

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024116.D
 Acq On : 16 Dec 2019 19:53
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM121619

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:28 PM

Quant Time: Dec 17 02:58:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 19:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	361639	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1624589	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1098957	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2379716	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2421096	20.00	ng	0.00
87) Perylene-d12	23.21	264	2762696	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	1596464	77.50	ng	0.00
7) Phenol-d6	6.66	99	2440263	77.93	ng	0.00
23) Nitrobenzene-d5	8.62	82	2614259	75.62	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1202135	75.59	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	5986327	75.78	ng	0.00
79) Terphenyl-d14	19.53	244	10139136	82.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	334574	38.133	ng	# 100
3) Pyridine	3.43	79	1043413	42.236	ng	99
4) n-Nitrosodimethylamine	3.35	42	305080	37.475	ng	94
6) Aniline	6.80	93	1583064	39.673	ng	99
8) 2-Chlorophenol	7.03	128	937082	38.799	ng	100
9) Benzaldehyde	6.62	77	593887	38.223	ng	100
10) Phenol	6.68	94	1266673	38.956	ng	99
11) bis(2-Chloroethyl)ether	6.90	93	973369	38.467	ng	98
12) 1,3-Dichlorobenzene	7.35	146	1064132	38.712	ng	99
13) 1,4-Dichlorobenzene	7.49	146	1079816	38.640	ng	99
14) 1,2-Dichlorobenzene	7.80	146	1060025	38.750	ng	98
15) Benzyl Alcohol	7.71	79	958756	39.209	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.00	45	1181768	37.906	ng	99
17) 2-Methylphenol	7.92	107	858219	39.111	ng	99
18) Hexachloroethane	8.52	117	399473	38.444	ng	99
19) n-Nitroso-di-n-propylamine	8.27	70	917272	39.274	ng	99
20) 3+4-Methylphenols	8.25	107	1190676	39.108	ng	98
22) Acetophenone	8.29	105	1682995	38.089	ng	99
24) Nitrobenzene	8.66	77	1277293	37.745	ng	98
25) Isophorone	9.18	82	2373994	38.194	ng	99
26) 2-Nitrophenol	9.36	139	569036	38.537	ng	99
27) 2,4-Dimethylphenol	9.43	122	816621	38.199	ng	100
28) bis(2-Chloroethoxy)methane	9.67	93	1498131	37.893	ng	98
29) 2,4-Dichlorophenol	9.89	162	969749	38.018	ng	99
30) 1,2,4-Trichlorobenzene	10.10	180	1092676	37.794	ng	99
31) Naphthalene	10.27	128	3277470	37.976	ng	100
32) Benzoic acid	9.62	122	714137	36.883	ng	100
33) 4-Chloroaniline	10.40	127	1471552	38.460	ng	99
34) Hexachlorobutadiene	10.56	225	621289	37.268	ng	99
35) Caprolactam	11.22	113	372215m	38.854	ng	
36) 4-Chloro-3-methylphenol	11.55	107	1164834	38.315	ng	99
37) 2-Methylnaphthalene	11.90	142	2441958	38.014	ng	100
38) 1-Methylnaphthalene	12.13	142	2344945	38.187	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	1219942	37.102	ng	100

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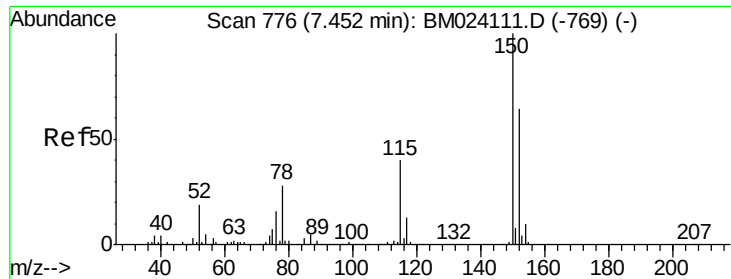
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	425865	35.870	nq	99
43) 2,4,6-Trichlorophenol	12.54	196	843554	37.863	nq	99
44) 2,4,5-Trichlorophenol	12.62	196	873096	38.396	nq	97
46) 1,1'-Biphenyl	12.94	154	3321820	37.729	nq	99
47) 2-Chloronaphthalene	12.98	162	2608731	37.514	nq	100
48) 2-Nitroaniline	13.20	65	879087	37.907	nq	97
49) Acenaphthylene	13.84	152	4081388	37.846	nq	99
50) Dimethylphthalate	13.60	163	3377462	37.648	nq	100
51) 2,6-Dinitrotoluene	13.72	165	737711	37.866	nq	95
52) Acenaphthene	14.19	154	2477927	37.511	nq	99
53) 3-Nitroaniline	14.04	138	820586	38.029	nq	96
54) 2,4-Dinitrophenol	14.26	184	398346	36.833	nq	98
55) Dibenzofuran	14.52	168	3909639	37.523	nq	100
56) 4-Nitrophenol	14.37	139	617384	38.988	nq	98
57) 2,4-Dinitrotoluene	14.52	165	1041422	37.799	nq	97
58) Fluorene	15.18	166	3263356	37.635	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	806524	38.361	nq	99
60) Diethylphthalate	14.97	149	3456448	37.984	nq	99
61) 4-Chlorophenyl-phenylether	15.18	204	1600925	37.164	nq	98
62) 4-Nitroaniline	15.22	138	813286	37.697	nq	99
63) Azobenzene	15.47	77	3321507	37.548	nq	100
65) 4,6-Dinitro-2-methylphenol	15.29	198	533429	37.895	nq	97
66) n-Nitrosodiphenylamine	15.40	169	2823139	37.766	nq	100
67) 4-Bromophenyl-phenylether	16.07	248	1066603	37.976	nq	99
68) Hexachlorobenzene	16.19	284	1280164	37.551	nq	99
69) Atrazine	16.36	200	747757	39.033	nq	99
70) Pentachlorophenol	16.53	266	641141	39.646	nq	99
71) Phenanthrene	16.92	178	5229185	38.198	nq	99
72) Anthracene	17.01	178	5109964	38.506	nq	100
73) Carbazole	17.29	167	4839910	38.409	nq	100
74) Di-n-butylphthalate	17.86	149	5951319	39.679	nq	100
75) Fluoranthene	18.94	202	6016033	38.824	nq	99
77) Benzidine	19.14	184	1982611	47.708	nq	99
78) Pyrene	19.31	202	6193989	38.745	nq	100
80) Butylbenzylphthalate	20.24	149	2831758	37.971	nq	96
81) Benzo(a)anthracene	21.07	228	6099993	38.368	nq	100
82) 3,3'-Dichlorobenzidine	21.01	252	2252858	38.857	nq	99
83) Chrysene	21.12	228	5879838	38.630	nq	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	4012247	37.997	nq	99
85) Di-n-octyl phthalate	21.88	149	6711065	40.006	nq	100
86) Indeno(1,2,3-cd)pyrene	25.33	276	7086498	37.098	nq	# 100
88) Benzo(b)fluoranthene	22.59	252	6584907	37.813	nq	99
89) Benzo(k)fluoranthene	22.63	252	6465948	38.504	nq	99
90) Benzo(a)pyrene	23.13	252	6031095	37.559	nq	100
91) Dibenzo(a,h)anthracene	25.34	278	5888220	37.501	nq	100
92) Benzo(g,h,i)perylene	25.97	276	5461951	37.009	nq	99

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



#1

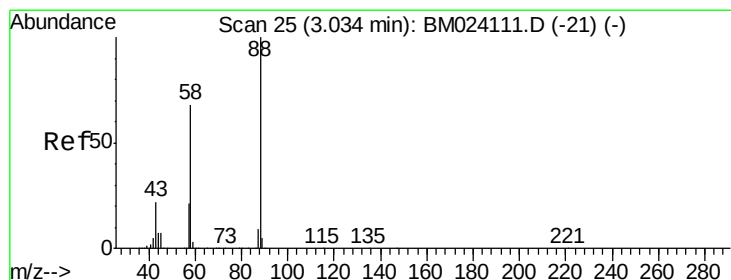
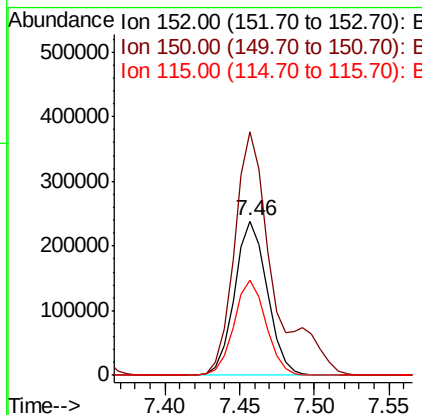
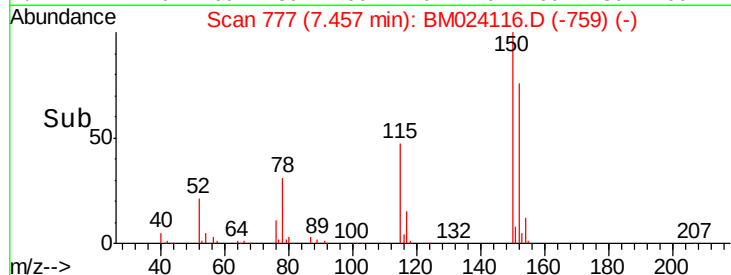
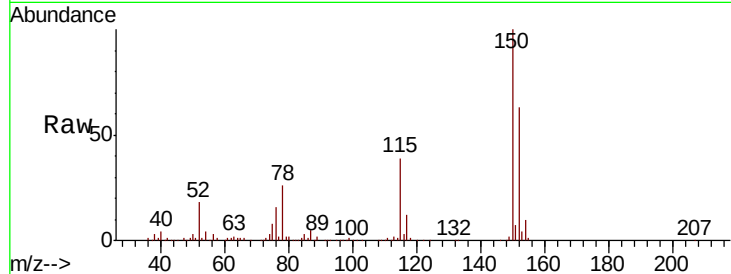
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.46 min Scan# 777
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.0	187.6
115	61.5	49.8	74.6

Manual Integrations
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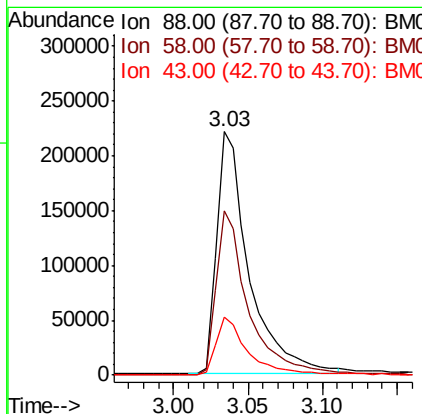
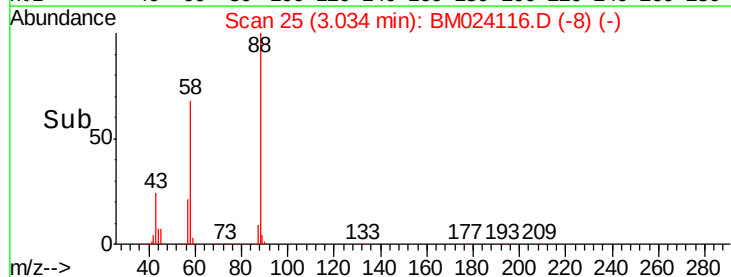
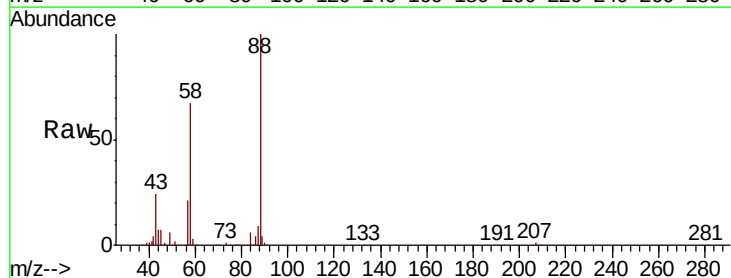
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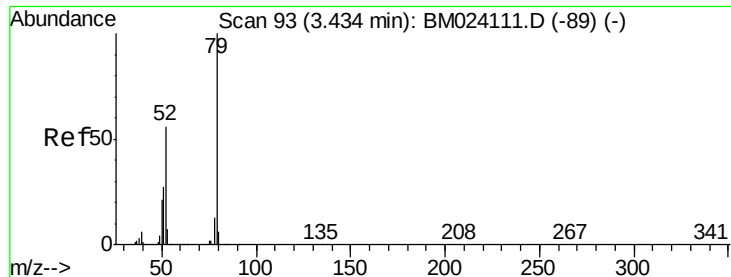


#2

1,4-Dioxane
Concen: 38.133 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	0.0	0.0#
43	23.1	0.0	0.0#





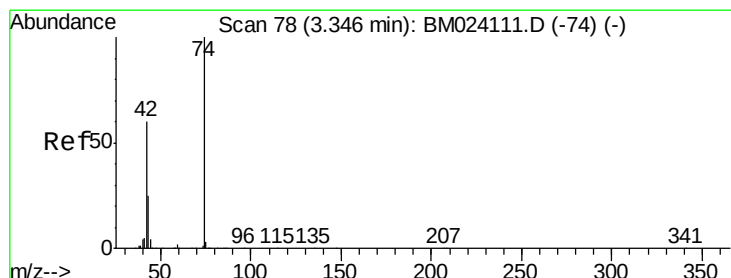
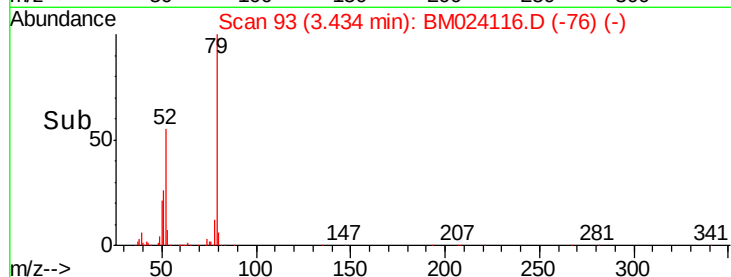
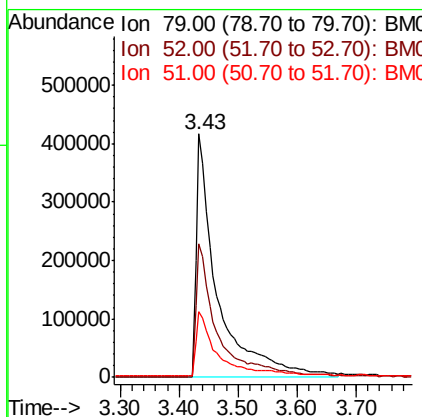
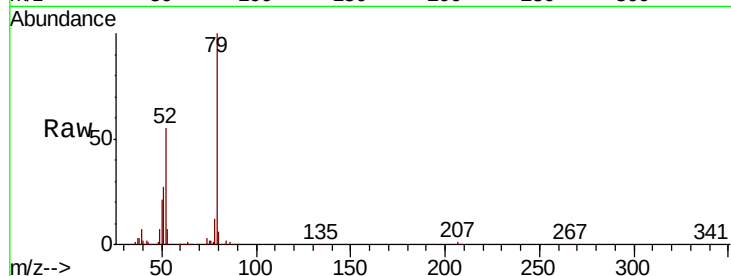
#3
 Pvridine
 Concen: 42.236 ng
 RT: 3.43 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM121619

Tot Ion: 79 Resp: 1043413
 Ion Ratio Lower Upper
 79 100
 52 54.9 44.5 66.7
 51 27.2 22.6 33.8

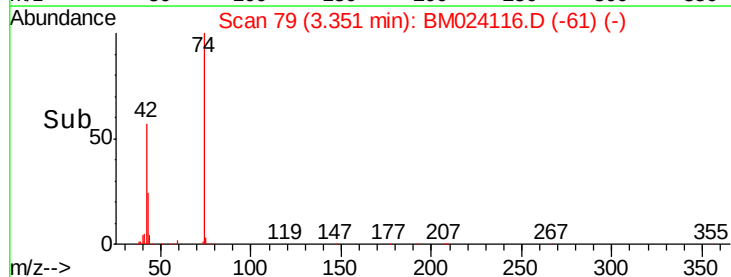
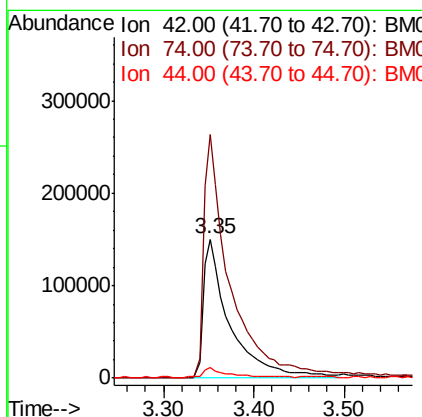
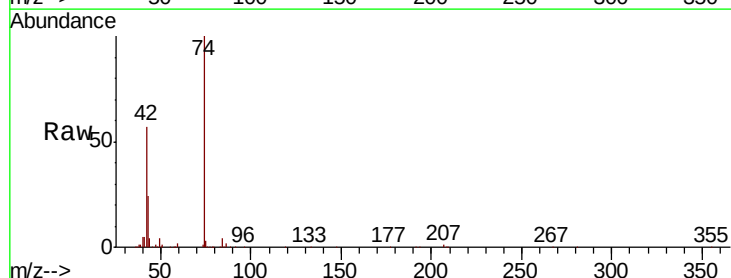
Manual Integrations
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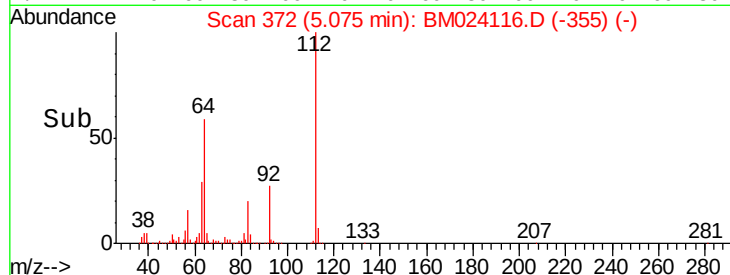
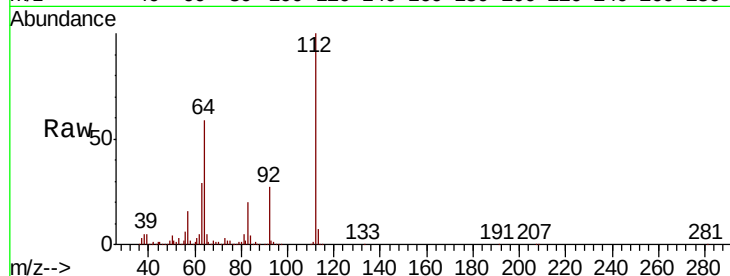
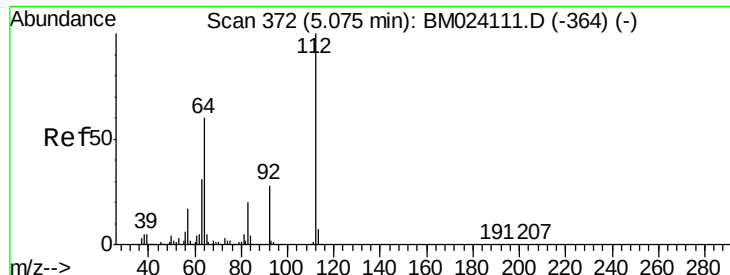
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#4
 n-Nitrosodimethylamine
 Concen: 37.475 ng
 RT: 3.35 min Scan# 79
 Delta R.T. 0.01 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Tgt Ion: 42 Resp: 305080
 Ion Ratio Lower Upper
 42 100
 74 175.2 133.6 200.4
 44 7.2 5.4 8.0





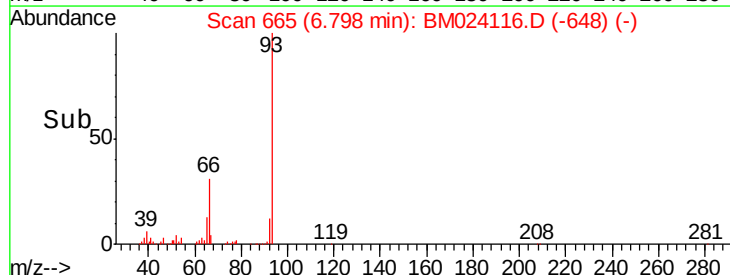
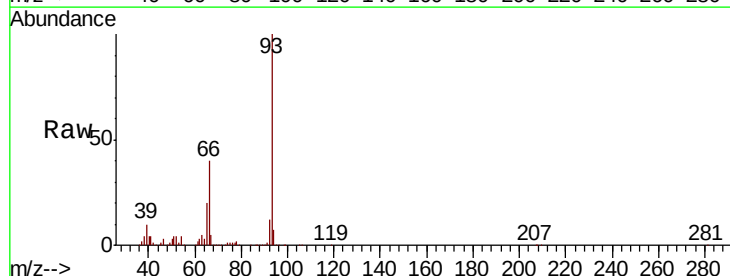
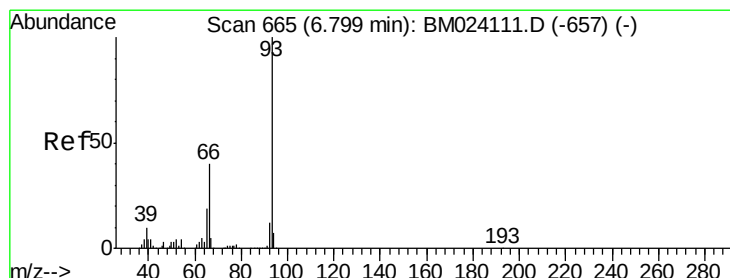
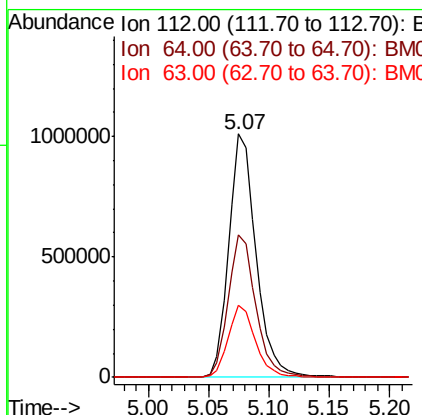
#5
2-Fluorophenol
Concen: 77.496 ng
RT: 5.07 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tot Ion	Ratio	Lower	Upper
112	100		
64	58.6	48.4	72.6
63	29.4	24.4	36.6

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

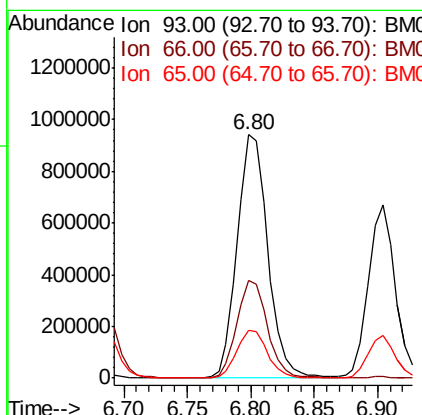
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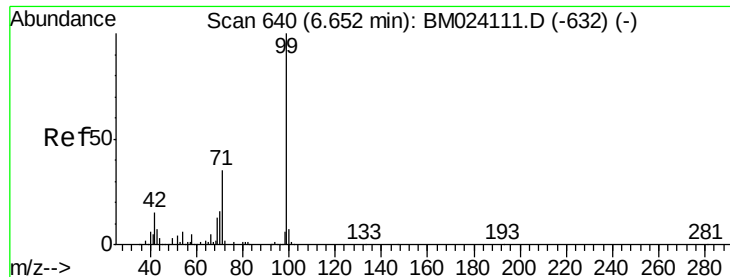
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#6
Aniline
Concen: 39.673 ng
RT: 6.80 min Scan# 665
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.0	48.0
65	19.8	15.4	23.0





#7

Phenol-d6

Concen: 77.932 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

ClientSampleId :

ICVBM121619

Tot Ion: 99 Resp: 2440263

Ion Ratio Lower Upper

99 100

42 14.4 11.9 17.9

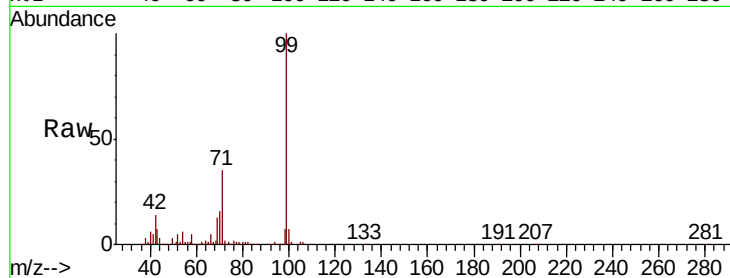
71 35.1 28.0 42.0

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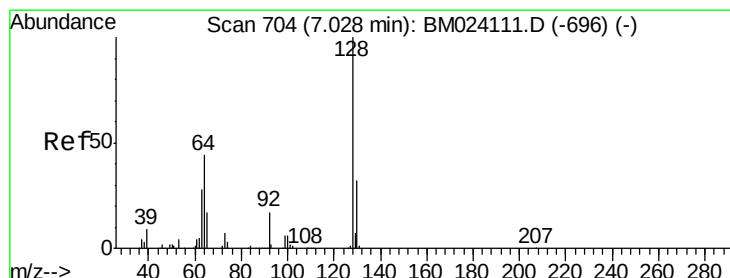
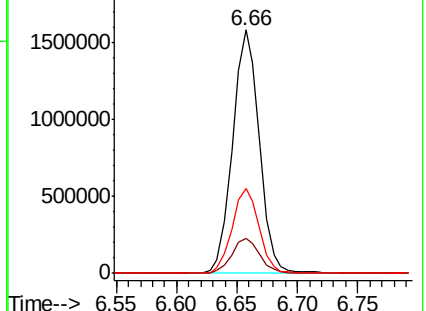
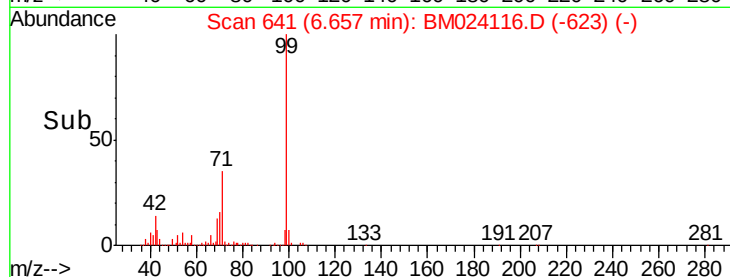
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Abundance Ion 99.00 (98.70 to 99.70): BM024111.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM024111.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM024111.D (-632) (-)



#8

2-Chlorophenol

Concen: 38.799 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

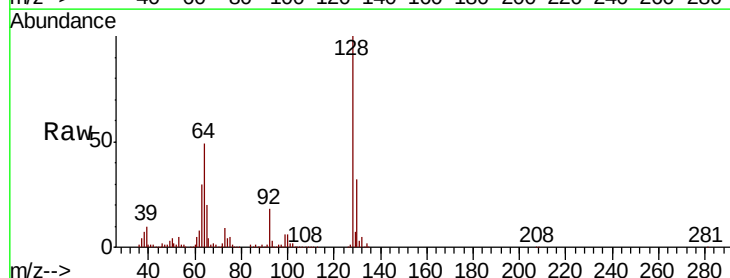
Tgt Ion: 128 Resp: 937082

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

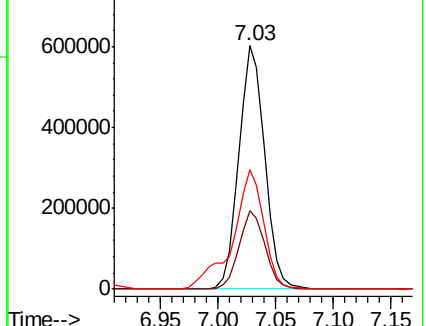
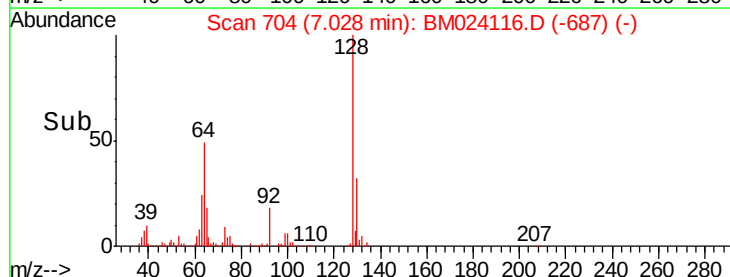
64 49.1 28.9 68.9

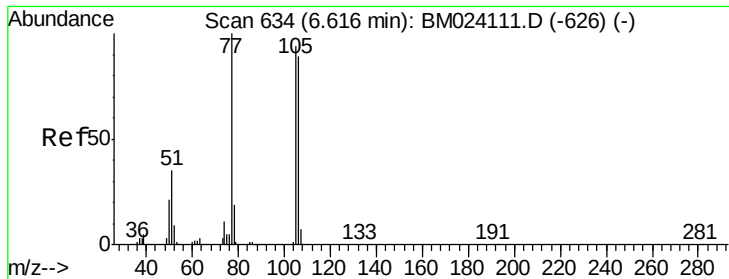


Abundance Ion 128.00 (127.70 to 128.70): BM024111.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM024111.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM024111.D (-696) (-)





#9

Benzaldehyde

Concen: 38.223 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

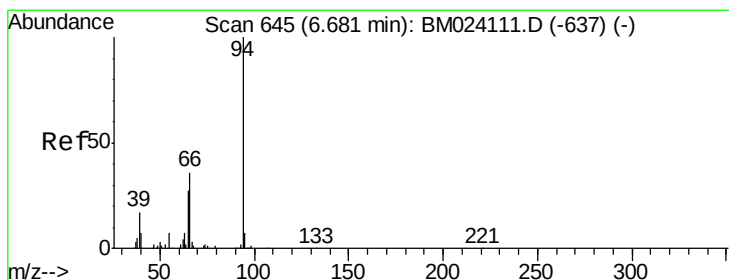
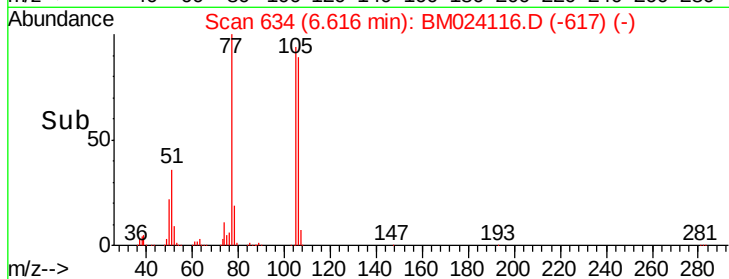
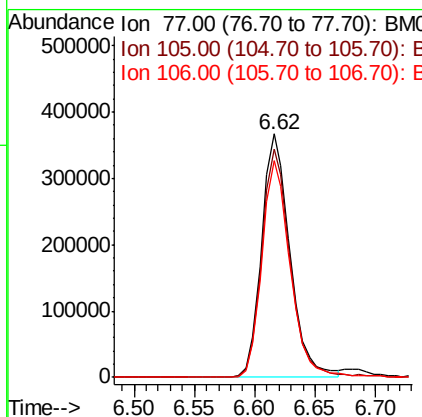
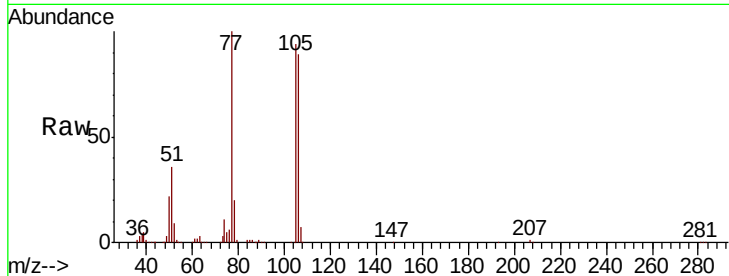
ClientSampleID :

