

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024203.D
 Acq On : 20 Dec 2019 14:52
 Operator : JU
 Sample : K4649-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Manual Integrations
 APPROVED

mohammad
 12/23/2019 11:55:32 AM

Quant Time: Dec 21 00:58:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 21 00:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	282967	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1211227	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	755287	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1557243	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1567821	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1802392	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	60189	9.40	ng/uL	0.00
5) Phenol-d5	6.63	99	531965	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	355972	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	417596	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	423402	19.33	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	197745	22.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	223644	23.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	420732	22.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	547810	24.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1289031	23.08	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1483184	22.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	185839	18.53	ng/ul	0.00
58) Fluorene-d10	15.10	176	1062049	21.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	193512	20.37	ng/ul	0.00
71) Anthracene-d10	16.96	188	1618397	22.84	ng/ul	0.00
79) Pyrene-d10	19.26	212	1713277	22.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2061254	23.02	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.03	88	64764	9.128	ng/uL 95
4) Benzaldehyde	6.59	77	369221	21.317	ng/ul 98
6) Phenol	6.66	94	543839	19.657	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.88	93	448175	20.906	ng/ul 97
10) 2-Chlorophenol	7.00	128	425217	21.696	ng/ul 99
11) 2-Methylphenol	7.89	108	397968	19.346	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	554986	22.478	ng/ul 98
14) Acetophenone	8.26	105	675553	20.453	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.25	70	390688	21.412	ng/ul 99
16) 4-Methylphenol	8.22	108	443361	19.413	ng/ul 100
17) Hexachloroethane	8.49	117	182548	22.567	ng/ul 96
20) Nitrobenzene	8.63	77	531092	21.953	ng/ul 98
21) Isophorone	9.16	82	1000228	22.120	ng/ul 99
23) 2-Nitrophenol	9.33	139	244370	23.195	ng/ul 93
24) 2,4-Dimethylphenol	9.41	107	511649	22.513	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.64	93	631881	22.493	ng/ul 98
27) 2,4-Dichlorophenol	9.87	162	405939	22.295	ng/ul 97
28) Naphthalene	10.25	128	1387862	21.866	ng/ul 100
30) 4-Chloroaniline	10.38	127	549616	24.100	ng/ul 96
31) Hexachlorobutadiene	10.54	225	262198	23.294	ng/ul 99
32) Caprolactam	11.17	113	120715m	17.545	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	457719	20.950	ng/ul 98
34) 2-Methylnaphthalene	11.88	142	1011185	22.288	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	985135	21.274	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	496505	24.318	ng/ul	100
38) Hexachlorocyclopentadiene	12.23	237	147188	15.999	ng/ul	99
39) 2,4,6-Trichlorophenol	12.52	196	308952	22.880	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	325989	22.395	ng/ul	99
41) 1,1'-Biphenyl	12.92	154	1315848	23.340	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	998841	22.550	ng/ul	99
43) 2-Nitroaniline	13.18	65	287191	22.114	ng/ul	94
45) Dimethylphthalate	13.57	163	1270689	21.891	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	245710	21.489	ng/ul	95
48) Acenaphthylene	13.82	152	1506893	21.209	ng/ul	100
49) 3-Nitroaniline	14.02	138	230173	21.211	ng/ul	95
50) Acenaphthene	14.16	153	1074279	21.990	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	106618	16.593	ng/ul	100
53) 4-Nitrophenol	14.36	109	151407	18.935	ng/ul	95
54) Dibenzofuran	14.50	168	1516487	22.329	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	366993	21.253	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.74	232	291548	22.154	ng/ul	96
57) Diethylphthalate	14.95	149	1327566	22.496	ng/ul	99
59) Fluorene	15.16	166	1226644	21.387	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	613015	21.980	ng/ul	96
61) 4-Nitroaniline	15.20	138	222425	18.563	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.27	198	207428	20.443	ng/ul	98
65) N-Nitrosodiphenylamine	15.37	169	1058205	23.371	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	396105	23.930	ng/ul	98
67) Hexachlorobenzene	16.17	284	453943	22.397	ng/ul	98
68) Atrazine	16.34	200	377448	22.426	ng/ul	99
69) Pentachlorophenol	16.52	266	217243	20.454	ng/ul	98
70) Phenanthrene	16.90	178	1902218	21.819	ng/ul	99
72) Anthracene	16.99	178	1946984	22.214	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	482978	24.712	ng/uL	97
74) Pentachlorobenzene	14.42	250	520645	24.188	ng/uL	98
75) Carbazole	17.27	167	1660457	22.053	ng/ul	100
76) Di-n-butylphthalate	17.84	149	2265005	25.084	ng/ul	100
77) Fluoranthene	18.93	202	2142958	22.552	ng/ul	99
80) Pvrene	19.29	202	2229326	21.781	ng/ul	99
81) Butylbenzylphthalate	20.22	149	1048205	25.995	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	820922	23.587	ng/ul	100
83) Benzo(a)anthracene	21.06	228	2287497	22.900	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1660628	27.635	ng/ul	100
85) Chrysene	21.11	228	2157483	22.035	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2824255	29.001	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2464542	22.853	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	2362781	22.329	ng/ul	100
91) Benzo(a)pyrene	23.11	252	2325065	23.832	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2787113	23.791	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	2359386	24.022	ng/ul	100
94) Benzo(a,h,i)perylene	25.94	276	2305317	24.102	ng/ul	99

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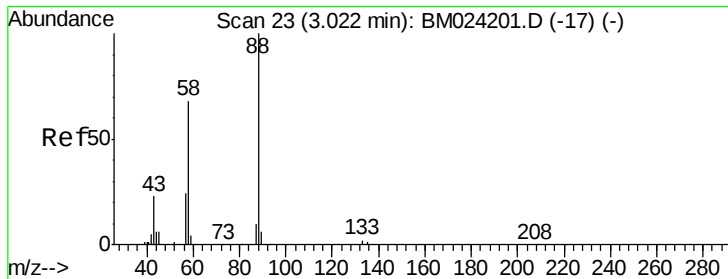
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 9.128 ng/uL

RT: 3.03 min Scan# 24

Delta R.T. 0.01 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

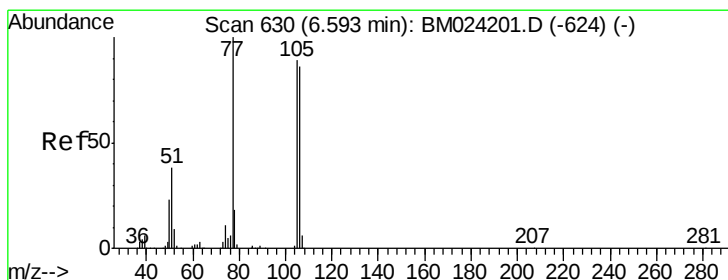
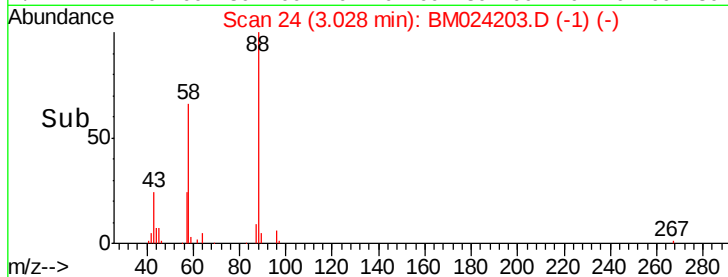
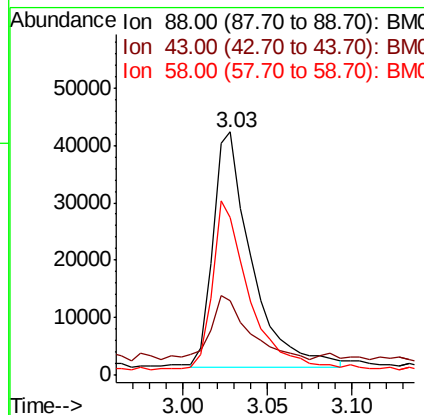
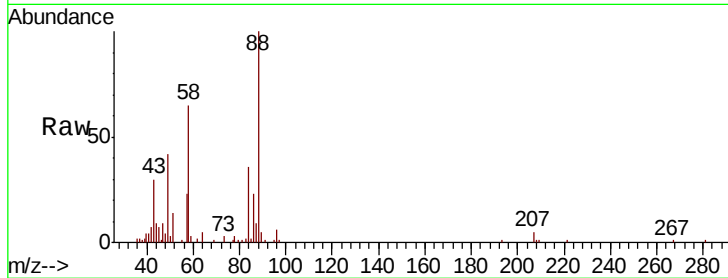
ClientSampleId :

A5167MSD

Tot Ion:	88	Resp:	64764
Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.9	38.9
58	64.9	48.8	73.2

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#4

Benzaldehyde

Concen: 21.317 ng/uL

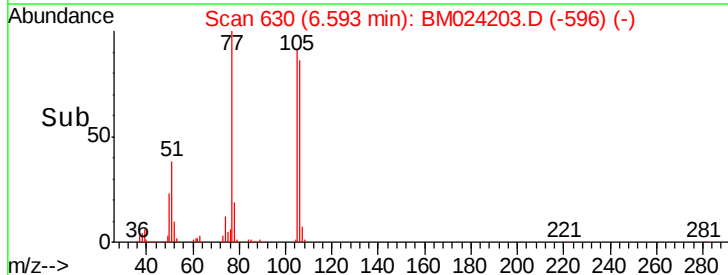
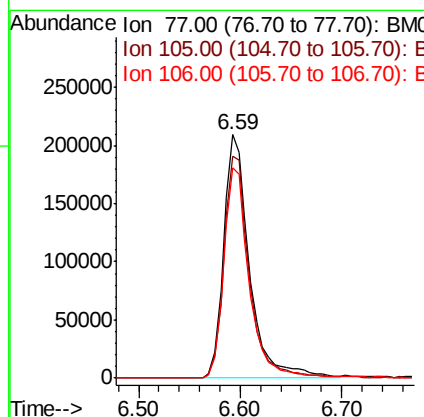
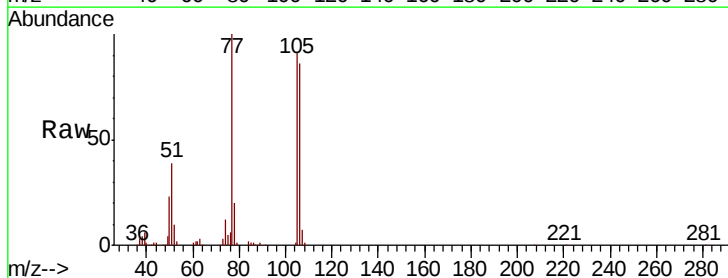
RT: 6.59 min Scan# 630

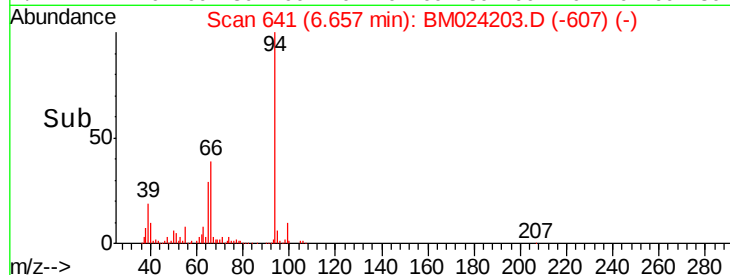
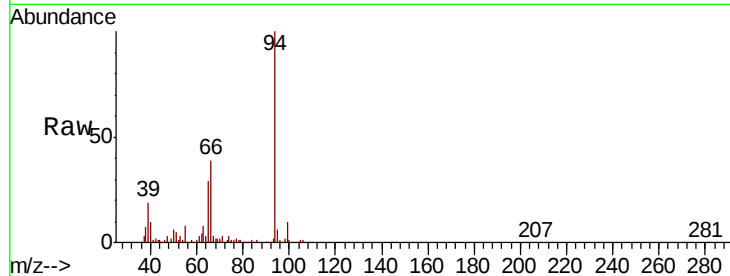
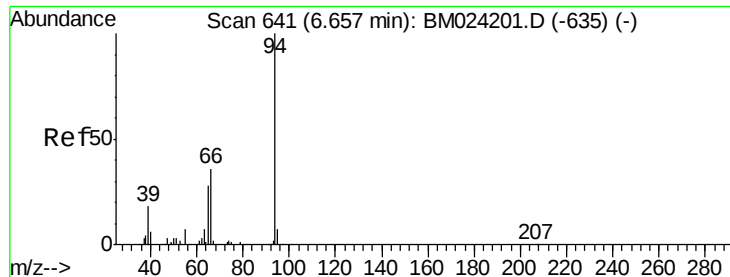
Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Tgt Ion:	77	Resp:	369221
Ion	Ratio	Lower	Upper
77	100		
105	91.3	72.2	108.2
106	86.3	67.3	100.9





#6

Phenol

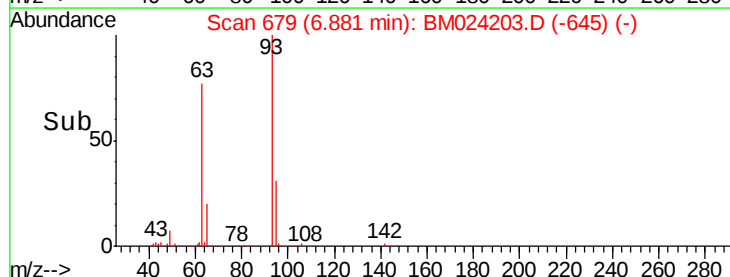
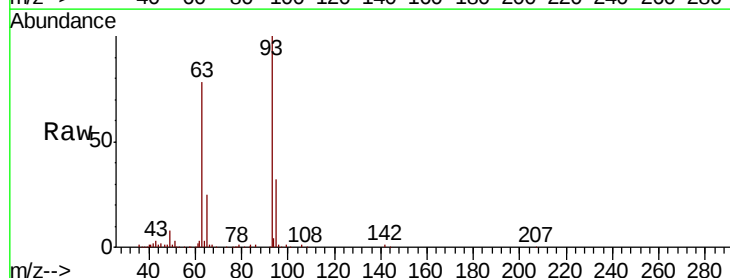
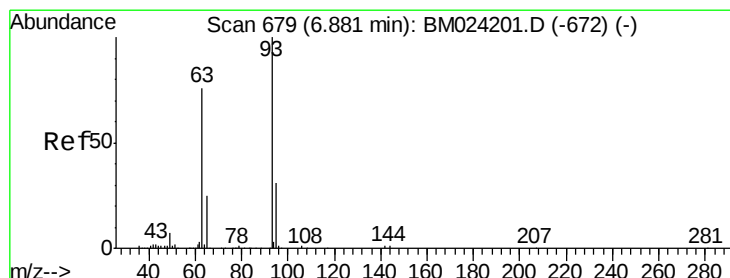
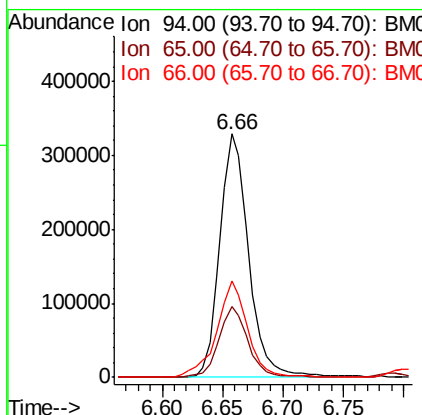
Concen: 19.657 ng/ul
RT: 6.66 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
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Tot Ion	Ratio	Lower	Upper
94	100		
65	29.3	22.6	33.8
66	39.4	30.7	46.1

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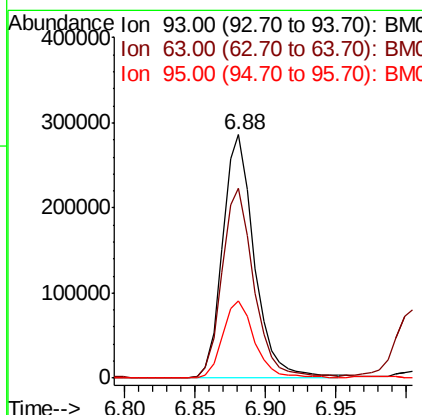


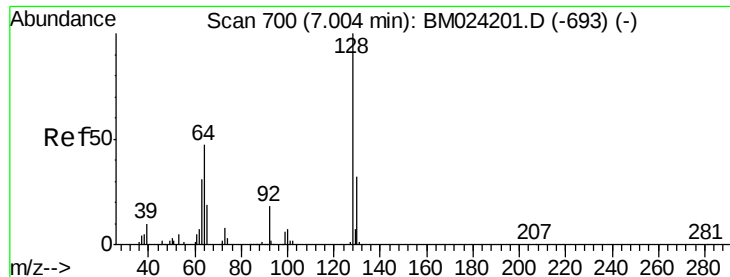
#8

Bis(2-Chloroethyl)ether

Concen: 20.906 ng/ul
RT: 6.88 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.9	59.8	89.6
95	31.8	25.4	38.2





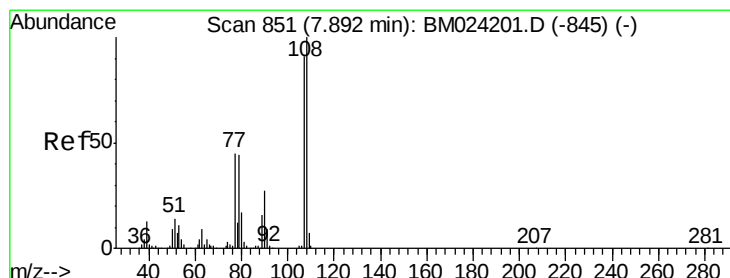
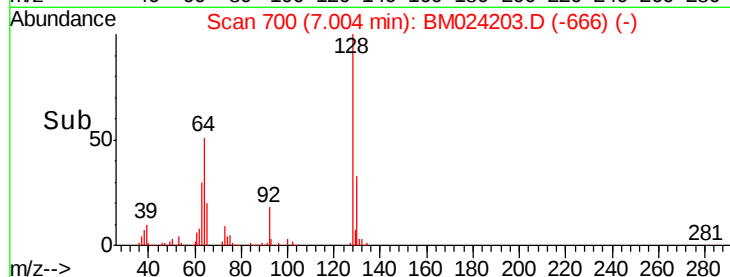
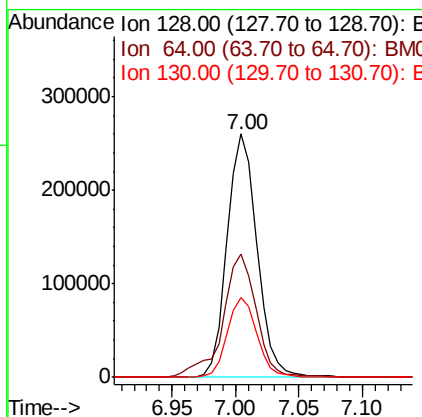
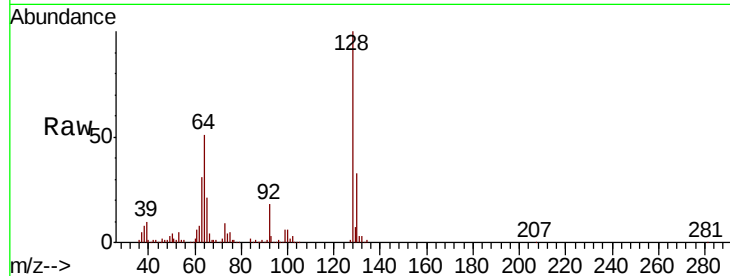
#10
2-Chlorophenol
Concen: 21.696 ng/ul
RT: 7.00 min Scan# 700
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
128	100	425217		
64	50.9		40.6	61.0
130	32.8		25.1	37.7

