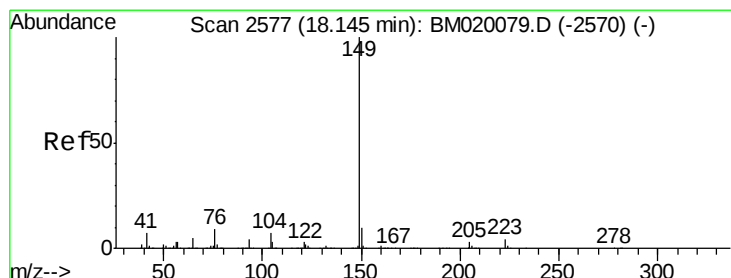
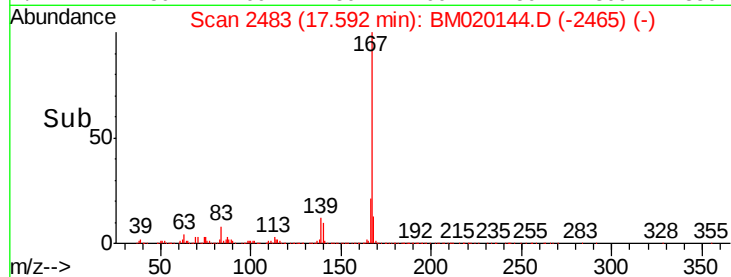
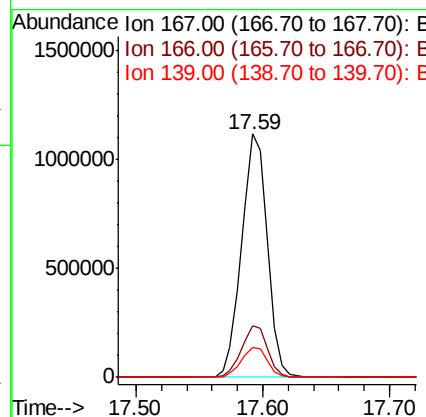
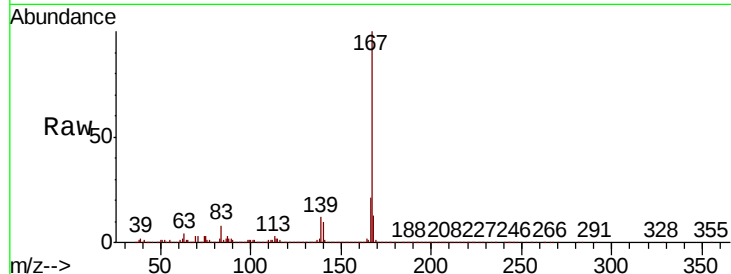
#73
 Carbazole
 Concen: 47.252 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.4	10.6	16.0

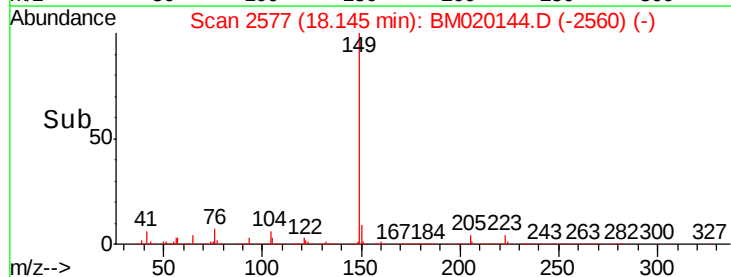
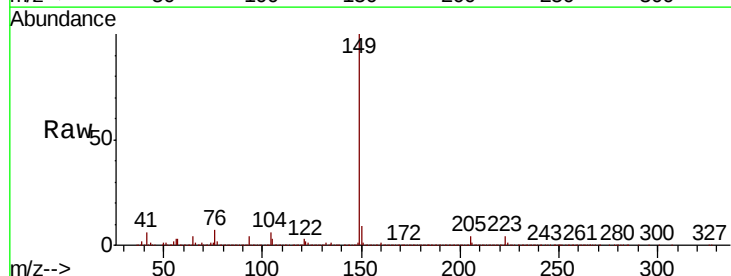
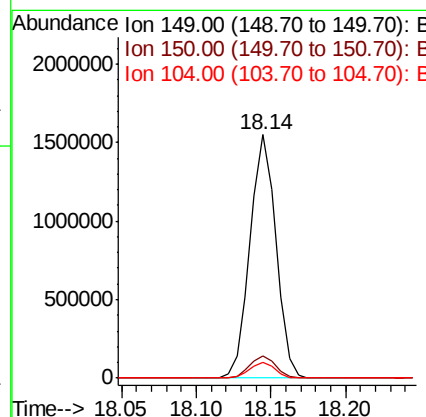
Manual Integrations
 APPROVED

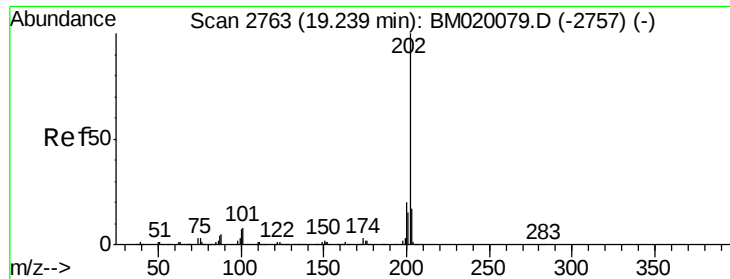
mohammad
 5/7/2019 3:11:45 PM



#74
 Di-n-butylphthalate
 Concen: 46.744 ng
 RT: 18.14 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	6.3	5.7	8.5