ICVBM121619

Tot Ion:	77	Resp:	593887
Ion Ratio	Lower	Upper	
77	100		
105	93.6	73.9	113.9
106	89.1	69.3	109.3

Manual Integrations
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#10

Phenol

Concen: 38.956 ng

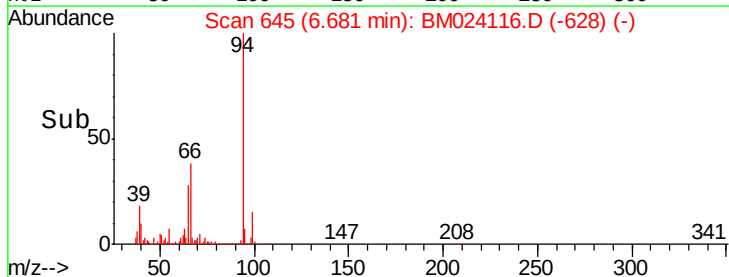
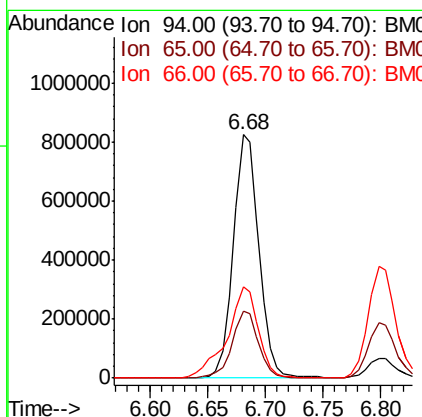
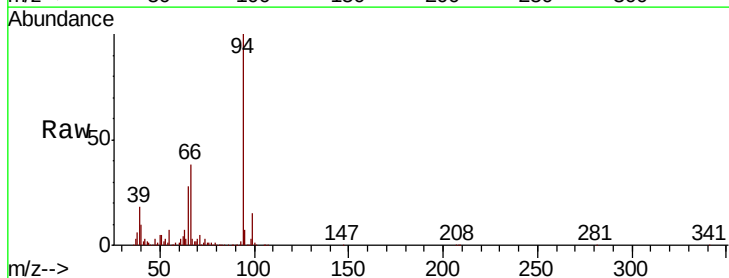
RT: 6.68 min Scan# 645

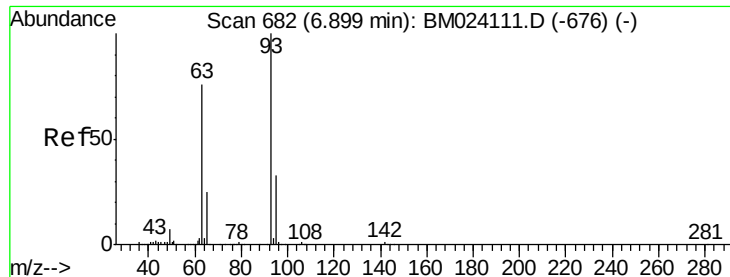
Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Tgt Ion:	94	Resp:	1266673
Ion Ratio	Lower	Upper	
94	100		
65	27.7	7.3	47.3
66	37.7	17.3	57.3





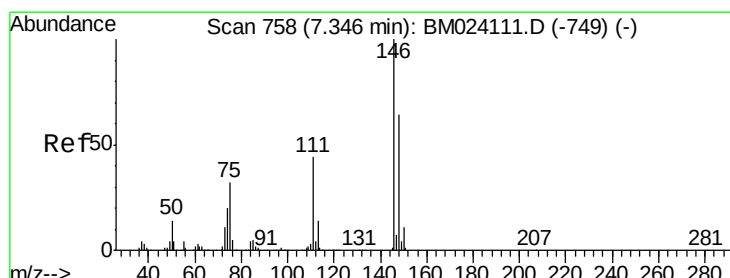
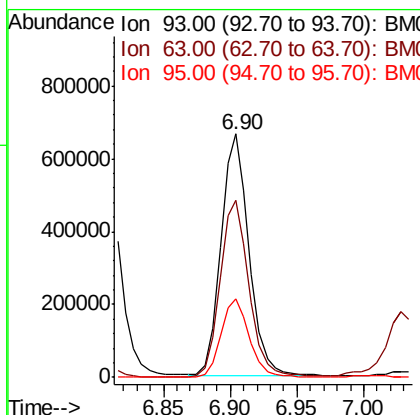
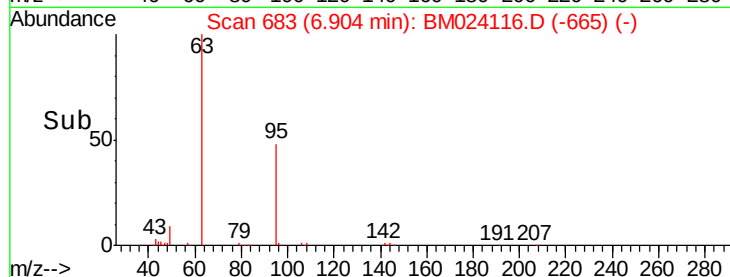
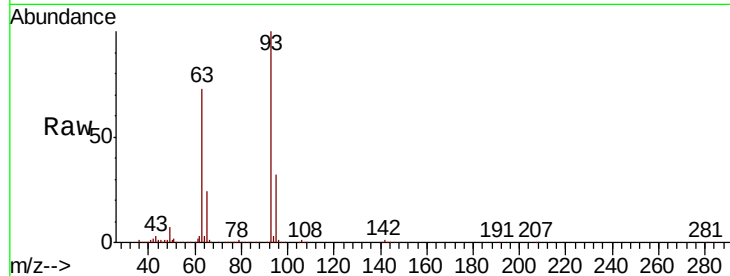
#11
bis(2-Chloroethyl)ether
Concen: 38.467 ng
RT: 6.90 min Scan# 683
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		973369		
63	72.7	55.0	95.0		
95	32.0	12.4	52.4		

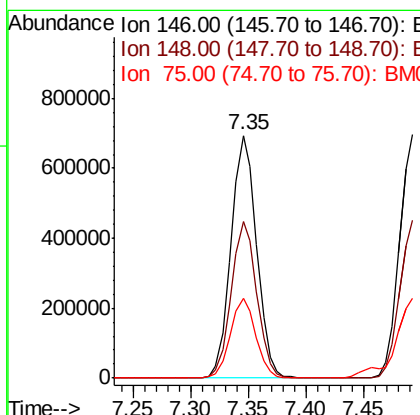
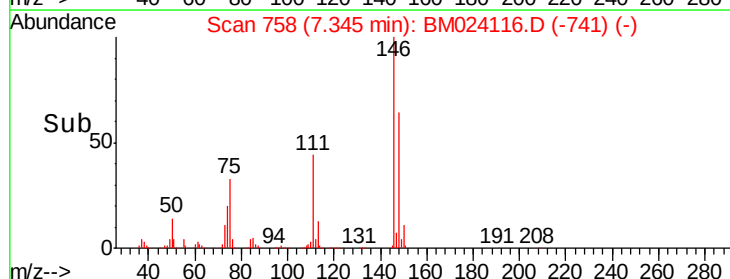
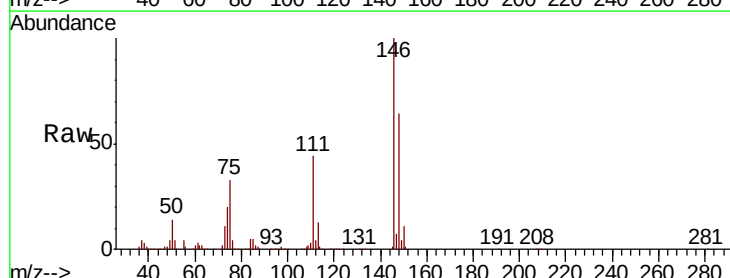
Manual Integrations
APPROVED

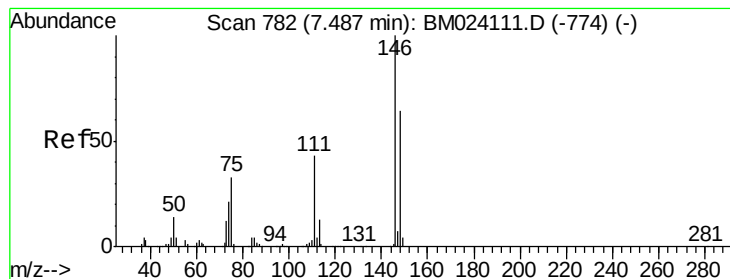
mohammad
12/17/2019 3:20:28 PM



#12
1,3-Dichlorobenzene
Concen: 38.712 ng
RT: 7.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		1064132		
148	64.4	51.4	77.0		
75	32.7	25.5	38.3		





#13

1,4-Dichlorobenzene

Concen: 38.640 ng

RT: 7.49 min Scan# 783

Delta R.T. 0.01 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

ClientSampleId :

ICVBM121619

Tot Ion:146 Resp: 1079816

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

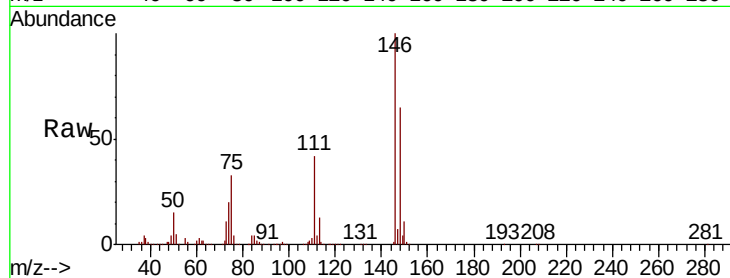
111 42.2 34.2 51.4

Manual Integrations

APPROVED

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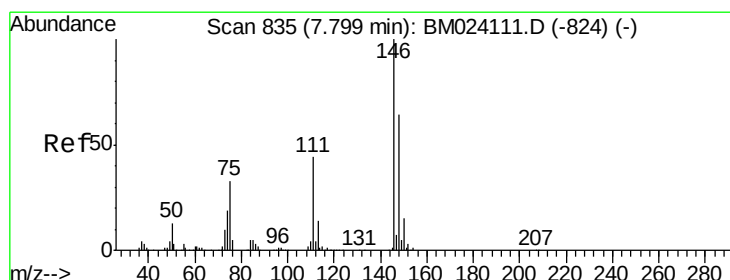
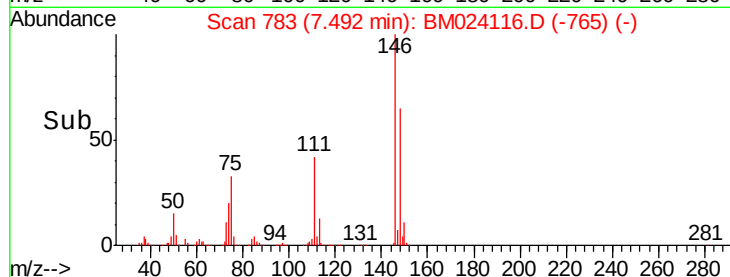
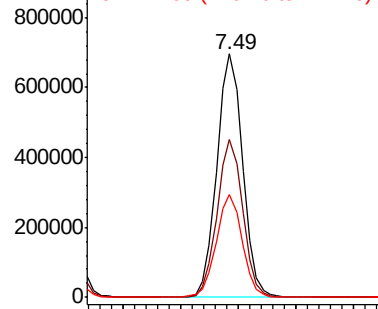


Abundance

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: 38.750 ng

RT: 7.80 min Scan# 836

Delta R.T. 0.01 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

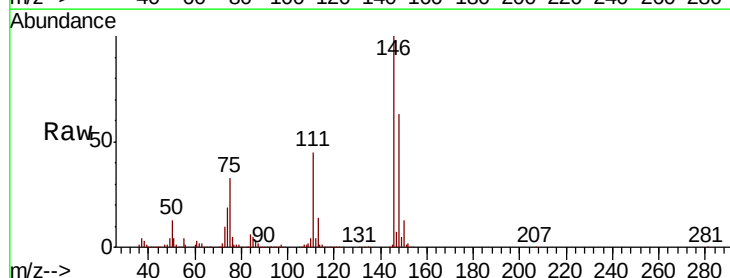
Tgt Ion:146 Resp: 1060025

Ion Ratio Lower Upper

146 100

148 62.6 51.4 77.0

111 44.8 34.8 52.2

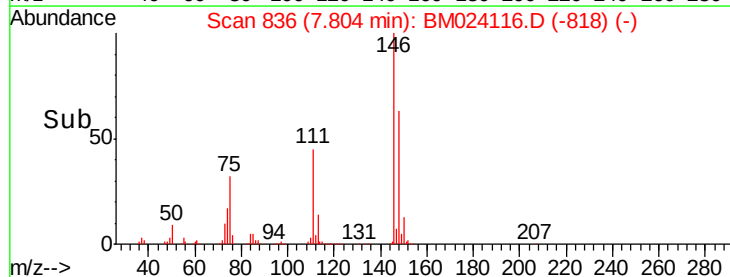
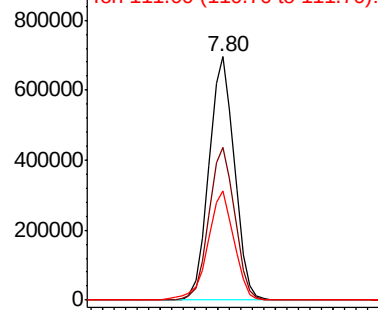


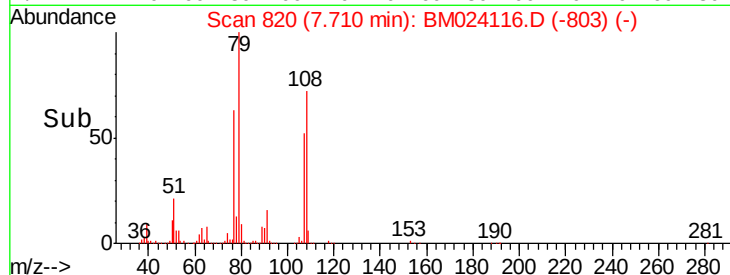
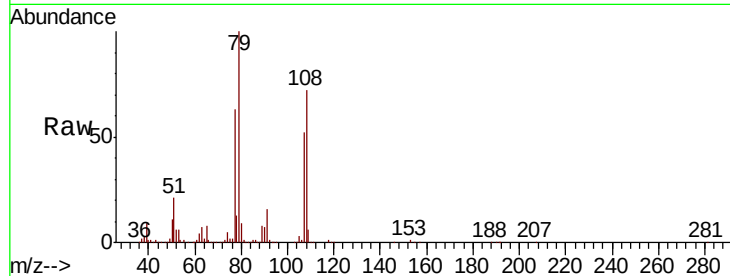
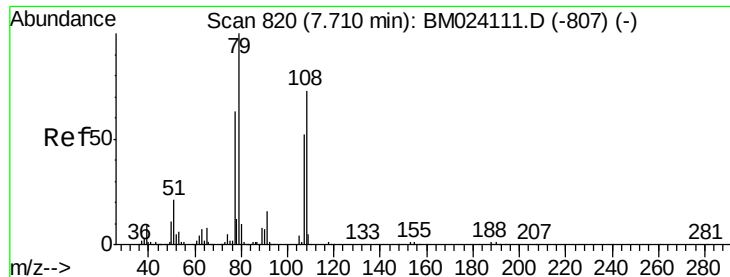
Abundance

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





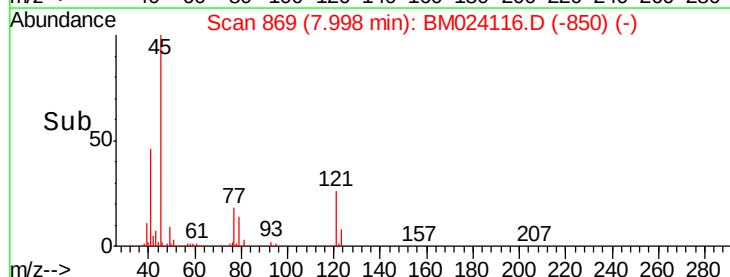
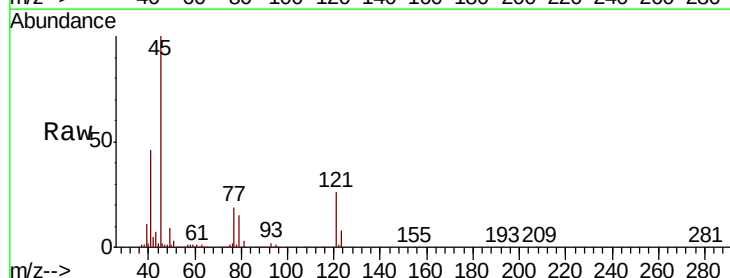
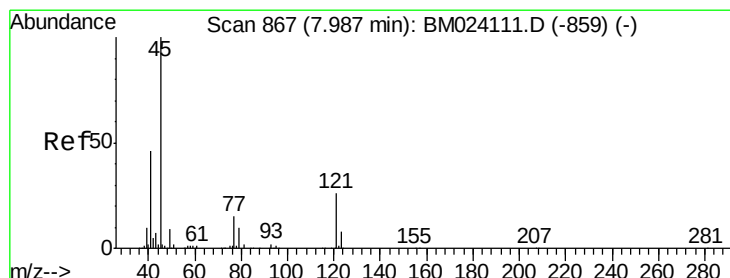
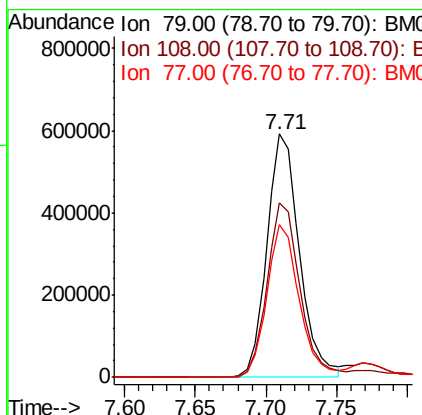
#15
Benzyl Alcohol
Concen: 39.209 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.7	58.7	88.1
77	62.9	50.7	76.1

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

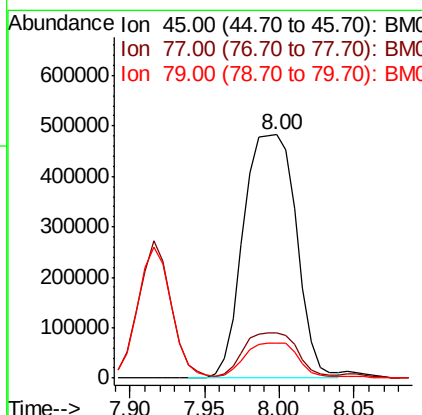
Manual Integrations
APPROVED

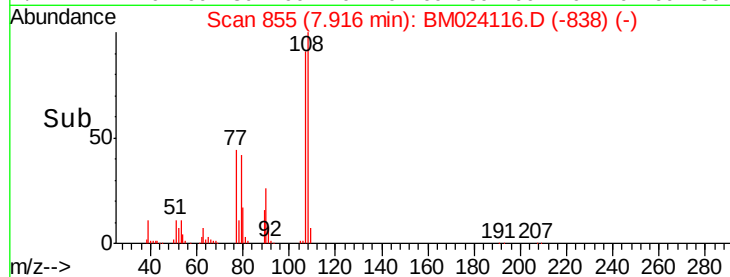
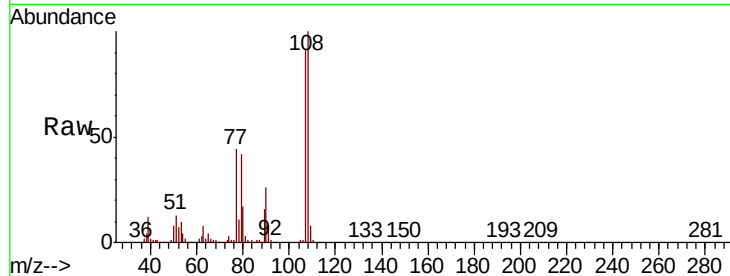
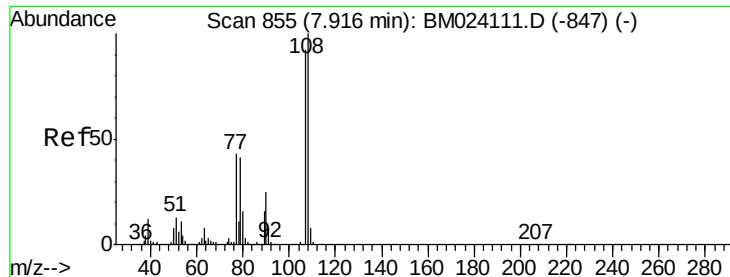
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.906 ng
RT: 8.00 min Scan# 869
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	38.7
79	14.6	0.0	33.8





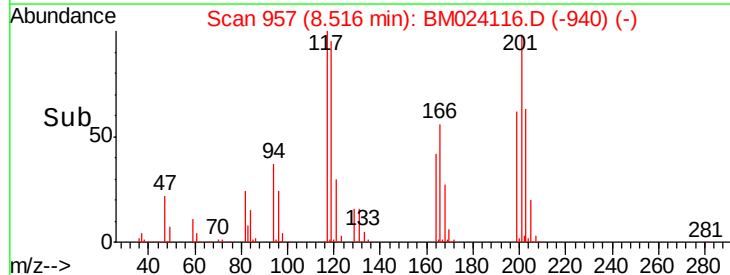
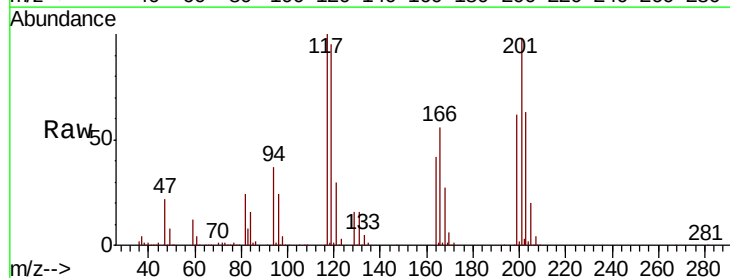
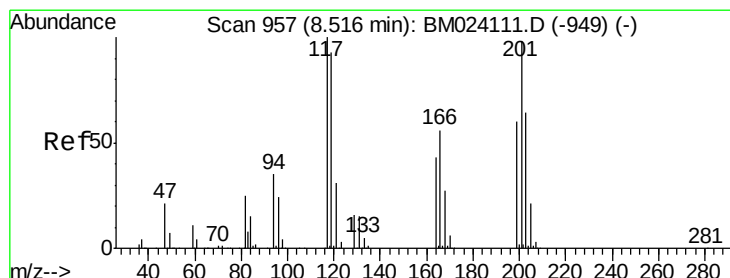
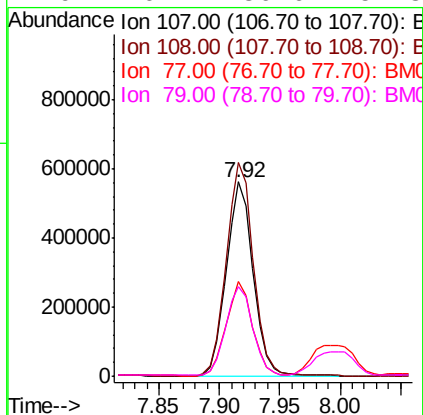
#17
2-Methylphenol
Concen: 39.111 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	87.5	131.3	
77	48.6	37.6	56.4	
79	46.2	36.6	54.8	

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

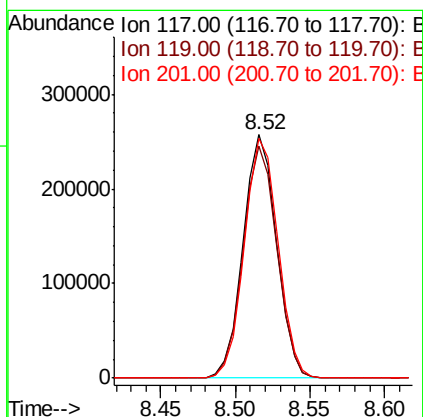
Manual Integrations
APPROVED

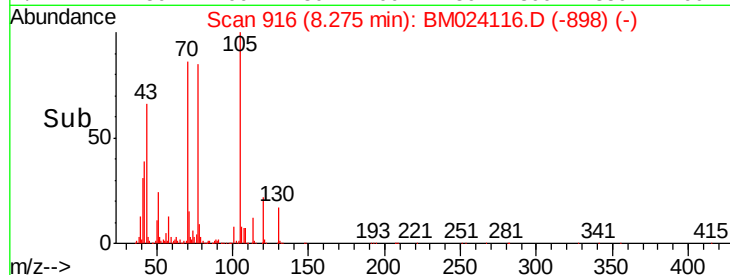
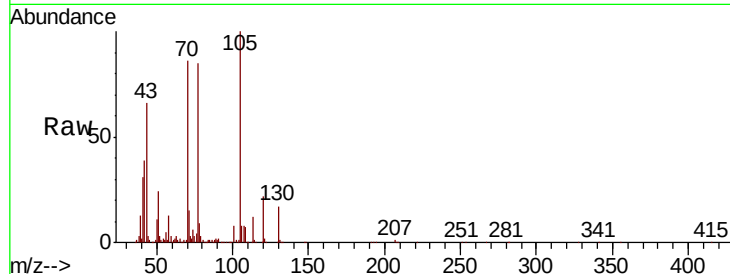
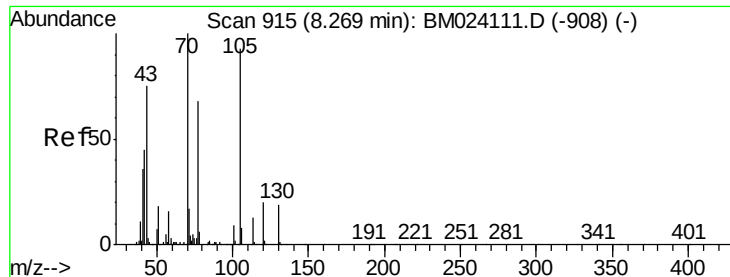
mohammad
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#18
Hexachloroethane
Concen: 38.444 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	74.7	112.1	
201	98.3	78.2	117.2	





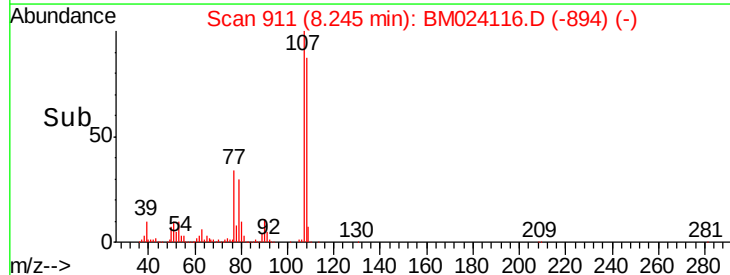
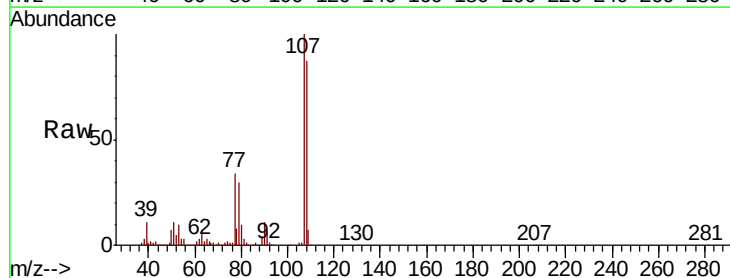
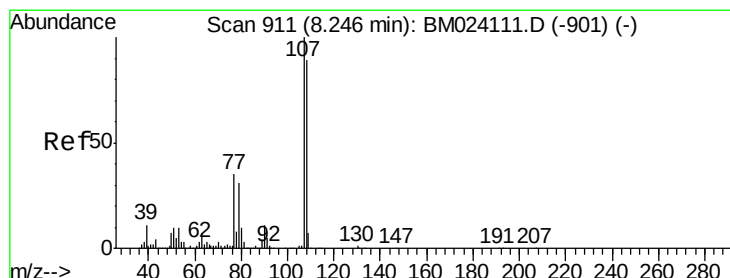
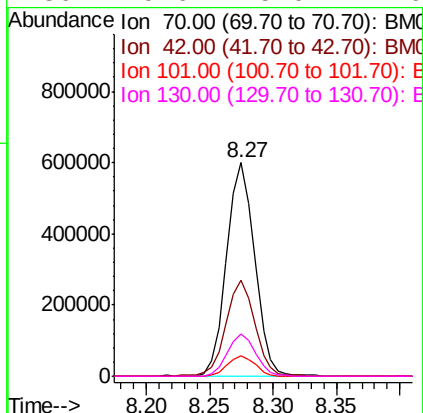
#19
n-Nitroso-di-n-propylamine
Concen: 39.274 ng
RT: 8.27 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	36.3	54.5
101	9.4	7.5	11.3
130	19.6	15.0	22.6

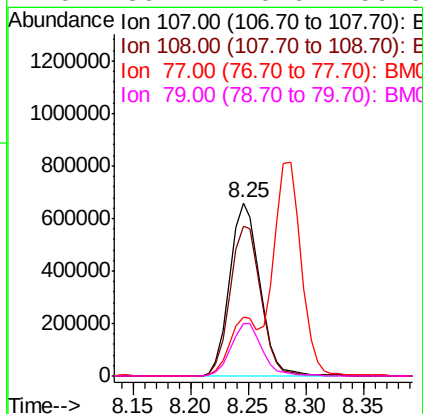
Manual Integrations
APPROVED

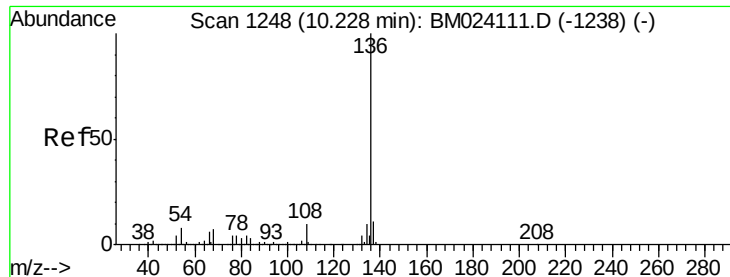
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#20
3+4-Methylphenols
Concen: 39.108 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.9	108.9
77	34.0	15.1	55.1
79	30.1	10.6	50.6





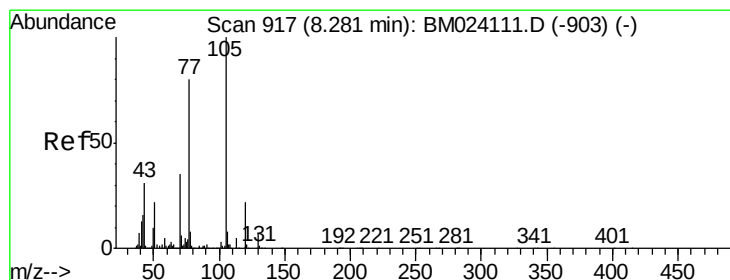
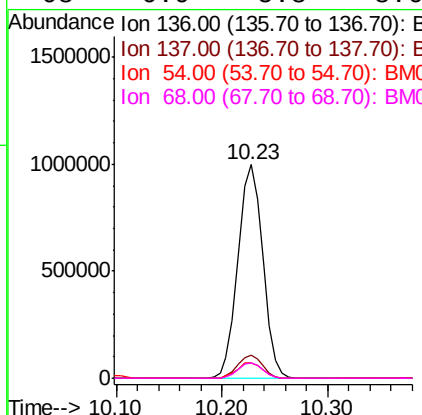
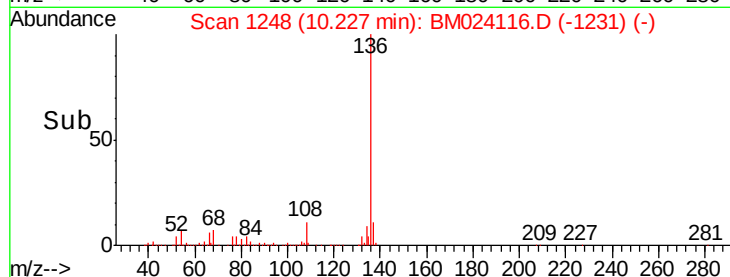
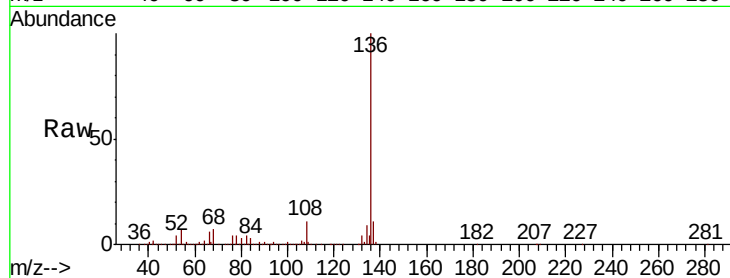
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	136	Resp	1624589
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.2	6.0	9.0
68	6.9	5.8	8.6