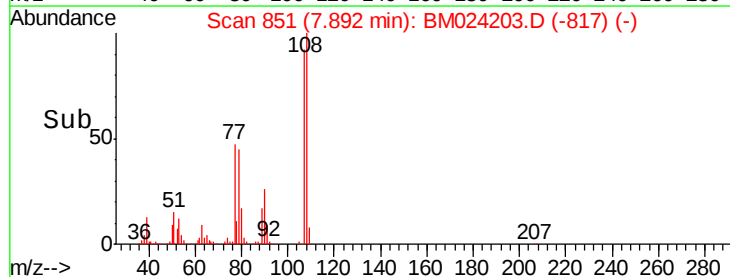
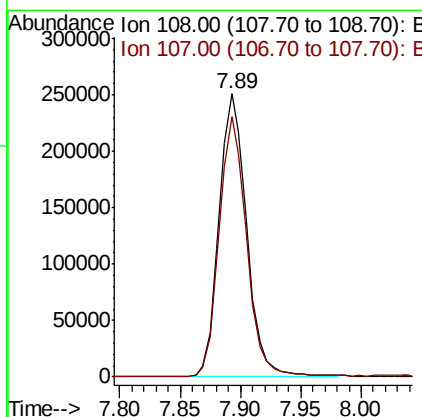
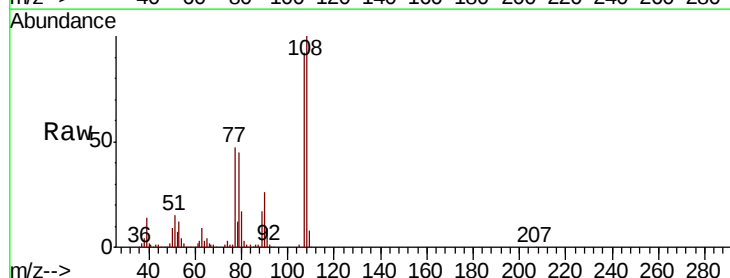
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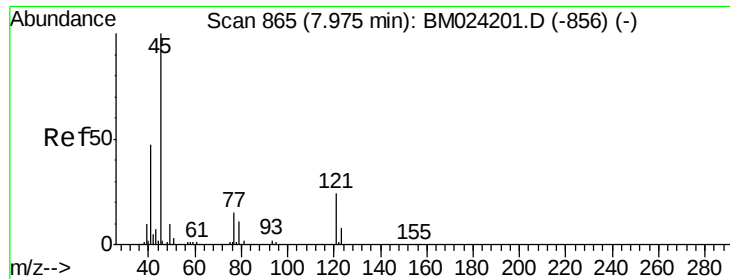
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#11
2-Methylphenol
Concen: 19.346 ng/ul
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	397968		
107	92.1		72.7	109.1





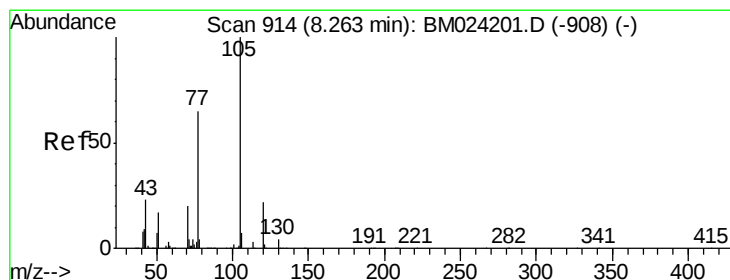
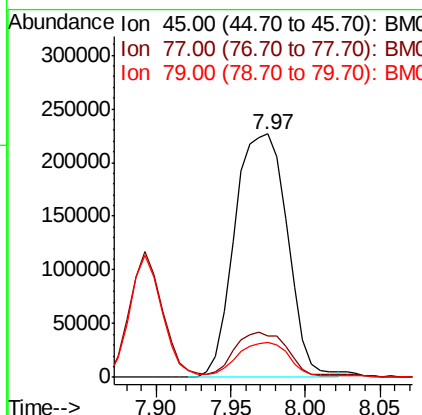
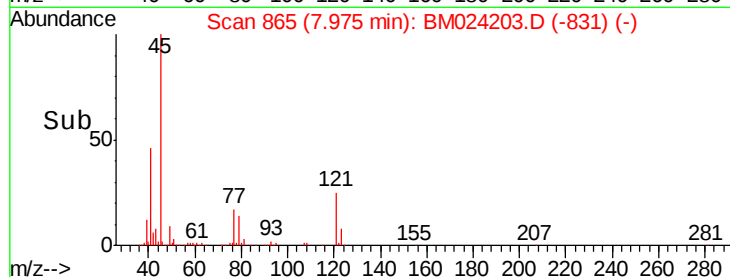
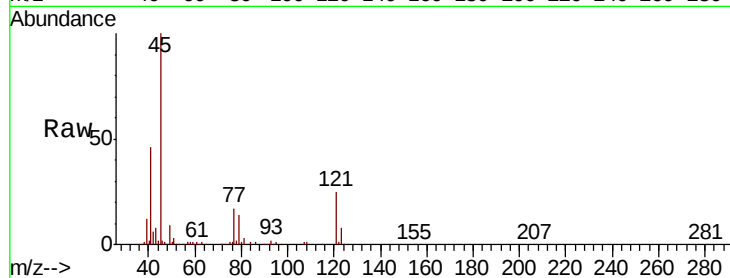
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 22.478 ng/ul
RT: 7.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

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Tot Ion	Ratio	Lower	Upper
45	100		
77	17.2	14.6	21.8
79	14.5	11.8	17.8

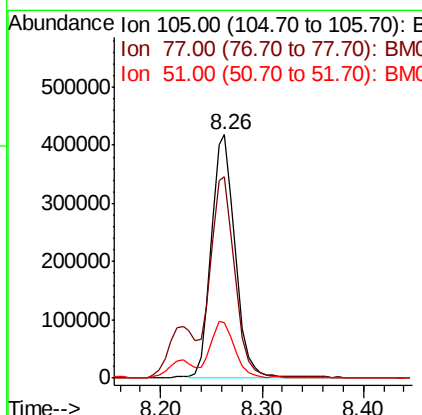
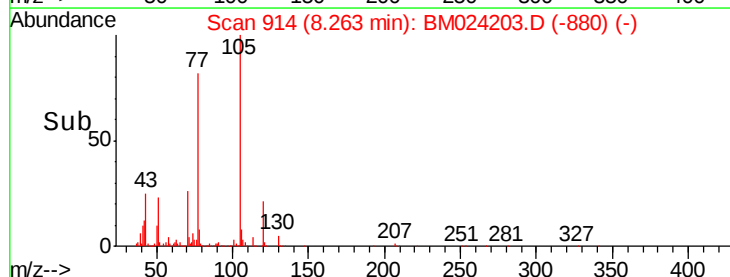
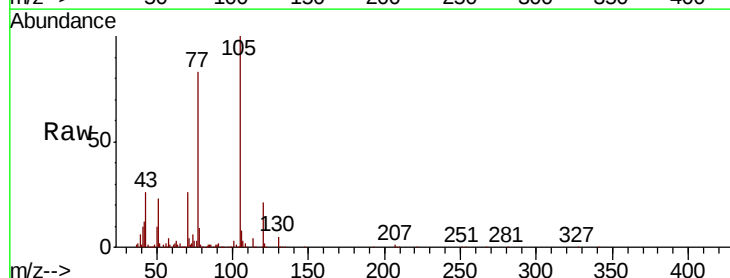
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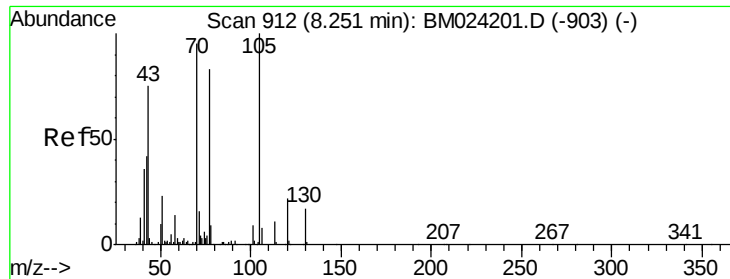
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#14
Acetophenone
Concen: 20.453 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM024203.D
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.5	65.6	98.4
51	22.9	18.3	27.5





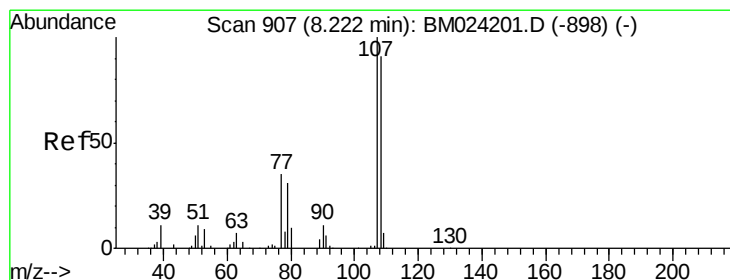
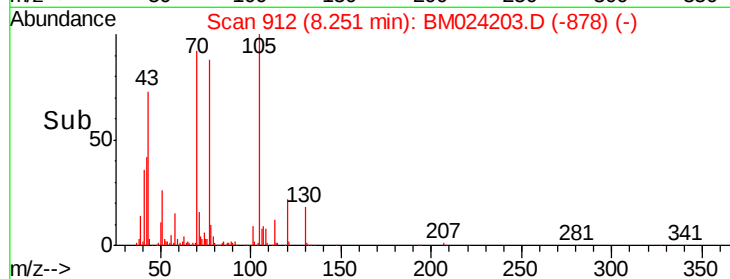
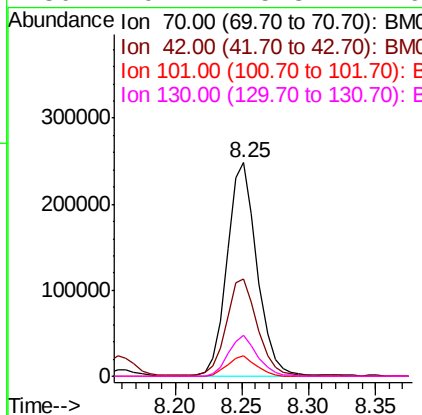
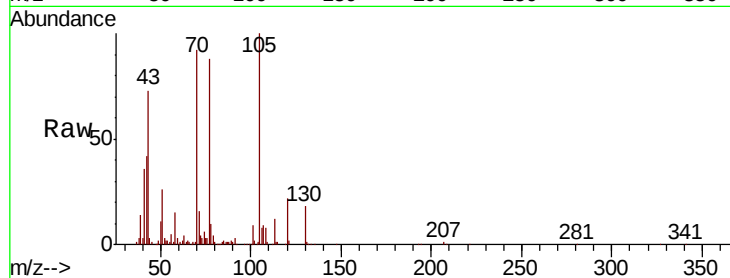
#15
N-Nitroso-di-n-propylamine
Concen: 21.412 ng/ul
RT: 8.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
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ClientSampleId :
A5167MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		390688		
42	45.6	36.2	54.4		
101	9.4	7.7	11.5		
130	19.4	15.3	22.9		

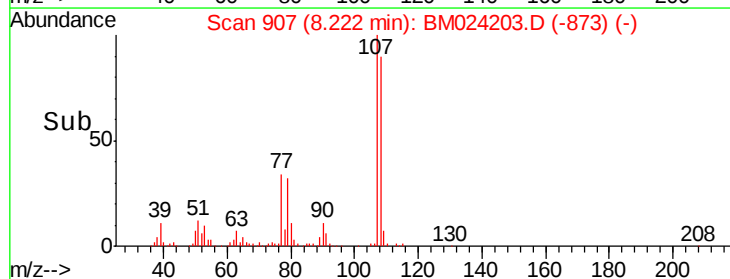
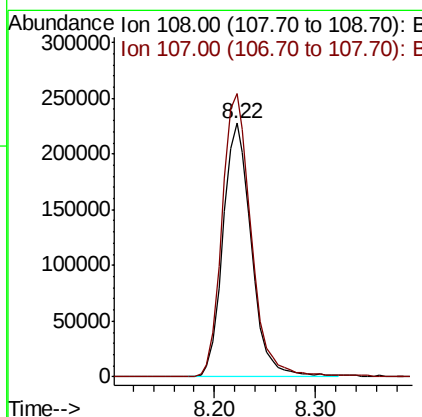
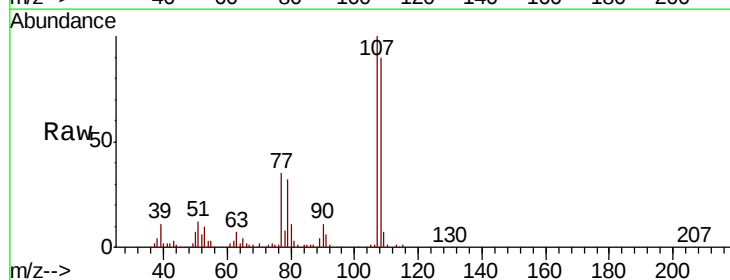
Manual Integrations
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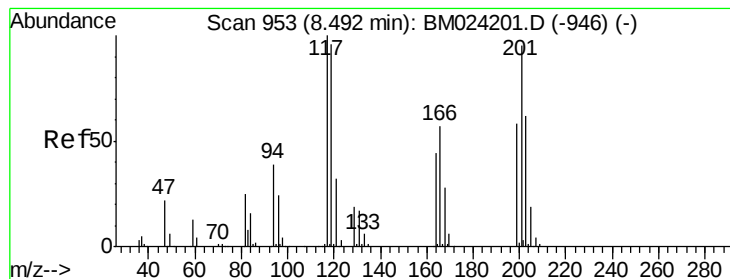
mohammad
12/23/2019 11:55:32 AM



#16
4-Methylphenol
Concen: 19.413 ng/ul
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
108	100		443361		
107	111.6	89.1	133.7		





#17

Hexachloroethane

Concen: 22.567 ng/ul

RT: 8.49 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

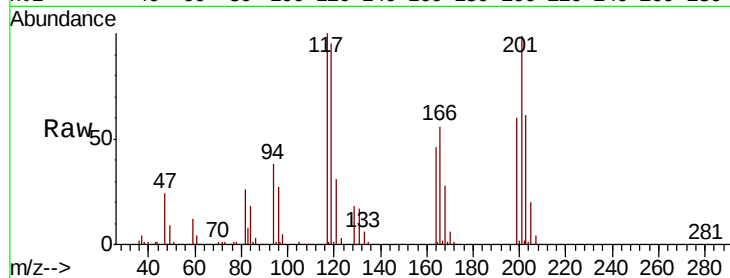
ClientSampleId :

A5167MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	182548		
201	99.2	74.8	112.2	
199	60.3	49.0	73.6	

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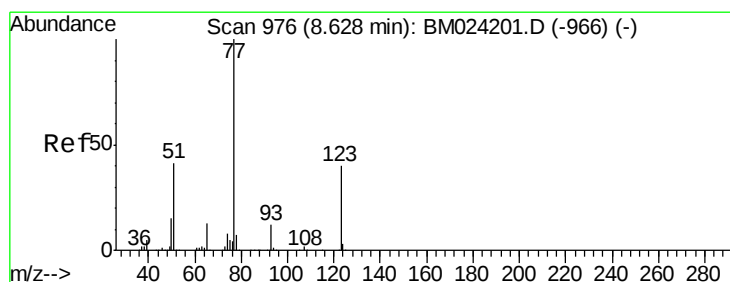
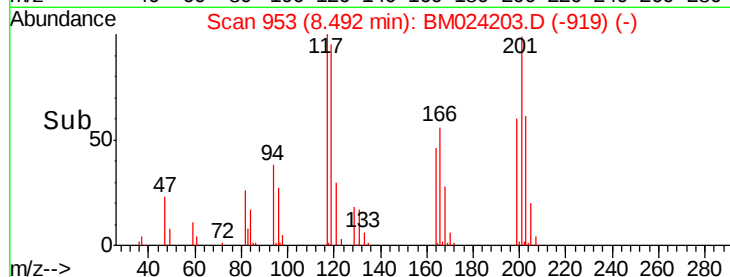
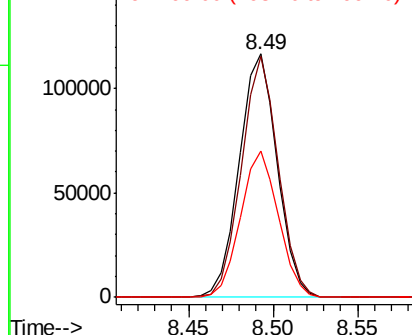


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 21.953 ng/ul

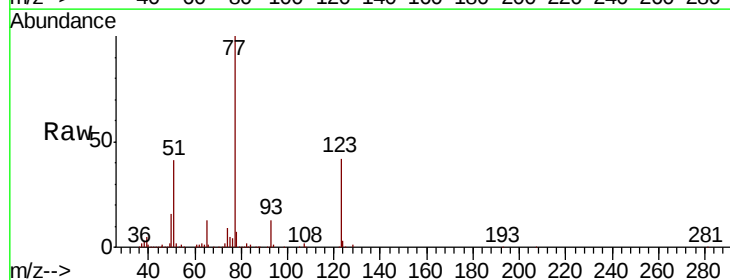
RT: 8.63 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	531092		
123	42.0	32.6	49.0	
65	12.9	9.9	14.9	

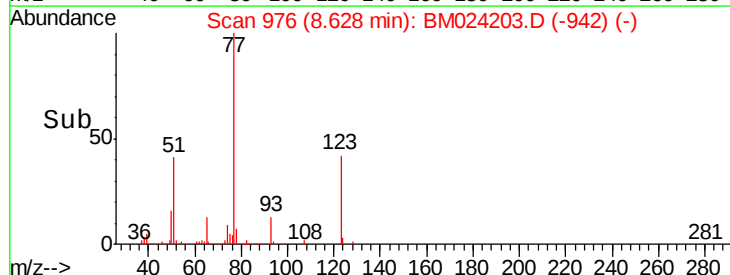
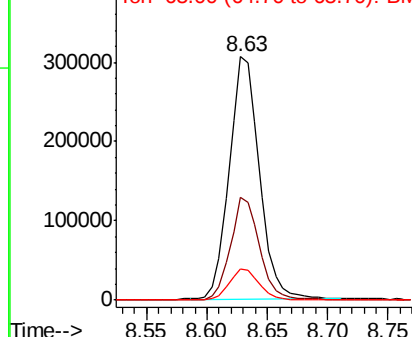


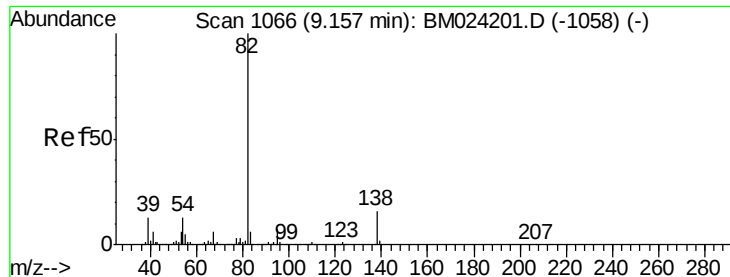
Abundance

Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 22.120 ng/ul

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

ClientSampleId :

A5167MSD

Tot Ion: 82 Resp: 1000228

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

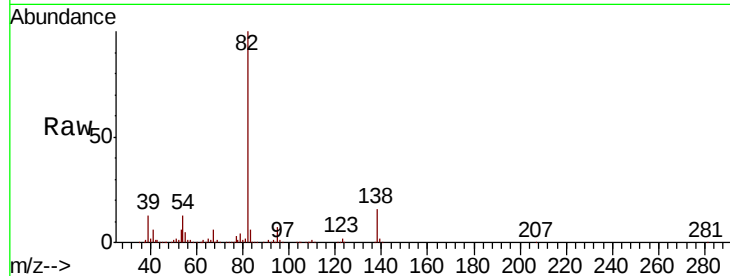
138 15.7 13.0 19.4

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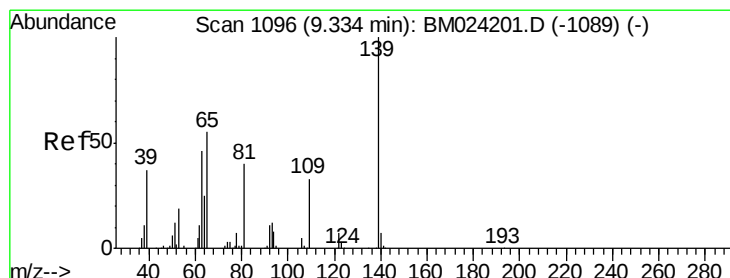
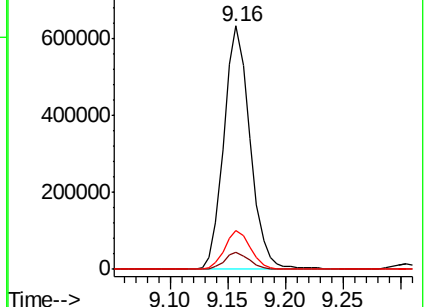
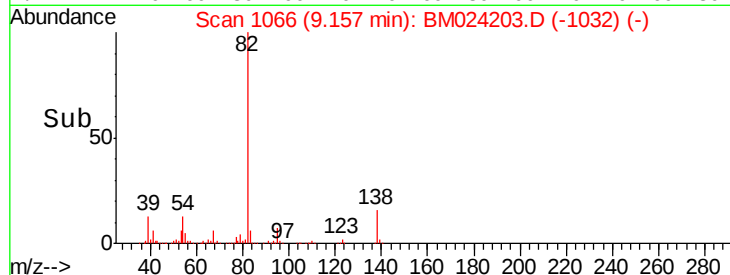
12/23/2019 11:55:32 AM