#75

Fluoranthene

Concen: 57.359 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

Tot Ion:202 Resp: 2653763

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.4

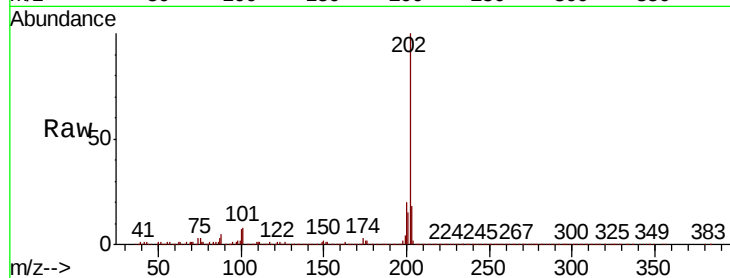
203 17.6 0.0 37.4

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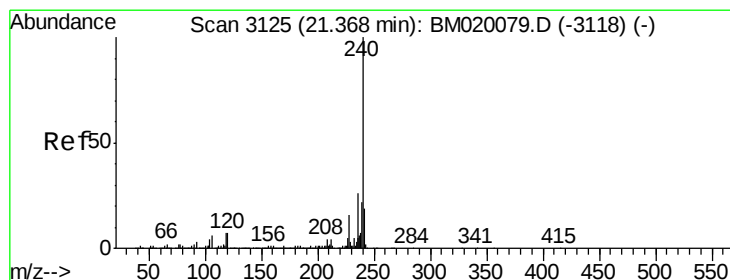
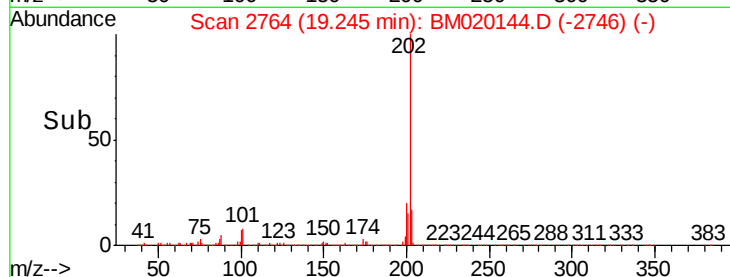
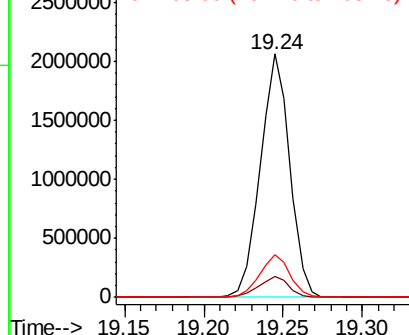
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

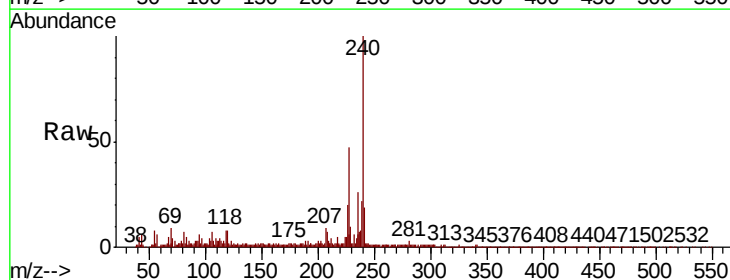
Tgt Ion:240 Resp: 660031

Ion Ratio Lower Upper

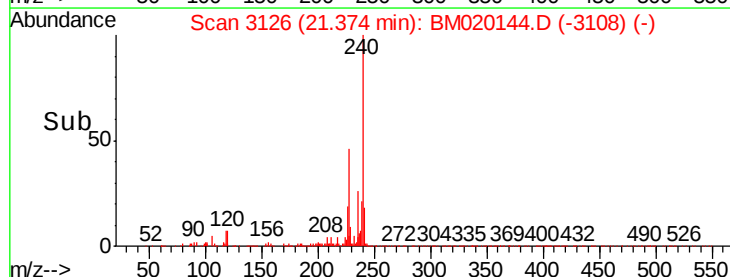
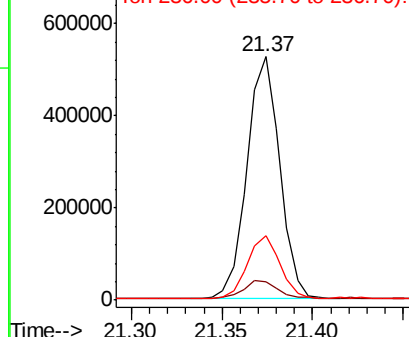
240 100

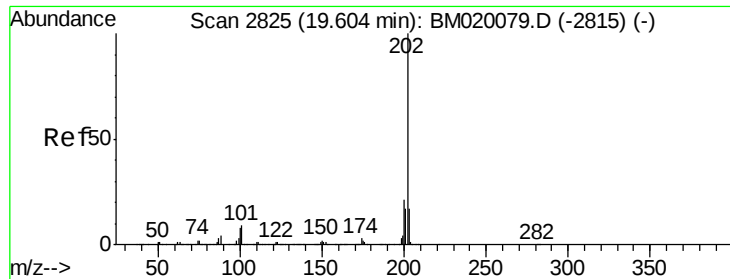
120 7.7 5.6 8.4

236 26.4 20.9 31.3



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





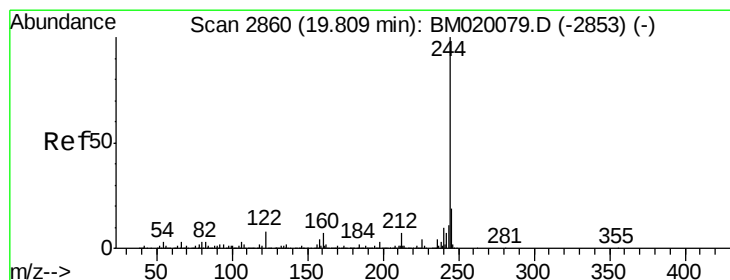
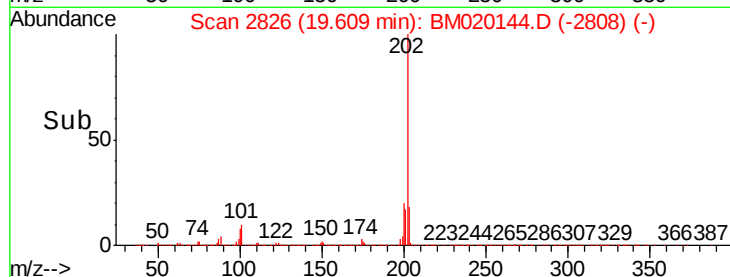
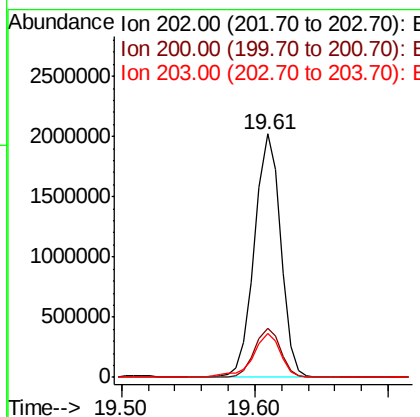
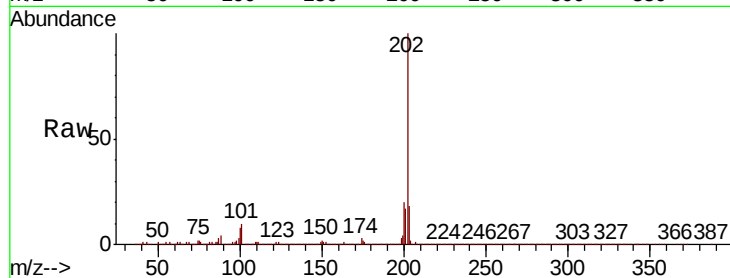
#78
Pvrene
Concen: 61.354 ng
RT: 19.61 min Scan# 2826
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.5	24.7
203	17.8	13.9	20.9