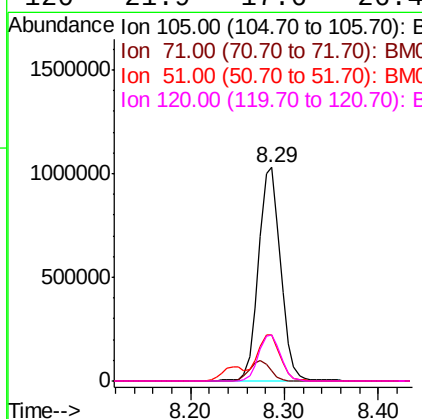
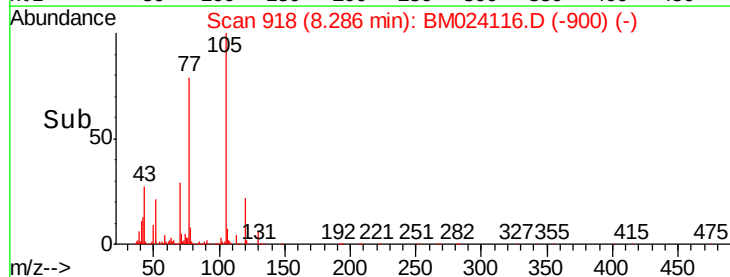
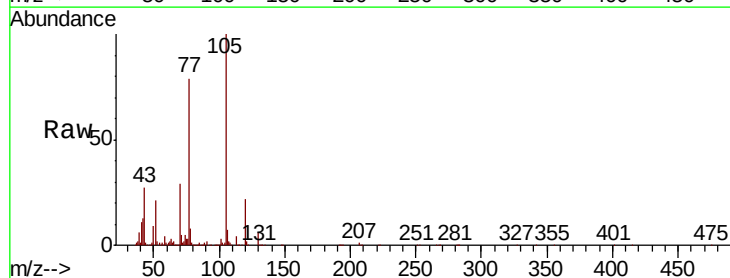
Manual Integrations
APPROVED

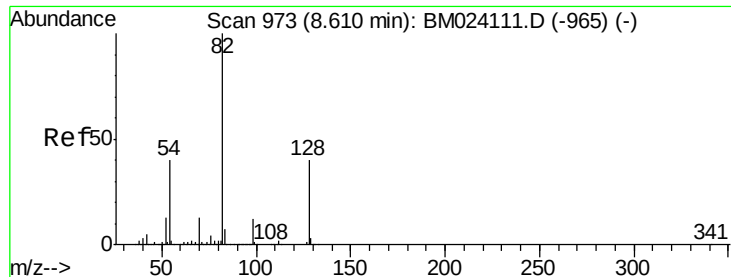
mohammad
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#22
Acetophenone
Concen: 38.089 ng
RT: 8.29 min Scan# 918
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	105	Resp	1682995
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.6	6.8
51	21.4	17.4	26.2
120	21.9	17.6	26.4





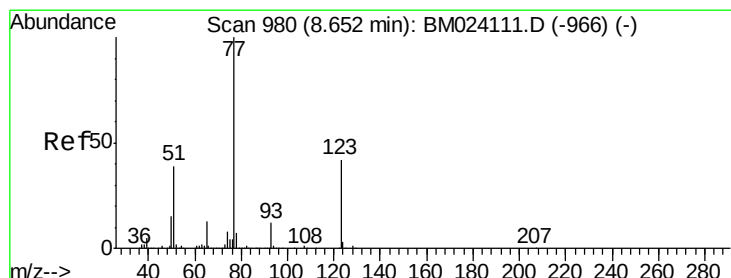
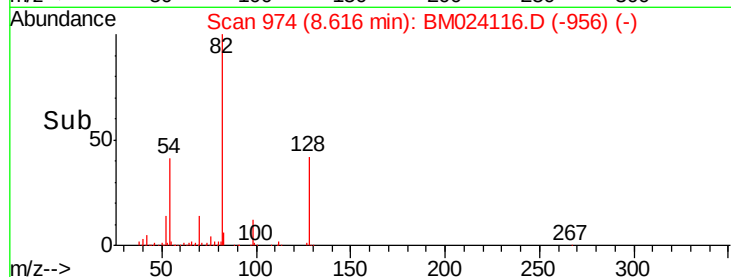
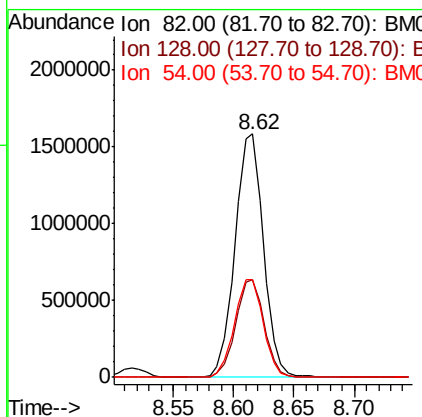
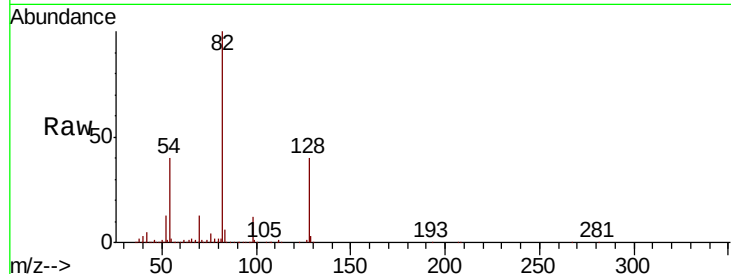
#23
 Nitrobenzene-d5
 Concen: 75.624 ng
 RT: 8.62 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM121619

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.8	47.8
54	40.0	32.2	48.2

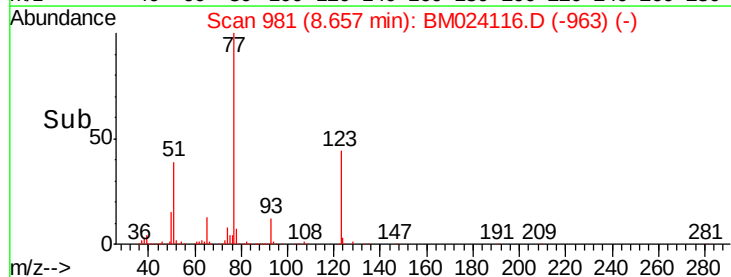
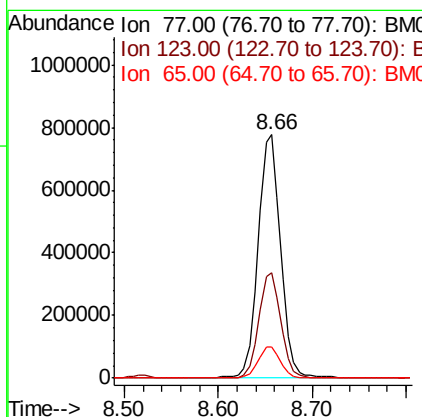
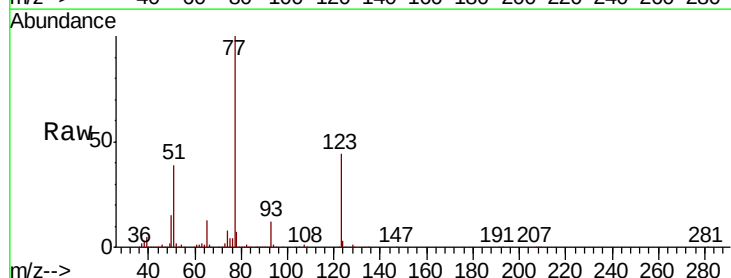
Manual Integrations
 APPROVED

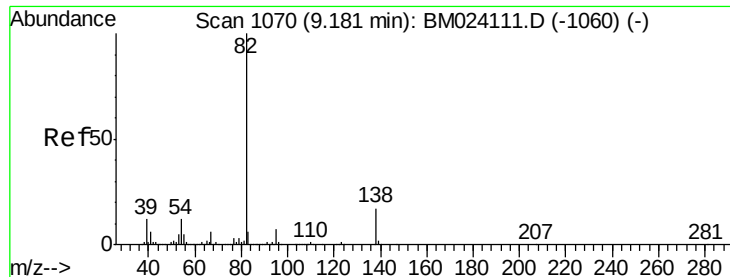
mohammad
 12/17/2019 3:20:28 PM



#24
 Nitrobenzene
 Concen: 37.745 ng
 RT: 8.66 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	33.8	50.6
65	12.9	10.3	15.5





#25

Isophorone

Concen: 38.194 ng

RT: 9.18 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

ClientSampleId :

ICVBM121619

Tot Ion: 82 Resp: 2373994

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

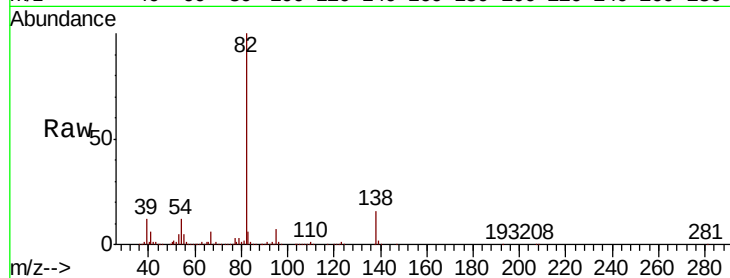
138 16.1 13.3 19.9

Manual Integrations

APPROVED

mohammad

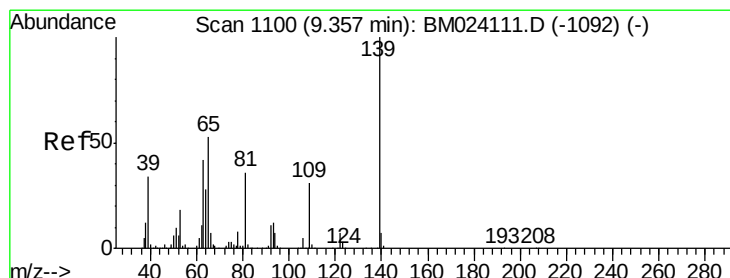
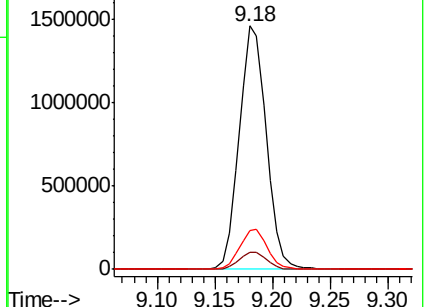
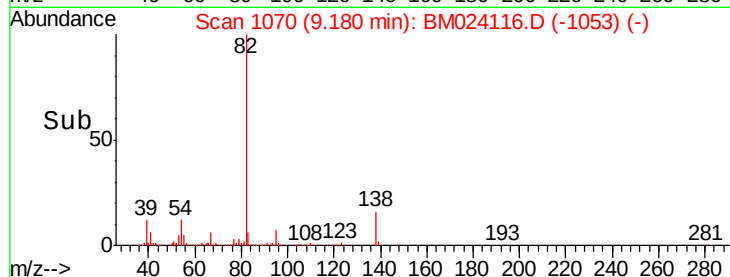
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Abundance Ion 82.00 (81.70 to 82.70): BM024116.D (-1053) (-)

Ion 95.00 (94.70 to 95.70): BM024116.D (-1053) (-)

Ion 138.00 (137.70 to 138.70): BM024116.D (-1053) (-)



#26

2-Nitrophenol

Concen: 38.537 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

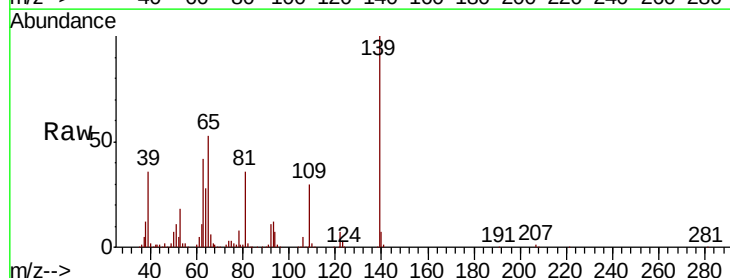
Tgt Ion: 139 Resp: 569036

Ion Ratio Lower Upper

139 100

109 30.0 24.5 36.7

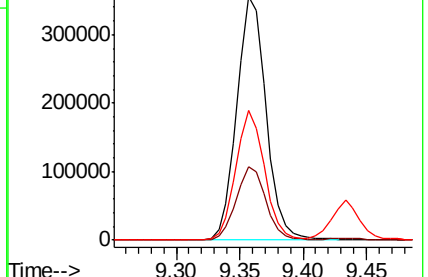
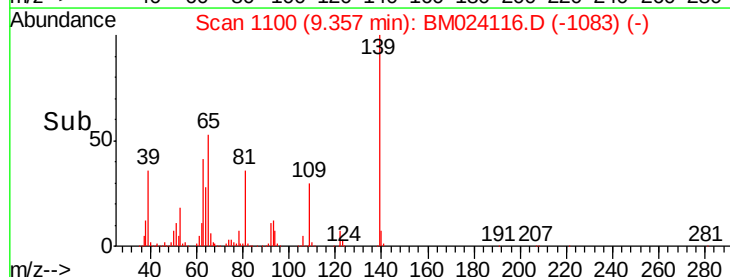
65 53.1 42.1 63.1

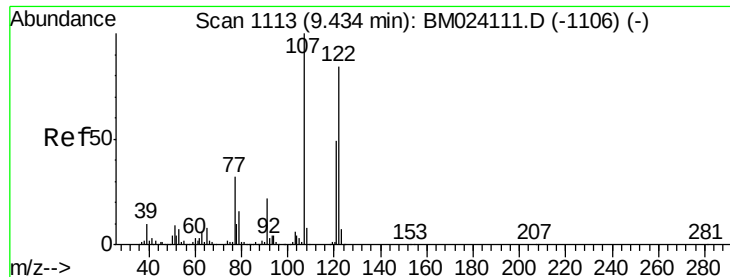


Abundance Ion 139.00 (138.70 to 139.70): BM024116.D (-1083) (-)

Ion 109.00 (108.70 to 109.70): BM024116.D (-1083) (-)

Ion 65.00 (64.70 to 65.70): BM024116.D (-1083) (-)





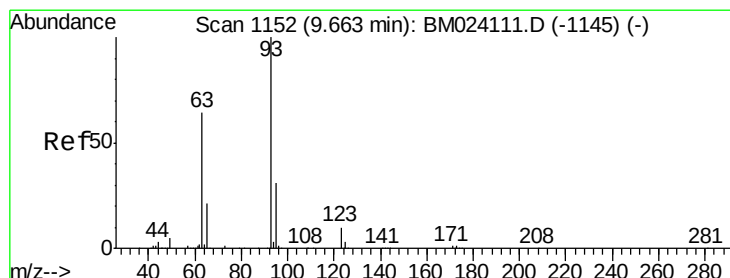
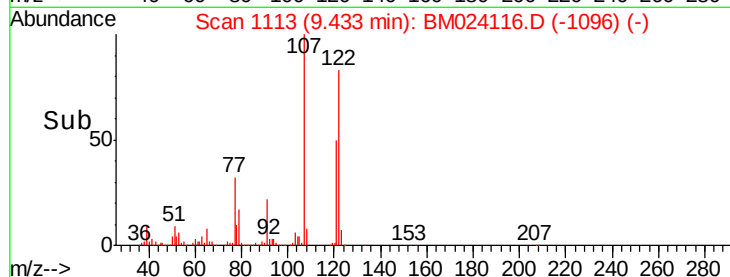
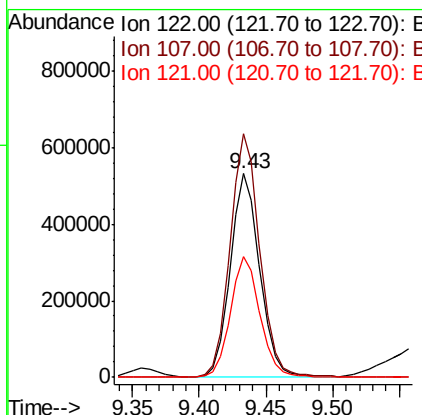
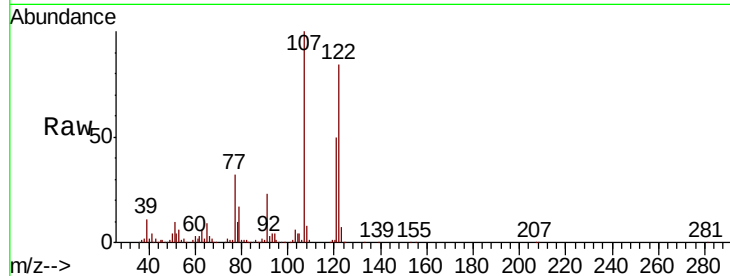
#27
2,4-Dimethylphenol
Concen: 38.199 ng
RT: 9.43 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	95.8	143.6
121	59.3	47.0	70.4

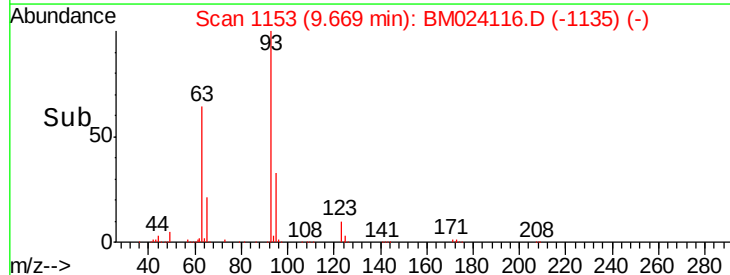
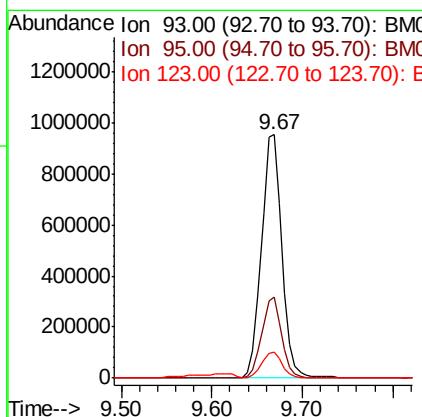
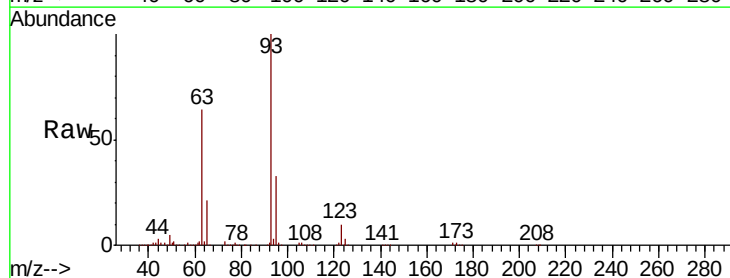
Manual Integrations
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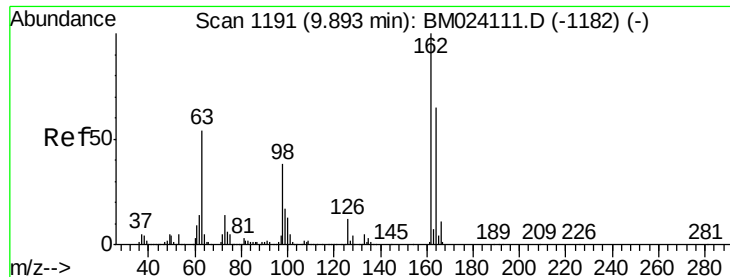
mohammad
12/17/2019 3:20:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.893 ng
RT: 9.67 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.1	37.7
123	10.5	8.5	12.7





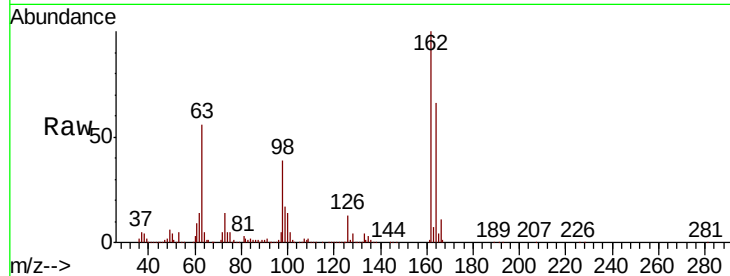
#29
2,4-Dichlorophenol
Concen: 38.018 ng
RT: 9.89 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Resp	Lower	Upper
162	100	969749		
164	65.7	45.1	85.1	
98	39.4	18.2	58.2	

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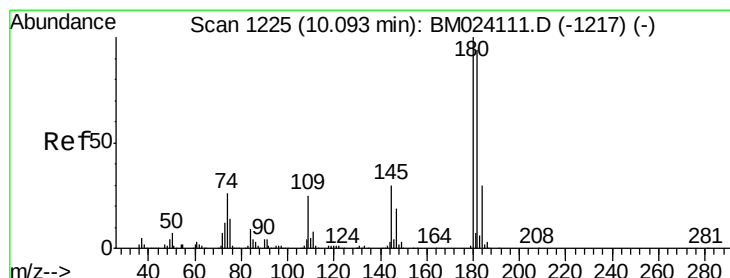
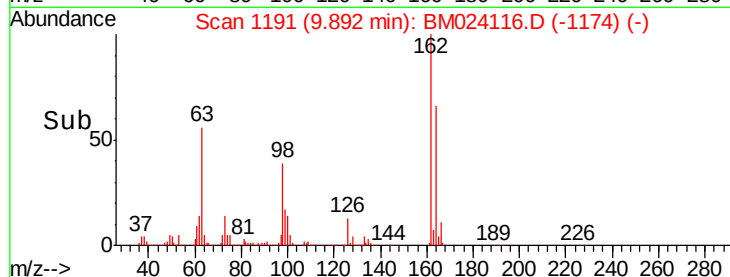
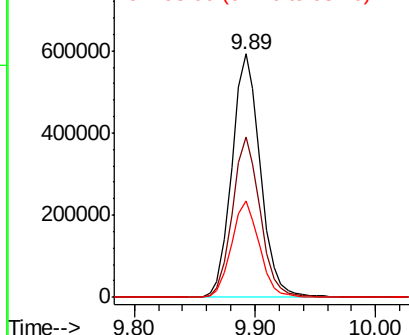


Abundance

Ion 162.00 (161.70 to 162.70): E

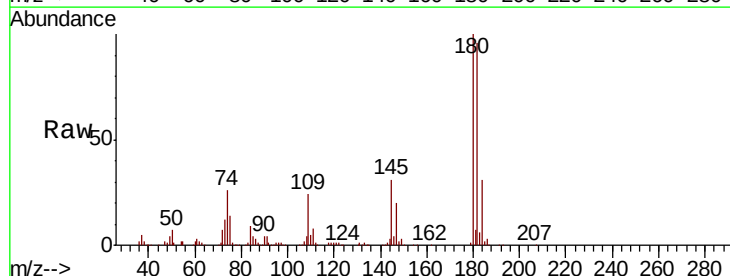
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 37.794 ng
RT: 10.10 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1092676		
182	95.9	75.5	113.3	
145	30.6	24.4	36.6	

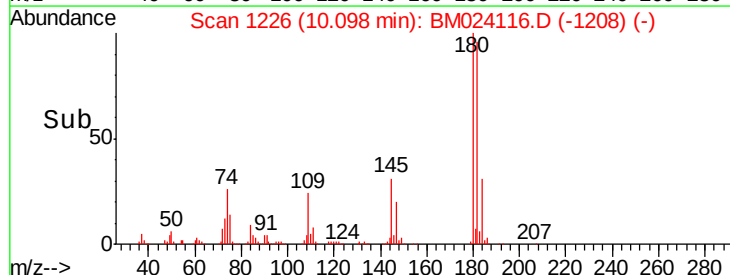
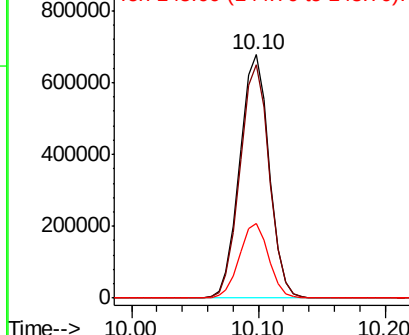


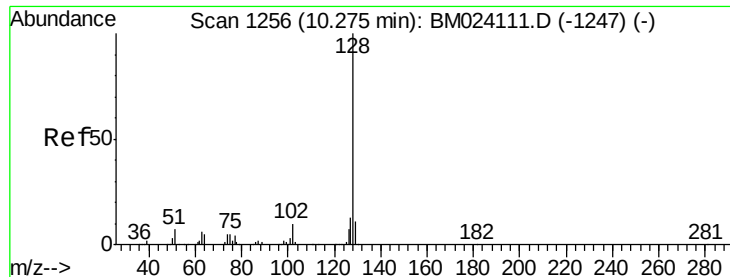
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





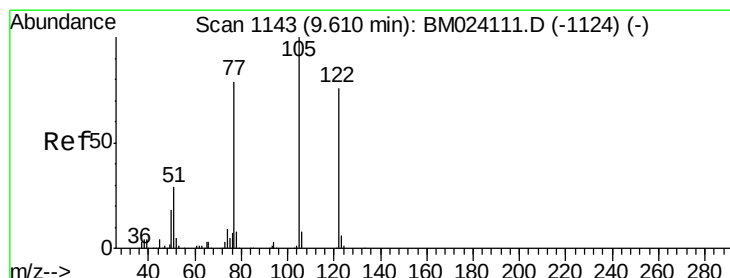
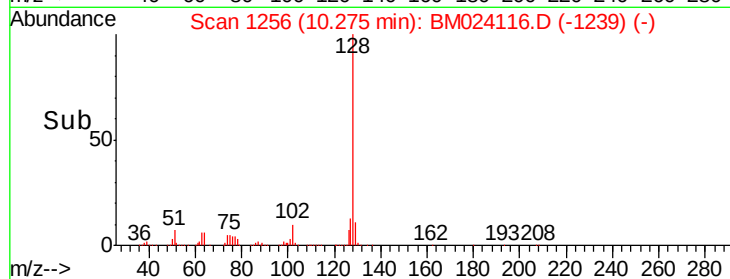
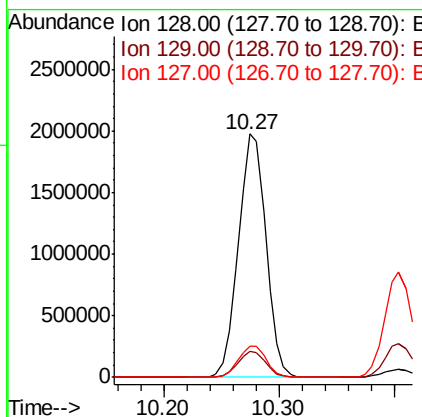
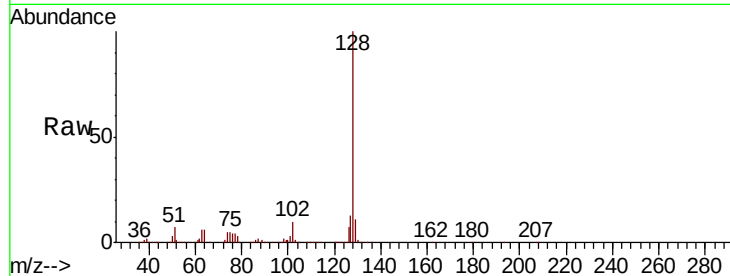
#31
Naphthalene
Concen: 37.976 ng
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.5	12.7
127	12.9	10.5	15.7

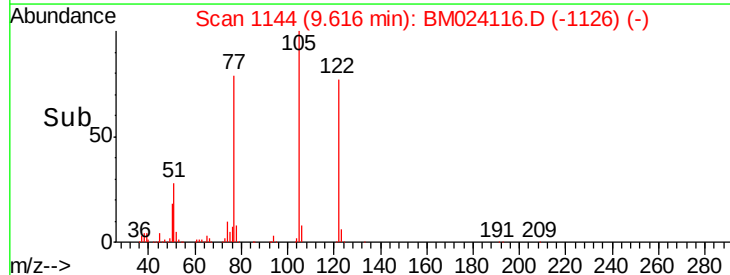
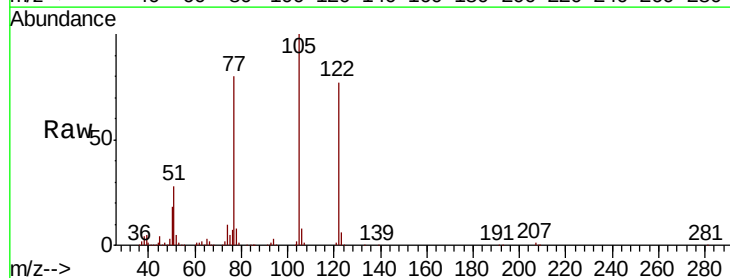
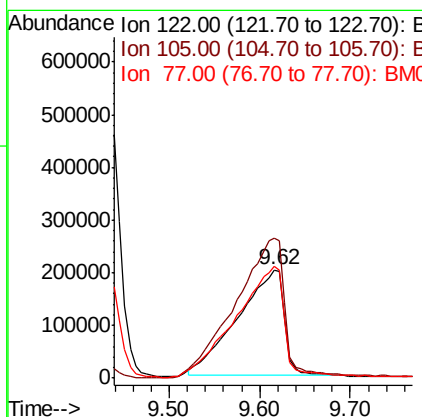
Manual Integrations
APPROVED

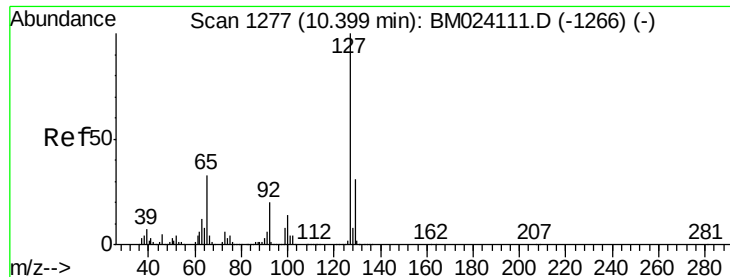
mohammad
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#32
Benzoic acid
Concen: 36.883 ng
RT: 9.62 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	110.4	150.4
77	103.7	83.0	123.0