Abundance Ion 82.00 (81.70 to 82.70): BM024203.D (-1032) (-)

Ion 95.00 (94.70 to 95.70): BM024203.D (-1032) (-)

Ion 138.00 (137.70 to 138.70): BM024203.D (-1032) (-)



#23

2-Nitrophenol

Concen: 23.195 ng/ul

RT: 9.33 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

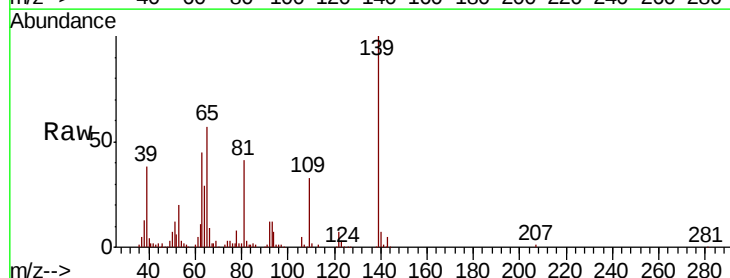
Tgt Ion: 139 Resp: 244370

Ion Ratio Lower Upper

139 100

65 56.8 40.2 60.2

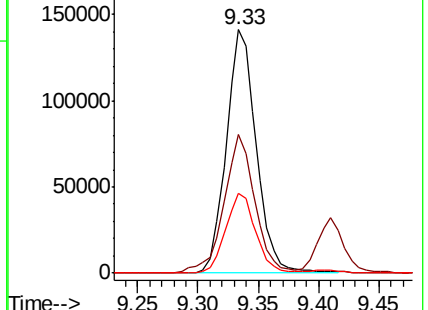
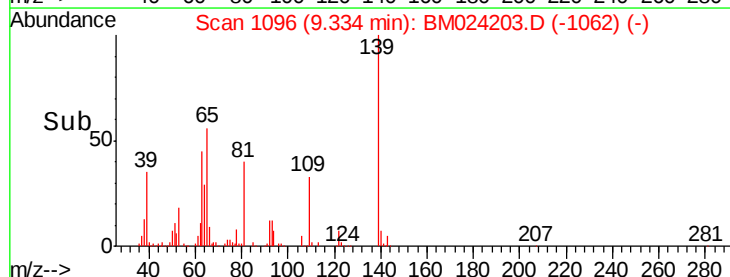
109 32.7 24.6 37.0

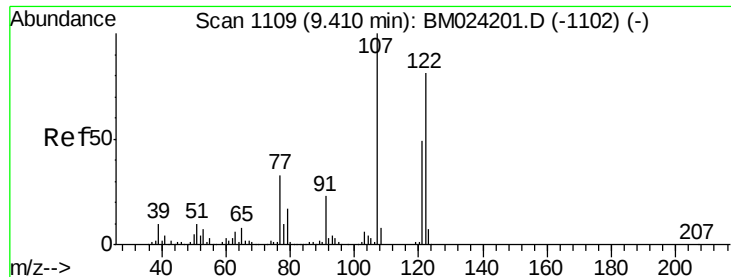


Abundance Ion 139.00 (138.70 to 139.70): BM024203.D (-1062) (-)

Ion 65.00 (64.70 to 65.70): BM024203.D (-1062) (-)

Ion 109.00 (108.70 to 109.70): BM024203.D (-1062) (-)





#24

2,4-Dimethylphenol

Concen: 22.513 ng/ul

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

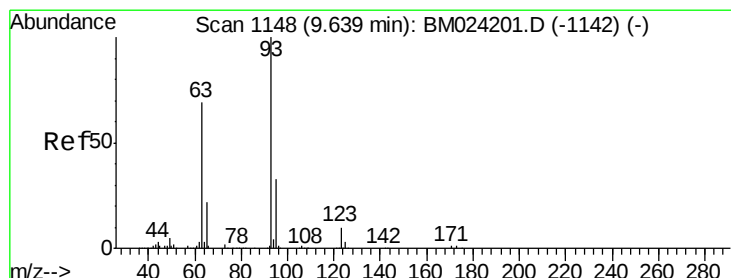
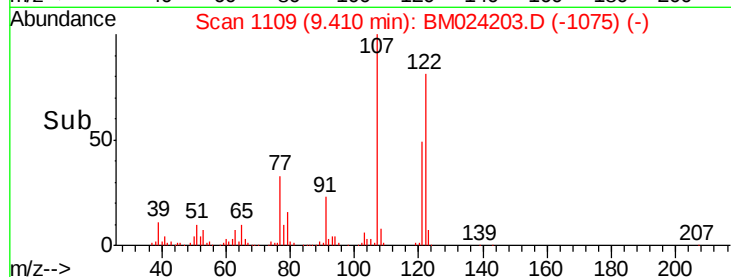
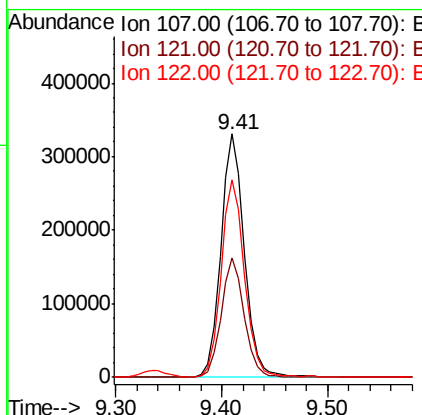
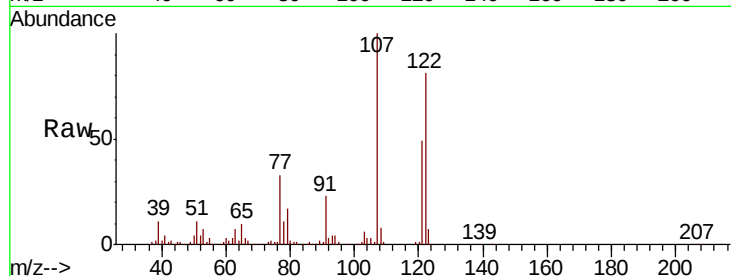
ClientSampleId :

A5167MSD

Tot Ion:	107	Resp:	511649
Ion Ratio	Lower	Upper	
107	100		
121	48.9	38.6	57.8
122	81.3	65.1	97.7

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#25

Bis(2-Chloroethoxy)methane

Concen: 22.493 ng/ul

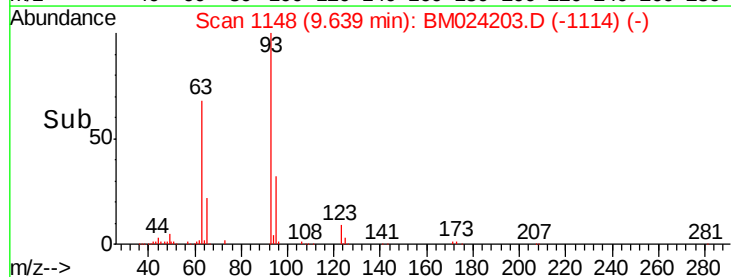
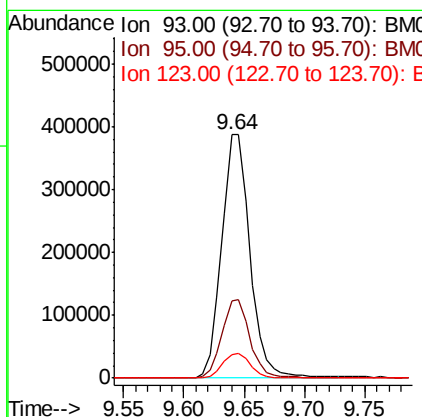
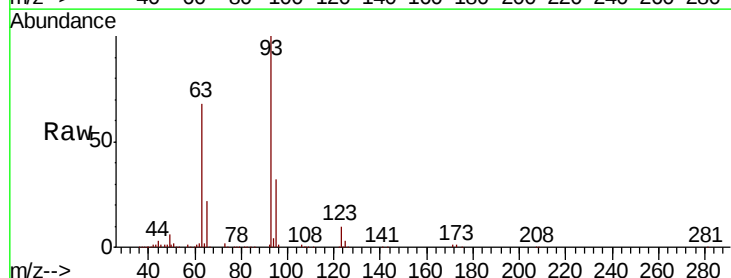
RT: 9.64 min Scan# 1148

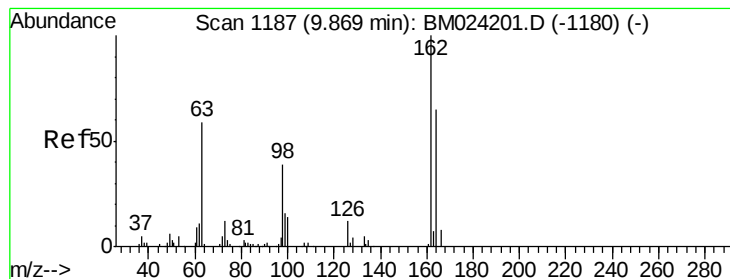
Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Tgt Ion:	93	Resp:	631881
Ion Ratio	Lower	Upper	
93	100		
95	31.7	26.2	39.2
123	9.8	8.5	12.7





#27

2,4-Dichlorophenol

Concen: 22.295 ng/ul

RT: 9.87 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

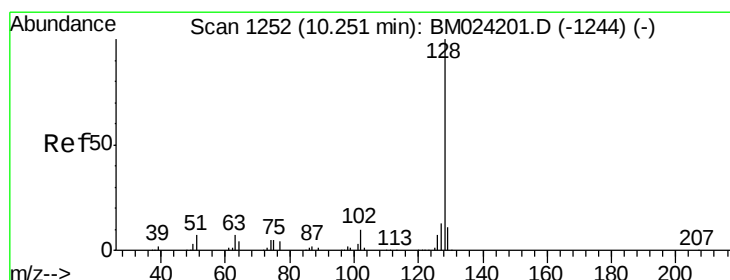
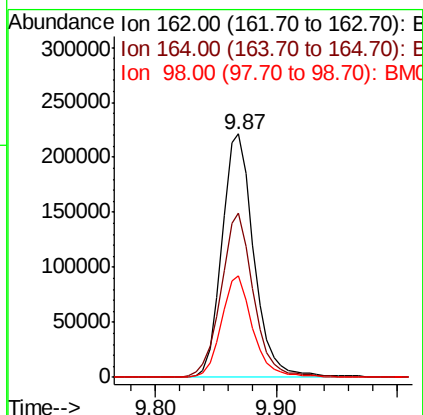
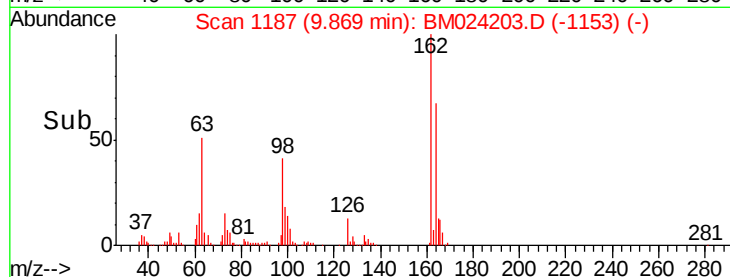
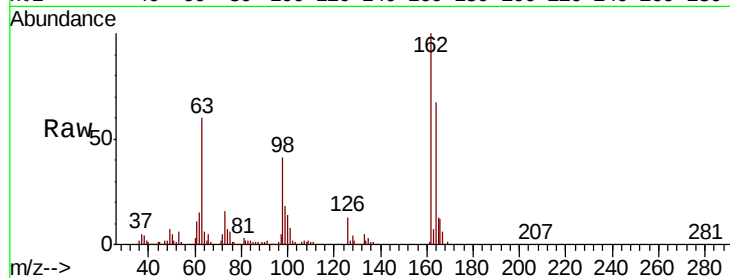
ClientSampleId :

A5167MSD

Tot Ion:	162	Resp:	405939
Ion Ratio	Lower	Upper	
162	100		
164	67.2	51.8	77.6
98	41.5	31.7	47.5

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#28

Naphthalene

Concen: 21.866 ng/ul

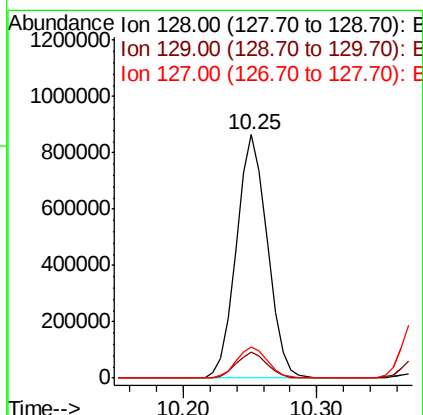
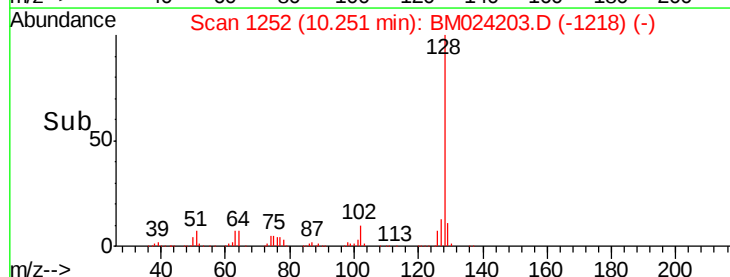
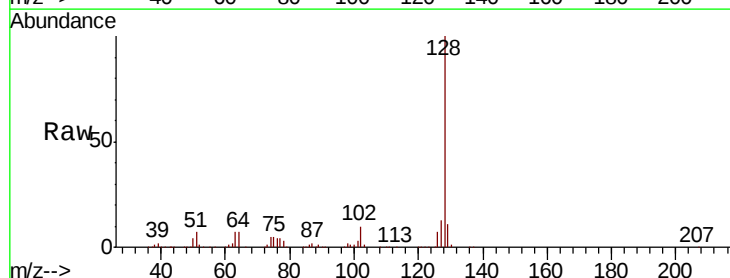
RT: 10.25 min Scan# 1252

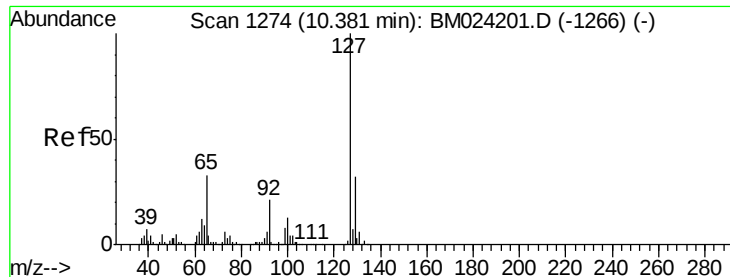
Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Tgt Ion:	128	Resp:	1387862
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	13.0	10.3	15.5





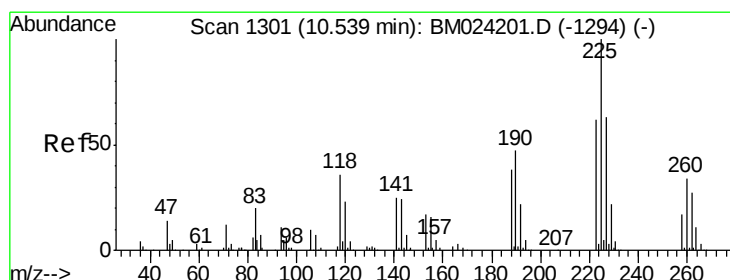
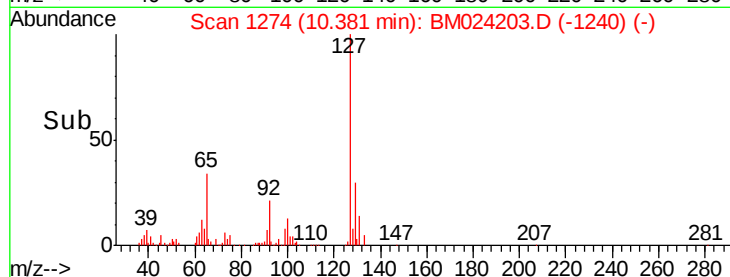
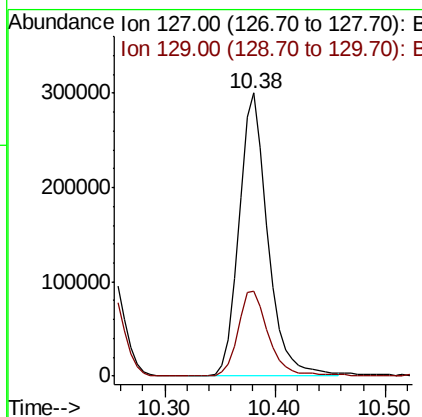
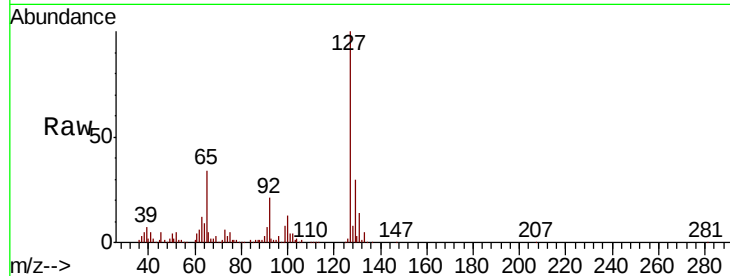
#30
4-Chloroaniline
Concen: 24.100 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9

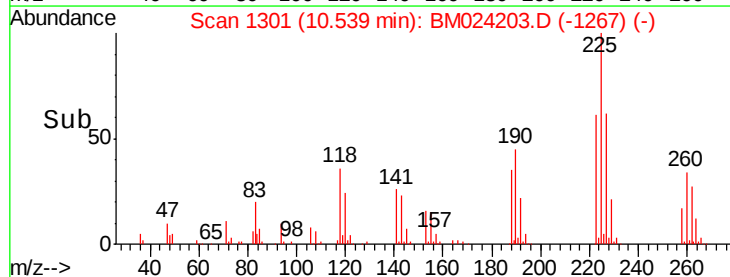
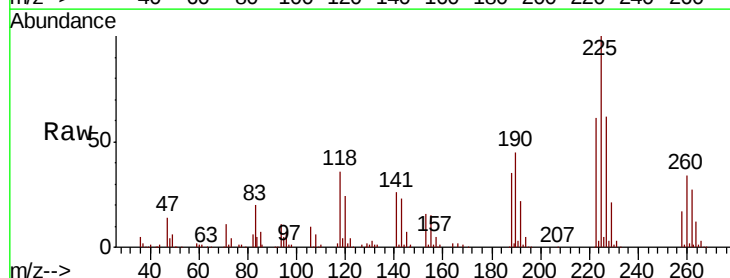
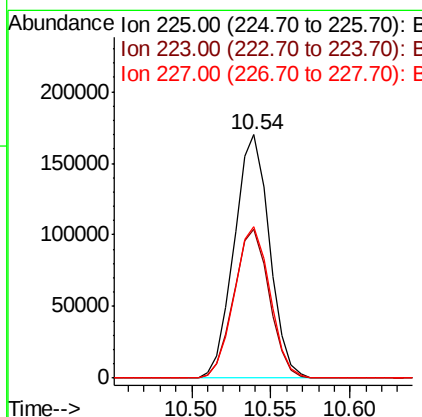
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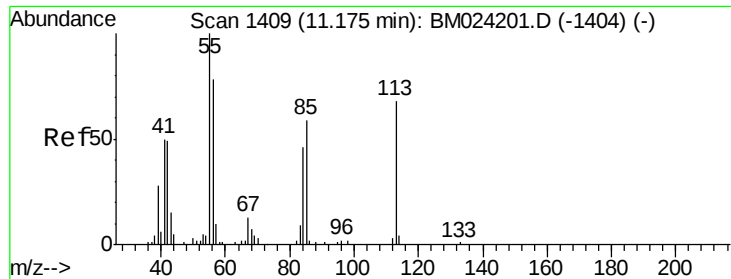
mohammad
12/23/2019 11:55:32 AM



#31
Hexachlorobutadiene
Concen: 23.294 ng/ul
RT: 10.54 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.1	73.7
227	62.4	50.8	76.2