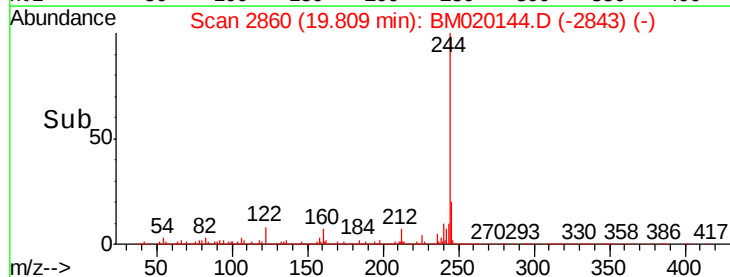
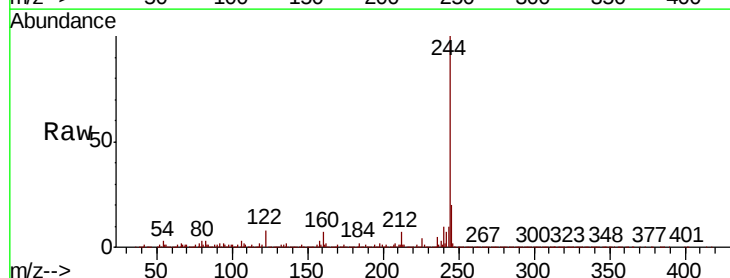
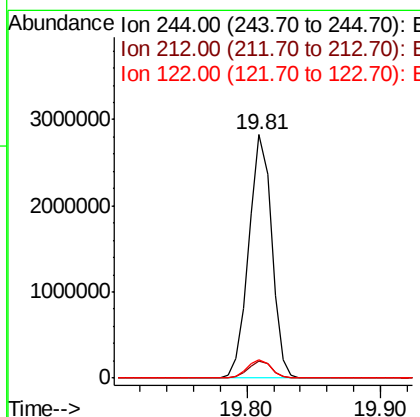
Manual Integrations
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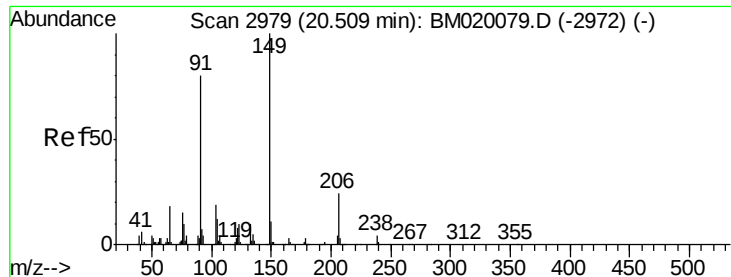
mohammad
5/7/2019 3:11:45 PM



#79
Terphenyl-d14
Concen: 87.466 ng
RT: 19.81 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.7	6.2	9.2





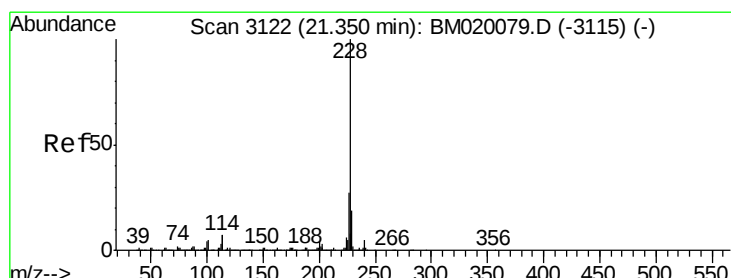
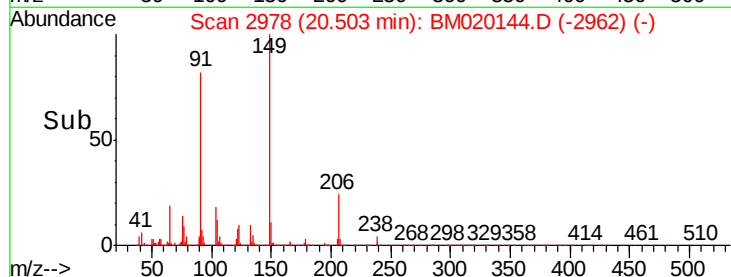
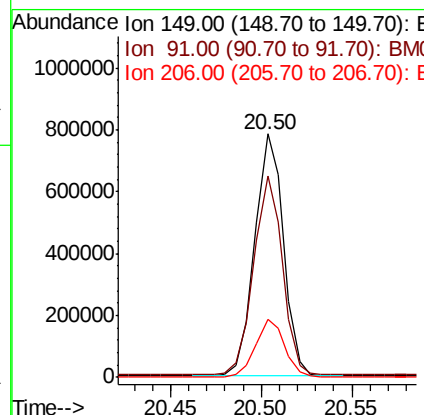
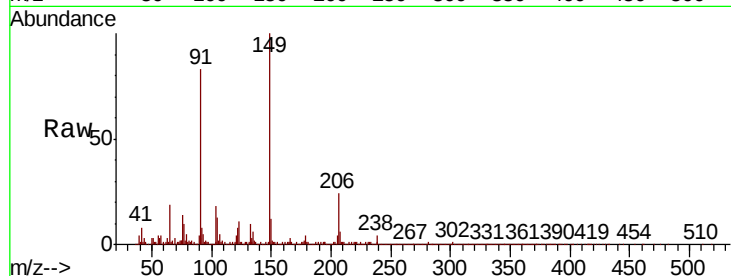
#80
Butylbenzylphthalate
Concen: 53.509 ng
RT: 20.50 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.8	63.8	95.8
206	24.0	18.9	28.3