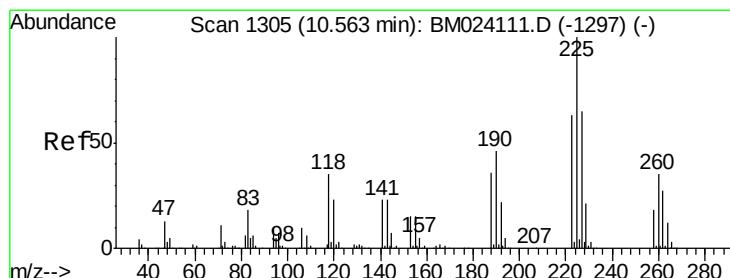
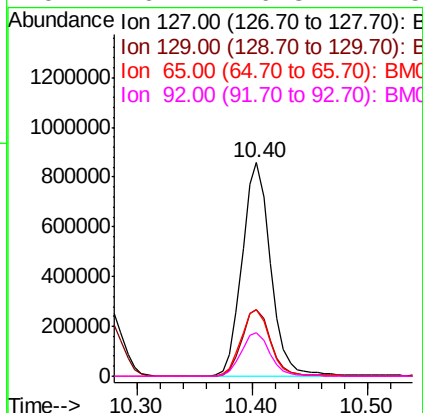
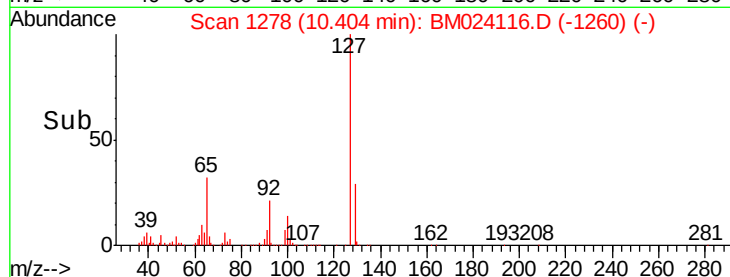
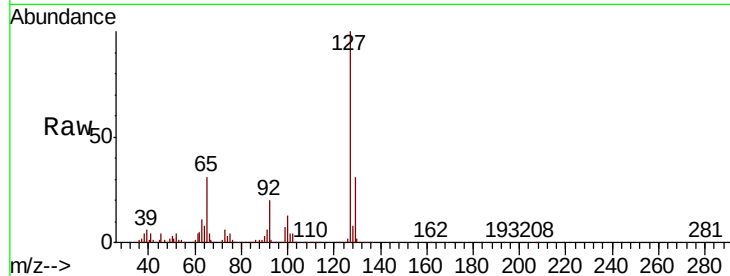
#33
4-Chloroaniline
Concen: 38.460 ng
RT: 10.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1471552		
129	31.3	24.9	37.3		
65	31.1	26.2	39.4		
92	20.4	16.3	24.5		

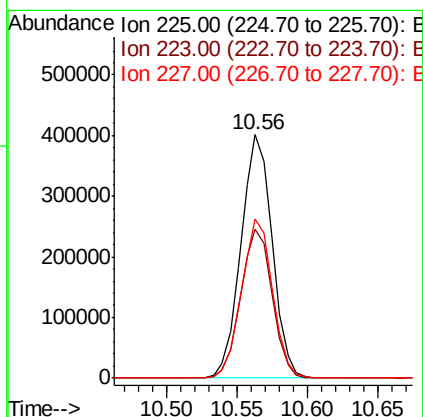
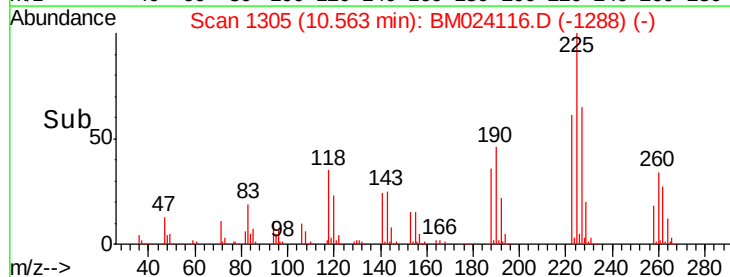
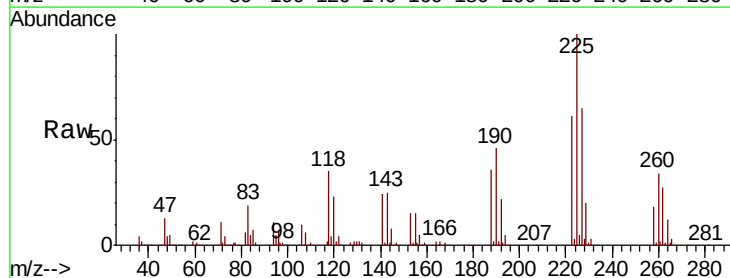
Manual Integrations
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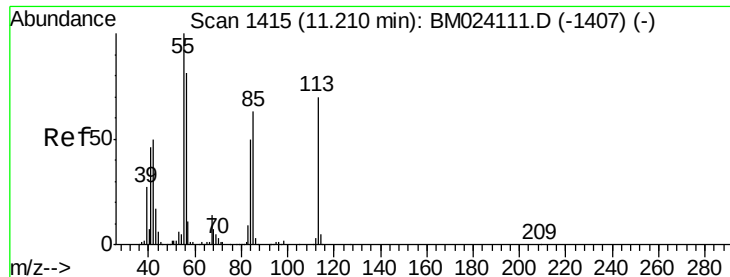
mohammad
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#34
Hexachlorobutadiene
Concen: 37.268 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		621289		
223	61.0	50.6	75.8		
227	65.4	52.2	78.4		





#35

Caprolactam

Concen: 38.854 ng/ml

RT: 11.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

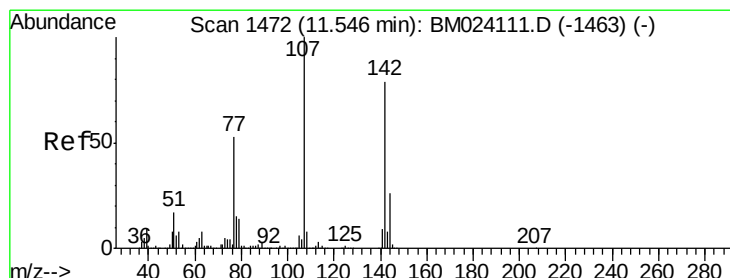
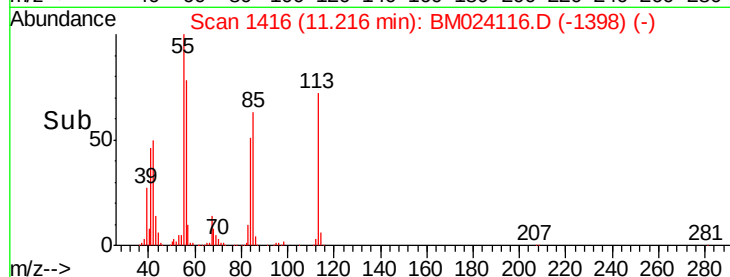
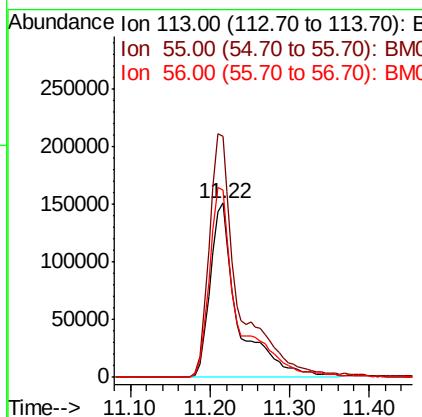
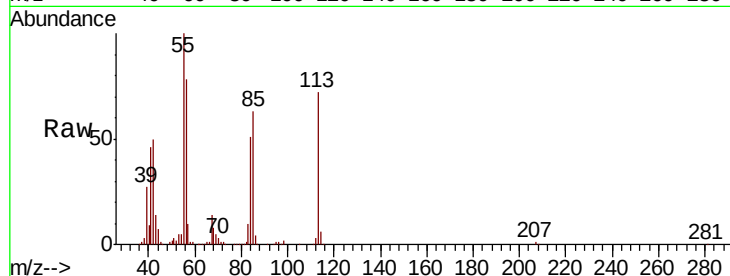
ClientSampleId :

ICVBM121619

Tot Ion:	113	Resp:	372215
Ion Ratio	Lower	Upper	
113	100		
55	138.3	122.4	162.4
56	107.3	95.5	135.5

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 38.315 ng/ml

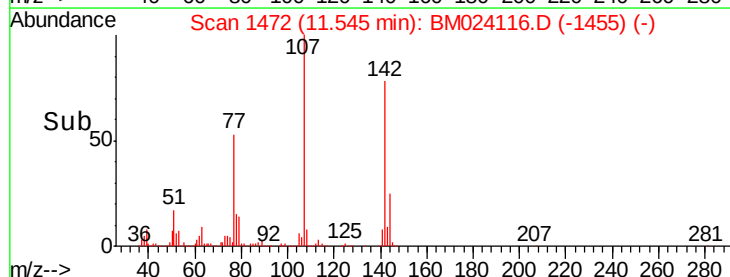
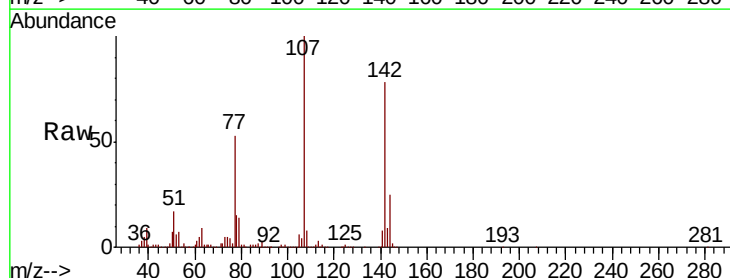
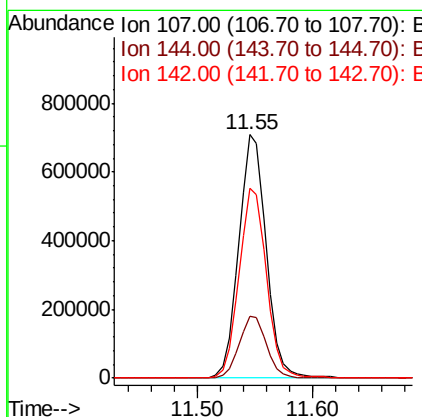
RT: 11.55 min Scan# 1472

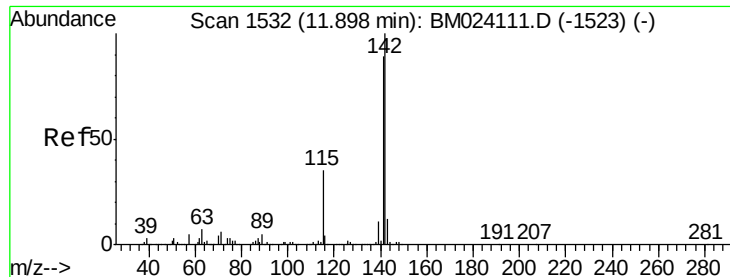
Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Tgt Ion:	107	Resp:	1164834
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.5	30.7
142	78.1	63.6	95.4





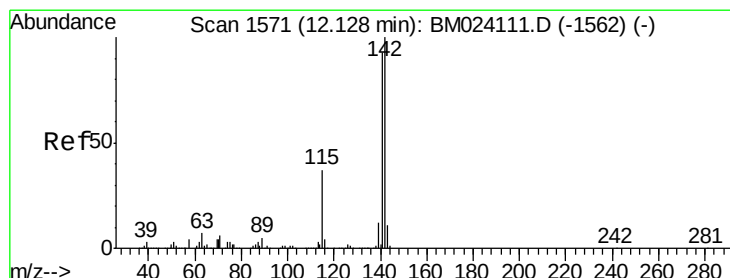
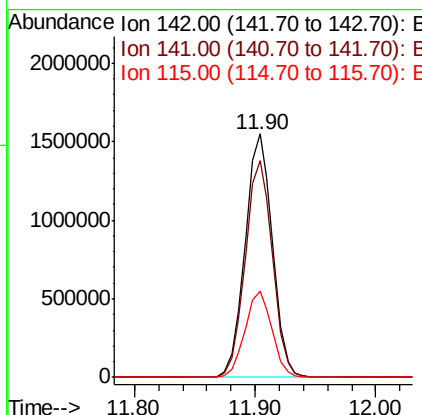
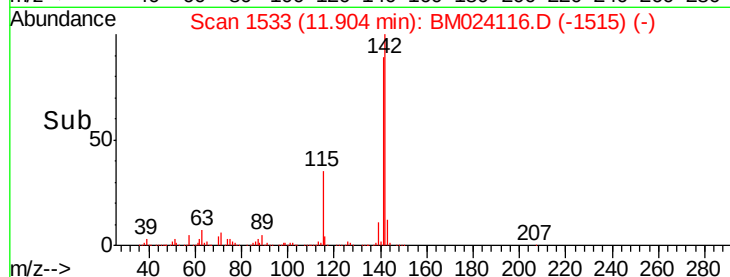
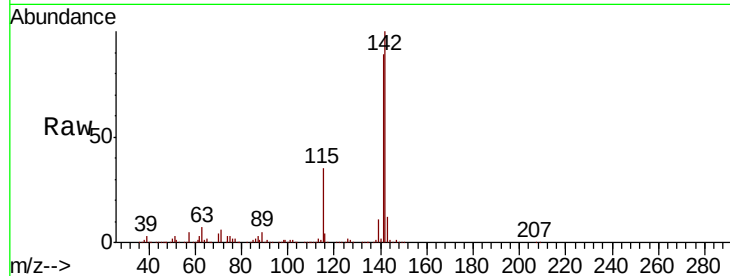
#37
2-Methylnaphthalene
Concen: 38.014 ng
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	35.2	28.4	42.6

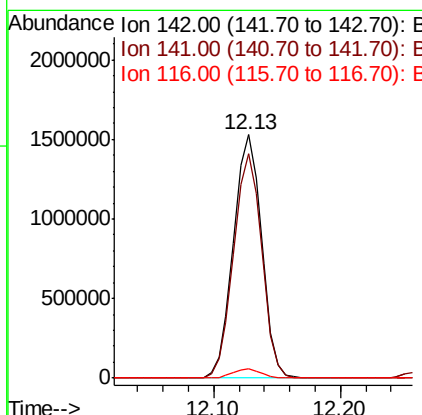
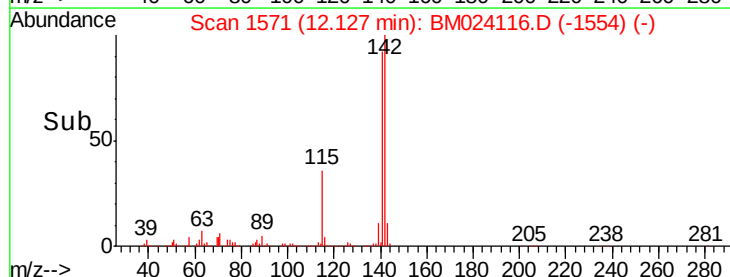
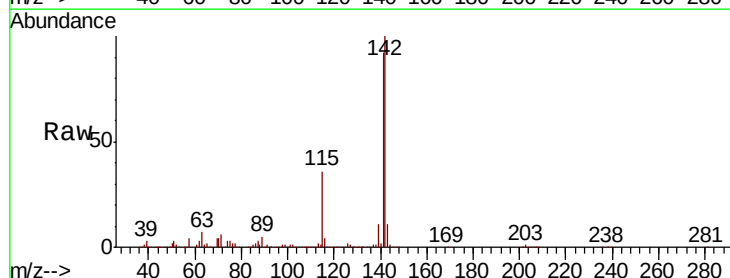
Manual Integrations
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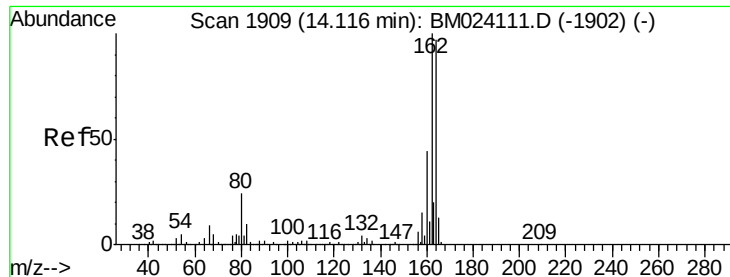
mohammad
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#38
1-Methylnaphthalene
Concen: 38.187 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.5	111.7
116	3.7	3.1	4.7





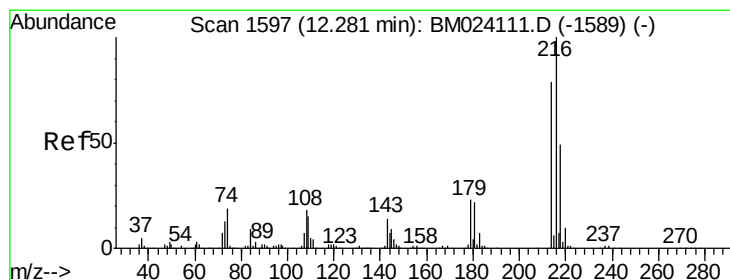
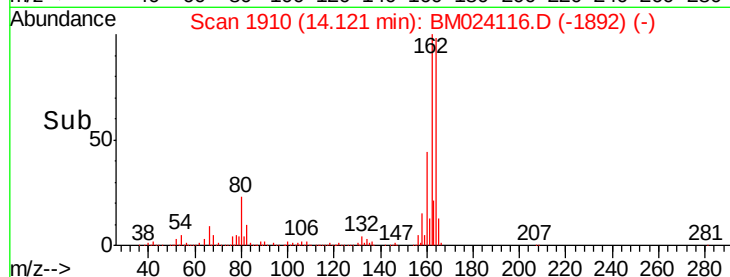
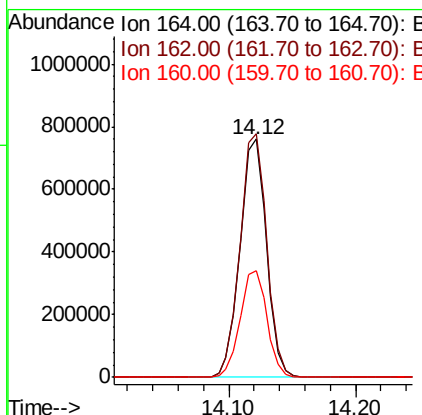
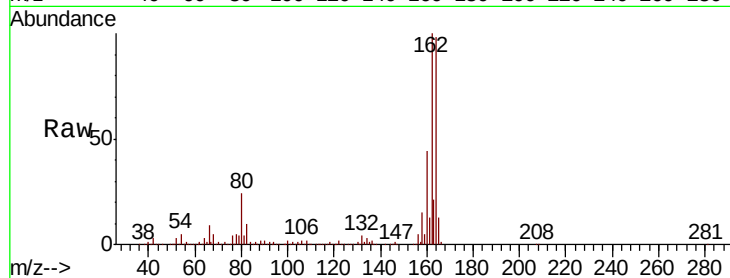
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.12 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.4
160	44.8	35.9	53.9

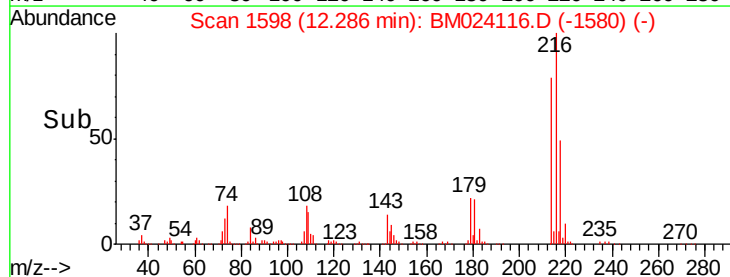
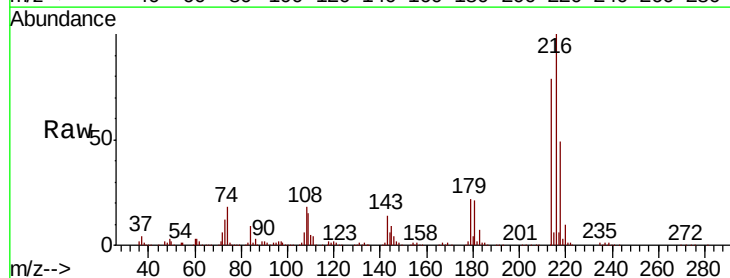
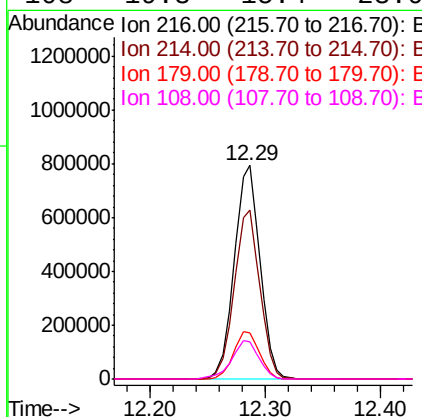
Manual Integrations
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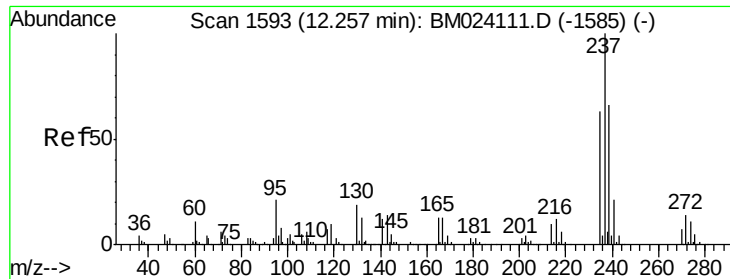
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.102 ng
RT: 12.29 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.4	18.0	27.0
108	19.3	15.4	23.0





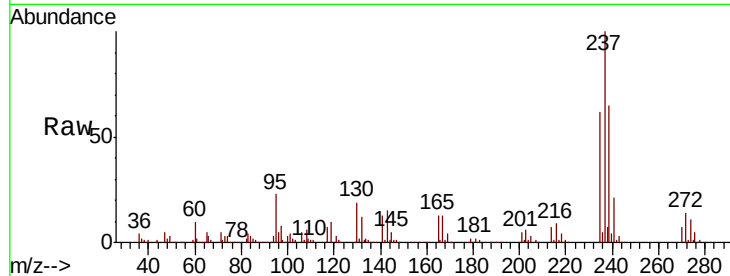
#41
Hexachlorocyclopentadiene
Concen: 35.870 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.2	43.0	83.0
272	14.4	0.0	33.8

Manual Integrations
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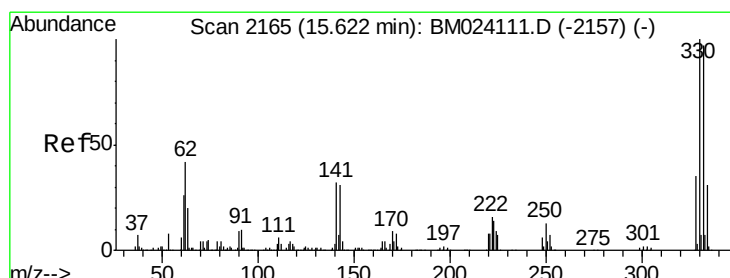
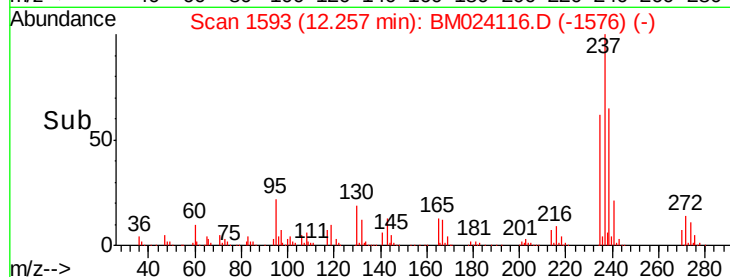
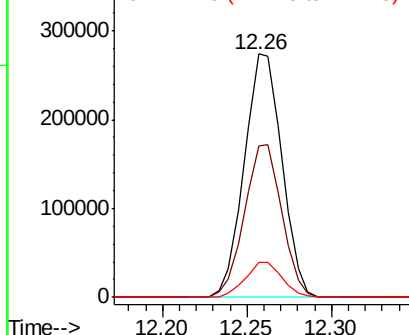


Abundance

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: 75.594 ng
RT: 15.62 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

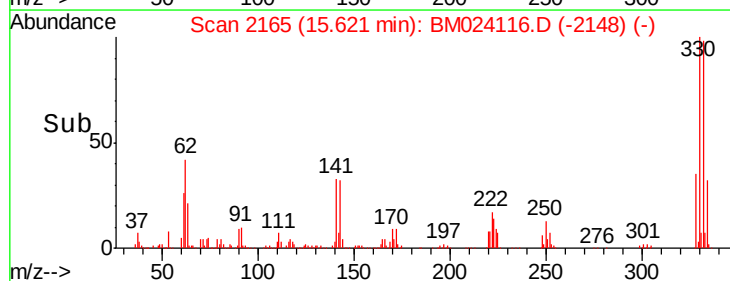
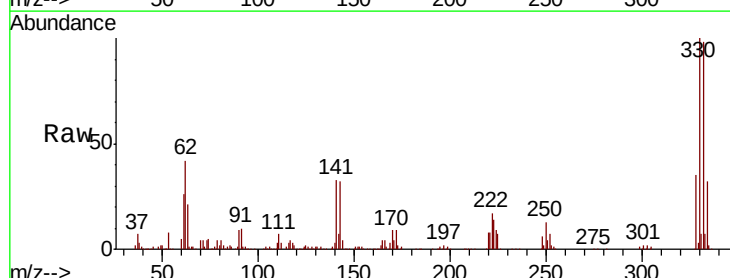
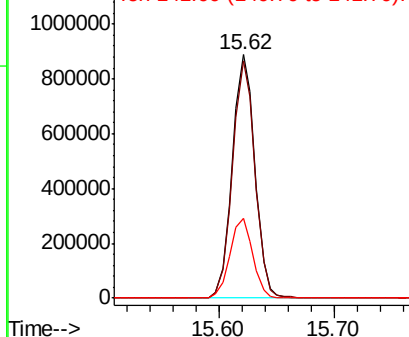
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.1	27.0	40.6

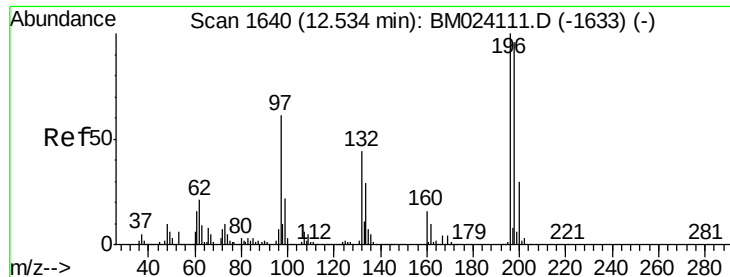
Abundance

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





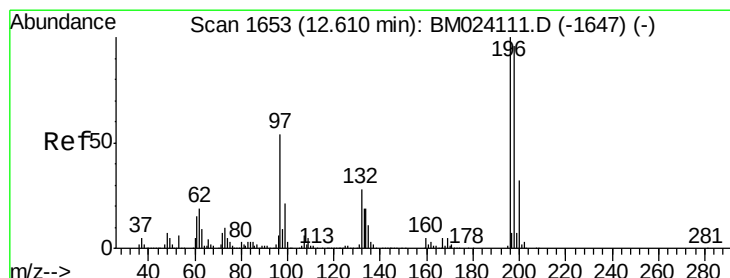
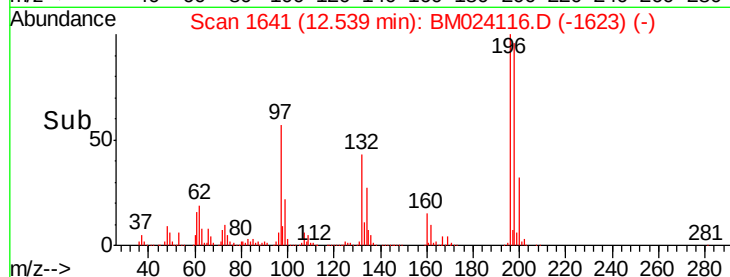
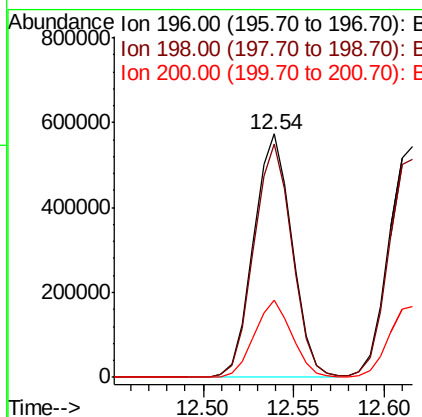
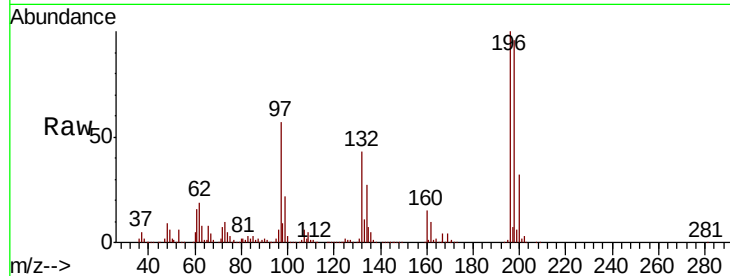
#43
 2,4,6-Trichlorophenol
 Concen: 37.863 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM121619

Tot Ion	Ratio	Resp	Lower	Upper
196	100	843554		
198	95.8	77.1	115.7	
200	31.7	24.1	36.1	

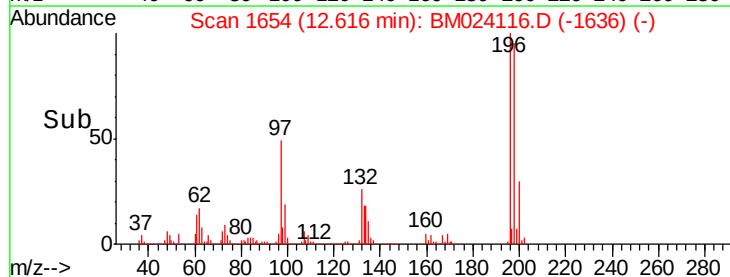
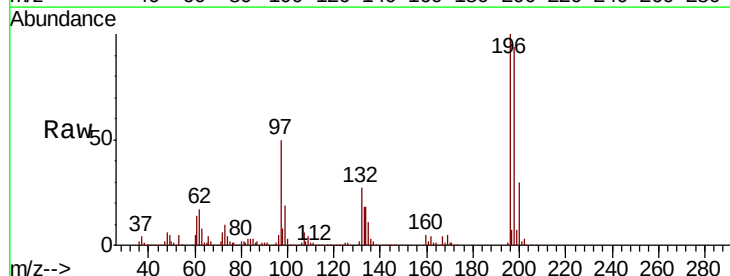
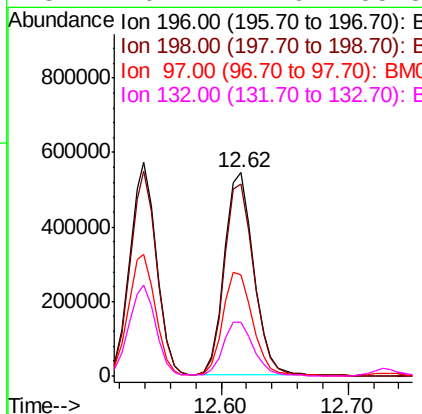
Manual Integrations
 APPROVED

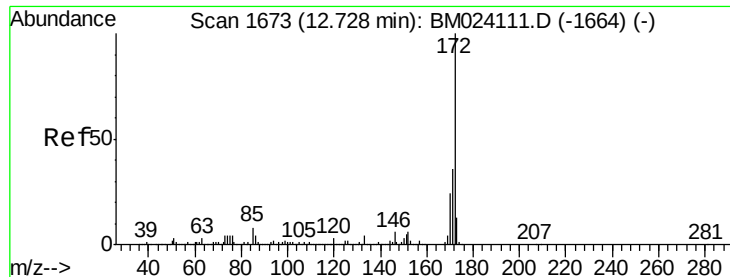
mohammad
 12/17/2019 3:20:28 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.396 ng
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	873096		
198	94.5	76.6	114.8	
97	49.8	42.9	64.3	
132	26.7	22.6	33.8	