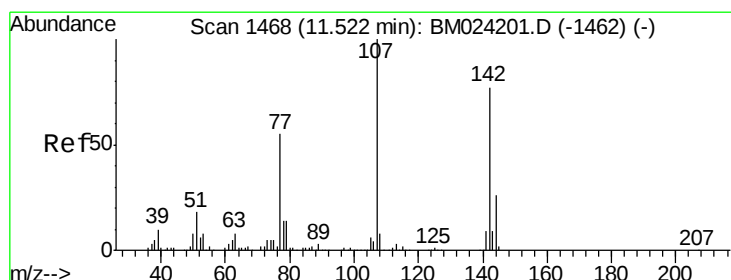
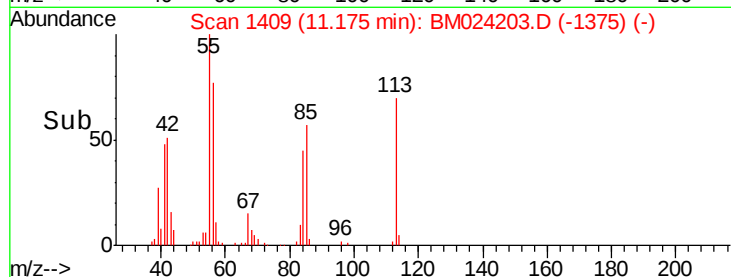
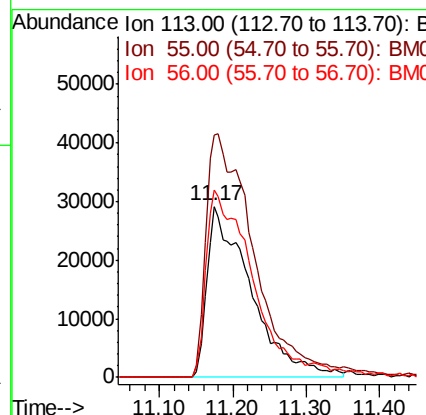
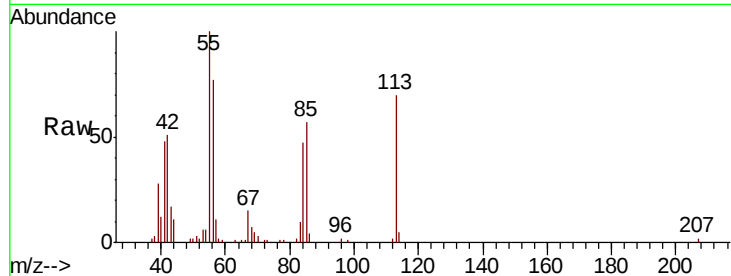
#32
 Caprolactam
 Concen: 17.545 ng/ul m
 RT: 11.17 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	142.0	121.0	181.6	
56	109.5	96.8	145.2	

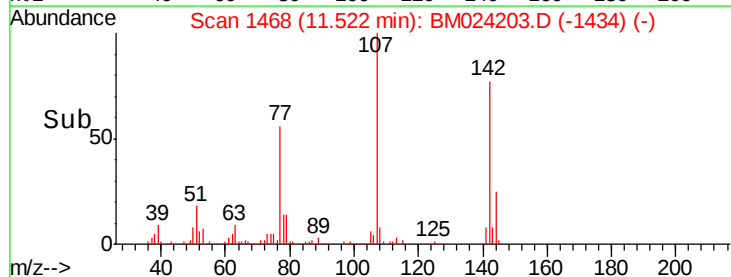
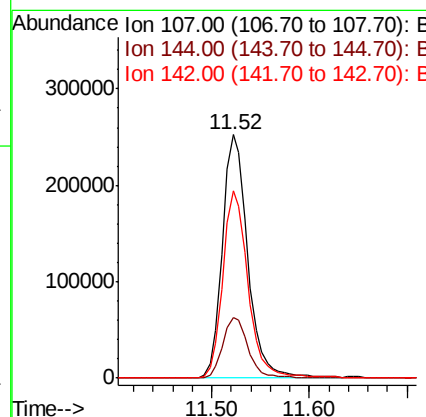
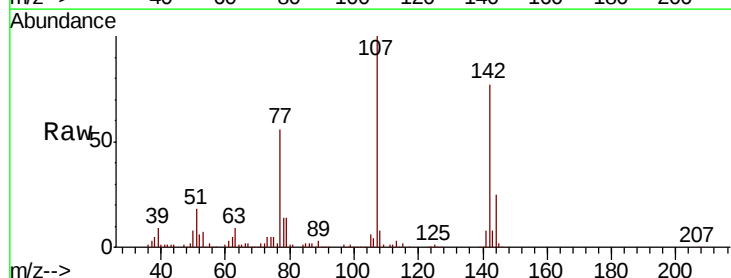
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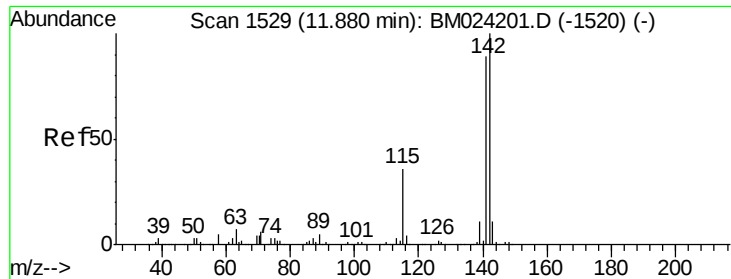
mohammad
 12/23/2019 11:55:32 AM



#33
 4-Chloro-3-methylphenol
 Concen: 20.950 ng/ul
 RT: 11.52 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.1	19.8	29.8	
142	76.9	63.3	94.9	





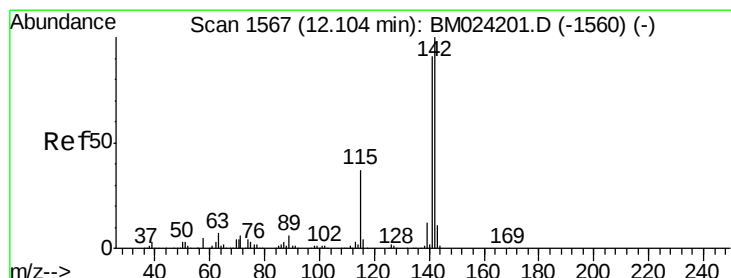
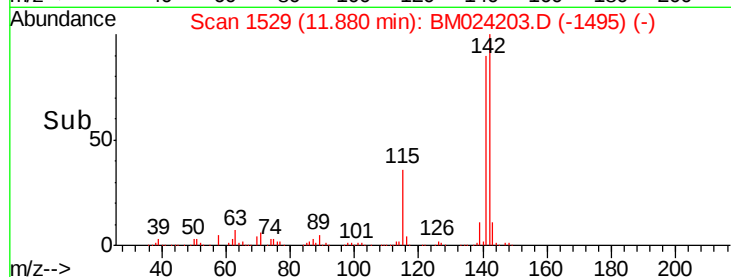
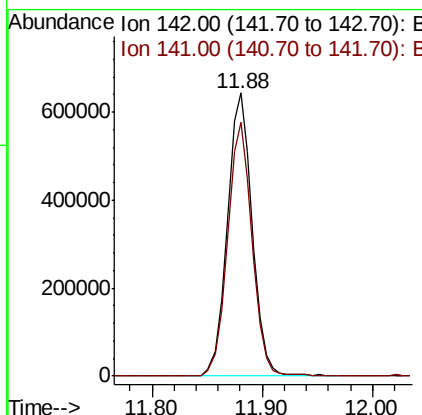
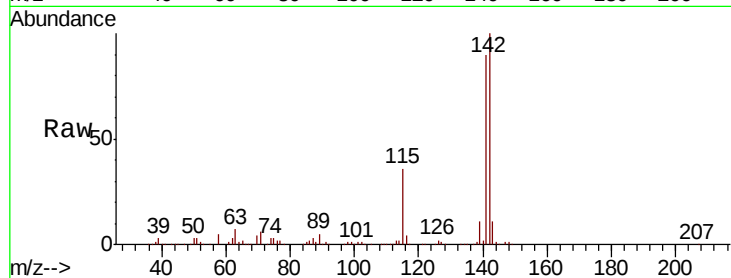
#34
2-Methylnaphthalene
Concen: 22.288 ng/ul
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion:142 Resp: 1011185
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3

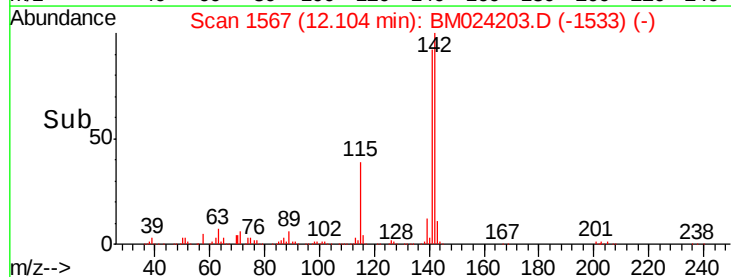
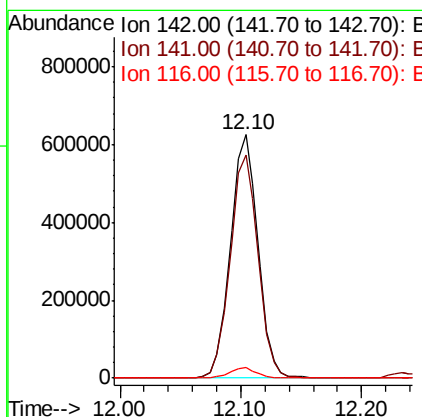
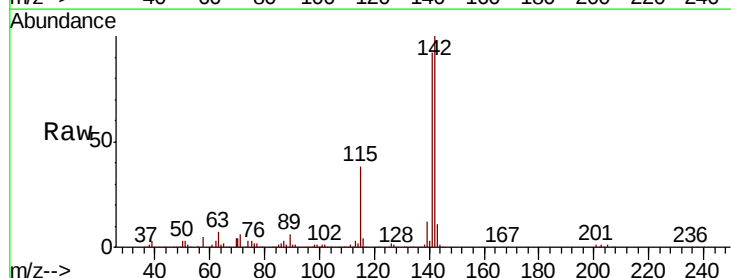
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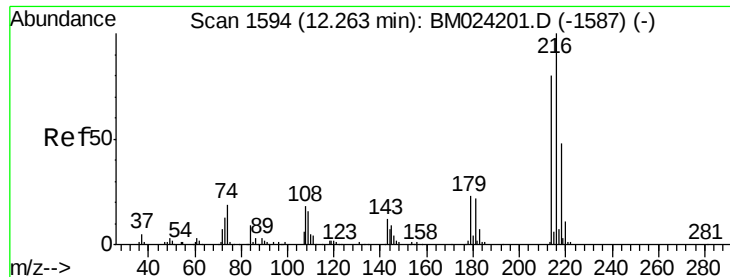
mohammad
12/23/2019 11:55:32 AM



#35
1-Methylnaphthalene
Concen: 21.274 ng/ul
RT: 12.10 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:142 Resp: 985135
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1
116 4.2 3.0 4.6





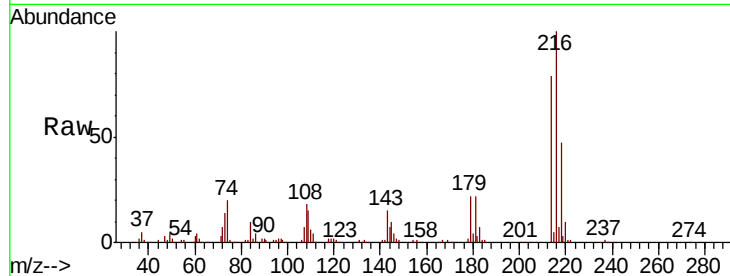
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.318 ng/ul
 RT: 12.26 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	496505		
214	78.6	62.7	94.1	
179	22.2	17.6	26.4	
108	18.2	14.8	22.2	

Manual Integrations
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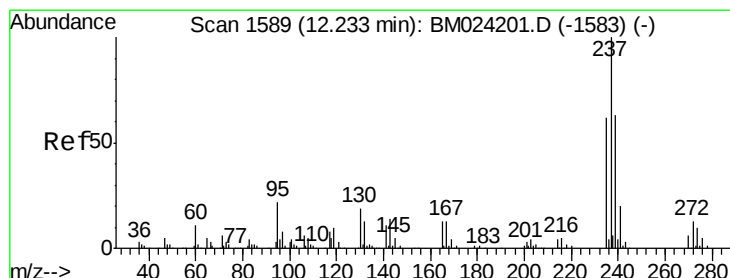
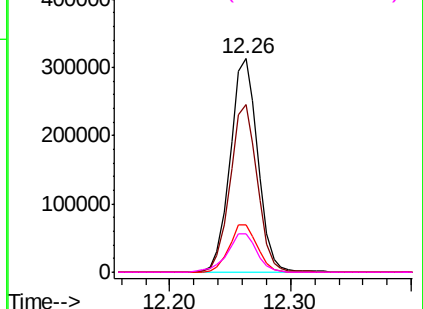
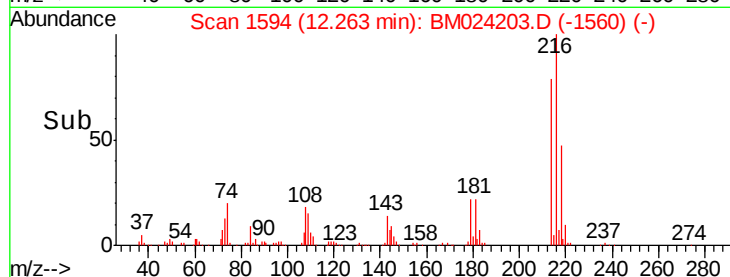
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

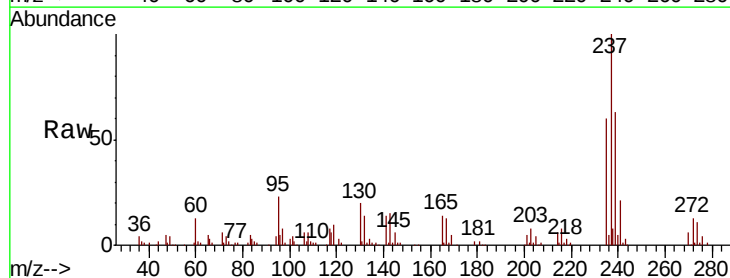
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38
 Hexachlorocyclopentadiene
 Concen: 15.999 ng/ul
 RT: 12.23 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	147188		
235	59.6	46.9	70.3	
272	13.7	11.0	16.4	

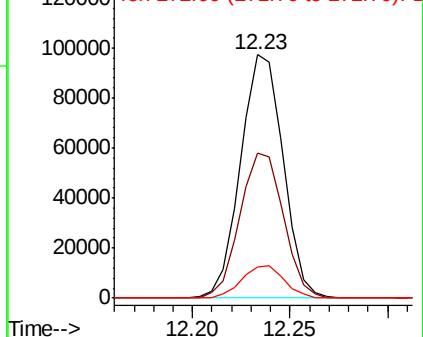
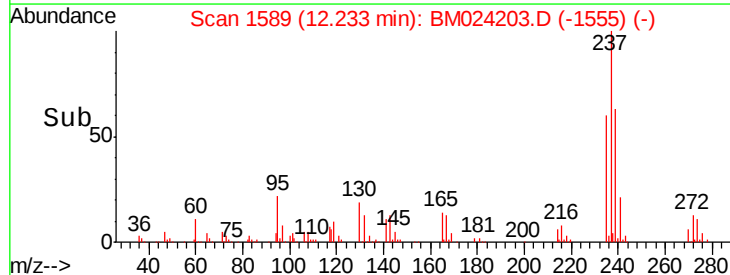


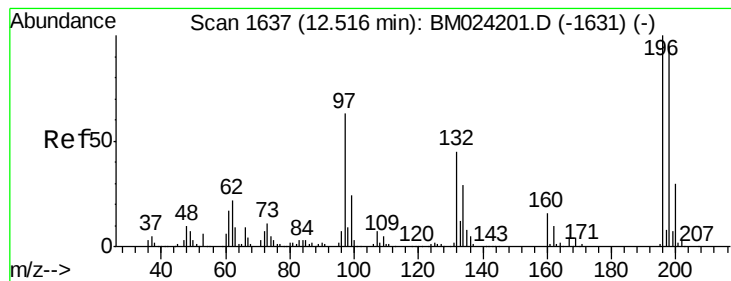
Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





#39

2,4,6-Trichlorophenol

Concen: 22.880 ng/ul

RT: 12.52 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

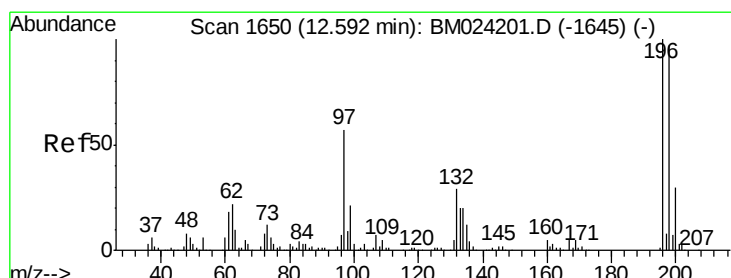
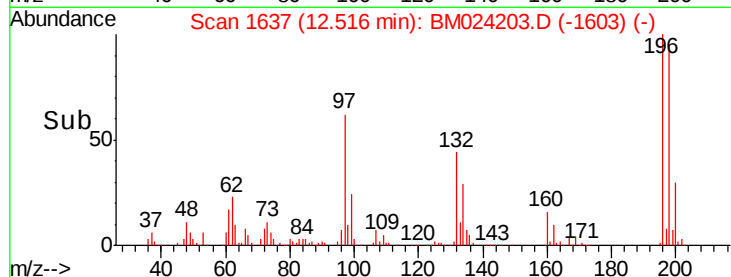
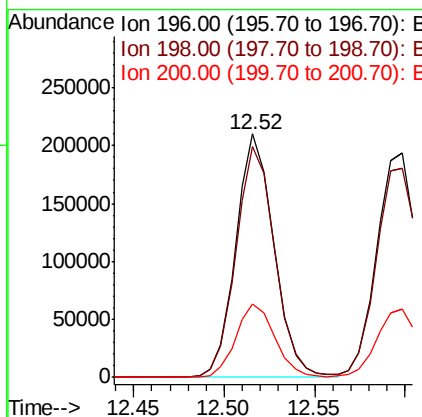
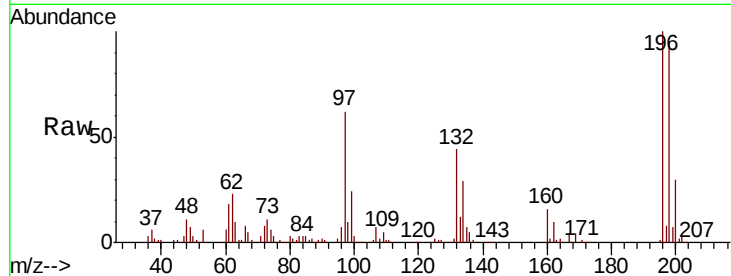
ClientSampleId :

A5167MSD

Tot Ion:	196	Resp:	308952
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.9	115.3
200	30.2	23.8	35.6

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#40

2,4,5-Trichlorophenol

Concen: 22.395 ng/ul

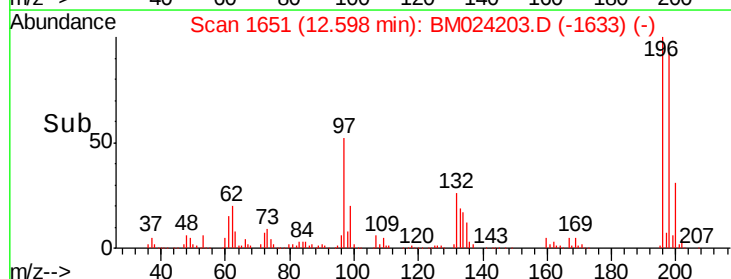
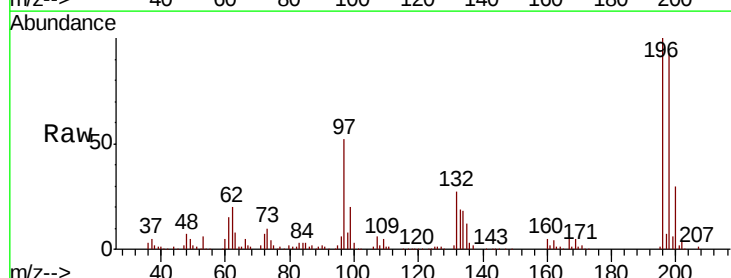
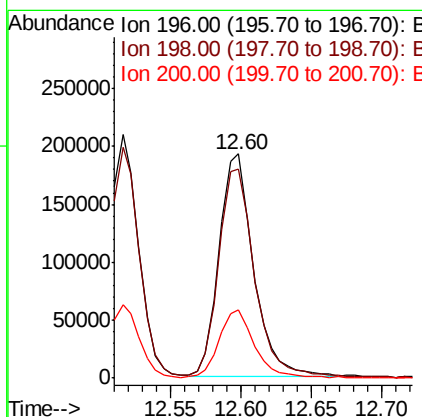
RT: 12.60 min Scan# 1651