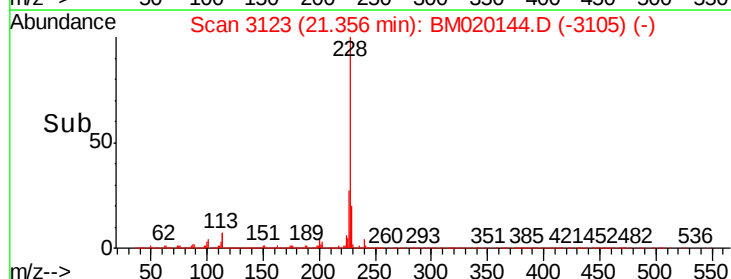
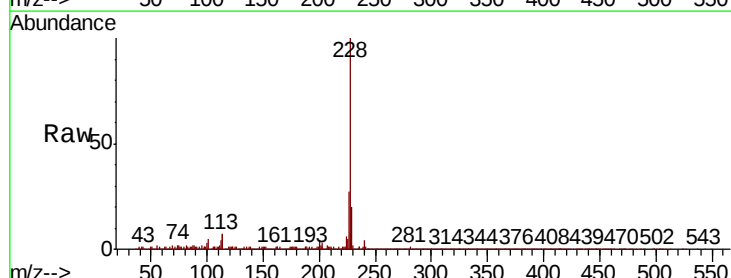
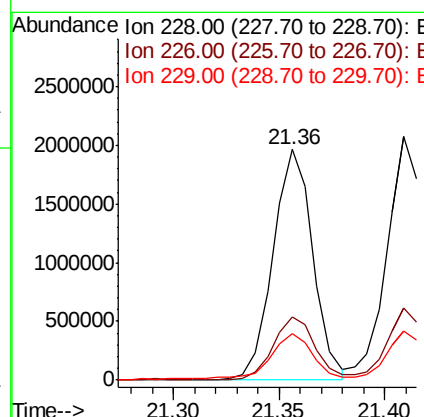
Manual Integrations
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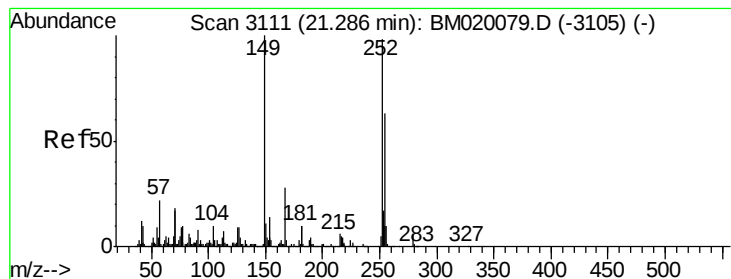
mohammad
5/7/2019 3:11:45 PM



#81
Benzo(a)anthracene
Concen: 55.485 ng
RT: 21.36 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	20.3	15.5	23.3





#82

3,3'-Dichlorobenzidine

Concen: 21.225 ng

RT: 21.29 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

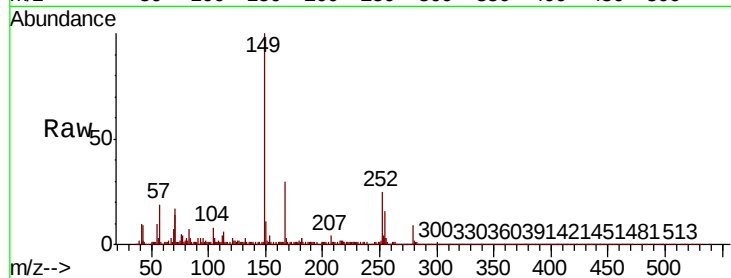
ClientSampleId :

SP-02-COMPMS

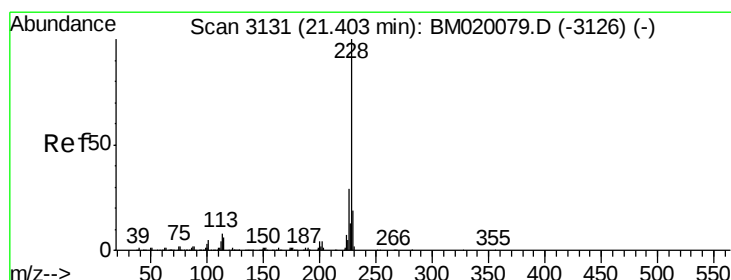
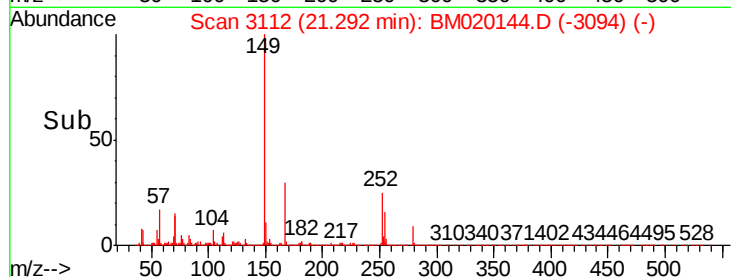
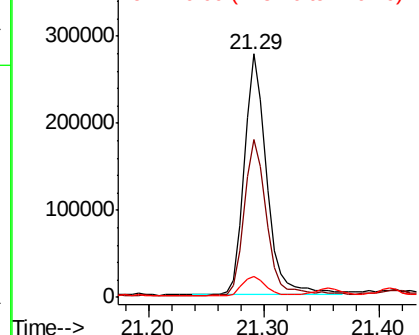
Tot Ion:	252	Resp:	374971
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.1	76.7
126	8.6	7.1	10.7