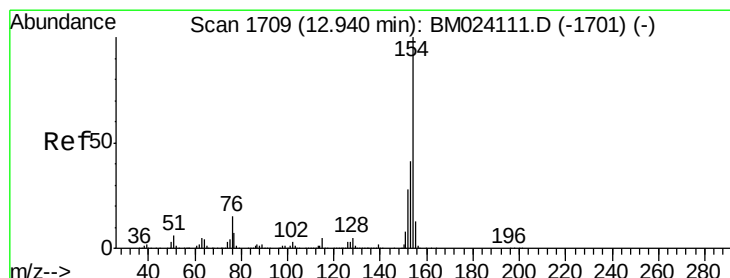
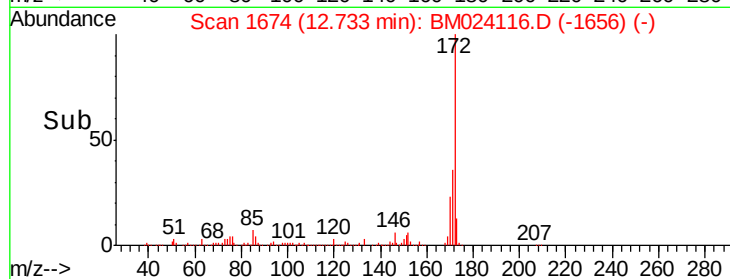
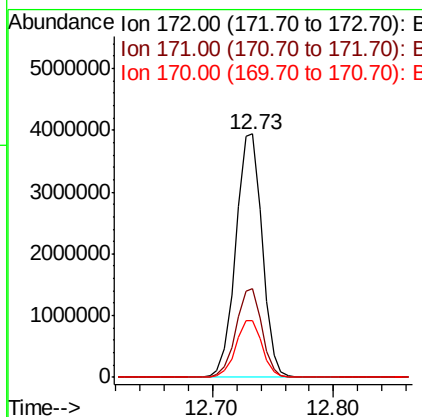
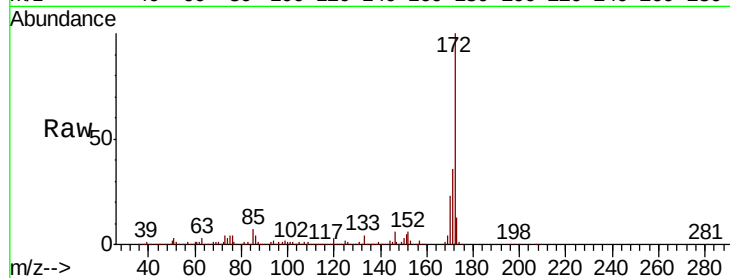
#45
2-Fluorobiphenyl
Concen: 75.782 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	23.3	18.9	28.3

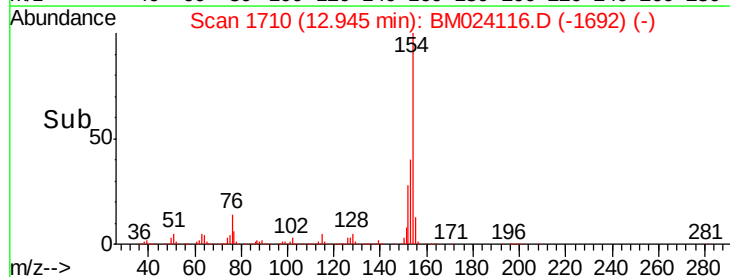
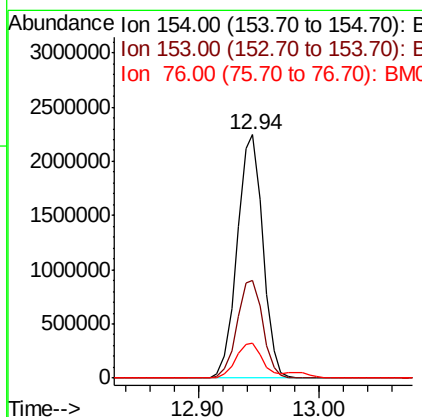
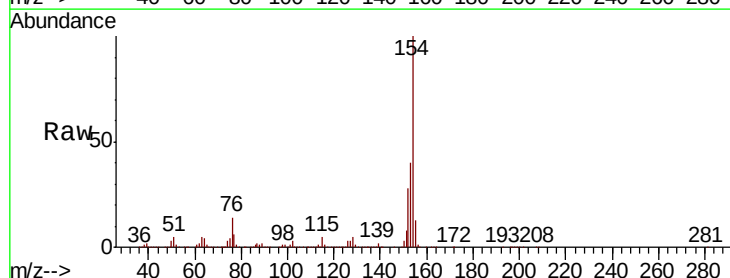
Manual Integrations
APPROVED

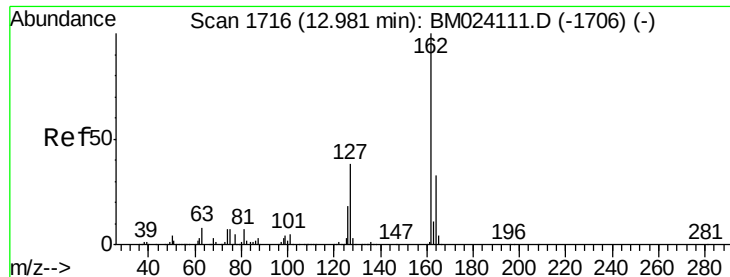
mohammad
12/17/2019 3:20:28 PM



#46
1,1'-Biphenyl
Concen: 37.729 ng
RT: 12.94 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.1	61.1
76	14.1	0.0	35.1





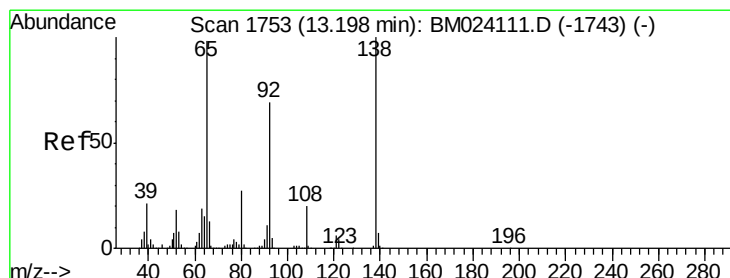
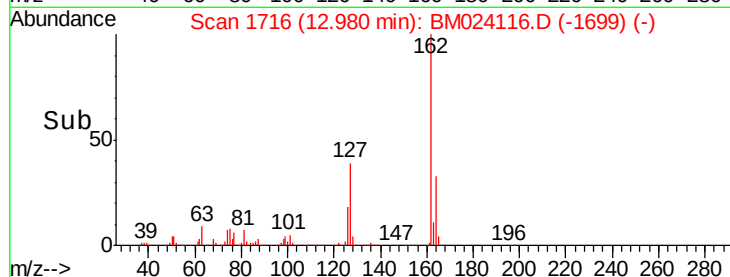
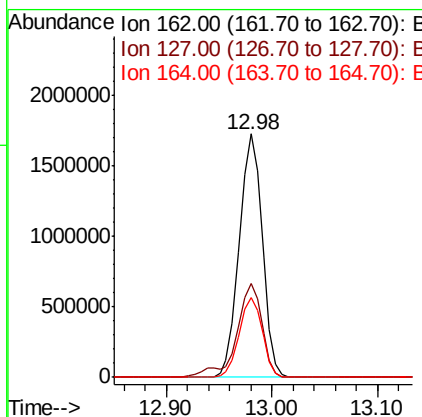
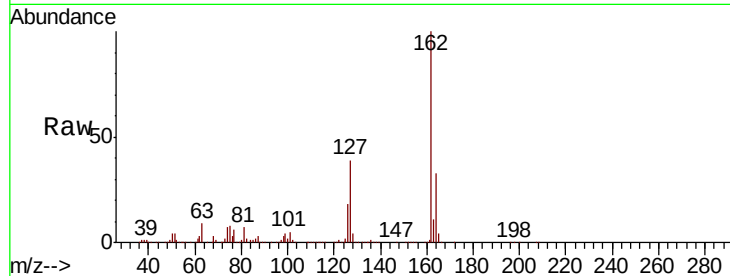
#47
2-Chloronaphthalene
Concen: 37.514 ng
RT: 12.98 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.0	46.4
164	32.9	26.2	39.2

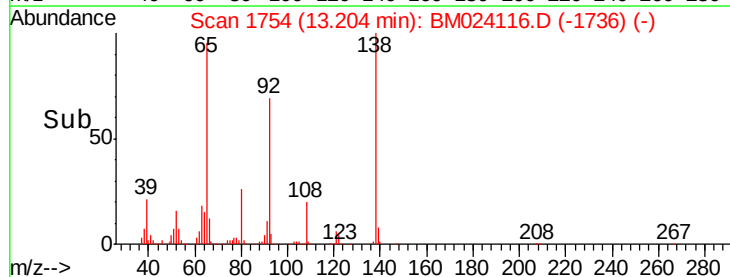
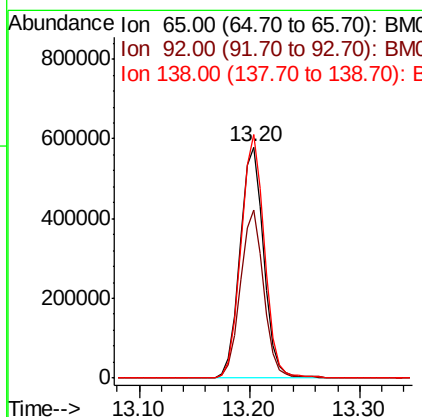
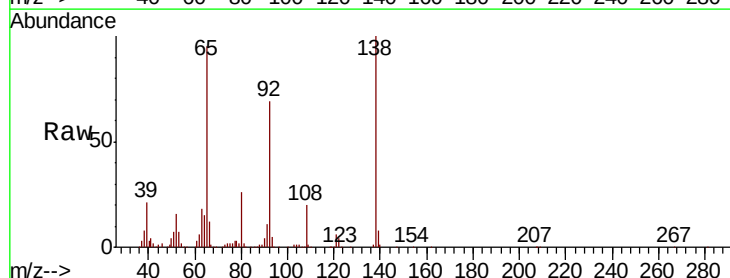
Manual Integrations
APPROVED

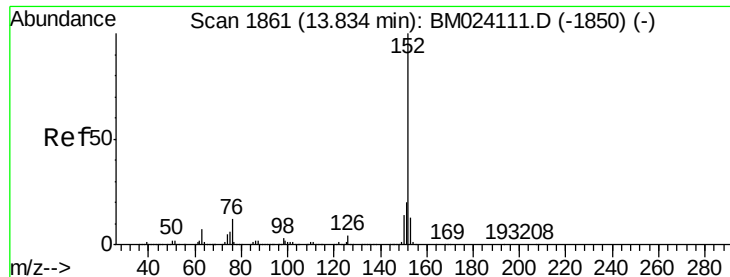
mohammad
12/17/2019 3:20:28 PM



#48
2-Nitroaniline
Concen: 37.907 ng
RT: 13.20 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	56.4	84.6
138	105.4	81.9	122.9





#49

Acenaphthylene

Concen: 37.846 ng

RT: 13.84 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

ClientSampleId :

ICVBM121619

Tot Ion:152 Resp: 4081388

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

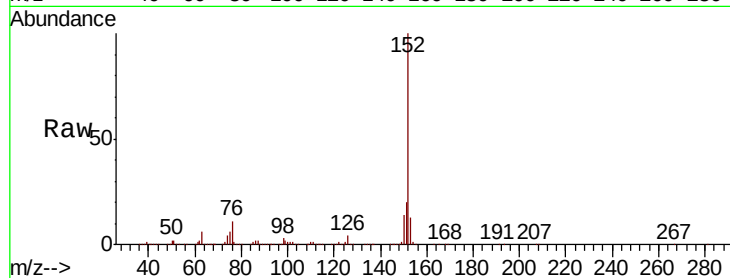
153 12.8 10.6 15.8

Manual Integrations

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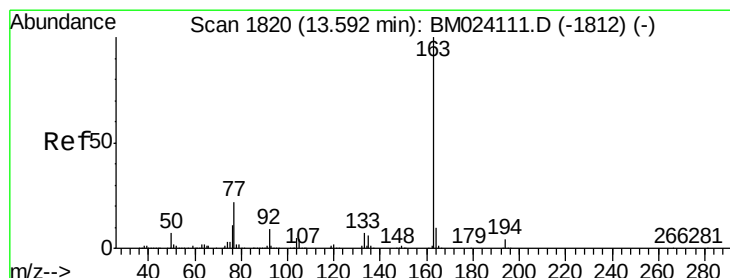
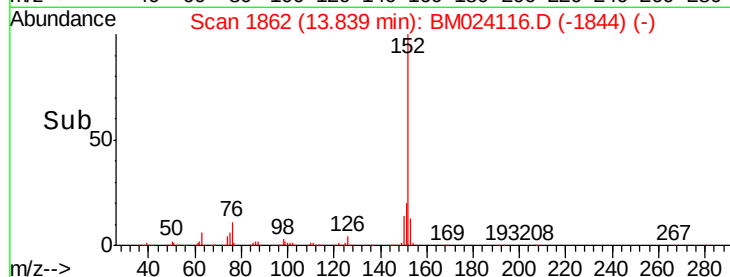
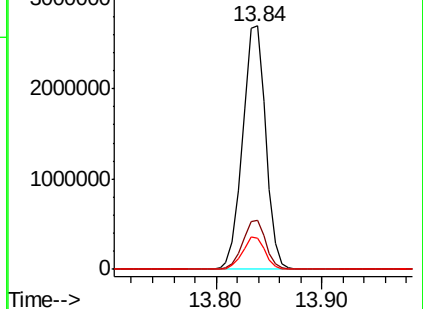
12/17/2019 3:20:28 PM



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: 37.648 ng

RT: 13.60 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

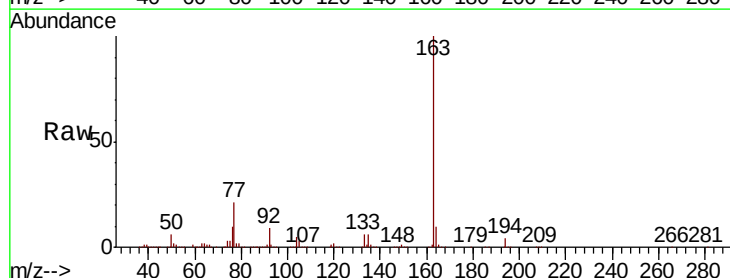
Tgt Ion:163 Resp: 3377462

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

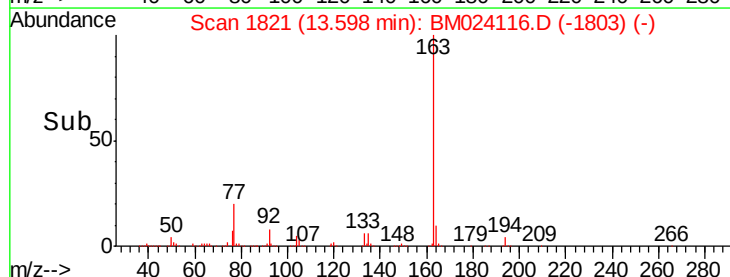
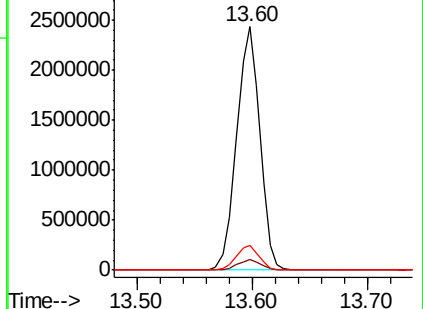
164 10.0 8.1 12.1

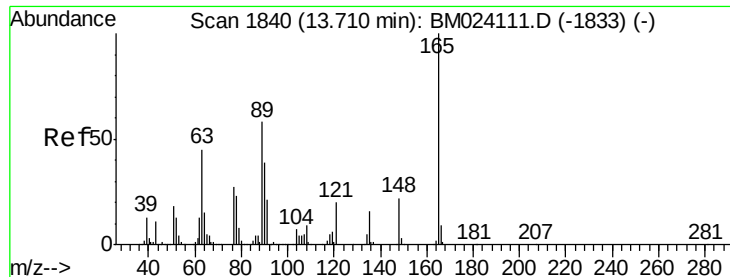


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





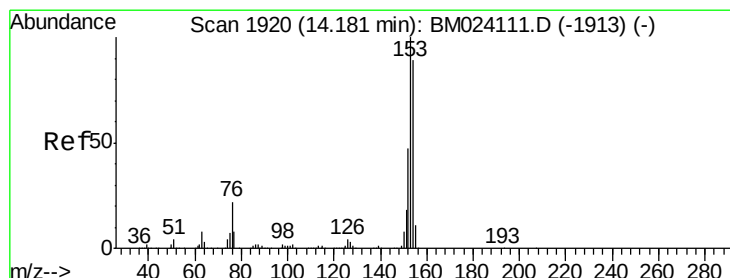
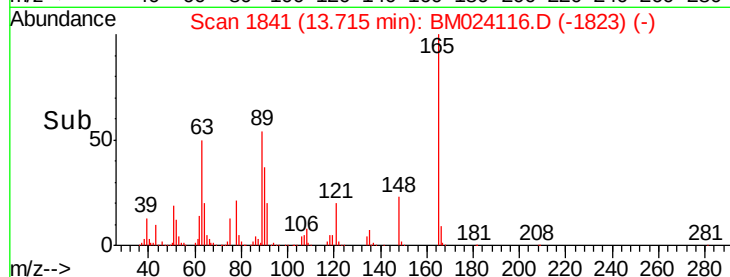
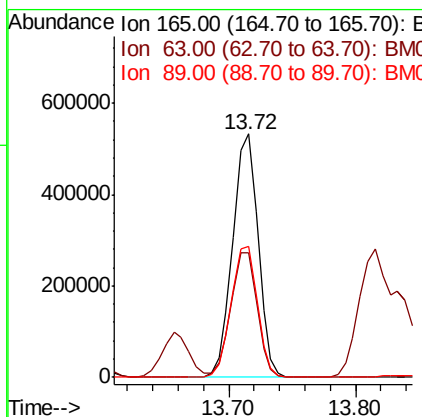
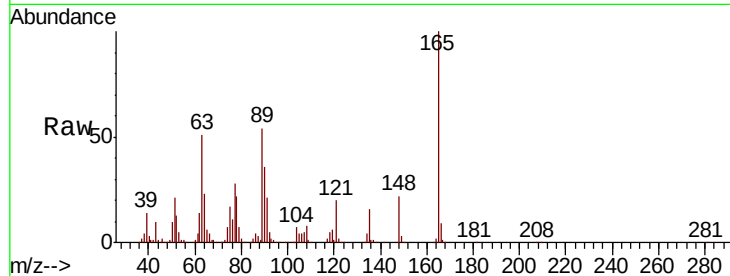
#51
2,6-Dinitrotoluene
Concen: 37.866 ng
RT: 13.72 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Resp	Lower	Upper
165	100	737711		
63	51.1	43.0	64.6	
89	53.8	46.4	69.6	

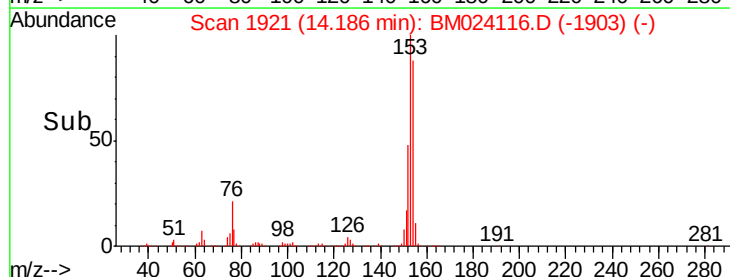
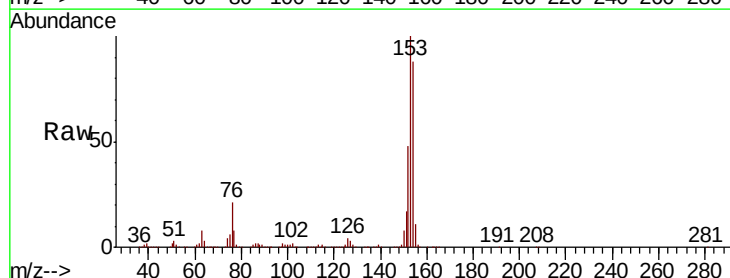
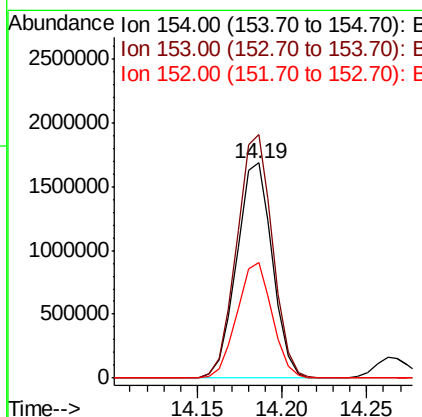
Manual Integrations
APPROVED

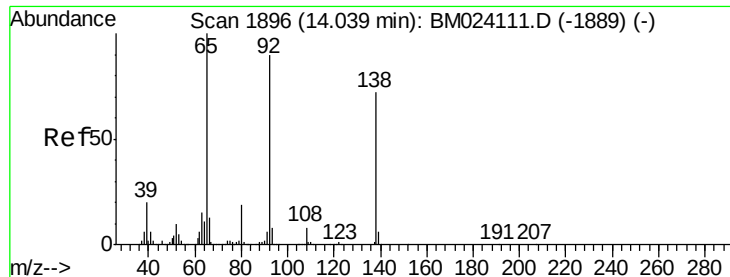
mohammad
12/17/2019 3:20:28 PM



#52
Acenaphthene
Concen: 37.511 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2477927		
153	113.1	90.4	135.6	
152	54.0	42.3	63.5	





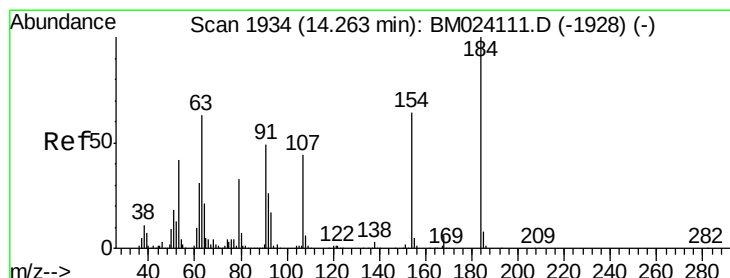
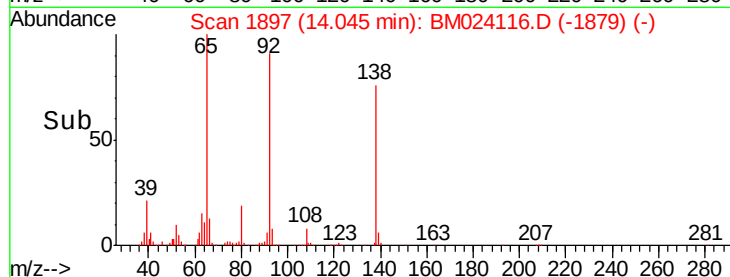
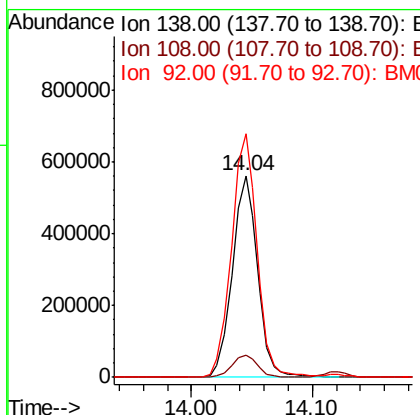
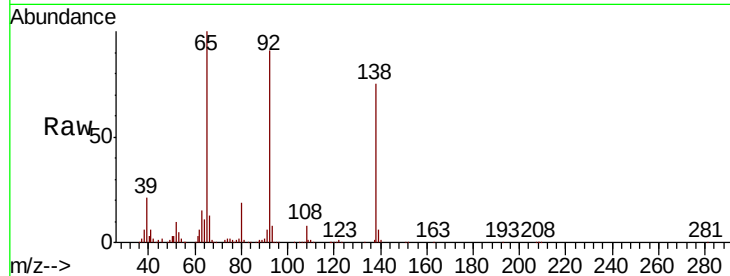
#53
3-Nitroaniline
Concen: 38.029 ng
RT: 14.04 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.8	13.2
92	120.8	100.6	150.8

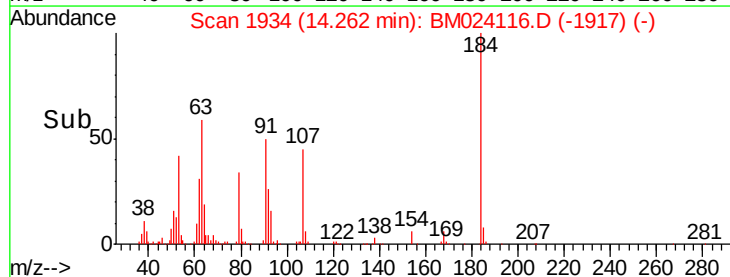
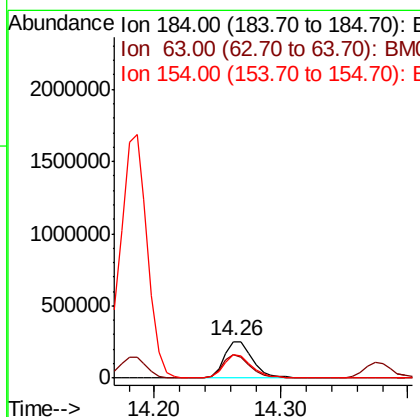
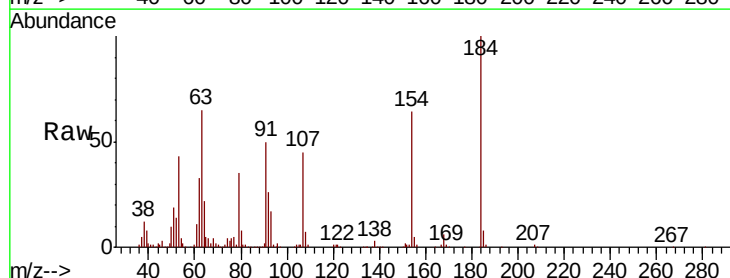
Manual Integrations
APPROVED

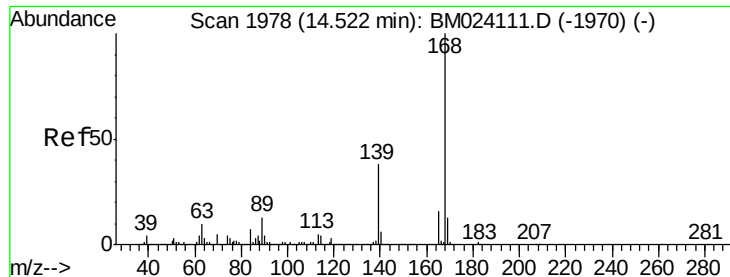
mohammad
12/17/2019 3:20:28 PM



#54
2,4-Dinitrophenol
Concen: 36.833 ng
RT: 14.26 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	50.2	75.4
154	64.1	51.8	77.8





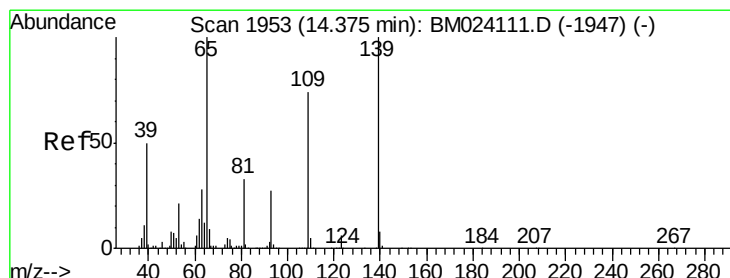
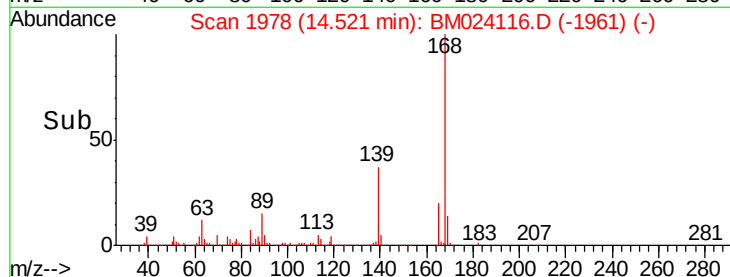
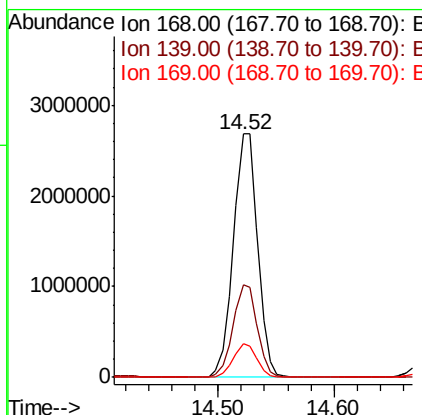
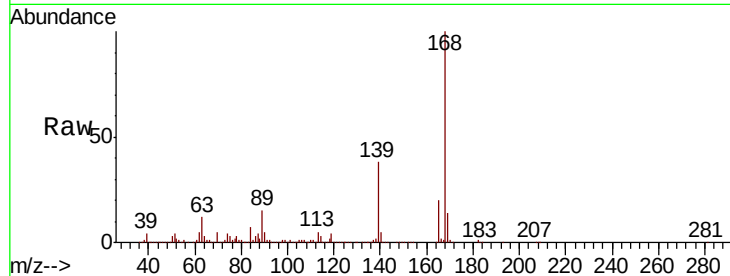
#55
Dibenzofuran
Concen: 37.523 ng
RT: 14.52 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.4	45.6
169	13.7	10.6	16.0

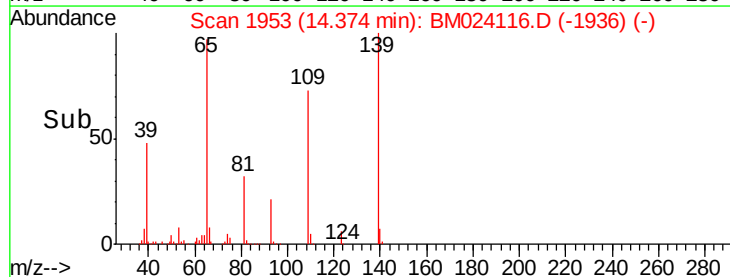
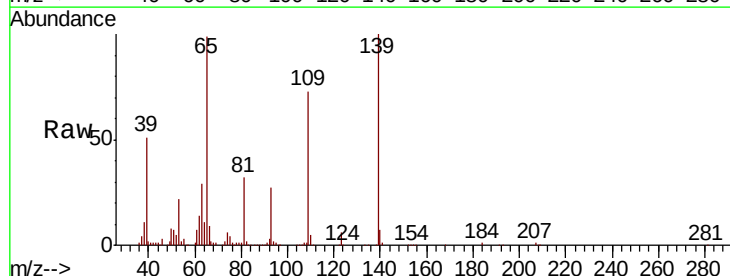
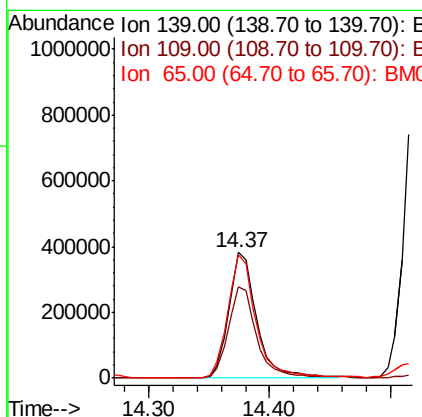
Manual Integrations
APPROVED