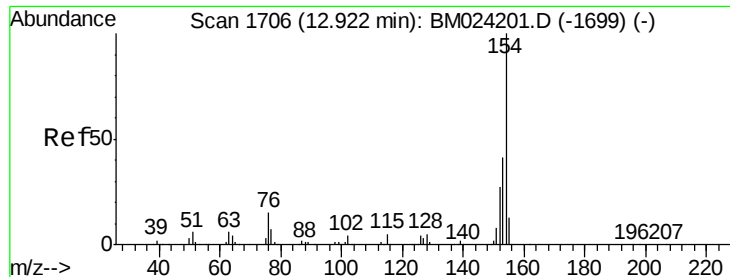
Delta R.T. 0.01 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Tgt Ion:	196	Resp:	325989
Ion Ratio	Lower	Upper	
196	100		
198	93.2	75.0	112.4
200	30.4	23.6	35.4





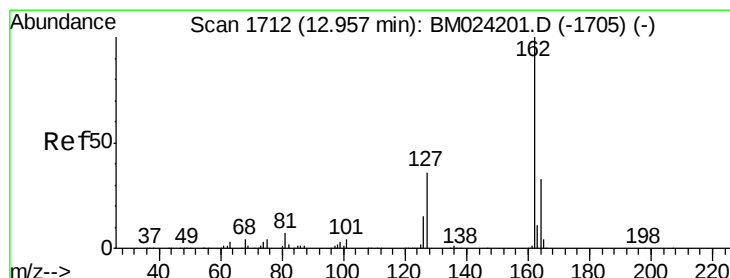
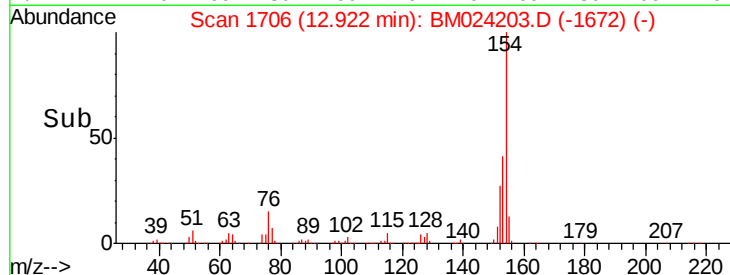
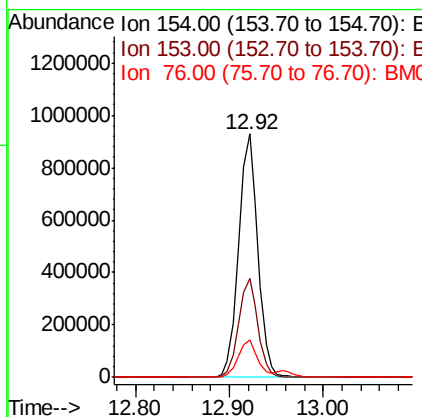
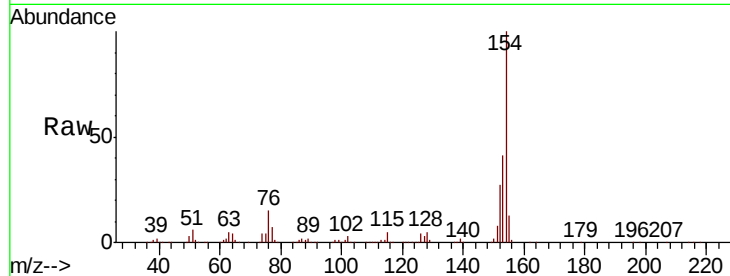
#41
 1,1'-Biphenyl
 Concen: 23.340 ng/ul
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.2	48.4
76	15.3	12.2	18.2

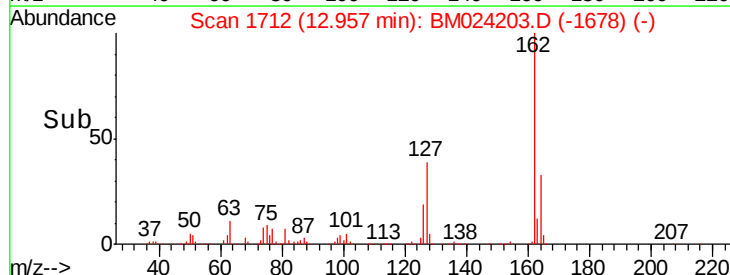
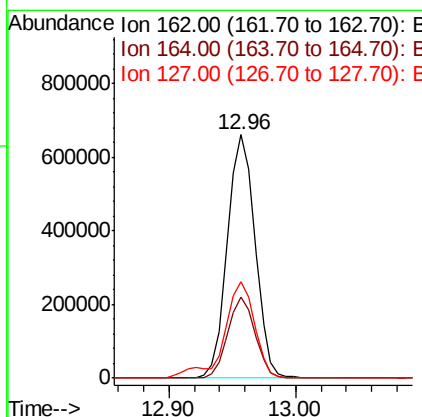
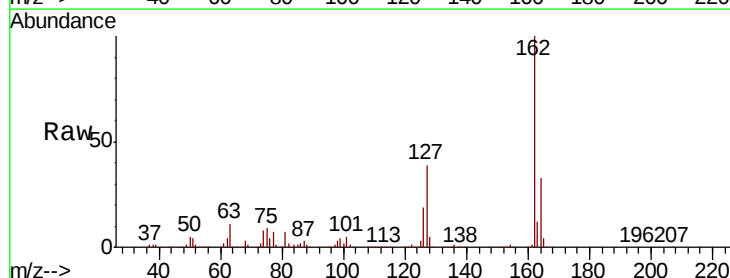
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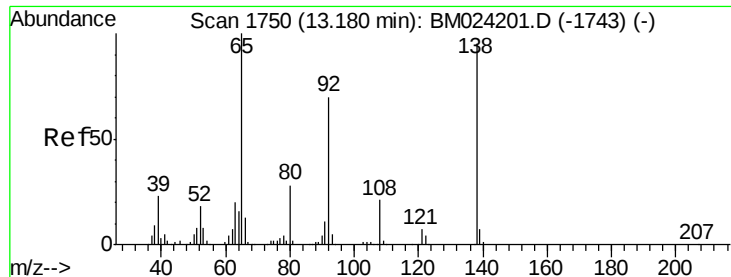
mohammad
 12/23/2019 11:55:32 AM



#42
 2-Chloronaphthalene
 Concen: 22.550 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.1	25.9	38.9
127	39.5	31.4	47.2





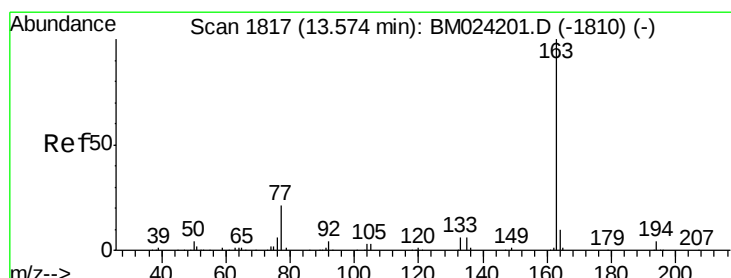
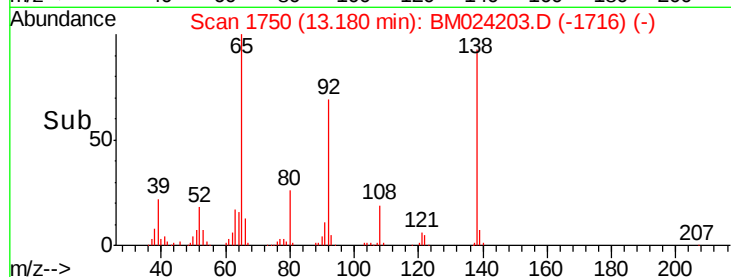
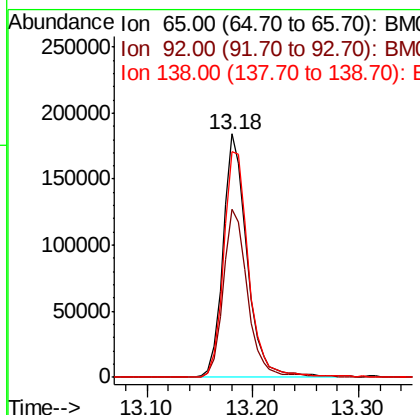
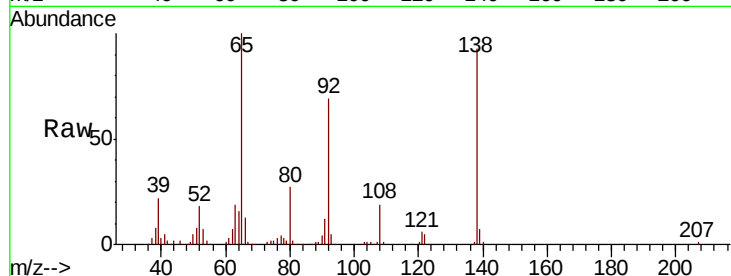
#43
2-Nitroaniline
Concen: 22.114 ng/ul
RT: 13.18 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	287191		
92	69.2	56.7	85.1	
138	92.5	81.0	121.4	

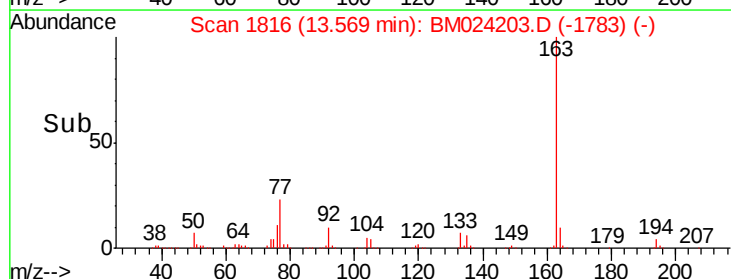
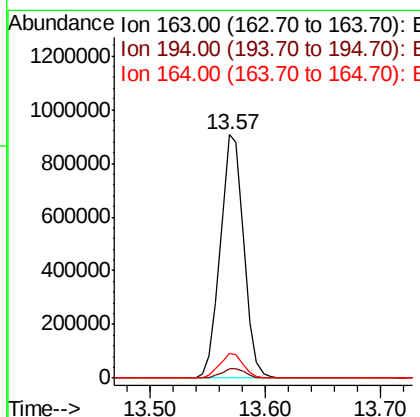
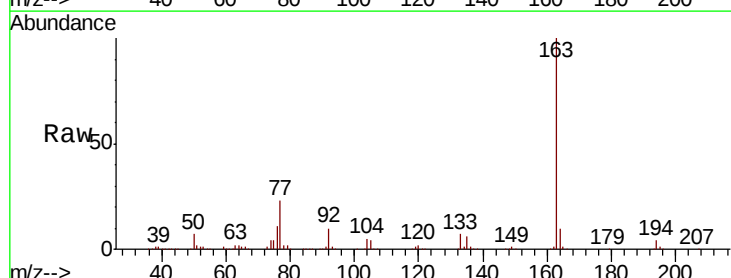
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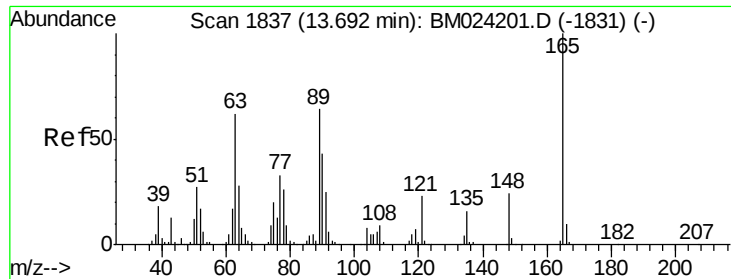
mohammad
12/23/2019 11:55:32 AM



#45
Dimethylphthalate
Concen: 21.891 ng/ul
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	1270689		
194	3.8	3.2	4.8	
164	10.1	7.8	11.6	





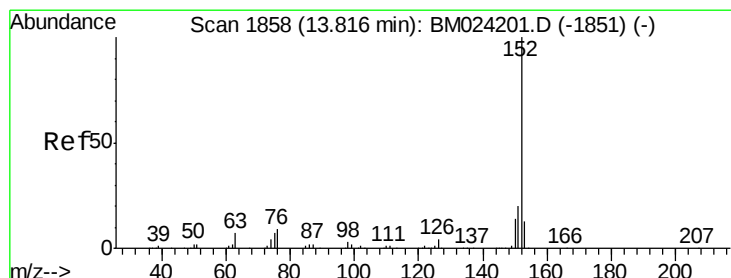
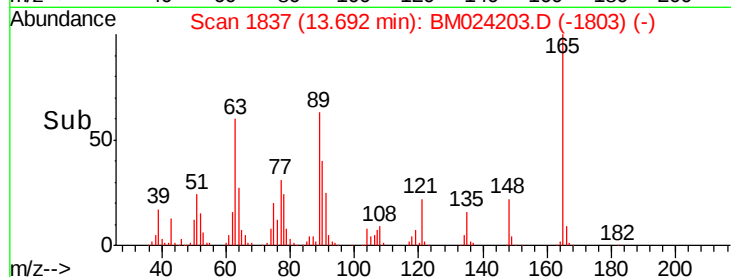
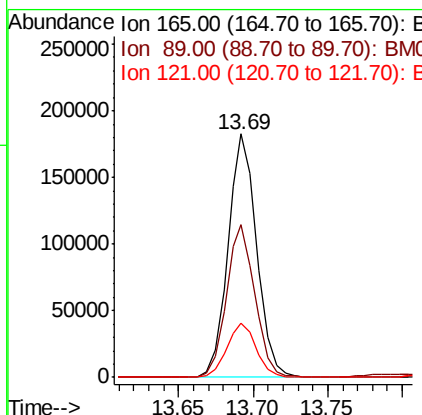
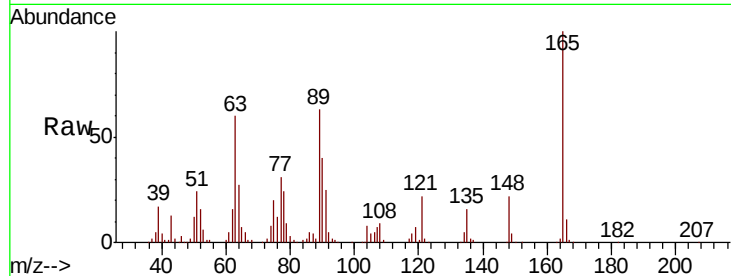
#46
2,6-Dinitrotoluene
Concen: 21.489 ng/ul
RT: 13.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Lower	Upper
165	100		
89	62.7	47.0	70.4
121	22.5	17.1	25.7

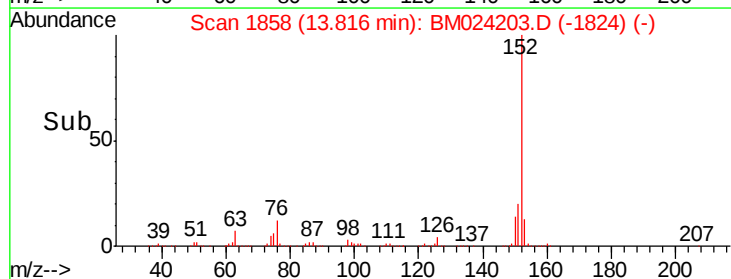
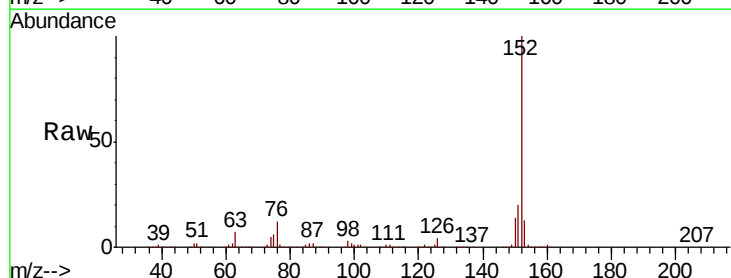
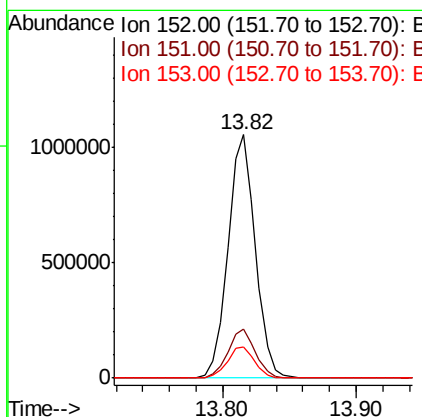
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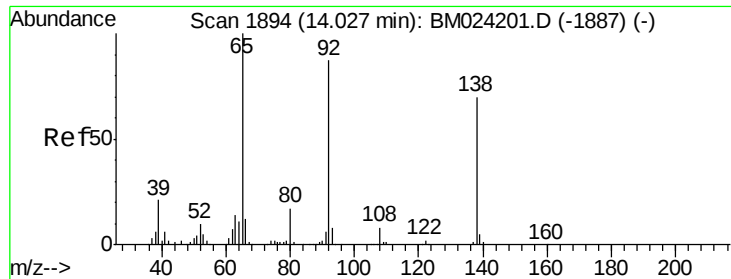
mohammad
12/23/2019 11:55:32 AM



#48
Acenaphthylene
Concen: 21.209 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.0	10.6	16.0





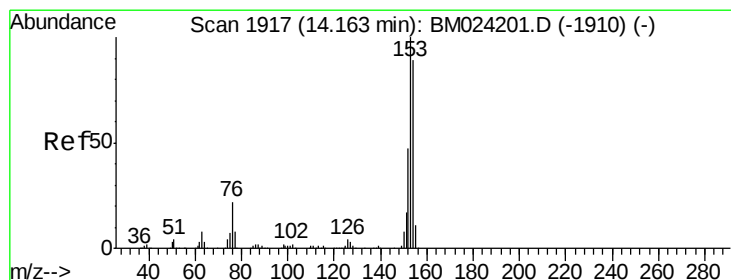
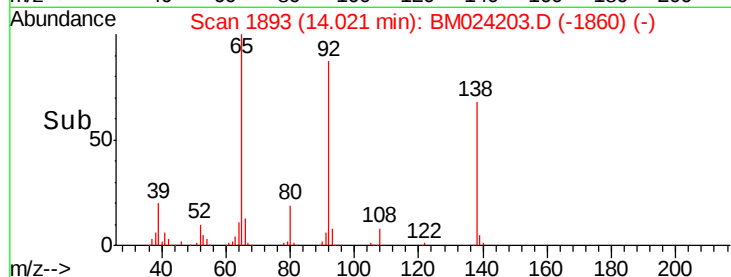
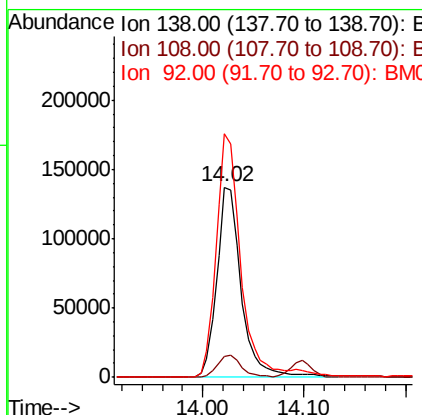
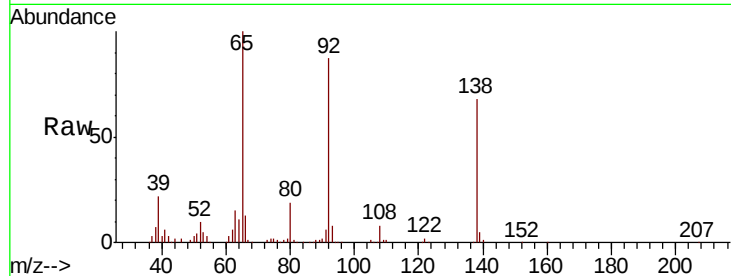
#49
3-Nitroaniline
Concen: 21.211 ng/ul
RT: 14.02 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.8	13.2
92	127.9	97.3	145.9