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



#83

Chrysene

Concen: 55.750 ng

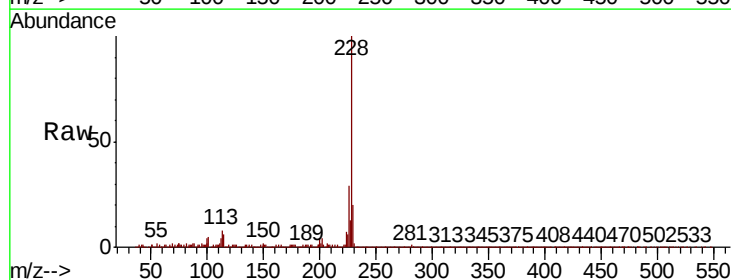
RT: 21.41 min Scan# 3132

Delta R.T. 0.01 min

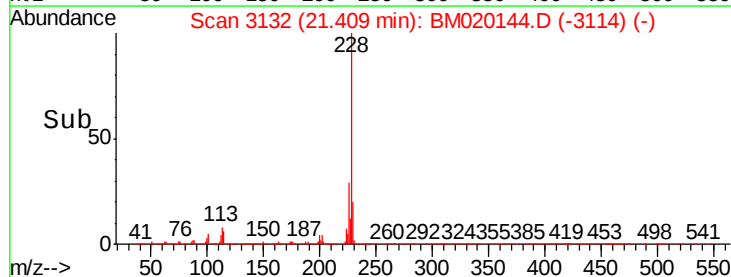
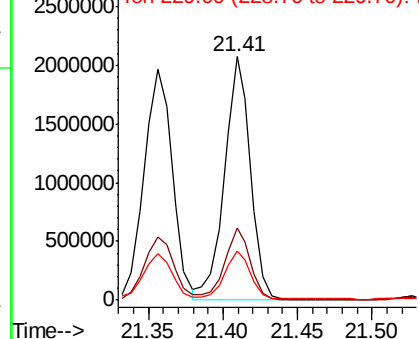
Lab File: BM020144.D

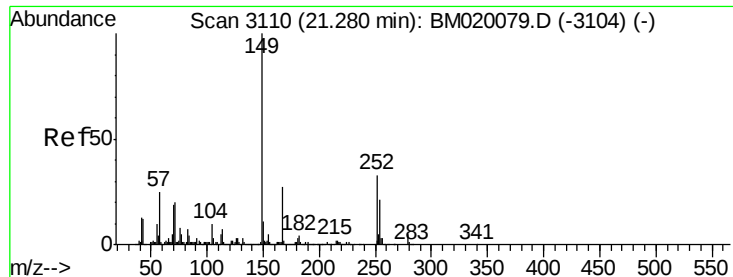
Acq: 06 May 2019 20:14

Tgt Ion:	228	Resp:	2502704
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.0	34.6
229	20.4	15.5	23.3



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 340.241 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

Instrument :

BNA_M

ClientSampleId :

SP-02-COMPMS

Tot Ion:149 Resp: 8508028

Ion Ratio Lower Upper

149 100

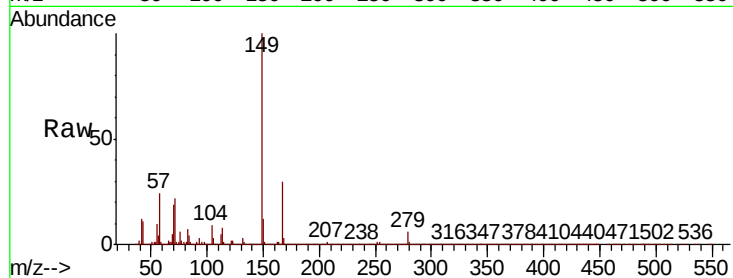
167 30.3 21.8 32.8

279 6.0 4.2 6.2

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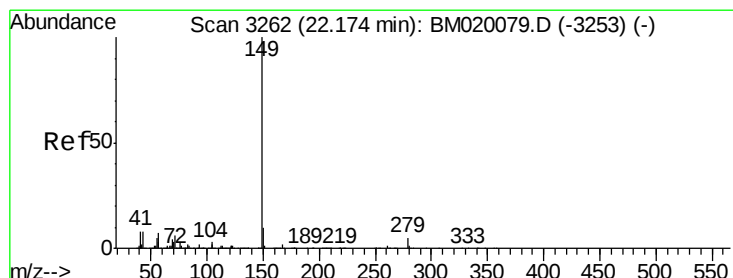
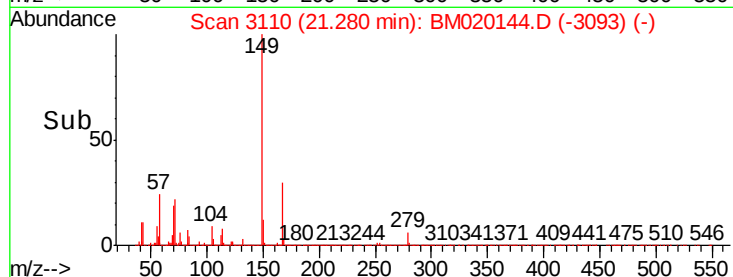
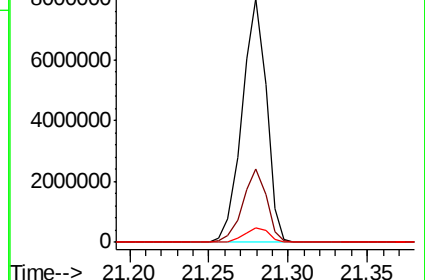
5/7/2019 3:11:45 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 82.126 ng

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020144.D

Acq: 06 May 2019 20:14

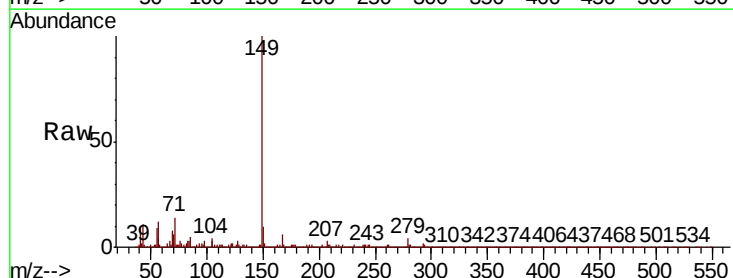
Tgt Ion:149 Resp: 3413263

Ion Ratio Lower Upper

149 100

167 5.8 1.3 1.9#

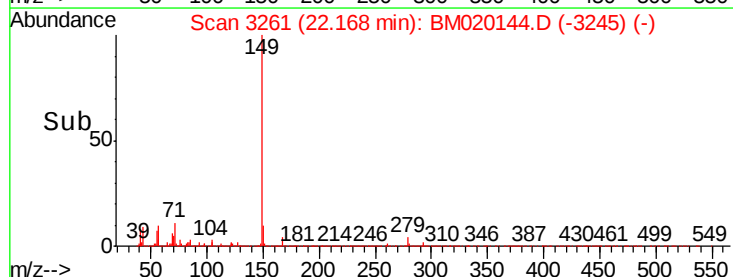
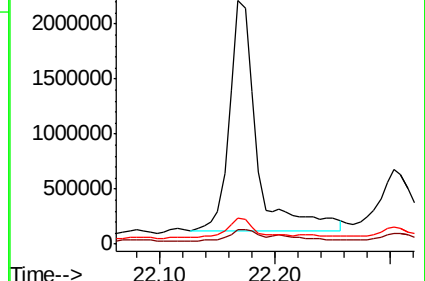
43 8.8 6.5 9.7