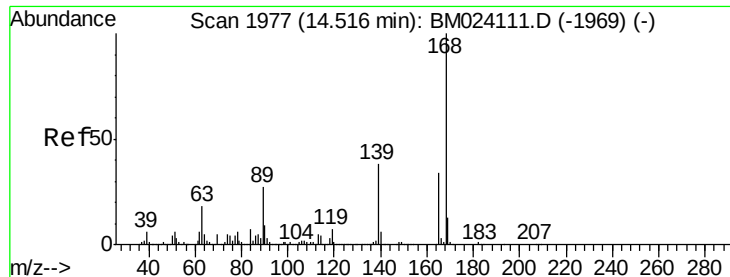
mohammad
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#56
4-Nitrophenol
Concen: 38.988 ng
RT: 14.37 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	54.2	94.2
65	98.5	80.5	120.5





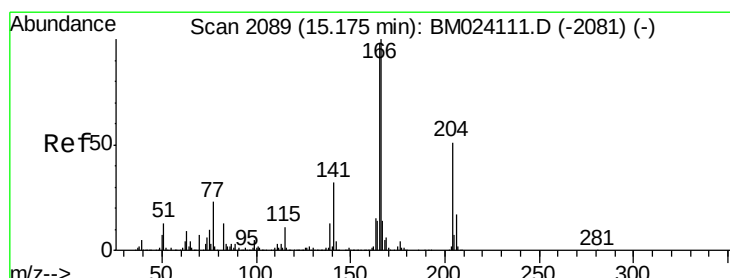
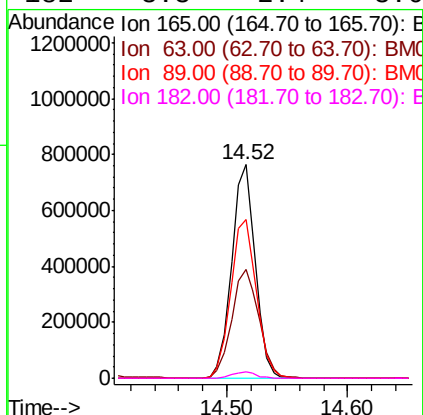
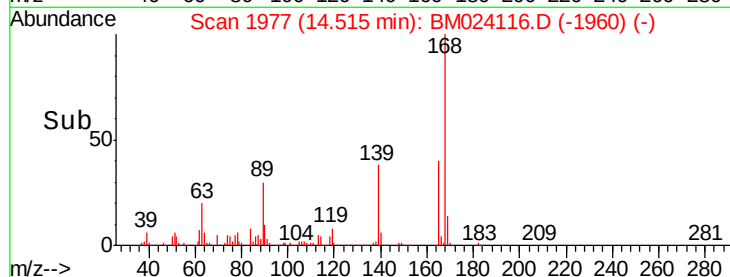
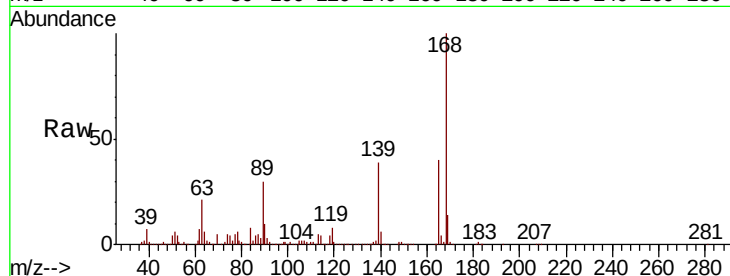
#57
2,4-Dinitrotoluene
Concen: 37.799 ng
RT: 14.52 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	42.6	64.0
89	74.1	61.6	92.4
182	3.3	2.4	3.6

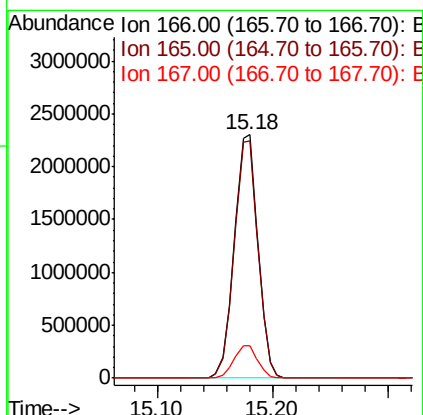
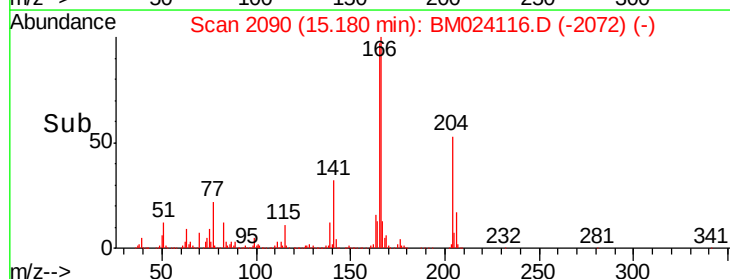
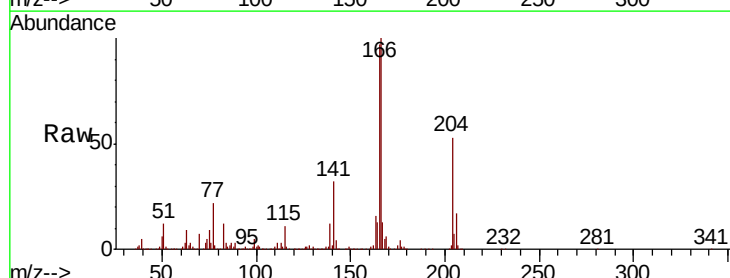
Manual Integrations
APPROVED

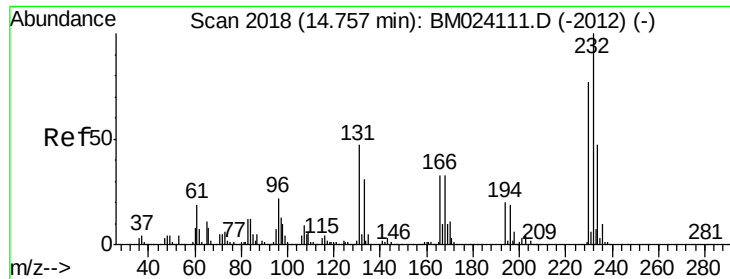
mohammad
12/17/2019 3:20:28 PM



#58
Fluorene
Concen: 37.635 ng
RT: 15.18 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.0	117.0
167	13.3	10.9	16.3





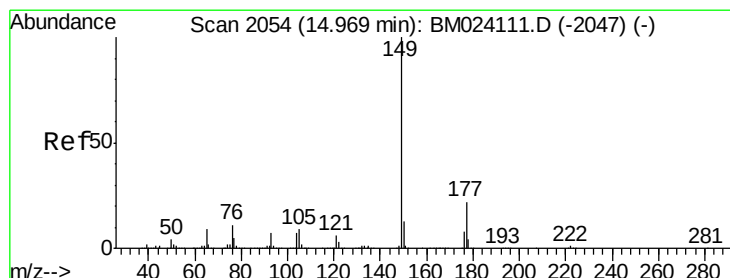
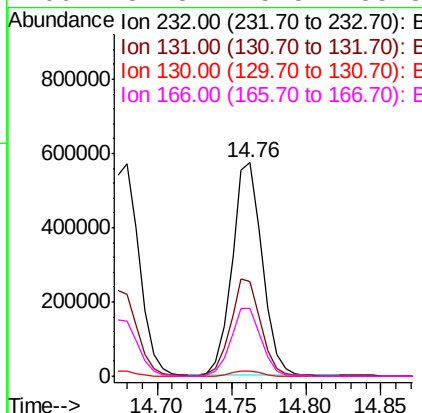
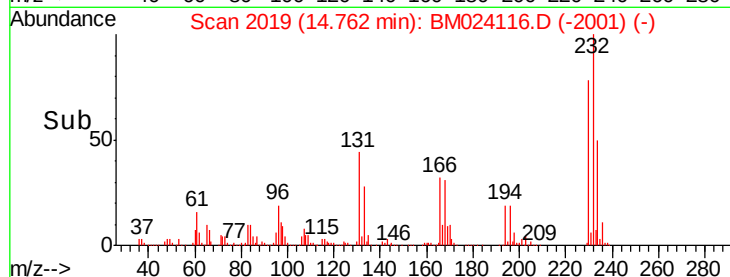
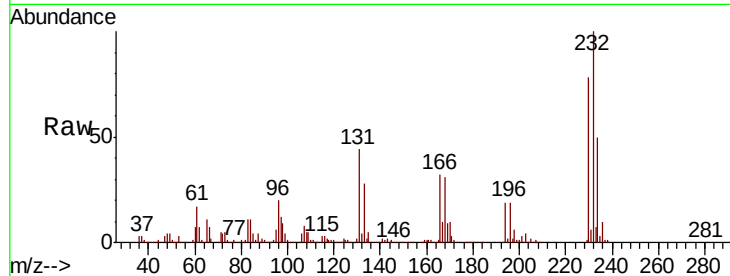
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.361 ng
 RT: 14.76 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM121619

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	36.1	54.1
130	2.4	1.9	2.9
166	32.3	25.5	38.3

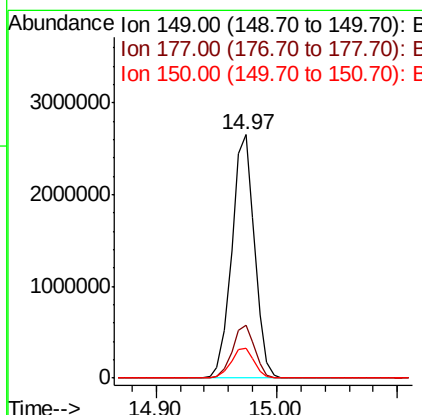
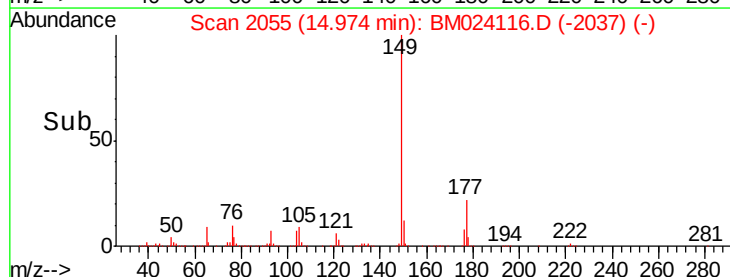
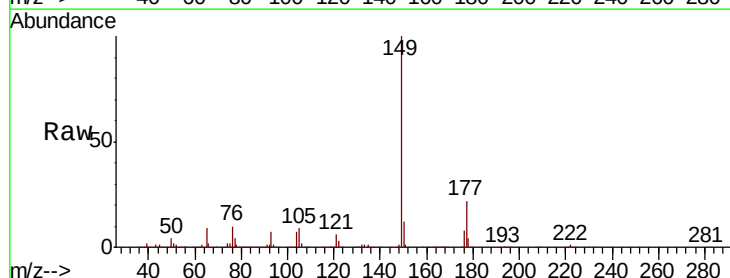
Manual Integrations
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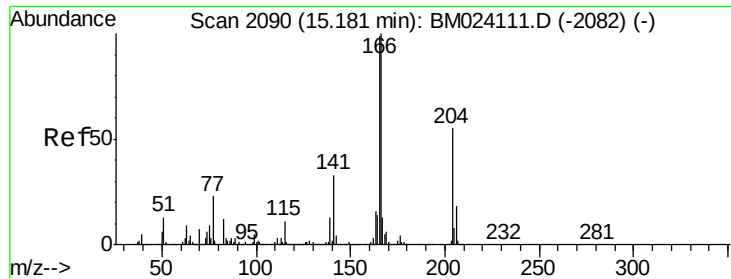
mohammad
 12/17/2019 3:20:28 PM



#60
 Diethylphthalate
 Concen: 37.984 ng
 RT: 14.97 min Scan# 2055
 Delta R.T. 0.01 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.3	25.9
150	12.4	10.1	15.1





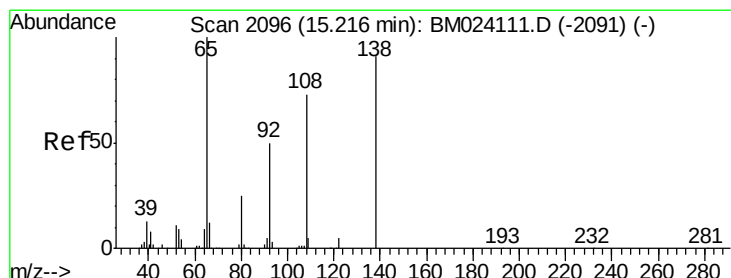
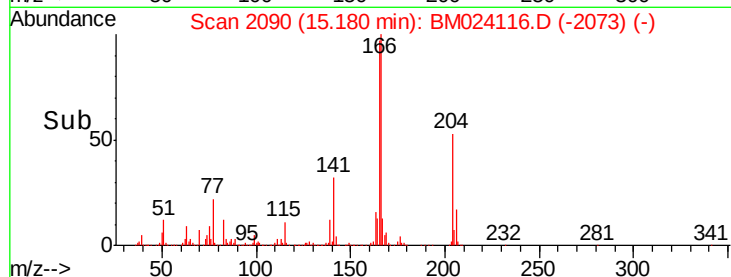
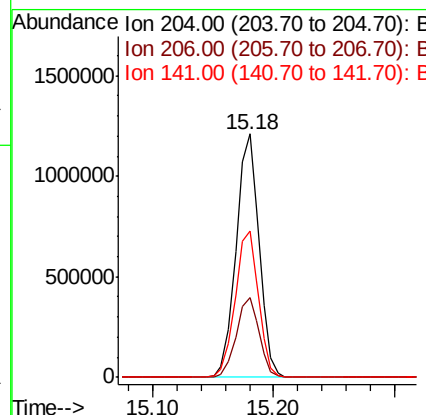
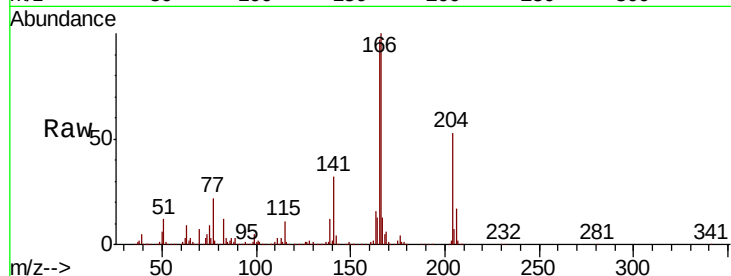
#61
 4-Chlorophenyl-phenylether
 Concen: 37.164 ng
 RT: 15.18 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM121619

Tot Ion:204 Resp: 1600925
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.8 38.8
 141 60.2 47.0 70.4

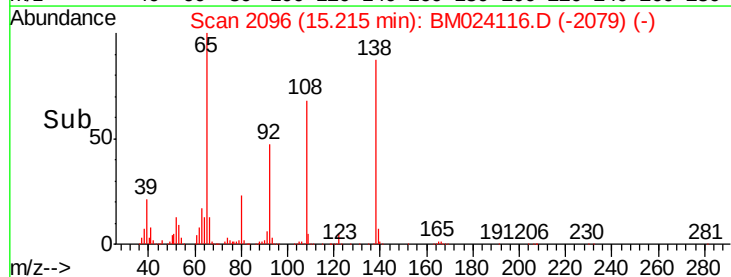
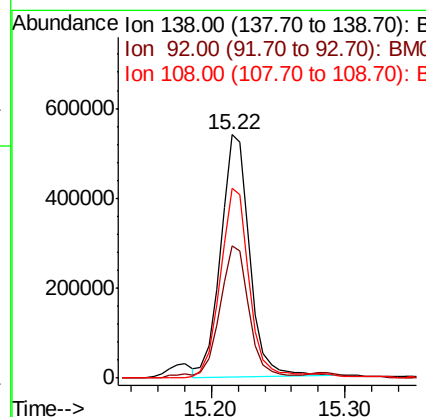
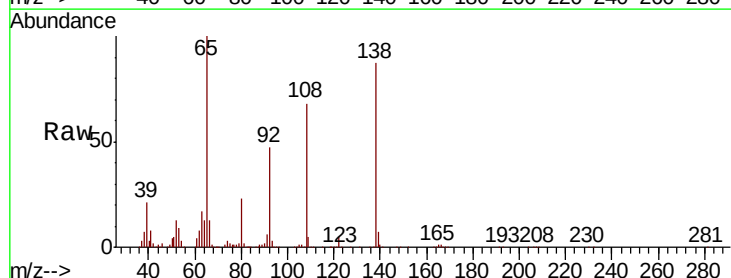
Manual Integrations
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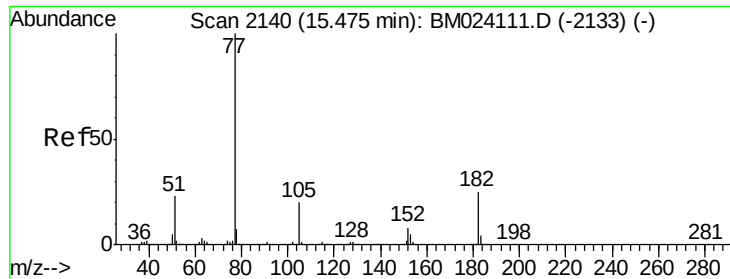
mohammad
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#62
 4-Nitroaniline
 Concen: 37.697 ng
 RT: 15.22 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Tgt Ion:138 Resp: 813286
 Ion Ratio Lower Upper
 138 100
 92 54.4 33.8 73.8
 108 78.0 57.6 97.6





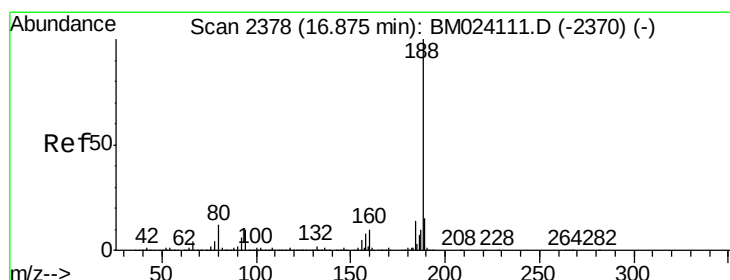
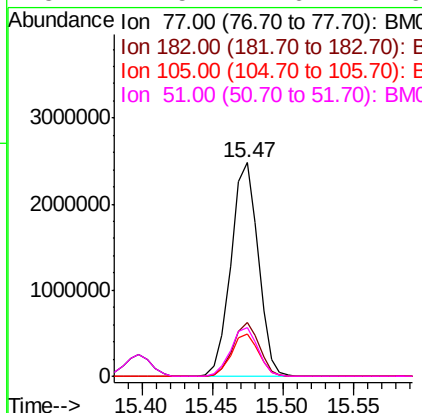
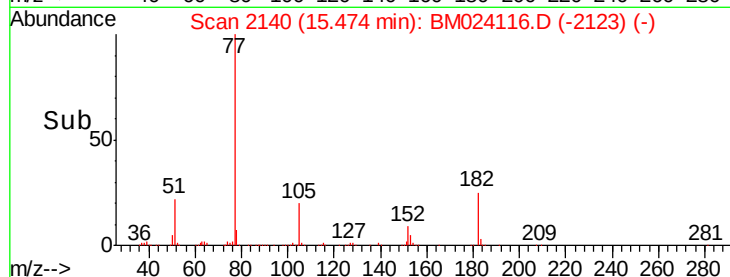
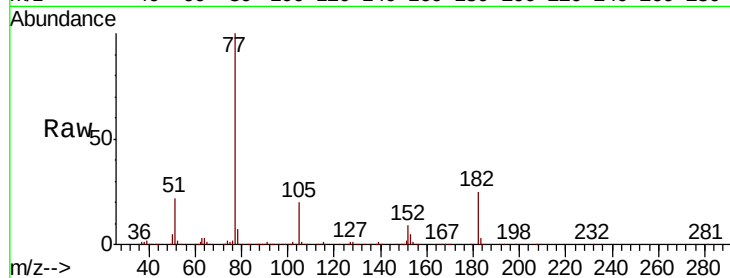
#63
Azobenzene
Concen: 37.548 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.7	44.7
105	20.0	0.0	40.0
51	22.5	2.6	42.6

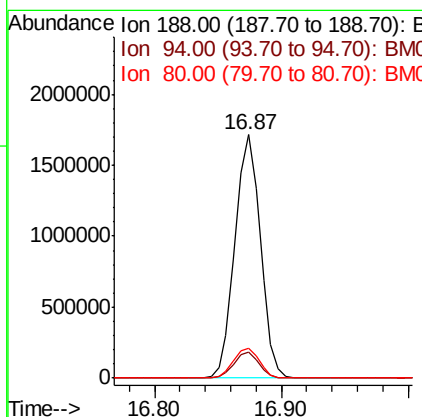
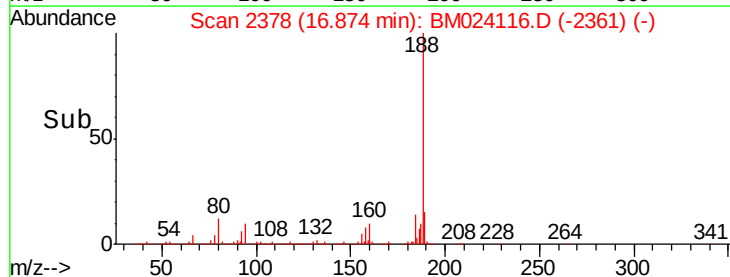
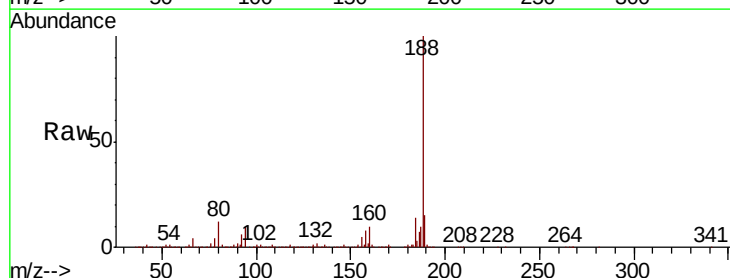
Manual Integrations
APPROVED

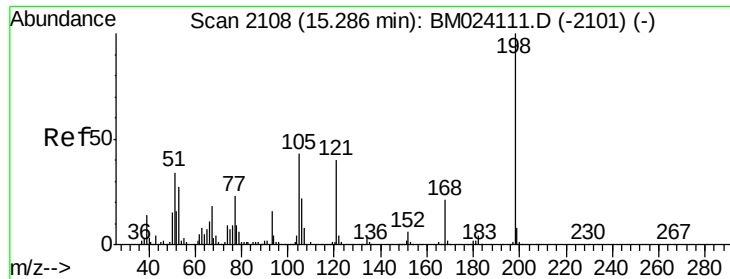
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.4
80	12.0	9.6	14.4





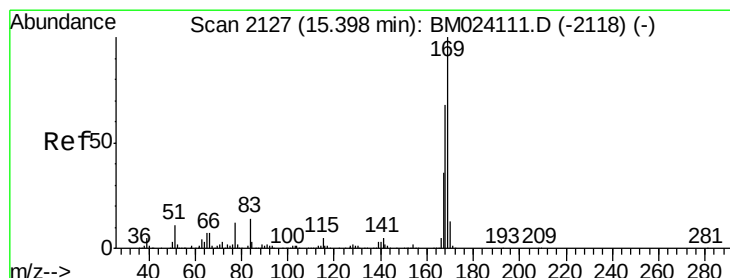
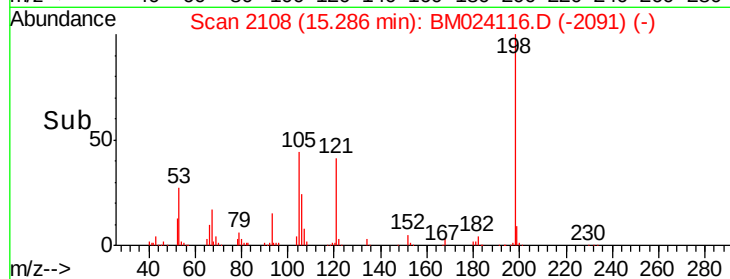
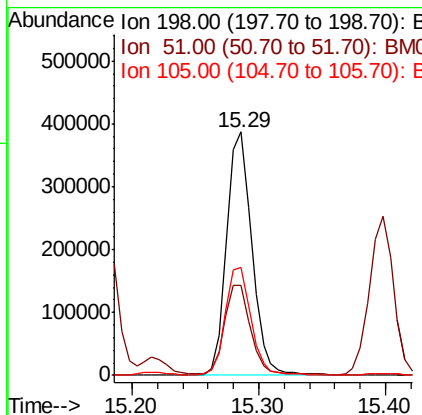
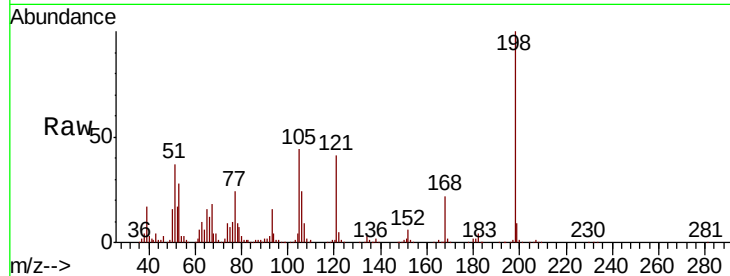
#65
4,6-Dinitro-2-methylphenol
Concen: 37.895 ng
RT: 15.29 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Resp	Lower	Upper
198	100	533429		
51	36.8		15.0	55.0
105	44.4		22.9	62.9

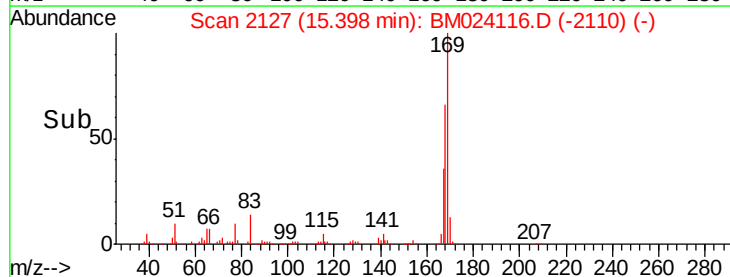
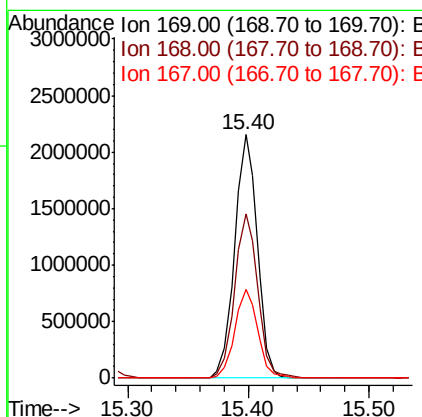
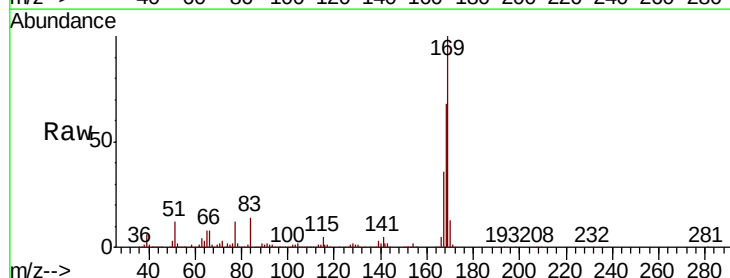
Manual Integrations
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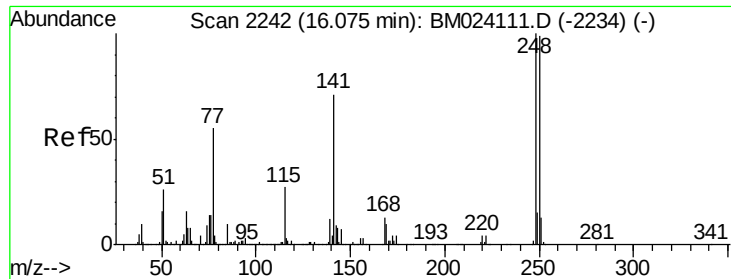
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#66
n-Nitrosodiphenylamine
Concen: 37.766 ng
RT: 15.40 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2823139		
168	67.6		54.0	81.0
167	36.2		28.9	43.3





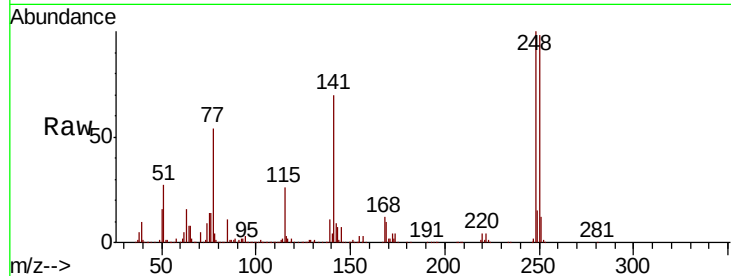
#67
4-Bromophenyl-phenylether
Concen: 37.976 ng
RT: 16.07 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampled :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.1	118.7
141	69.9	56.8	85.2

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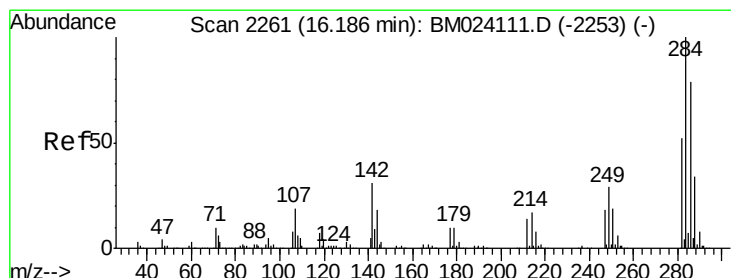
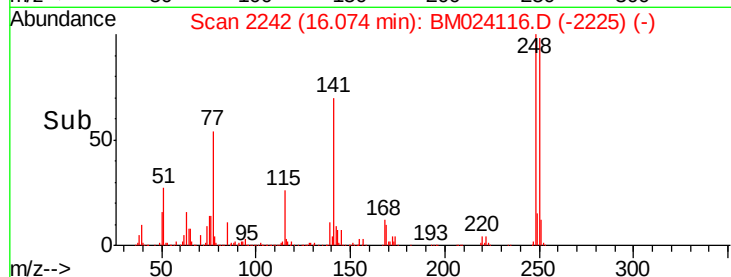
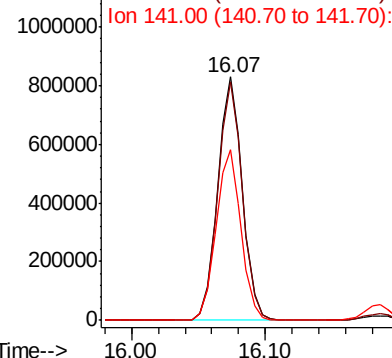


Abundance

Ion 248.00 (247.70 to 248.70): E

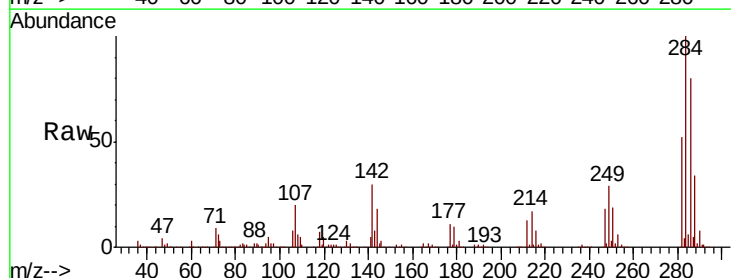
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.551 ng
RT: 16.19 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	24.6	37.0
249	28.7	23.5	35.3