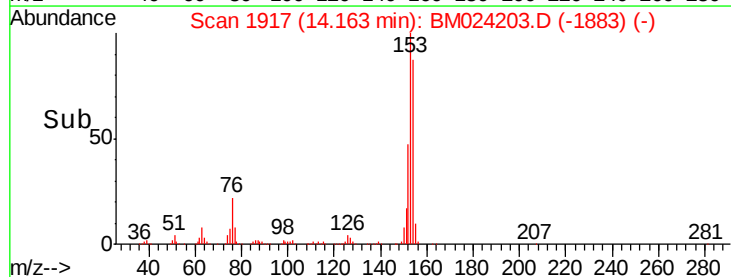
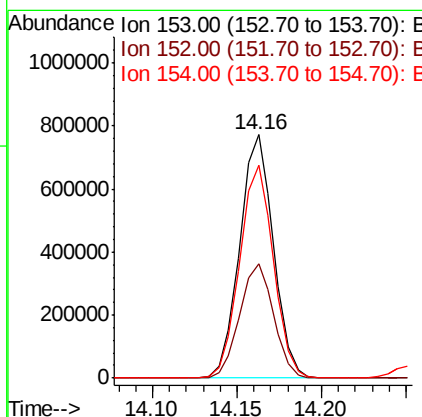
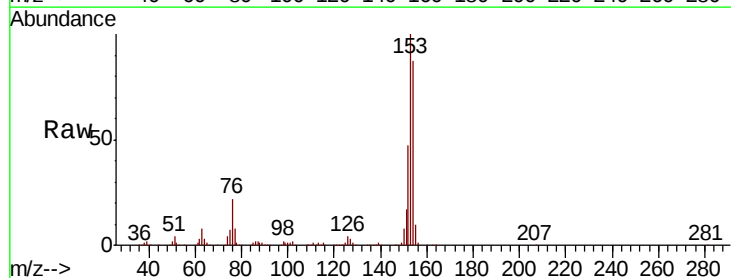
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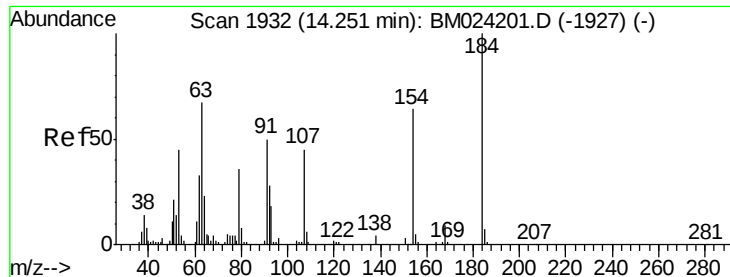
mohammad
12/23/2019 11:55:32 AM



#50
Acenaphthene
Concen: 21.990 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.8	56.6
154	87.4	71.1	106.7





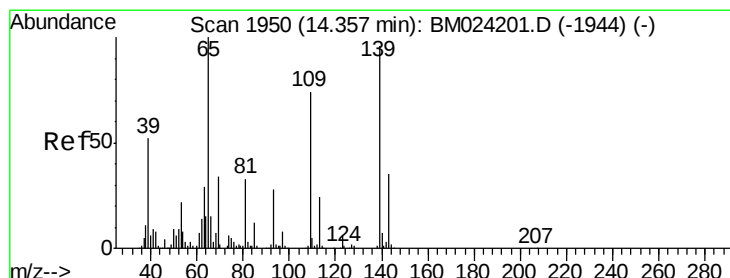
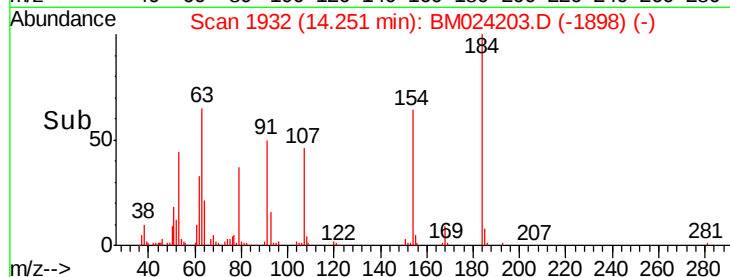
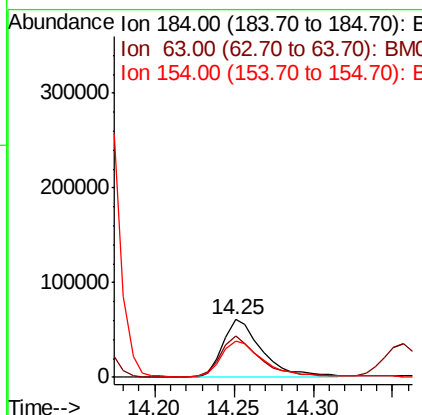
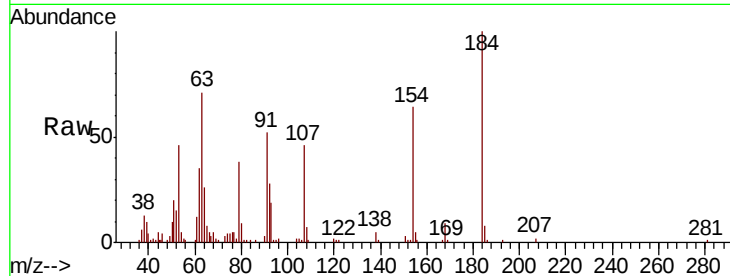
#51
2,4-Dinitrophenol
Concen: 16.593 ng/ul
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	106618		
63	71.0	57.0	85.6	
154	64.1	51.0	76.4	

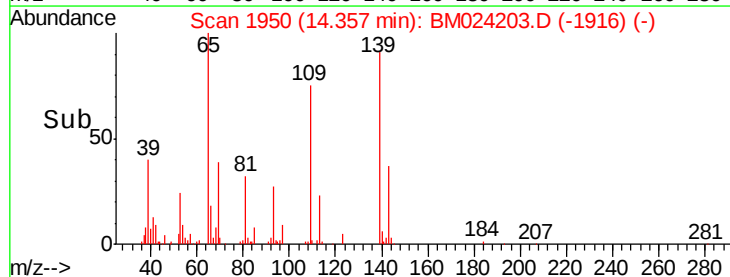
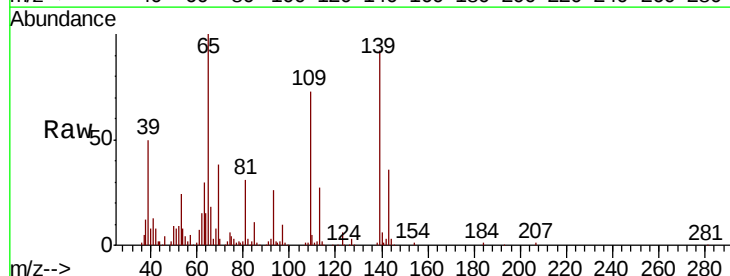
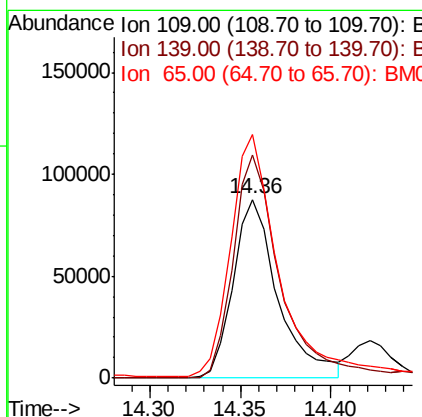
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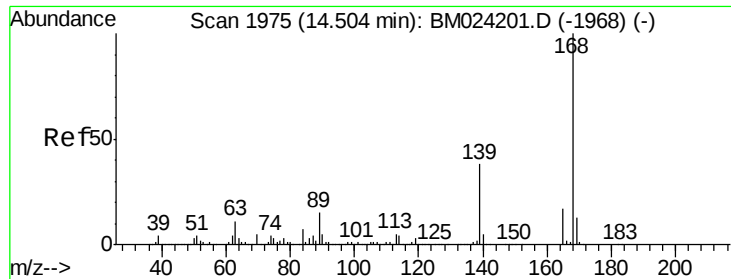
mohammad
12/23/2019 11:55:32 AM



#53
4-Nitrophenol
Concen: 18.935 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	151407		
139	124.8	105.0	157.4	
65	136.2	113.0	169.4	





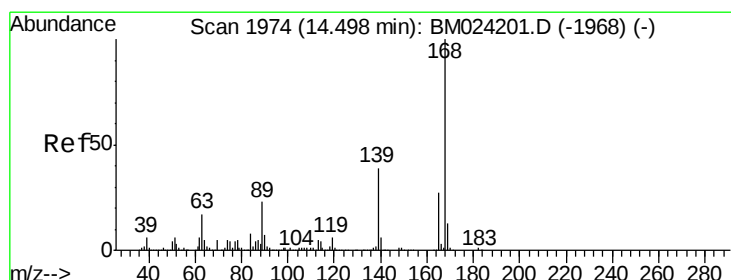
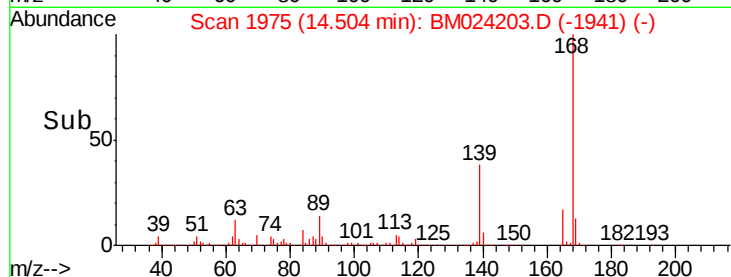
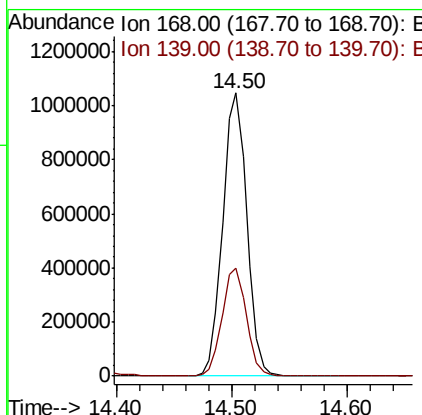
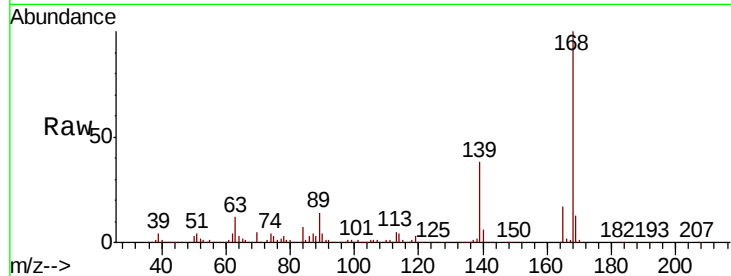
#54
Dibenzenofuran
Concen: 22.329 ng/ul
RT: 14.50 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampled :
A5167MSD

Tot Ion:168 Resp: 1516487
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6

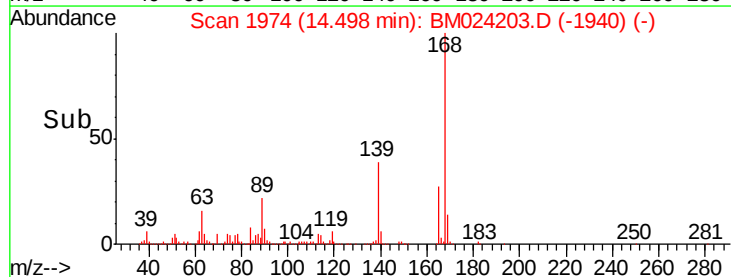
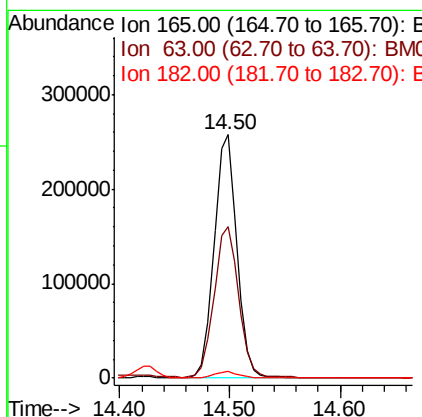
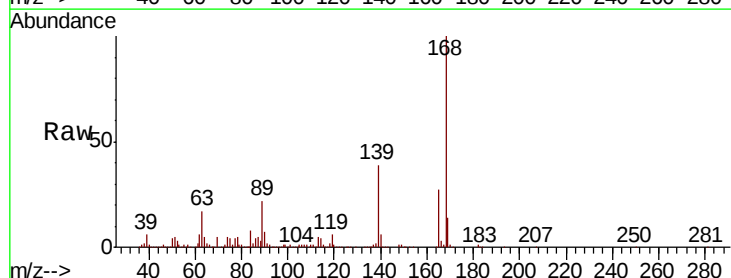
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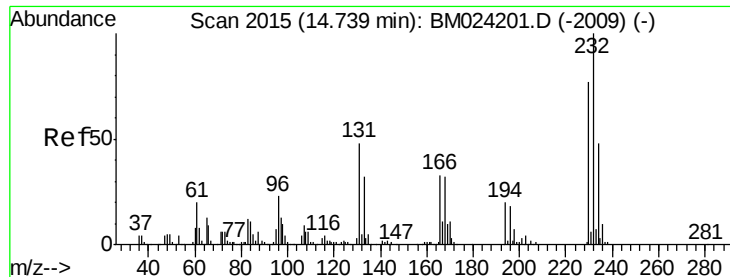
mohammad
12/23/2019 11:55:32 AM



#55
2,4-Dinitrotoluene
Concen: 21.253 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:165 Resp: 366993
Ion Ratio Lower Upper
165 100
63 62.4 43.6 65.4
182 2.9 2.3 3.5





#56

2,3,4,6-Tetrachlorophenol

Concen: 22.154 ng/ul

RT: 14.74 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

ClientSampleId :

A5167MSD

Tot Ion:232 Resp: 291548
Ion Ratio Lower Upper

232 100

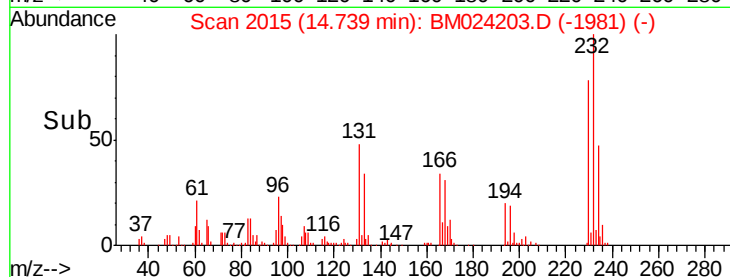
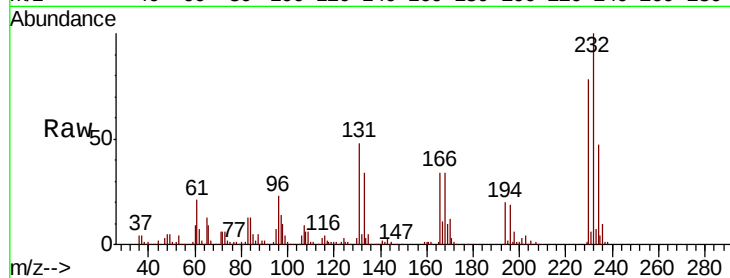
131 48.0 36.4 54.6

130 2.6 1.9 2.9

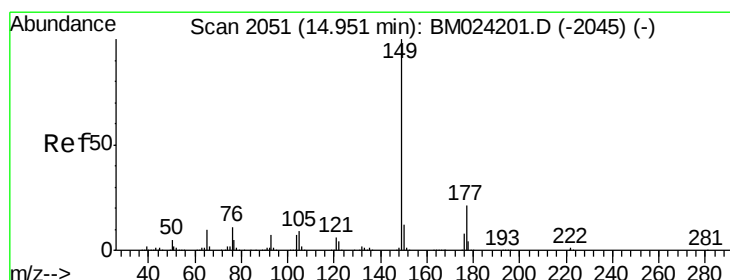
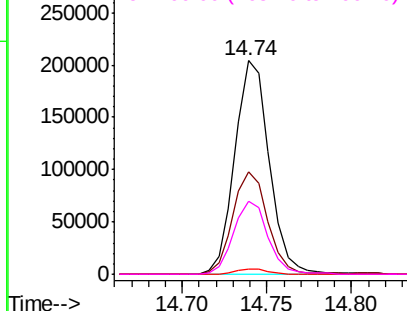
166 34.2 25.6 38.4

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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 22.496 ng/ul

RT: 14.95 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BM024203.D

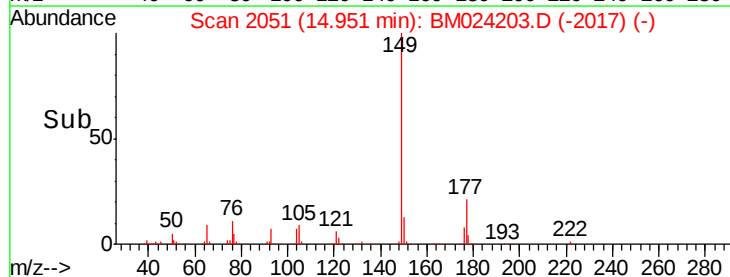
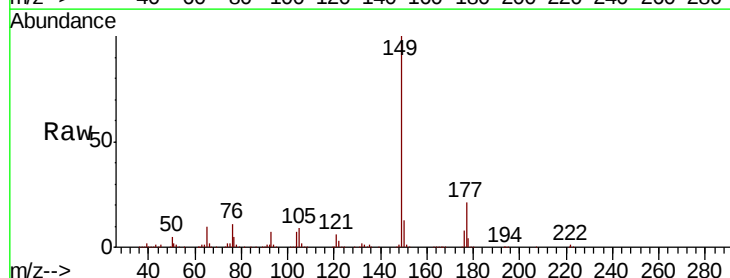
Acq: 20 Dec 2019 14:52

Tgt Ion:149 Resp: 1327566
Ion Ratio Lower Upper

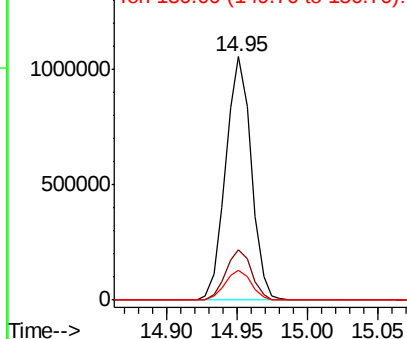
149 100

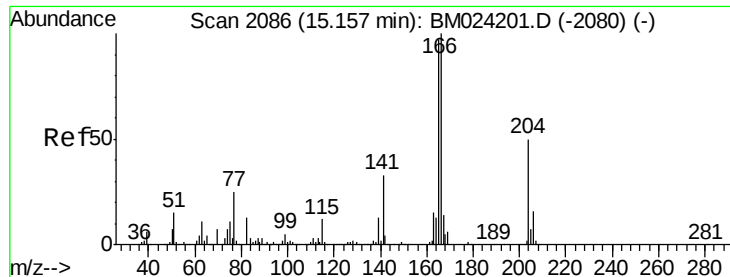
177 20.8 17.1 25.7

150 12.5 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 21.387 ng/ul

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

ClientSampleId :

A5167MSD

Tot Ion:166 Resp: 1226644

Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

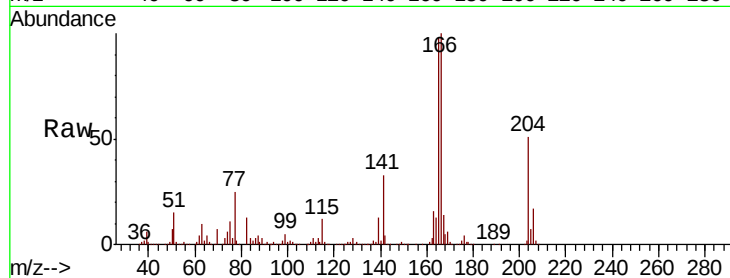
167 13.7 10.4 15.6

Manual Integrations

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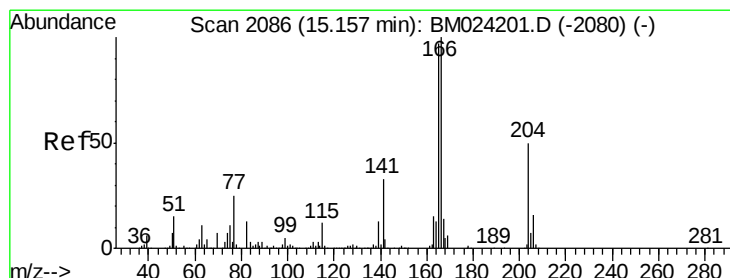
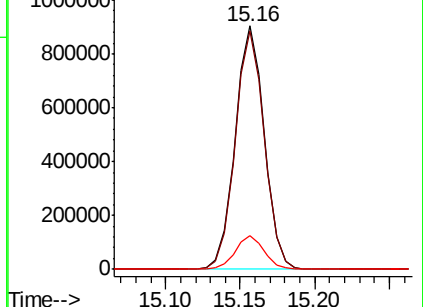
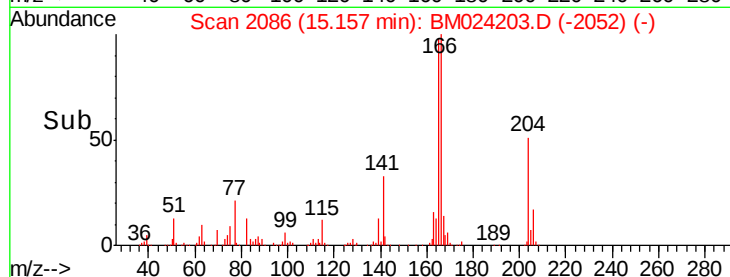
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 21.980 ng/ul