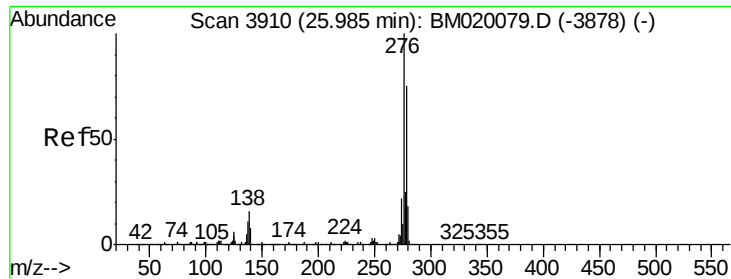


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BMC





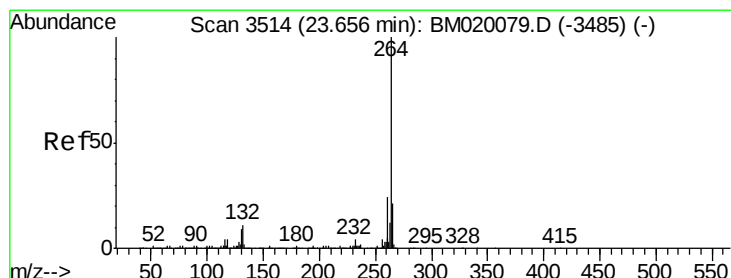
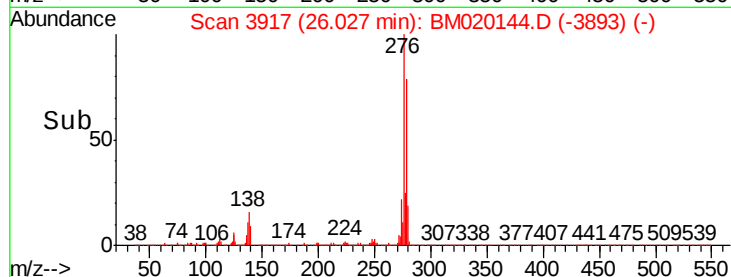
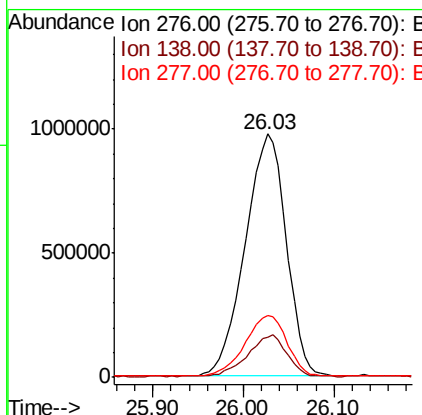
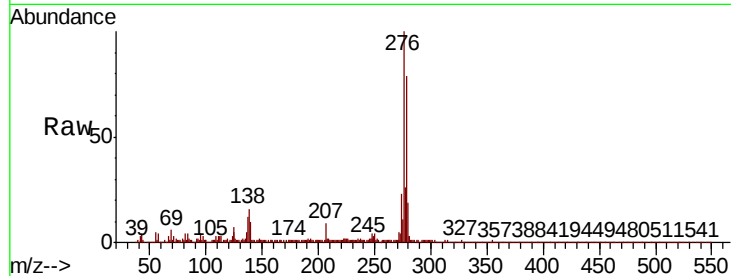
#86
Indeno(1,2,3-cd)pyrene
Concen: 57.350 ng/ml
RT: 26.03 min Scan# 3917
Delta R.T. 0.04 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	0.0	0.0#
277	24.8	0.0	0.0#

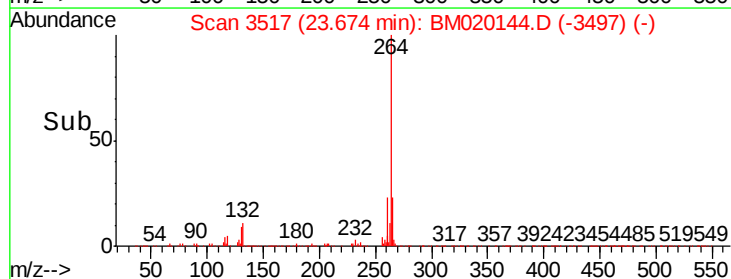
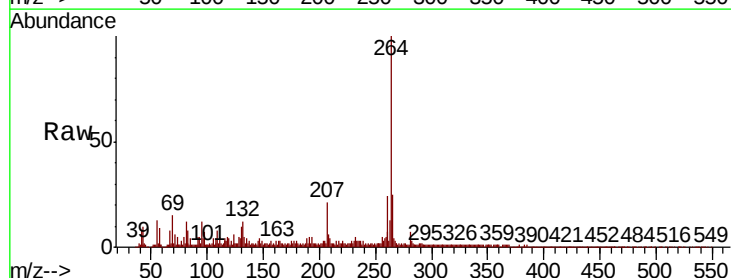
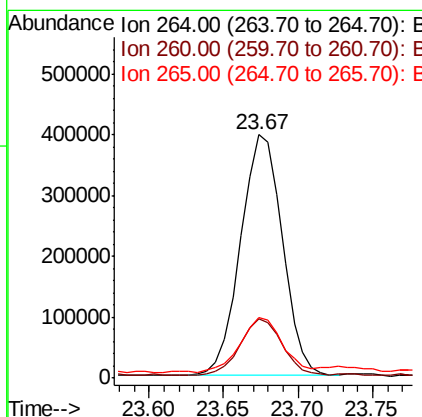
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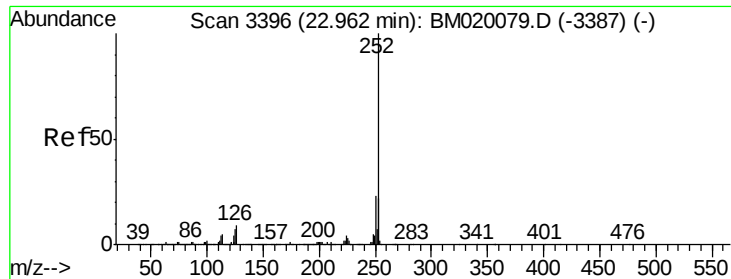
mohammad
5/7/2019 3:11:45 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3517
Delta R.T. 0.02 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	25.0	16.9	25.3