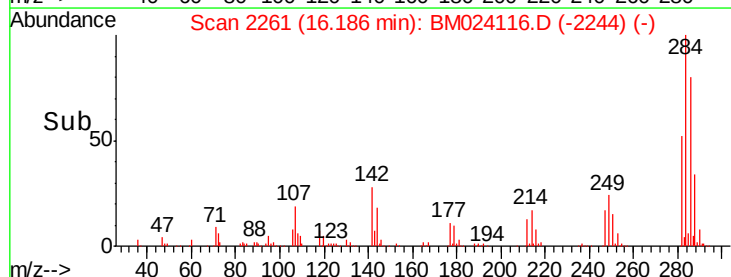
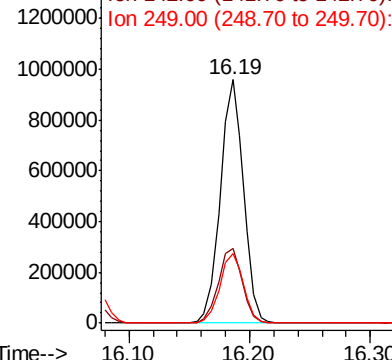


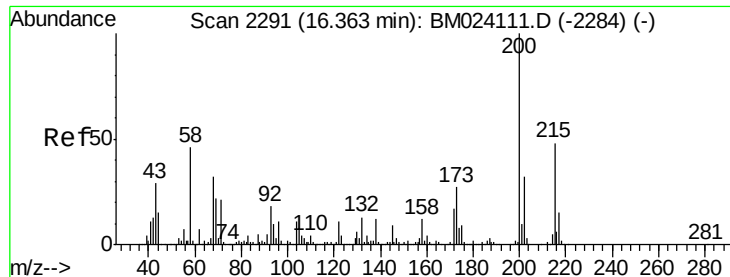
Abundance

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





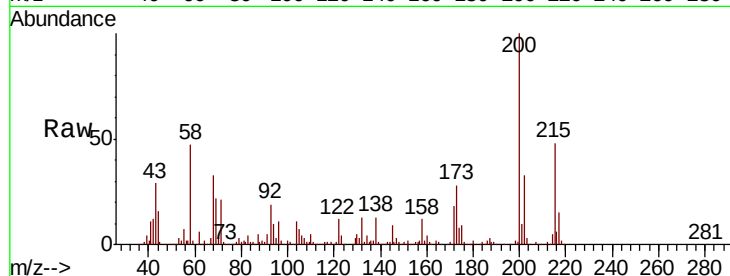
#69
Atrazine
Concen: 39.033 ng
RT: 16.36 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	7.2	47.2
215	48.1	27.9	67.9

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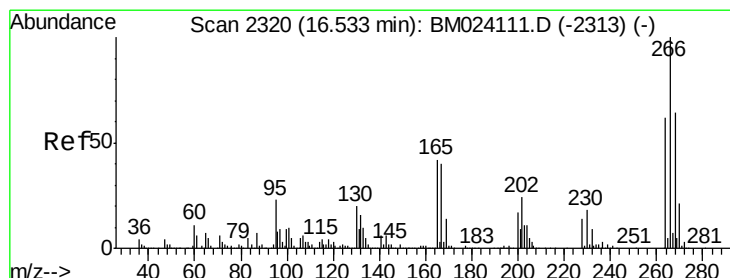
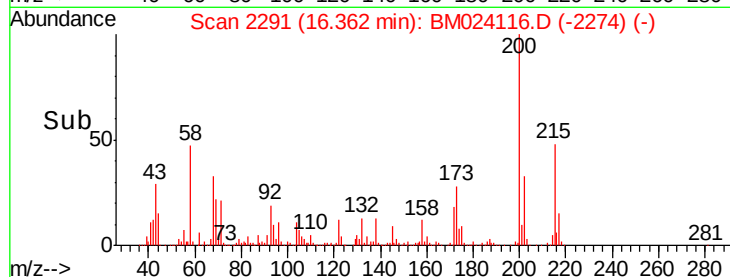
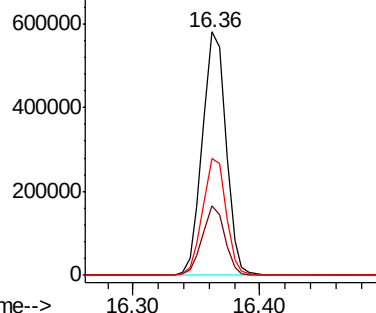


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 39.646 ng
RT: 16.53 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

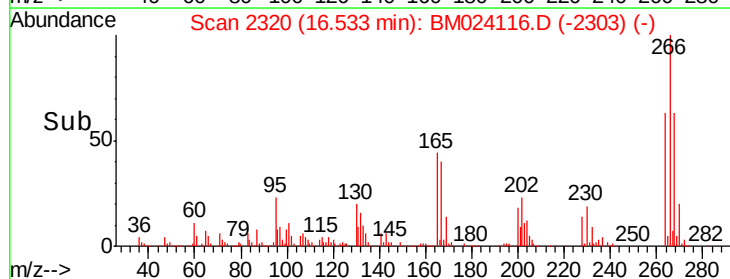
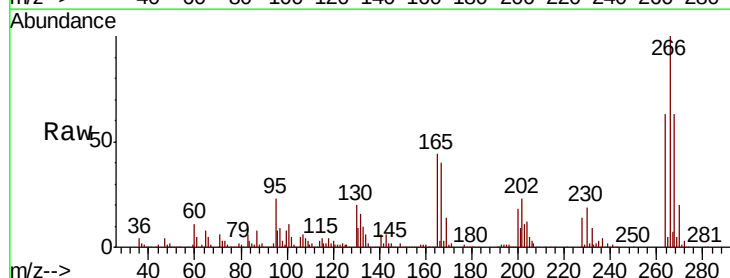
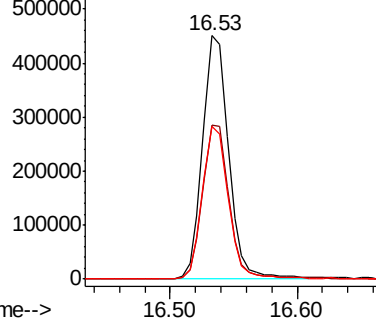
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	51.2	76.8
264	62.9	49.6	74.4

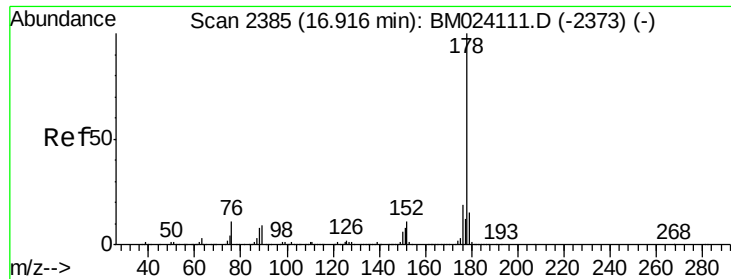
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





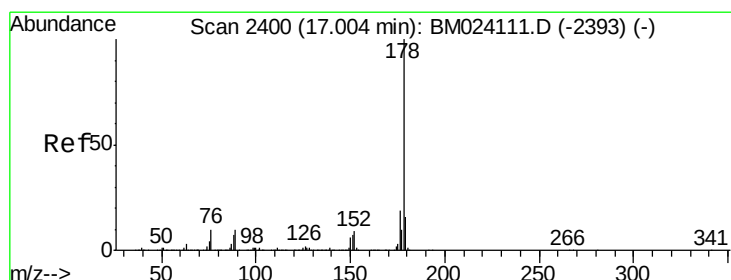
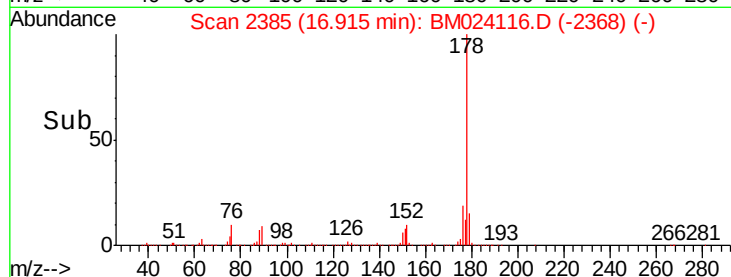
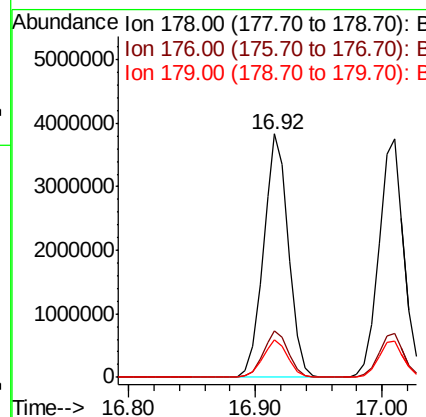
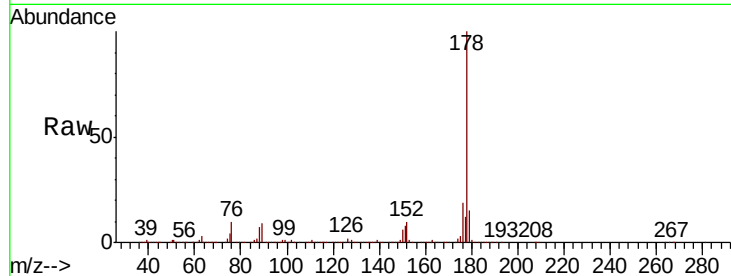
#71
Phenanthrene
Concen: 38.198 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.2	18.2

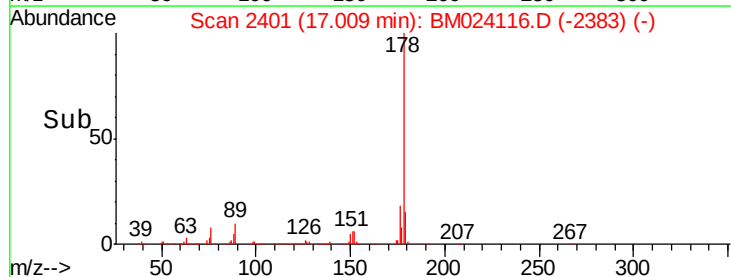
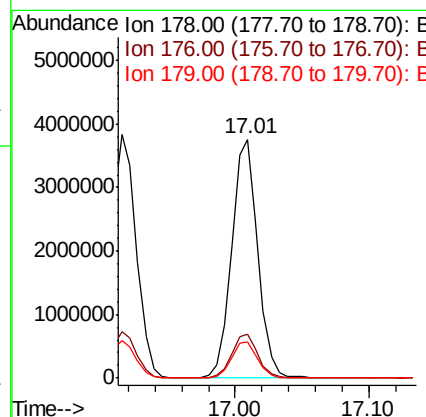
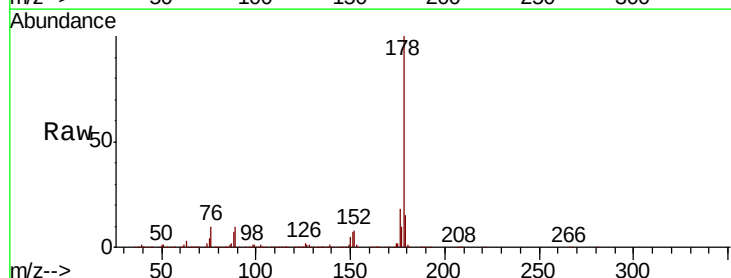
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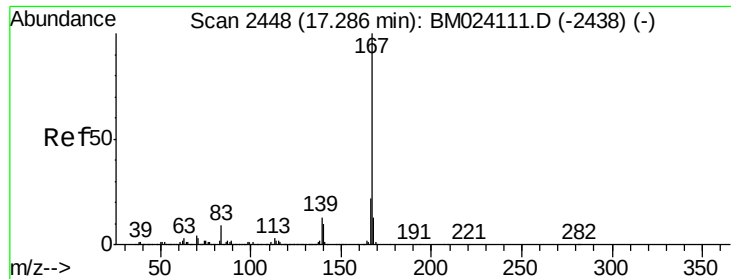
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#72
Anthracene
Concen: 38.506 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.3	12.5	18.7





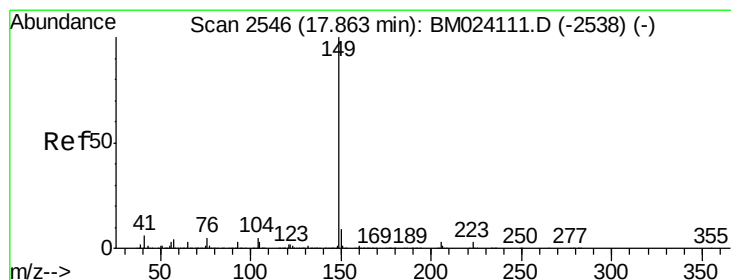
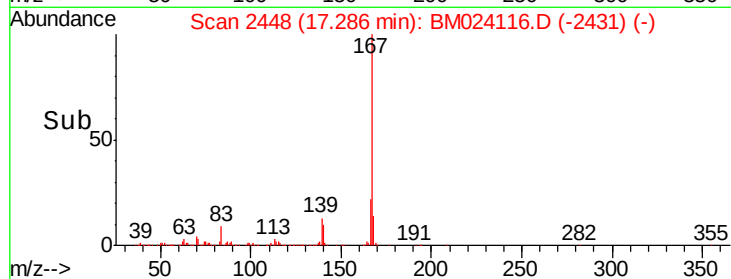
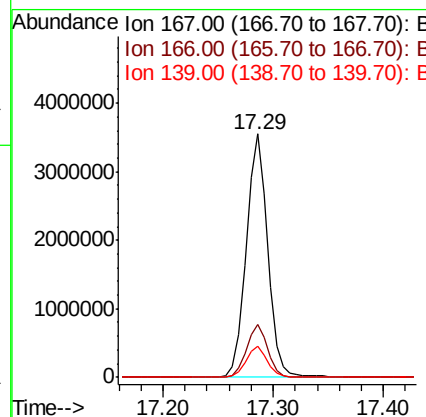
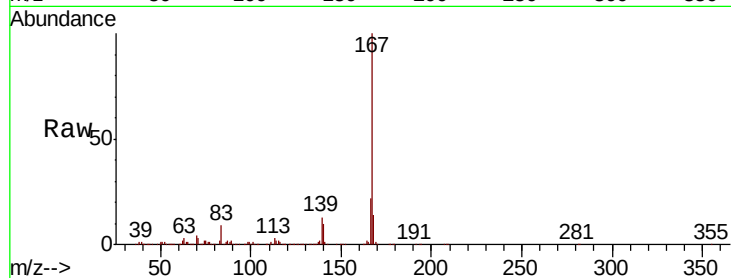
#73
 Carbazole
 Concen: 38.409 ng
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM121619

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	12.8	10.2	15.4

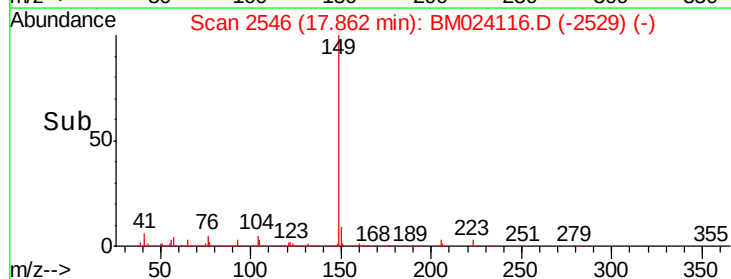
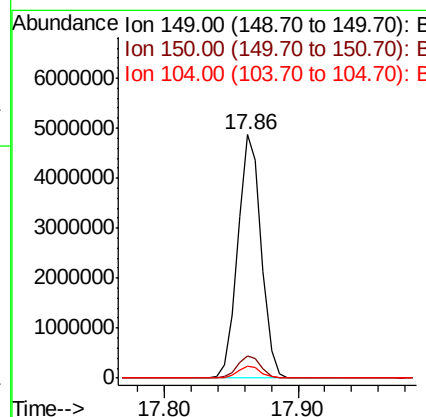
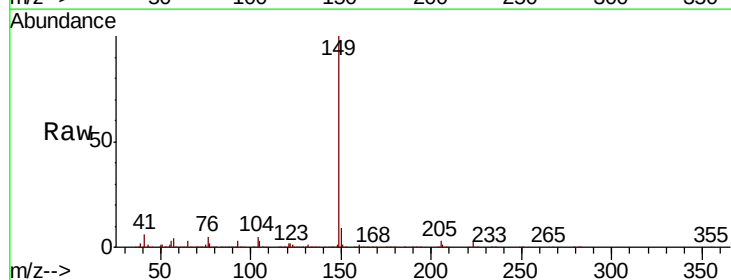
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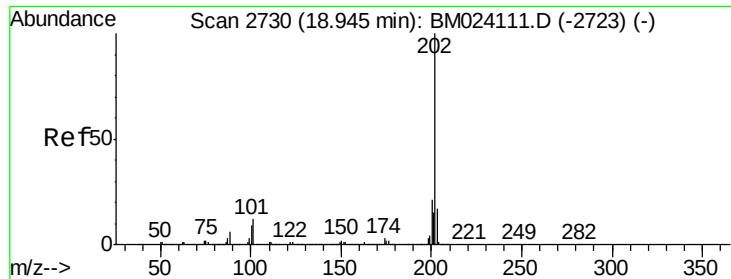
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.679 ng
 RT: 17.86 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM024116.D
 Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 38.824 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

ClientSampleId :

ICVBM121619

Tot Ion:202 Resp: 6016033

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.0

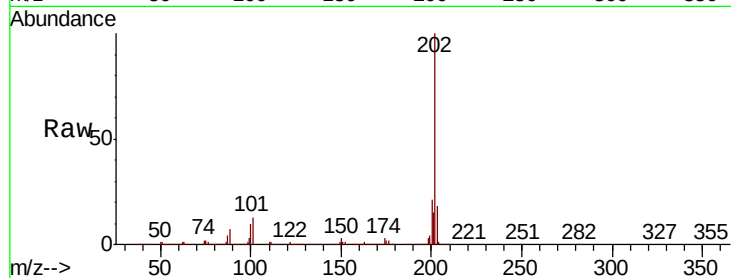
203 17.6 0.0 37.5

Manual Integrations

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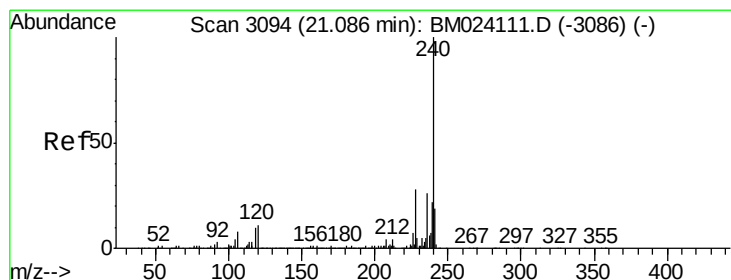
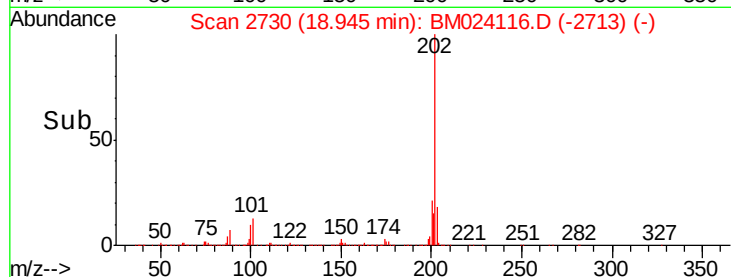
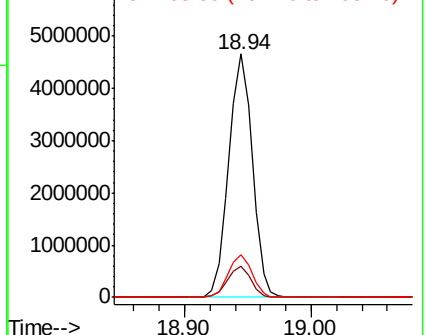


Abundance

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: 21.09 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

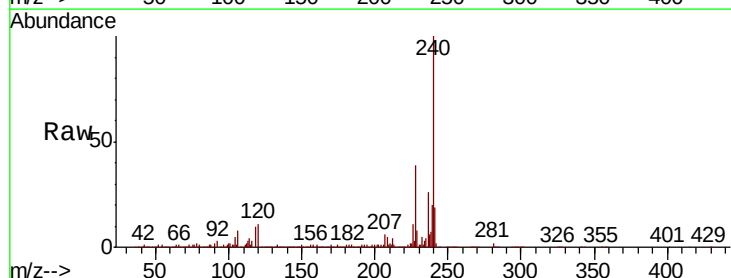
Tgt Ion:240 Resp: 2421096

Ion Ratio Lower Upper

240 100

120 10.7 8.6 13.0

236 25.5 20.7 31.1

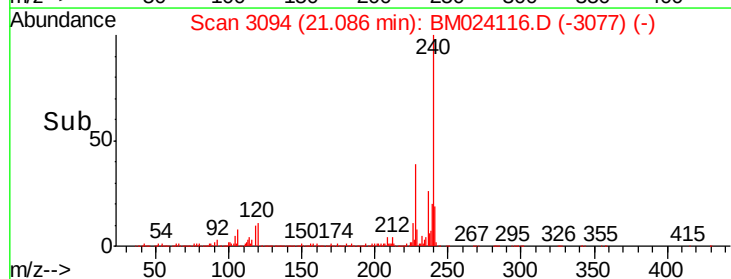
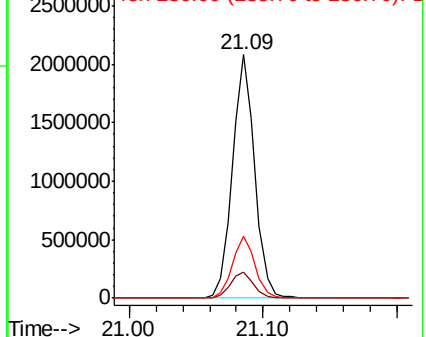


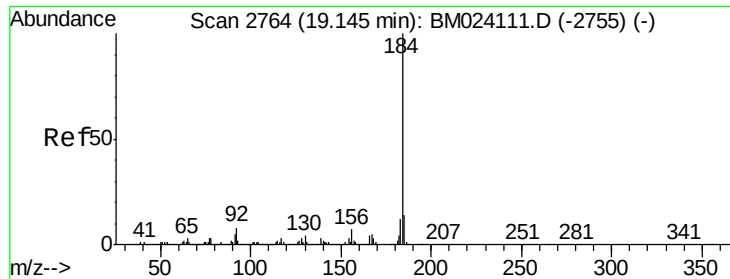
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.708 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

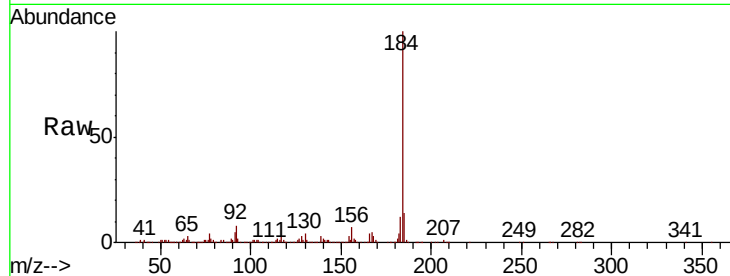
ClientSampleId :

ICVBM121619

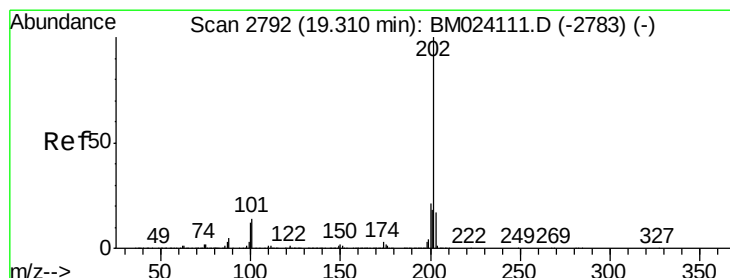
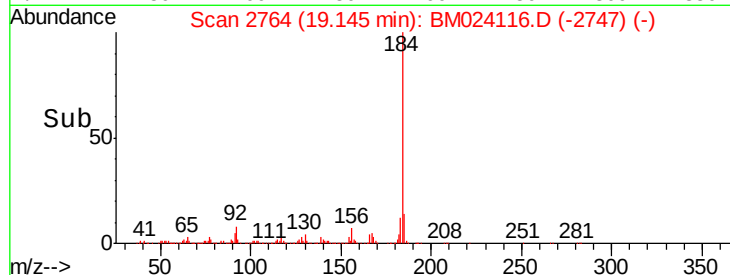
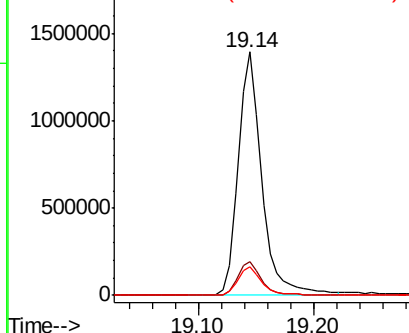
Tot Ion:	184	Resp:	1982611
Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.0	16.4
183	11.6	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.745 ng

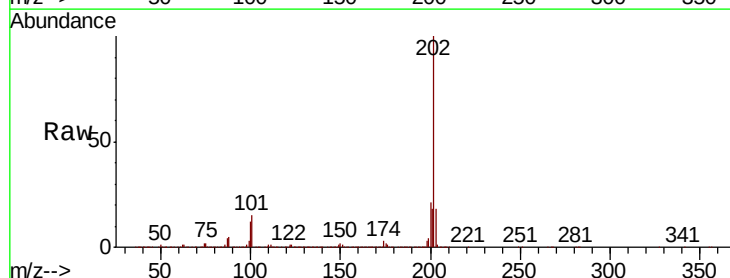
RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

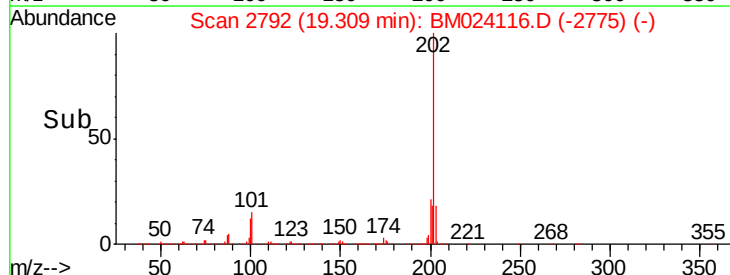
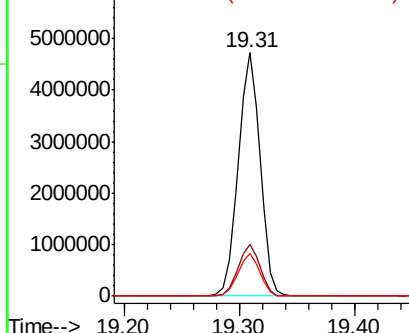
Lab File: BM024116.D

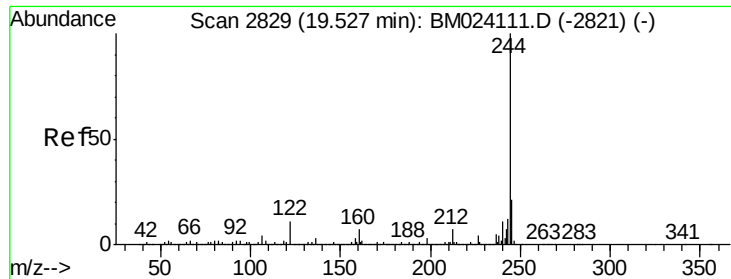
Acq: 16 Dec 2019 19:53

Tgt Ion:	202	Resp:	6193989
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.6	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.704 ng

RT: 19.53 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

ClientSampled :

ICVBM121619

Tot Ion:244 Resp:10139136

Ion Ratio Lower Upper

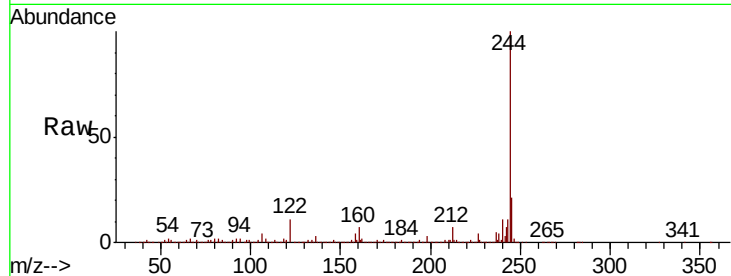
244 100

212 7.0 5.6 8.4

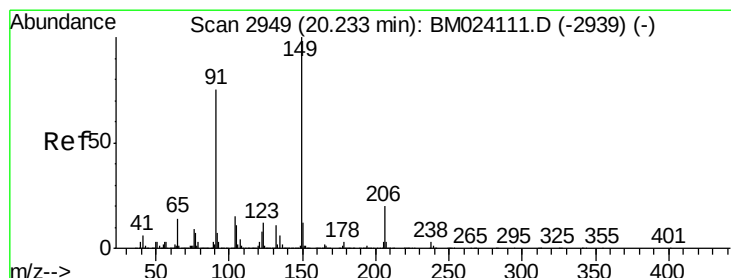
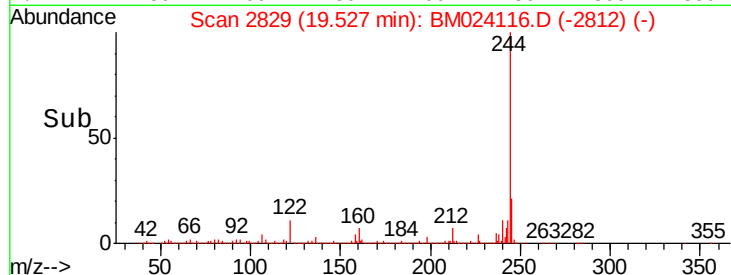
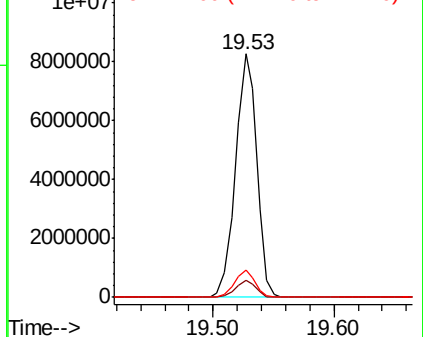
122 11.2 8.9 13.3

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



#80

Butylbenzylphthalate

Concen: 37.971 ng

RT: 20.24 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

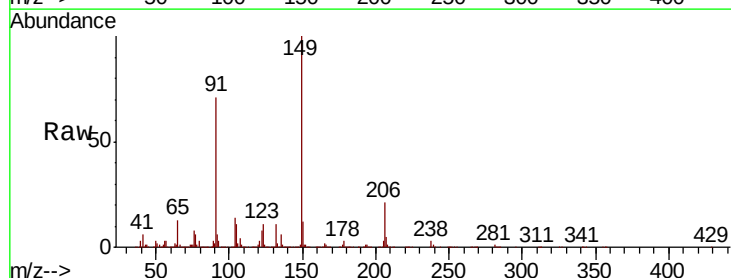
Tgt Ion:149 Resp: 2831758

Ion Ratio Lower Upper

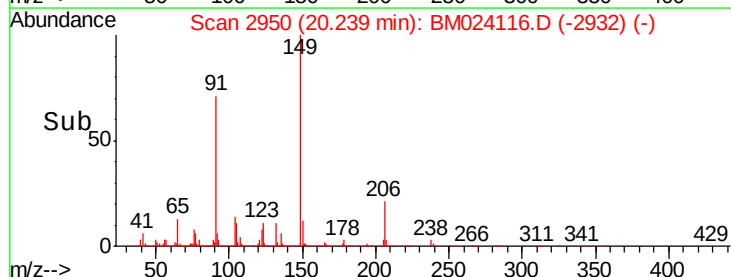
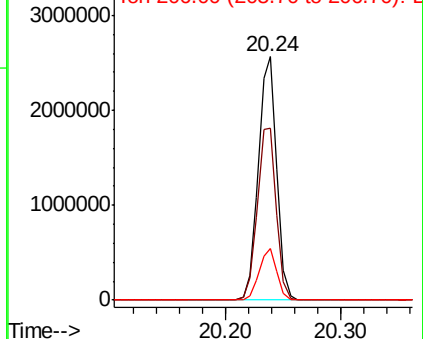
149 100