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

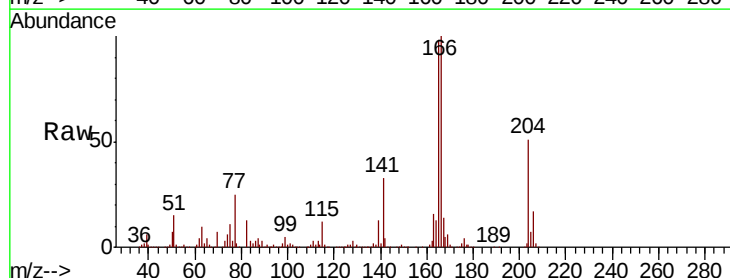
Tgt Ion:204 Resp: 613015

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

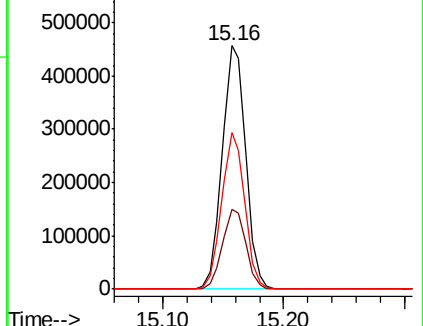
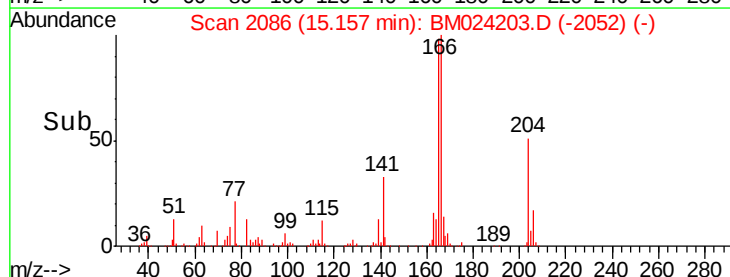
141 64.6 48.0 72.0

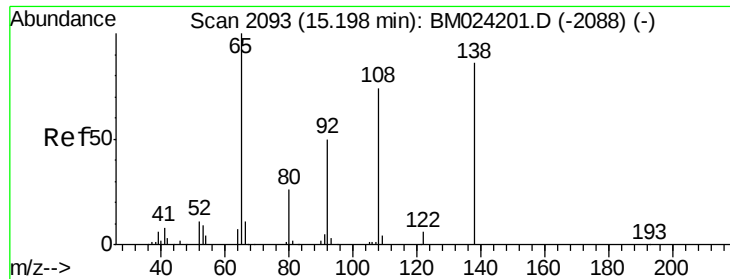


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 18.563 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

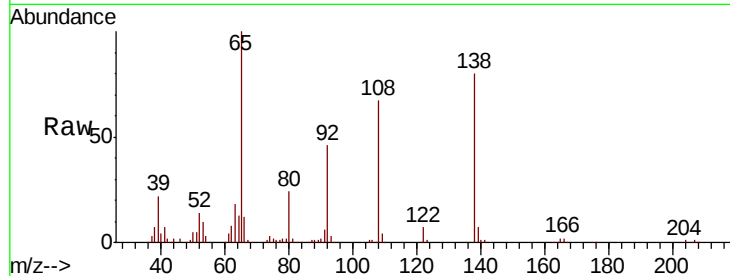
ClientSampleId :

A5167MSD

Tot Ion:	138	Resp:	222425
Ion Ratio	Lower	Upper	
138	100		
92	56.8	44.5	66.7
108	82.9	65.8	98.8

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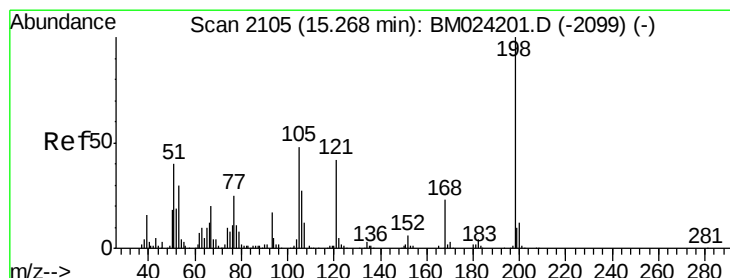
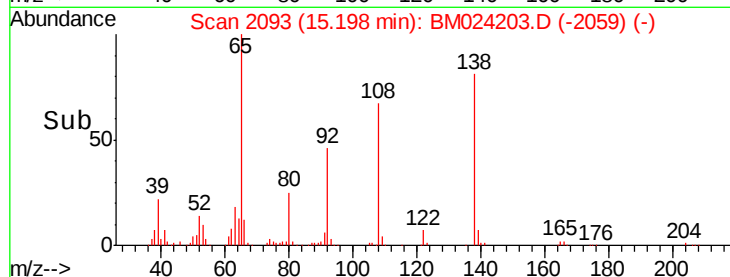
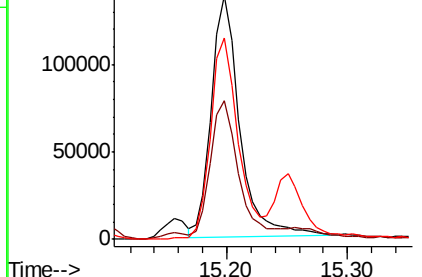
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 20.443 ng/ul

RT: 15.27 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM024203.D

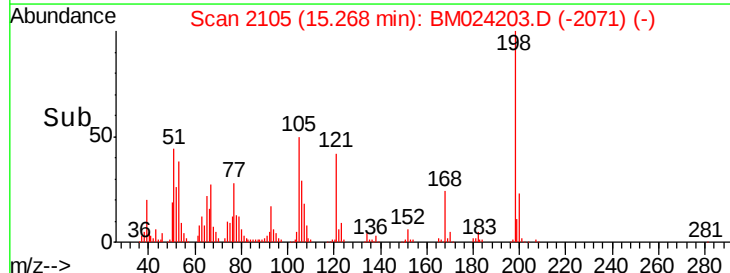
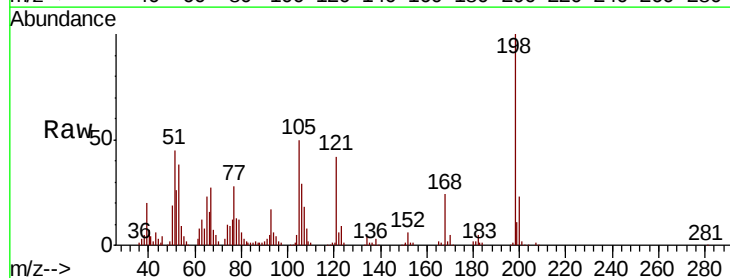
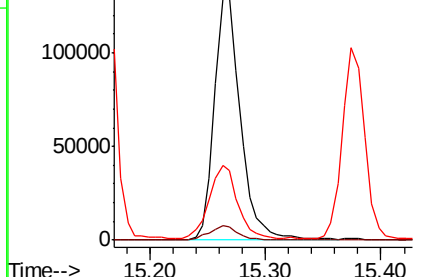
Acq: 20 Dec 2019 14:52

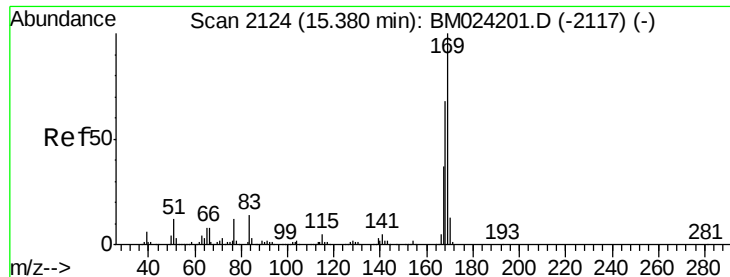
Tgt Ion:	198	Resp:	207428
Ion Ratio	Lower	Upper	
198	100		
182	5.4	4.1	6.1
77	28.3	21.9	32.9

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM





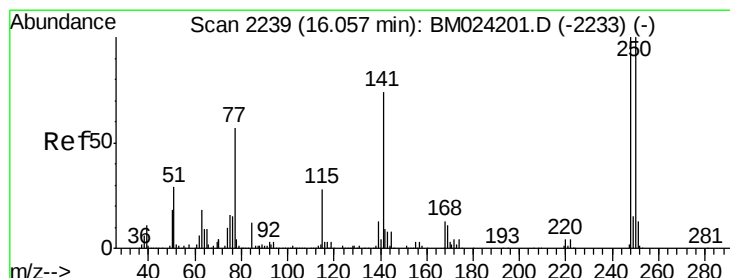
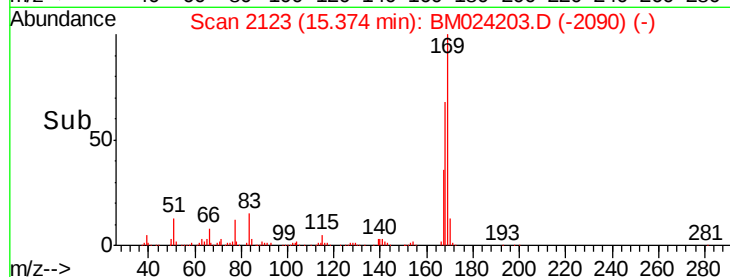
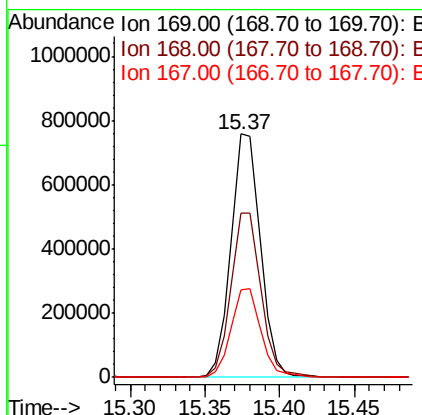
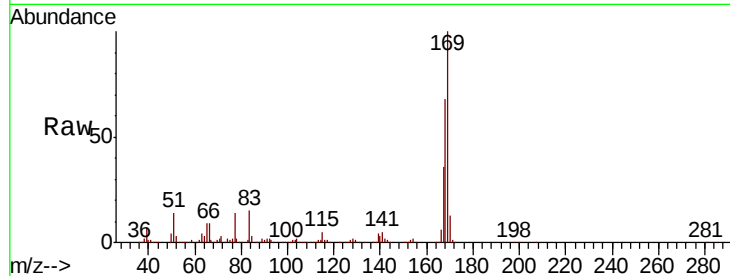
#65
N-Nitrosodiphenylamine
Concen: 23.371 ng/ul
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.0	28.7	43.1

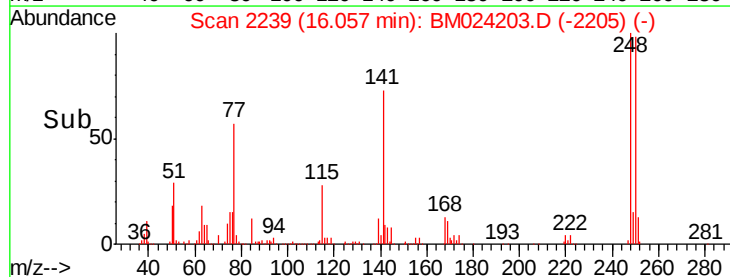
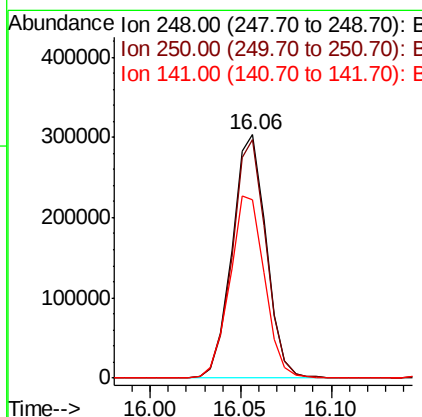
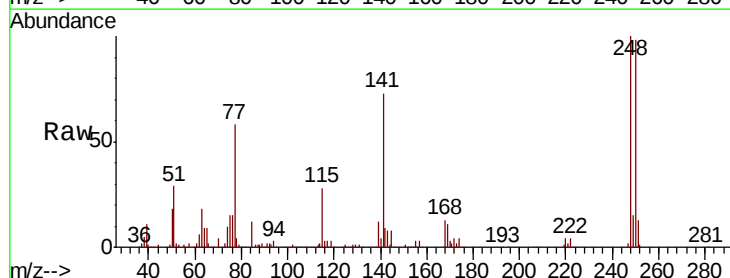
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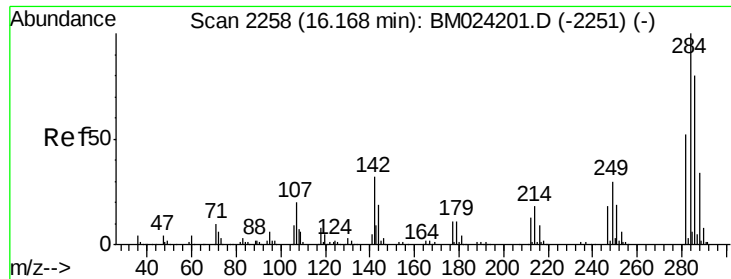
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#66
4-Bromophenyl-phenylether
Concen: 23.930 ng/ul
RT: 16.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.9	118.3
141	73.0	60.3	90.5





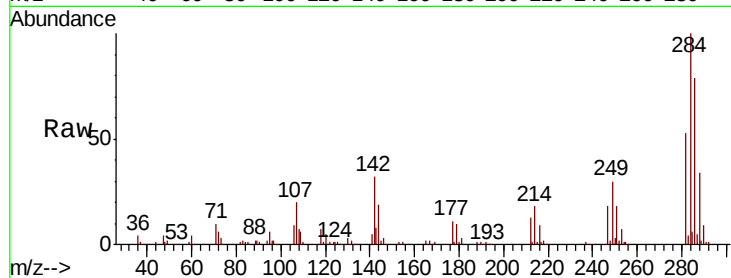
#67
Hexachlorobenzene
Concen: 22.397 ng/ul
RT: 16.17 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

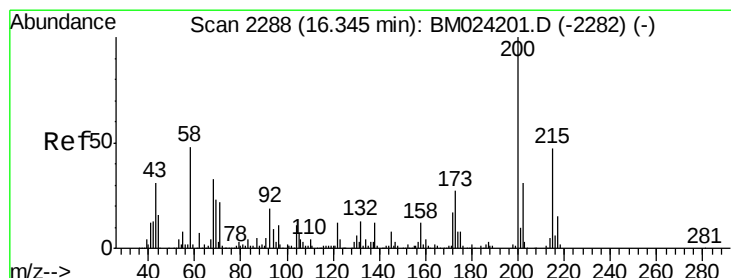
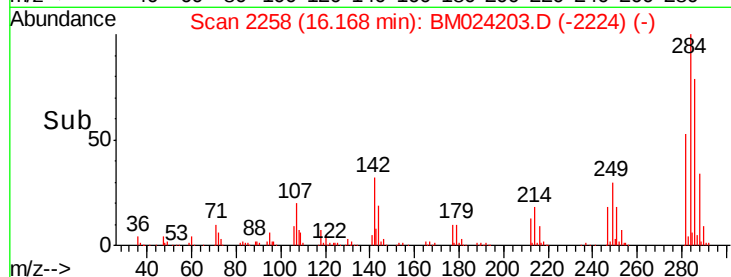
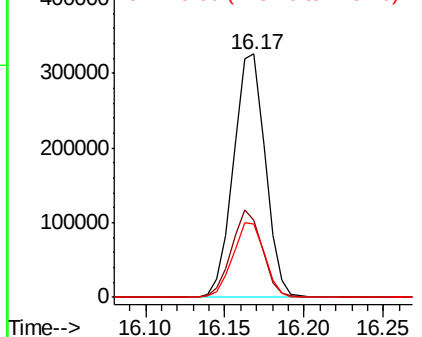
Tot Ion	Ratio	Resp	Lower	Upper
284	100	453943		
142	31.8		27.4	41.0
249	30.0		23.8	35.6

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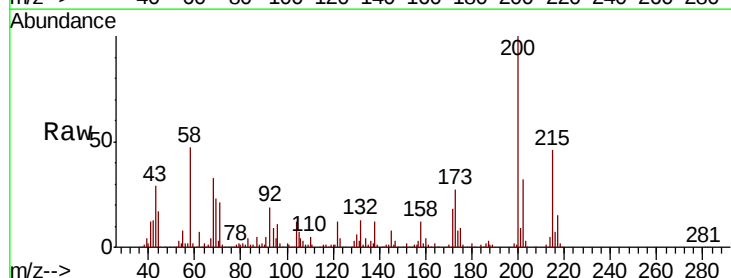


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

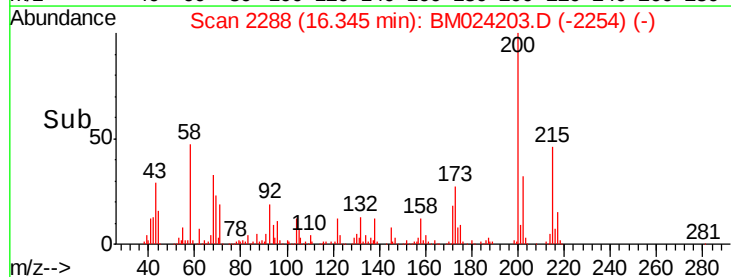
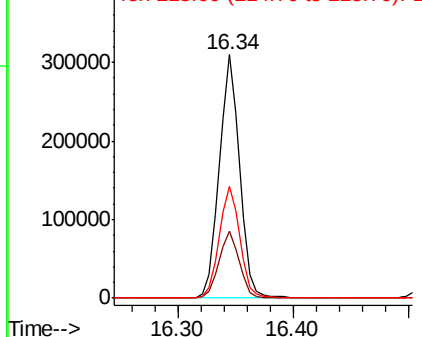


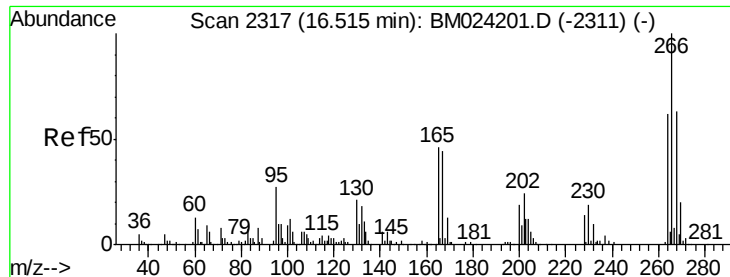
#68
Atrazine
Concen: 22.426 ng/ul
RT: 16.34 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	377448		
173	27.4		21.8	32.8
215	45.9		37.3	55.9



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





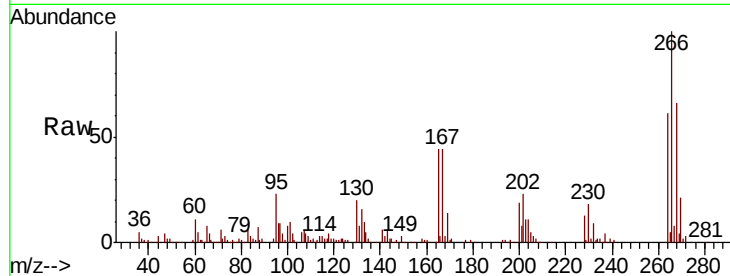
#69
 Pentachlorophenol
 Concen: 20.454 ng/ul
 RT: 16.52 min Scan# 2318
 Delta R.T. 0.01 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