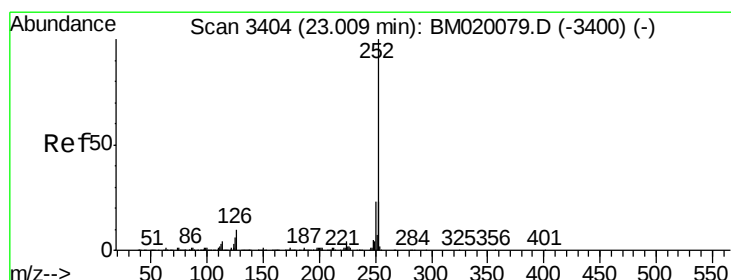
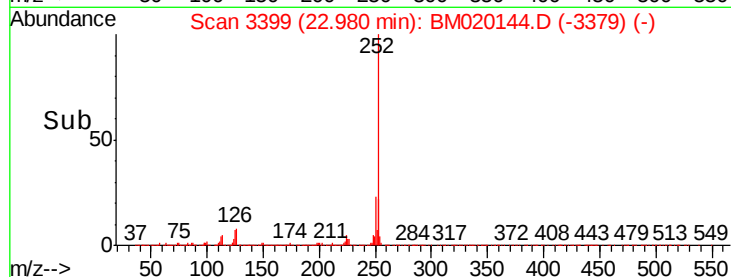
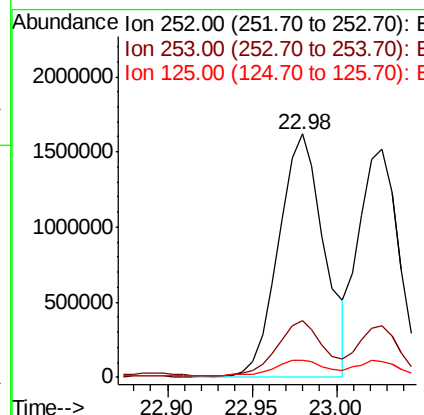
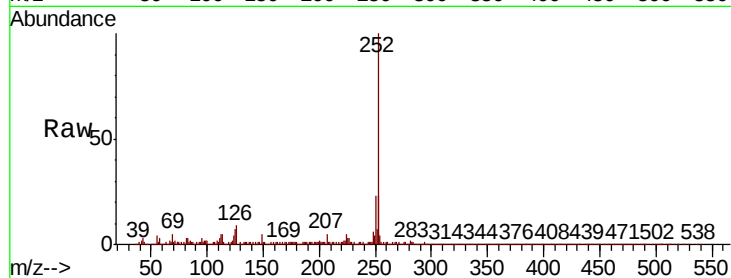
#88
Benzo(b)fluoranthene
Concen: 59.455 ng
RT: 22.98 min Scan# 3399
Delta R.T. 0.02 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	7.2	5.4	8.2

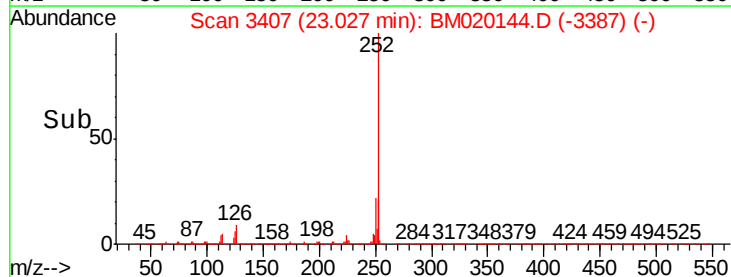
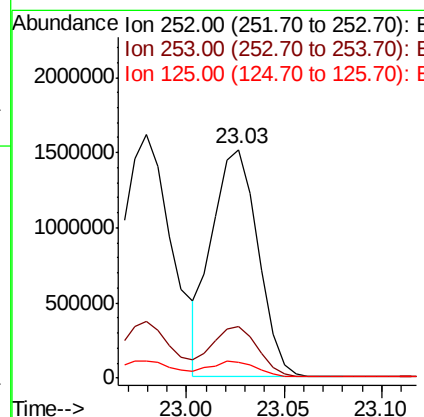
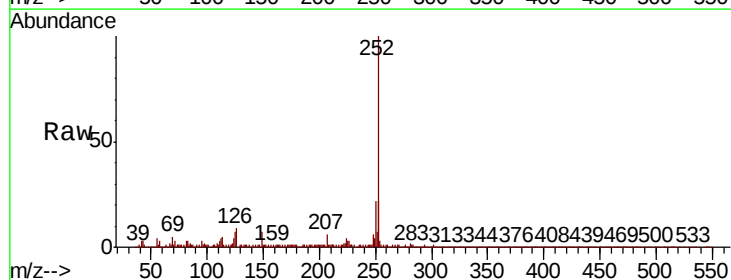
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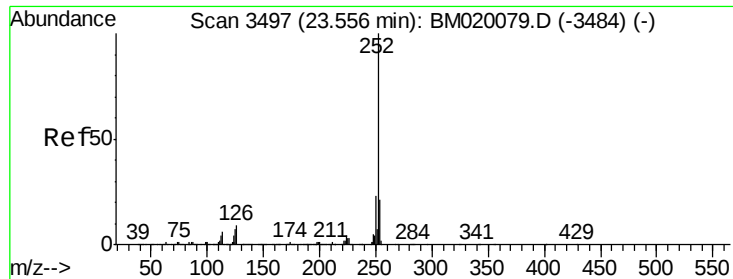
mohammad
5/7/2019 3:11:45 PM