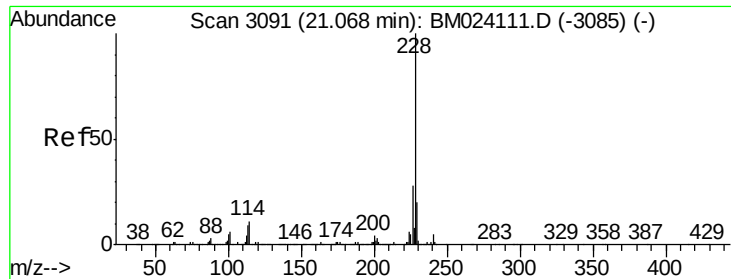
91 70.6 59.7 89.5

206 21.4 16.0 24.0



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





#81

Benzo(a)anthracene

Concen: 38.368 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

ClientSampleId :

ICVBM121619

Tot Ion:228 Resp: 6099993

Ion Ratio Lower Upper

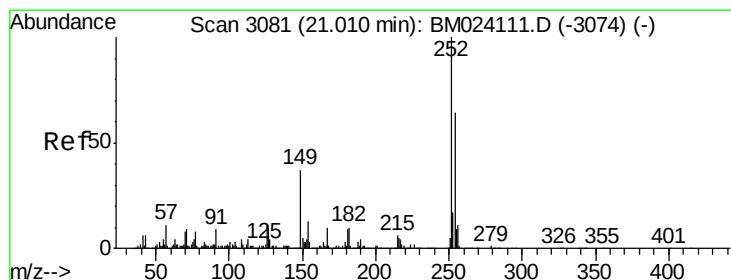
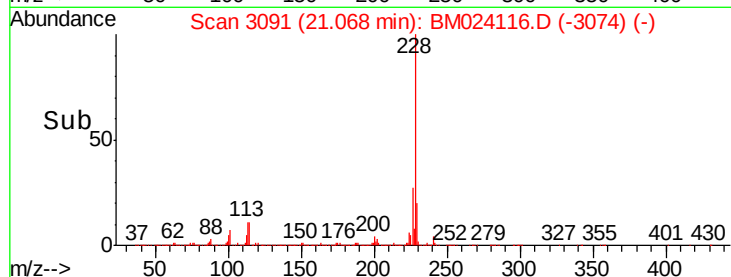
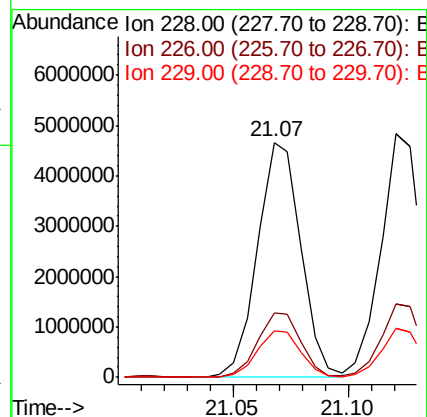
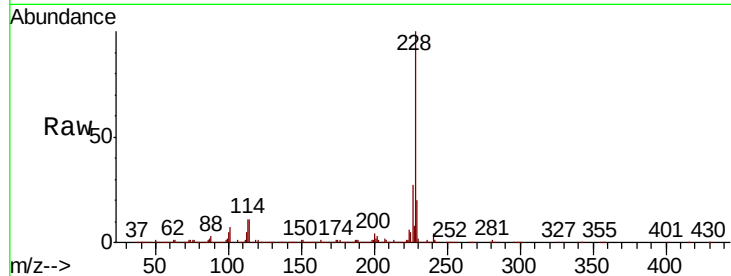
228 100

226 27.4 22.1 33.1

229 20.0 16.1 24.1

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#82

3,3'-Dichlorobenzidine

Concen: 38.857 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

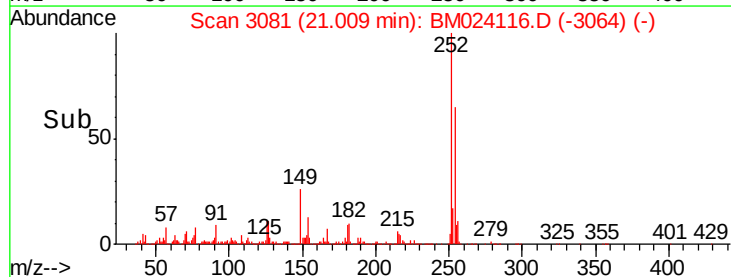
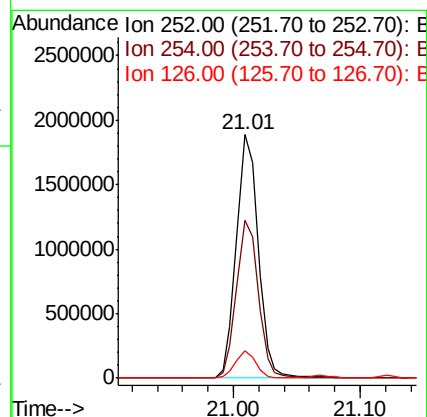
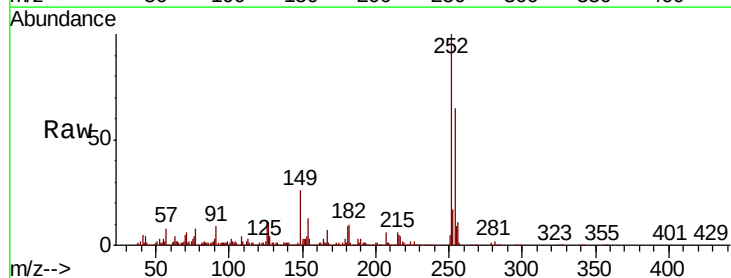
Tgt Ion:252 Resp: 2252858

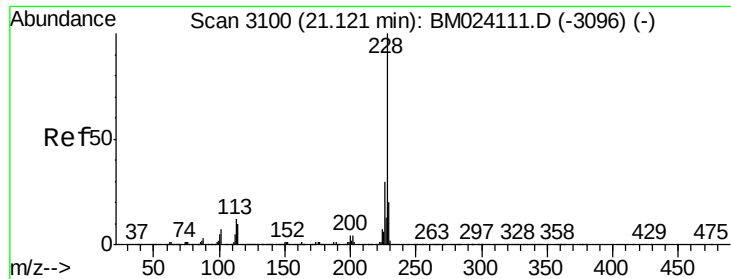
Ion Ratio Lower Upper

252 100

254 65.0 51.3 76.9

126 11.2 8.6 13.0





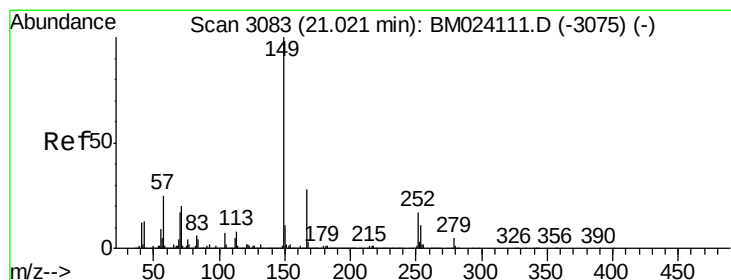
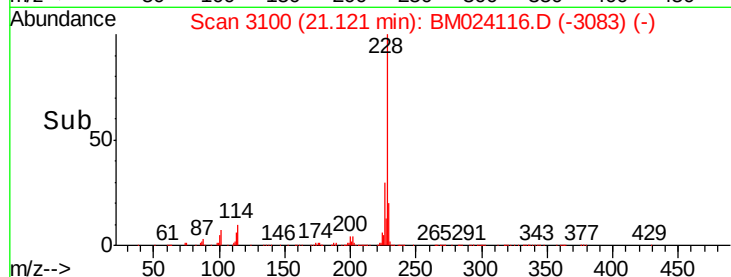
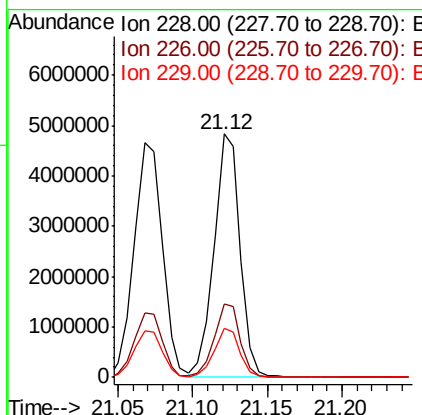
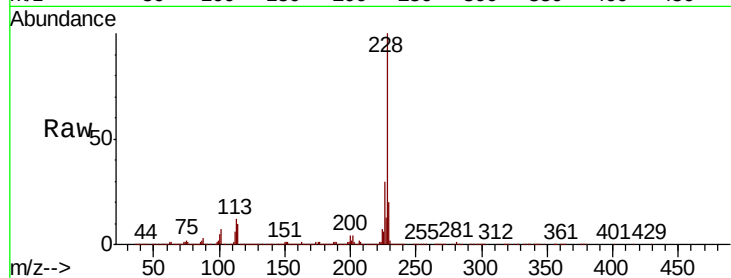
#83
Chrysene
Concen: 38.630 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion:228 Resp: 5879838
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.9 16.1 24.1

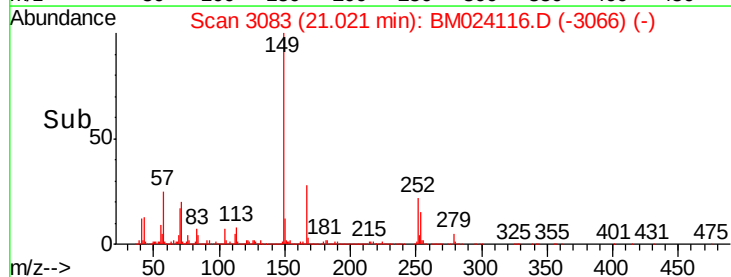
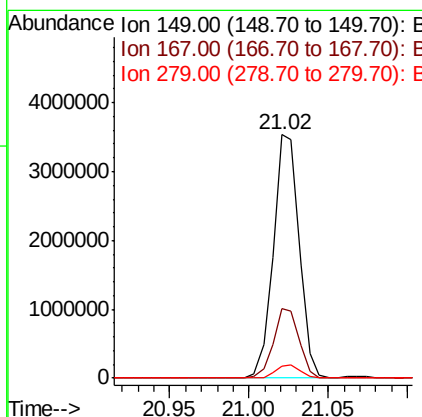
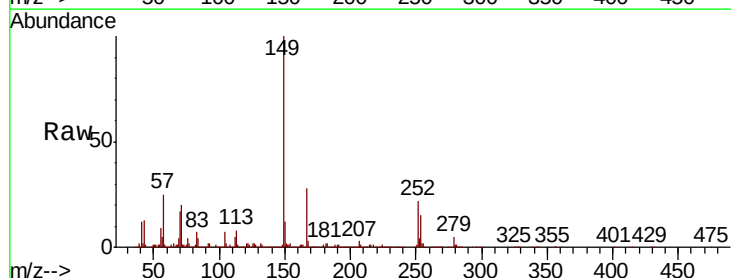
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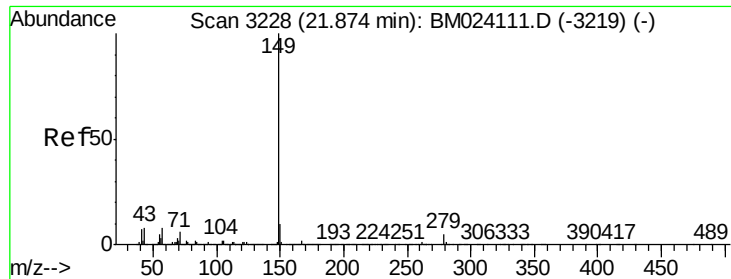
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.997 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion:149 Resp: 4012247
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 4.8 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 40.006 ng

RT: 21.88 min Scan# 3229

Delta R.T. 0.01 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

Instrument :

BNA_M

ClientSampleId :

ICVBM121619

Tot Ion:149 Resp: 6711065

Ion Ratio Lower Upper

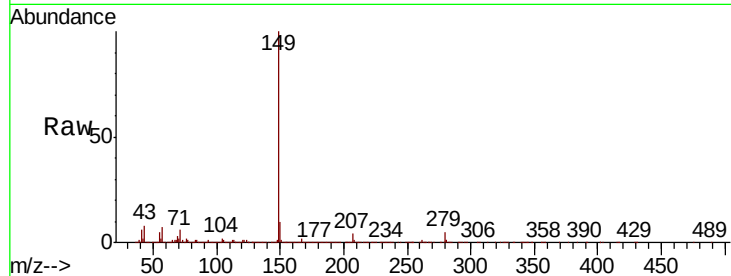
149 100

167 1.6 1.3 1.9

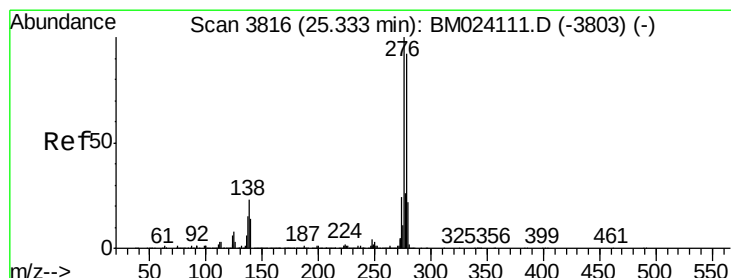
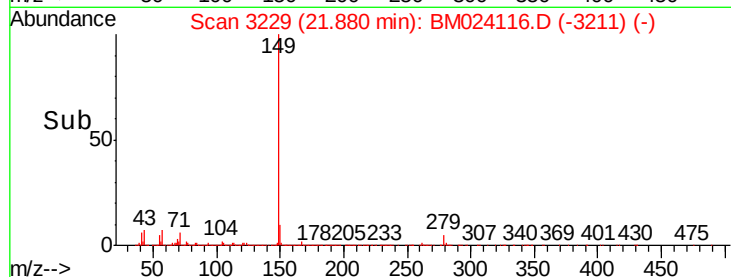
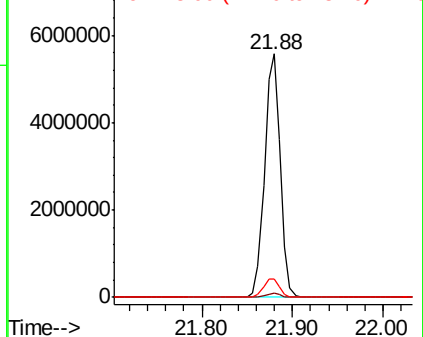
43 8.1 6.6 9.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.098 ng

RT: 25.33 min Scan# 3816

Delta R.T. -0.00 min

Lab File: BM024116.D

Acq: 16 Dec 2019 19:53

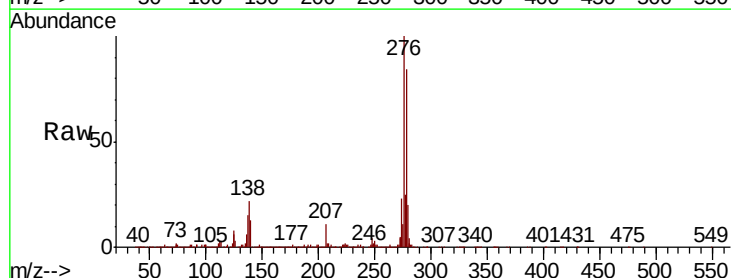
Tgt Ion:276 Resp: 7086498

Ion Ratio Lower Upper

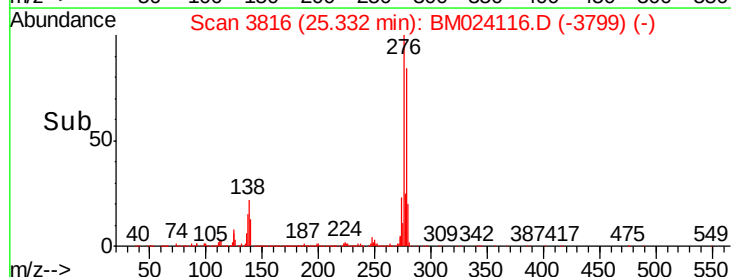
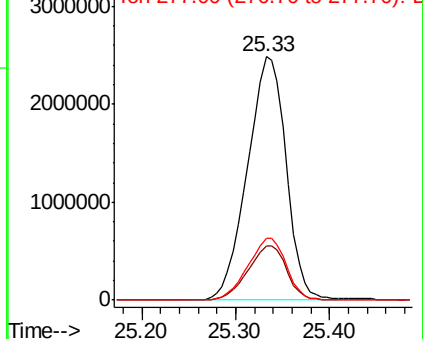
276 100

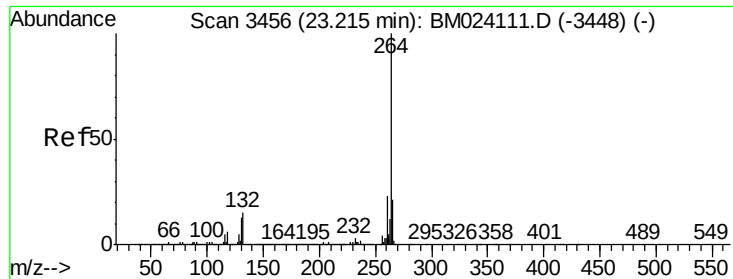
138 22.2 0.0 0.0#

277 25.3 0.0 0.0#



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





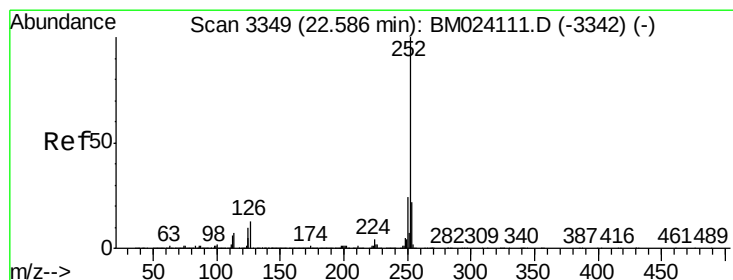
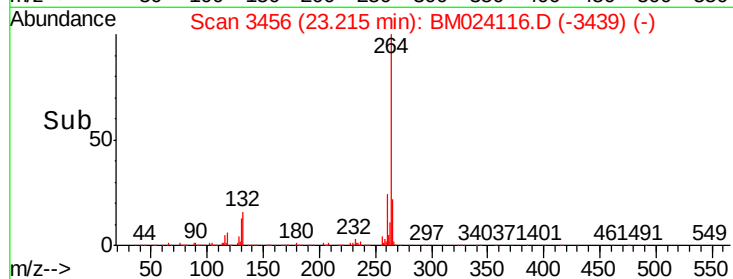
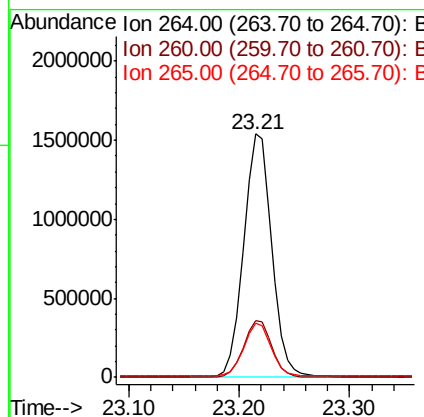
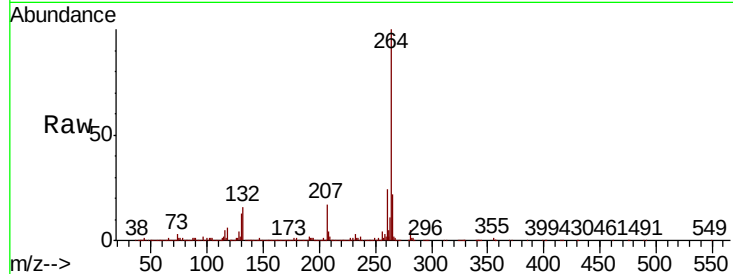
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.21 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.2	17.4	26.0

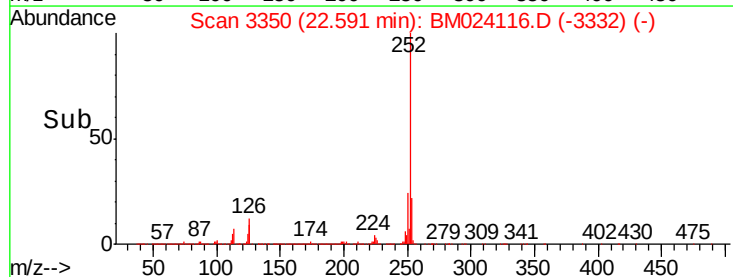
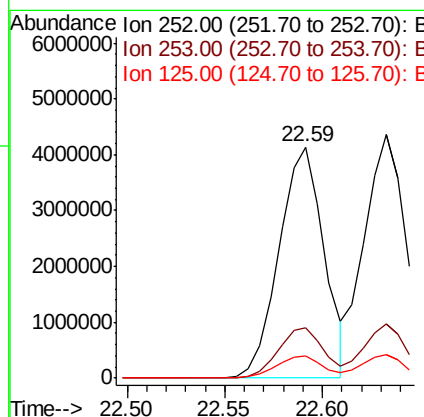
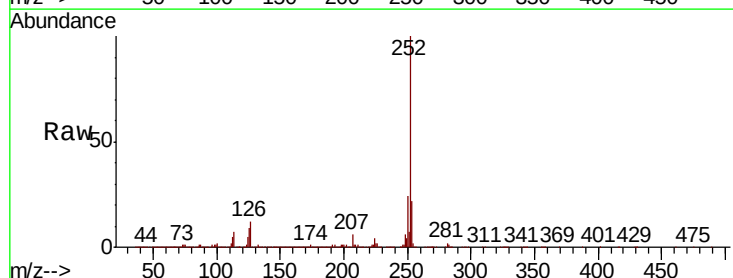
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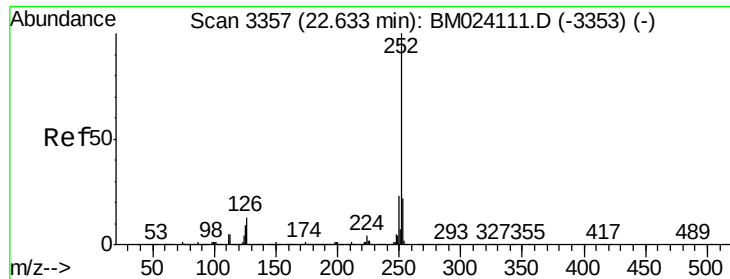
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#88
Benzo(b)fluoranthene
Concen: 37.813 ng
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.3	7.9	11.9





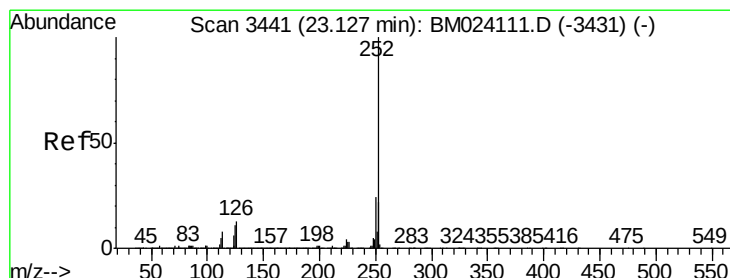
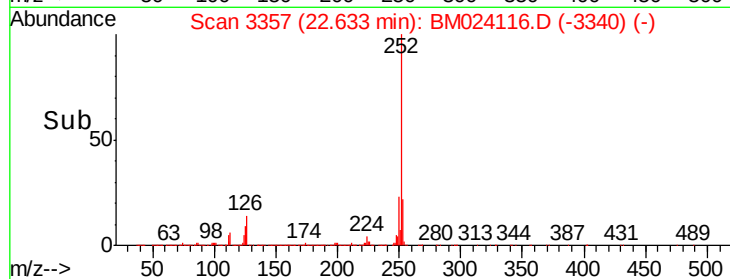
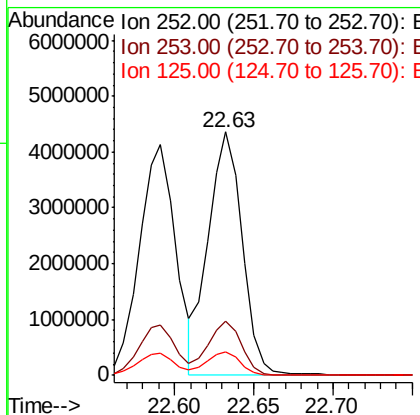
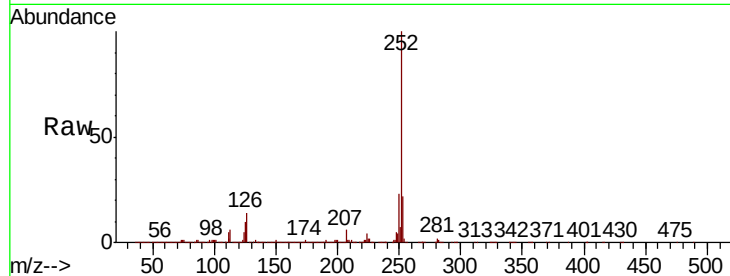
#89
Benzo(k)fluoranthene
Concen: 38.504 ng
RT: 22.63 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.5	7.3	10.9

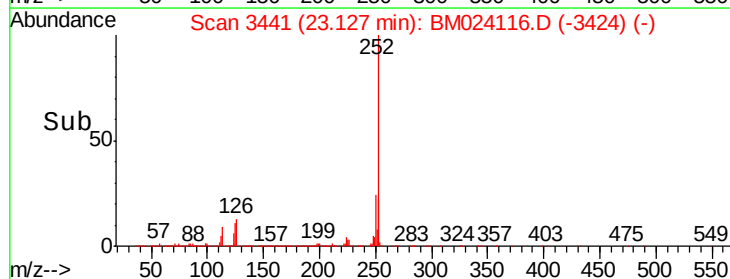
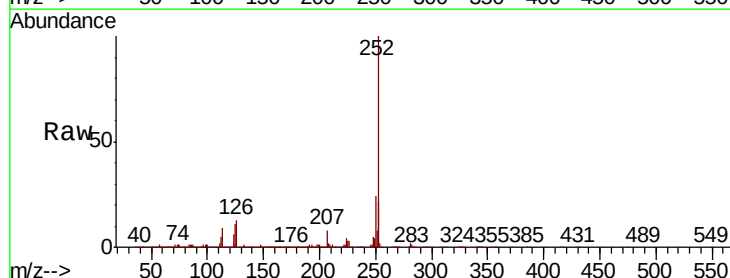
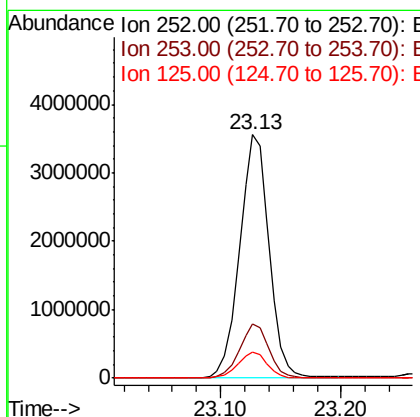
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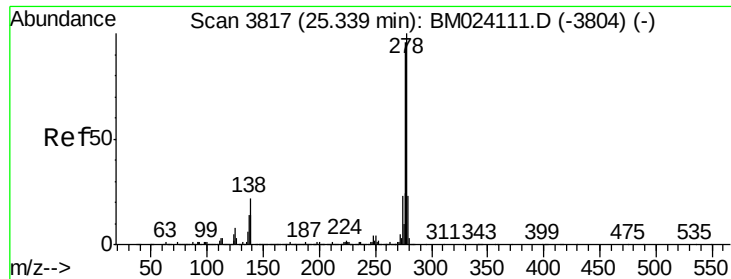
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#90
Benzo(a)pyrene
Concen: 37.559 ng
RT: 23.13 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.7	8.5	12.7





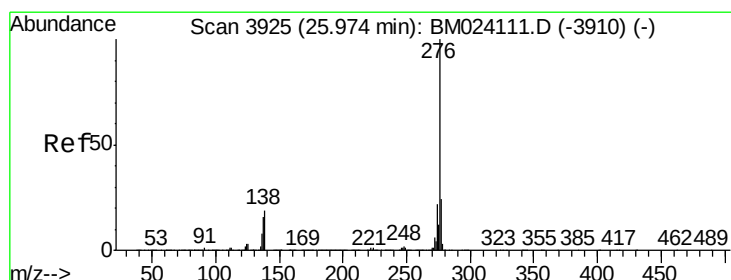
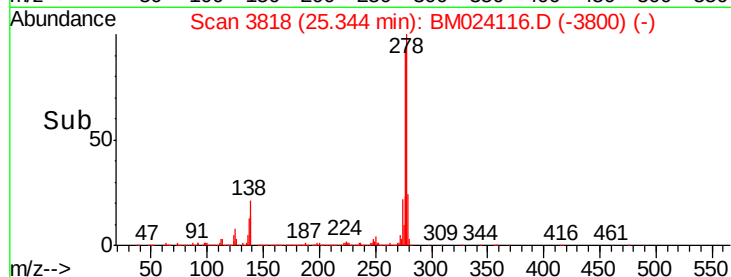
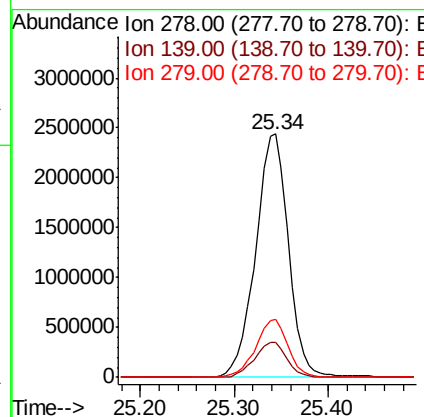
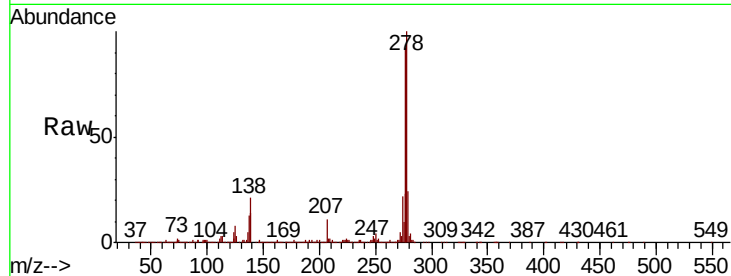
#91
Dibenzo(a,h)anthracene
Concen: 37.501 ng
RT: 25.34 min Scan# 3818
Delta R.T. 0.01 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Instrument :
BNA_M
ClientSampleId :
ICVBM121619

Tot Ion:278 Resp: 5888220
Ion Ratio Lower Upper
278 100
139 14.1 11.4 17.2
279 23.6 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 37.009 ng
RT: 25.97 min Scan# 3925
Delta R.T. -0.00 min
Lab File: BM024116.D
Acq: 16 Dec 2019 19:53

Tgt Ion:276 Resp: 5461951
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 18.6 15.4 23.0