#89
Benzo(k)fluoranthene
Concen: 53.597 ng
RT: 23.03 min Scan# 3407
Delta R.T. 0.02 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	7.0	5.4	8.0





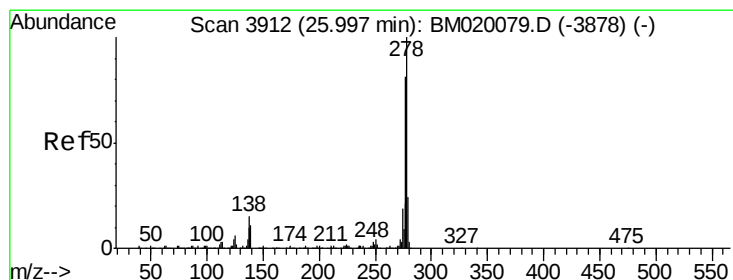
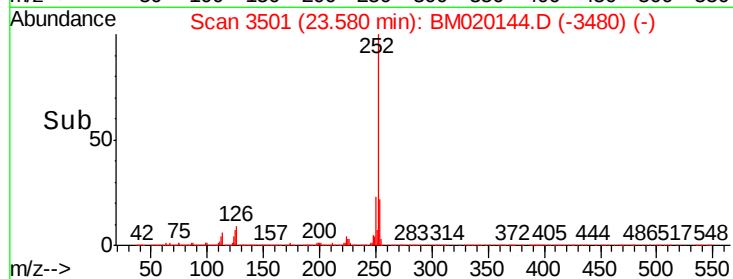
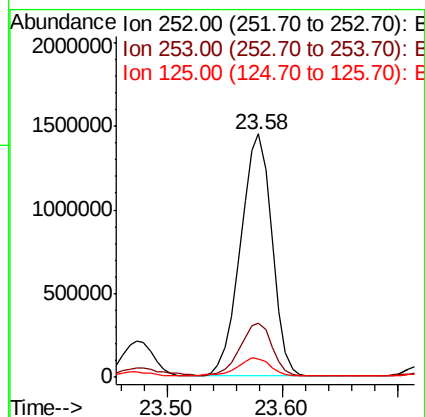
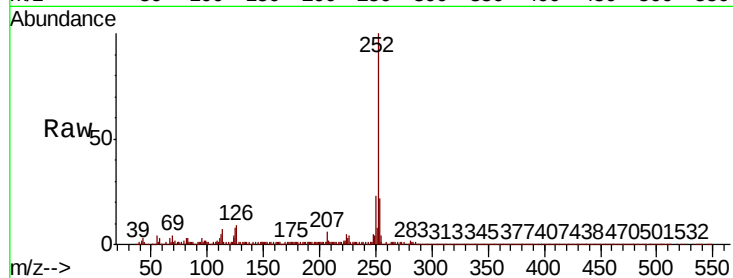
#90
Benzo(a)pyrene
Concen: 59.228 ng
RT: 23.58 min Scan# 3501
Delta R.T. 0.02 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	7.6	5.5	8.3

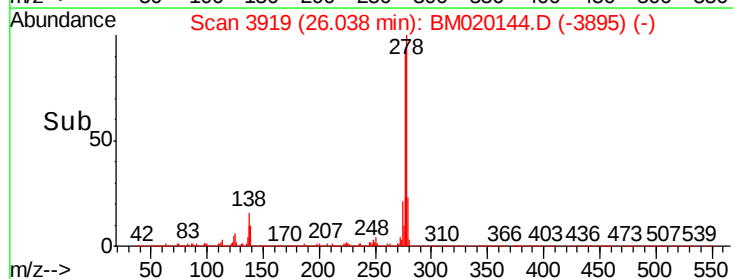
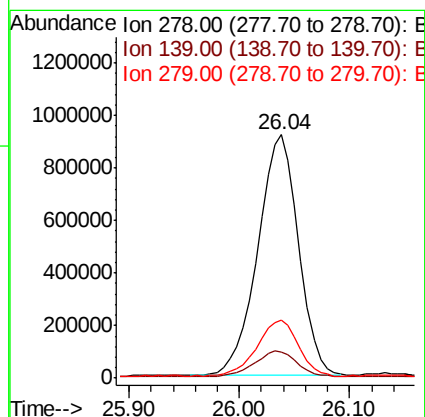
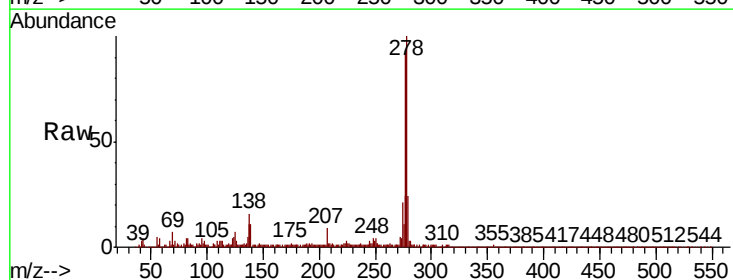
Manual Integrations
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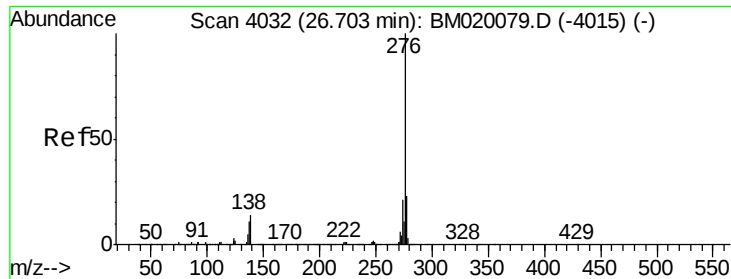
mohammad
5/7/2019 3:11:45 PM



#91
Dibenzo(a,h)anthracene
Concen: 49.296 ng
RT: 26.04 min Scan# 3919
Delta R.T. 0.04 min
Lab File: BM020144.D
Acq: 06 May 2019 20:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.6	13.0
279	23.9	18.8	28.2





#92
 Benzo(a,h,i)perylene
 Concen: 56.501 ng
 RT: 26.75 min Scan# 4040
 Delta R.T. 0.05 min
 Lab File: BM020144.D
 Acq: 06 May 2019 20:14

Instrument :
 BNA_M
 ClientSampleId :
 SP-02-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	13.8	11.1	16.7

Manual Integrations
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 5/7/2019 3:11:45 PM