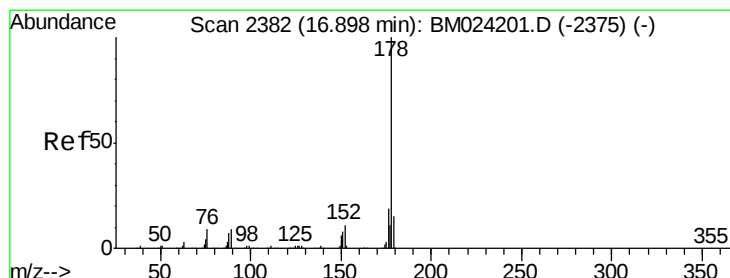
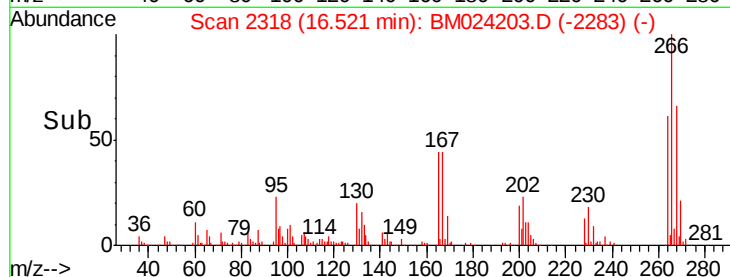
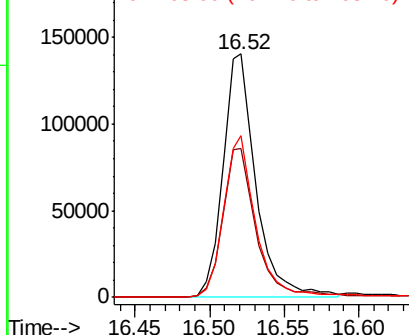
Tot Ion	Ratio	Resp	Lower	Upper
266	100	217243		
264	61.3	47.9	71.9	
268	66.3	51.3	76.9	

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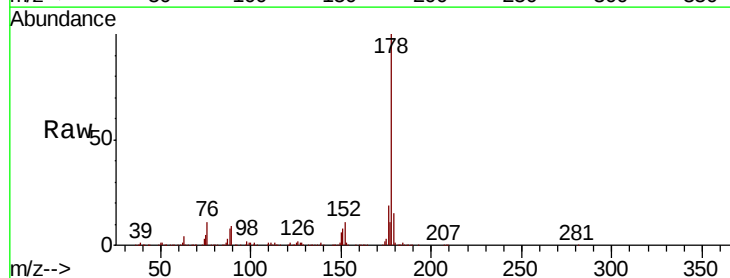


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

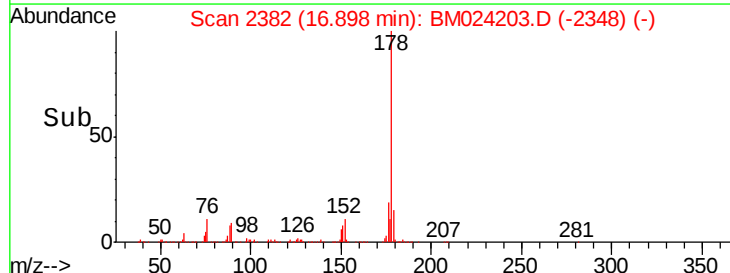
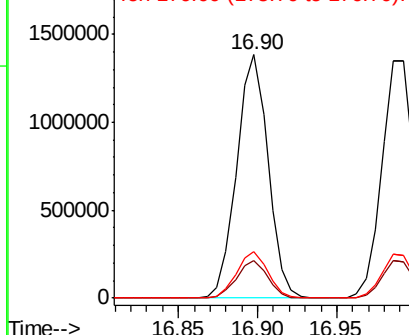


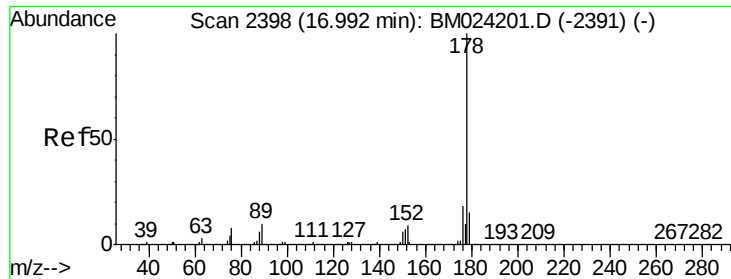
#70
 Phenanthrene
 Concen: 21.819 ng/ul
 RT: 16.90 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1902218		
179	15.2	12.6	19.0	
176	18.9	15.1	22.7	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





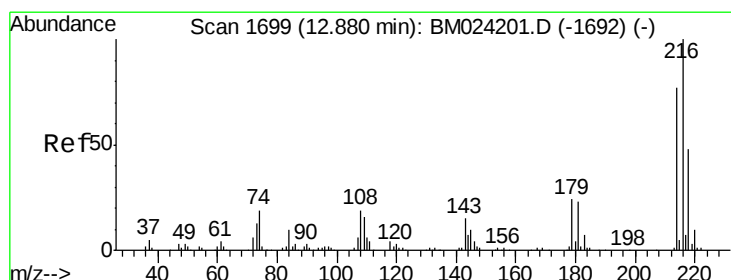
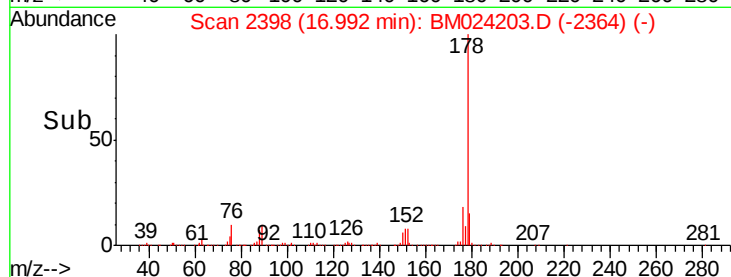
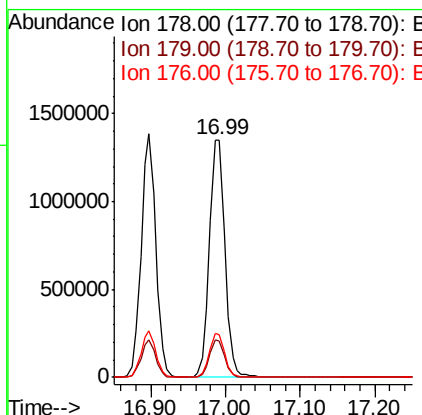
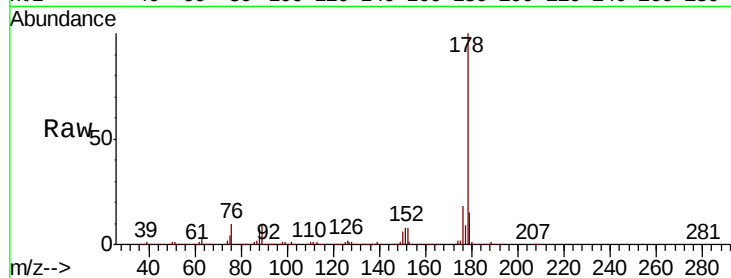
#72
 Anthracene
 Concen: 22.214 ng/ul
 RT: 16.99 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.1	14.7	22.1

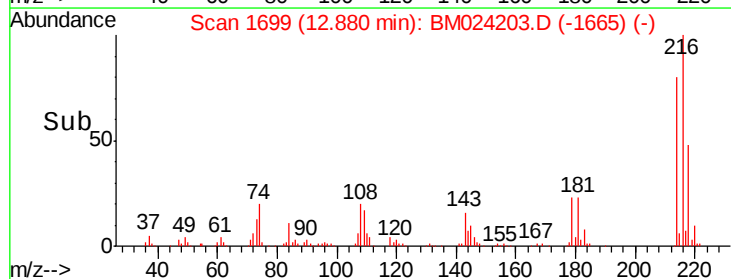
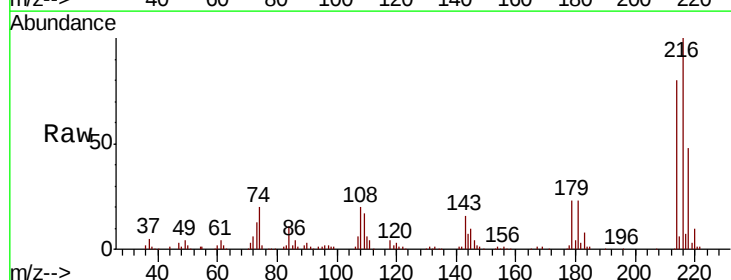
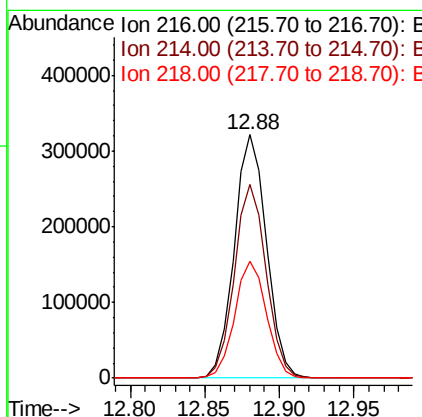
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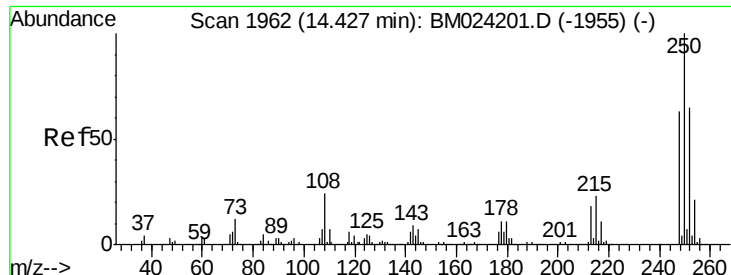
mohammad
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 24.712 ng/uL
 RT: 12.88 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	61.2	91.8
218	47.9	38.0	57.0





#74

Pentachlorobenzene

Concen: 24.188 ng/uL

RT: 14.42 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

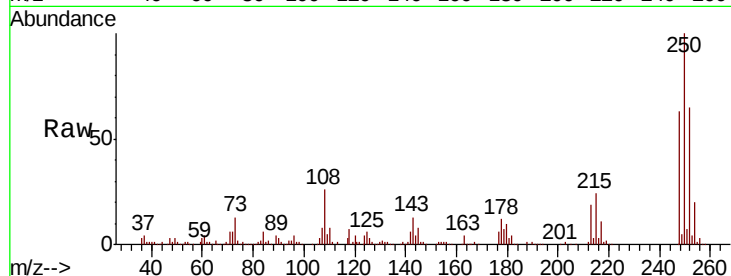
ClientSampleId :

A5167MSD

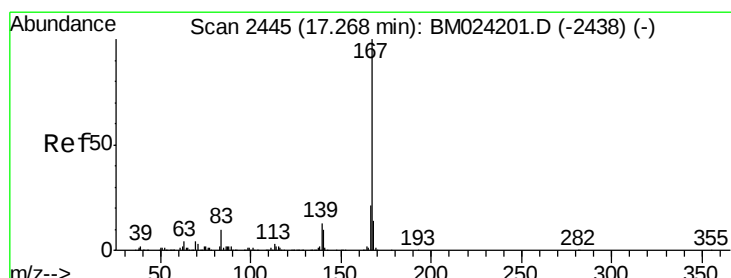
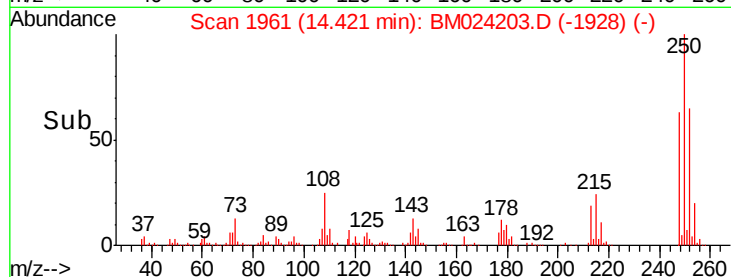
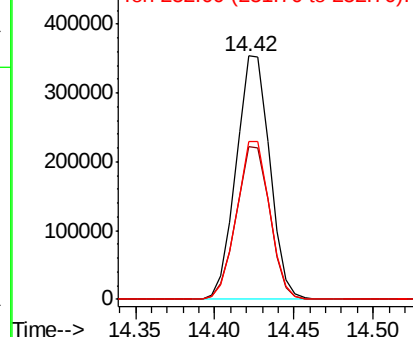
Tot Ion:	250	Resp:	520645
Ion Ratio		Lower	Upper
250	100		
248	62.7	51.9	77.9
252	64.6	52.8	79.2

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Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 22.053 ng/uL

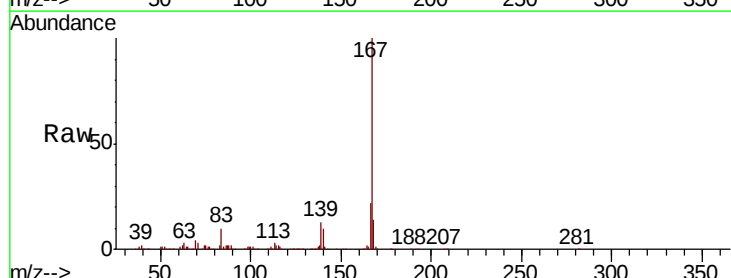
RT: 17.27 min Scan# 2445

Delta R.T. 0.00 min

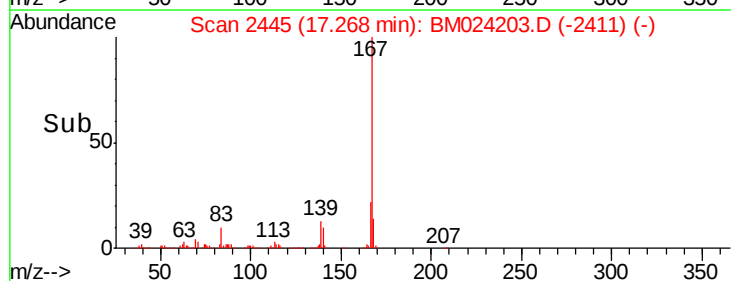
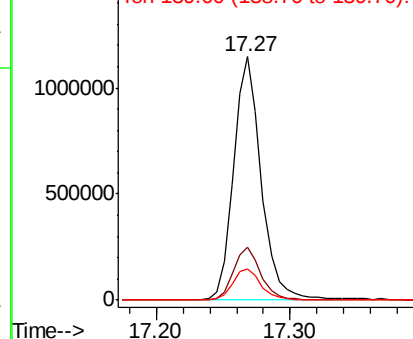
Lab File: BM024203.D

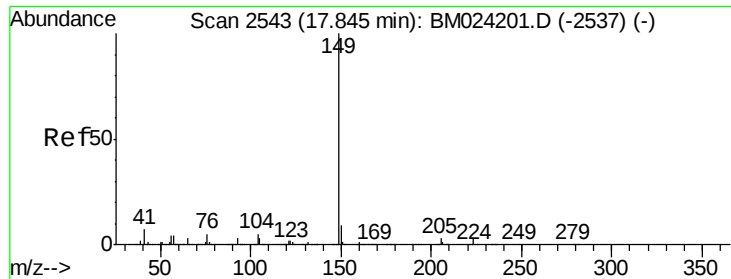
Acq: 20 Dec 2019 14:52

Tgt Ion:	167	Resp:	1660457
Ion Ratio		Lower	Upper
167	100		
166	21.7	17.0	25.6
139	12.9	10.3	15.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





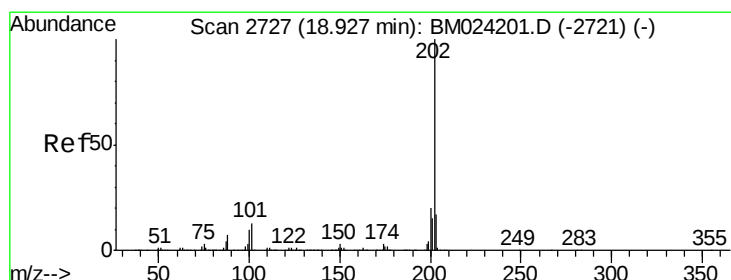
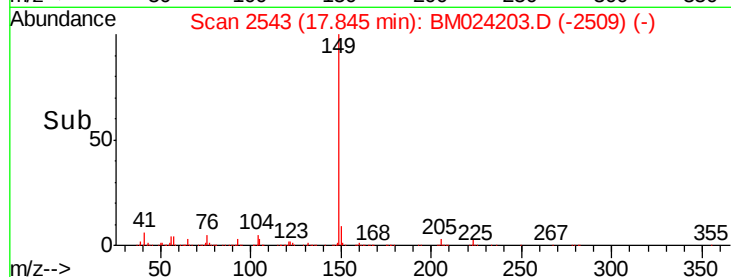
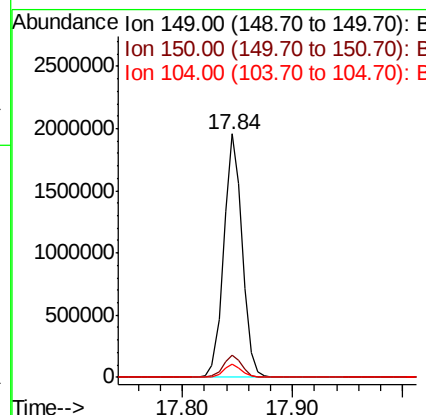
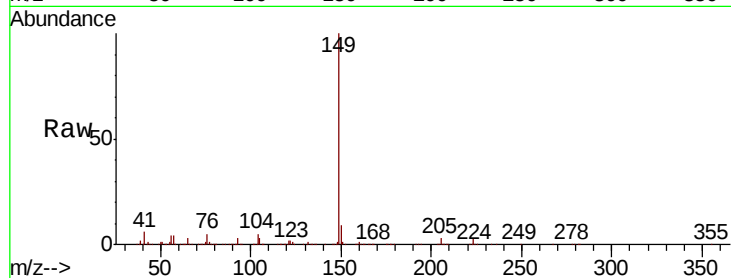
#76
Di-n-butylphthalate
Concen: 25.084 ng/ul
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion:149 Resp: 2265005
Ion Ratio Lower Upper
149 100
150 8.9 7.0 10.6
104 5.3 4.2 6.2

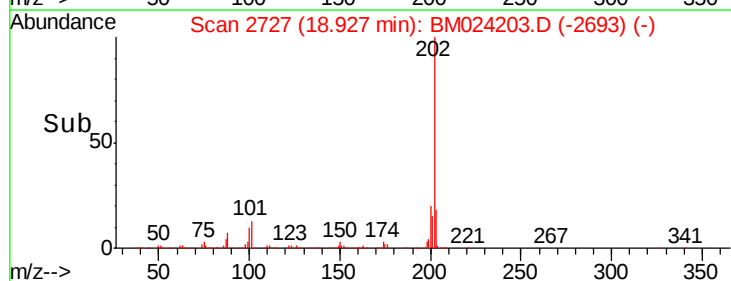
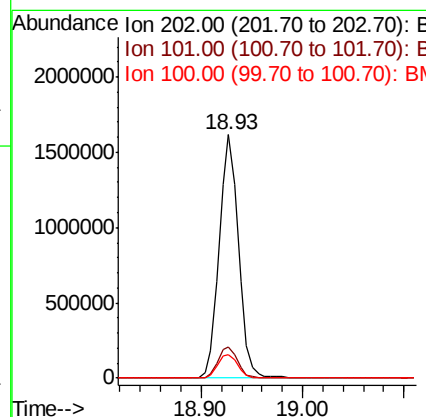
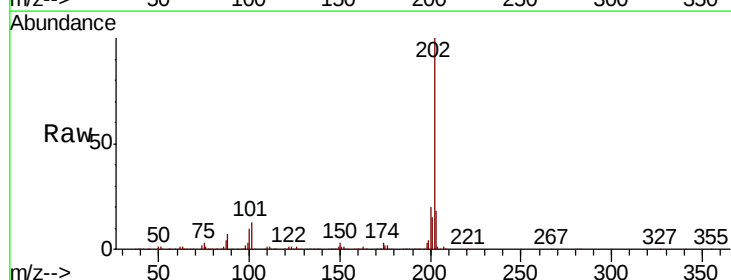
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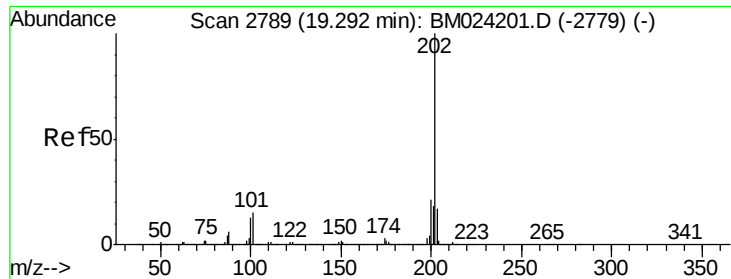
mohammad
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#77
Fluoranthene
Concen: 22.552 ng/ul
RT: 18.93 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:202 Resp: 2142958
Ion Ratio Lower Upper
202 100
101 12.9 10.6 15.8
100 9.8 8.1 12.1





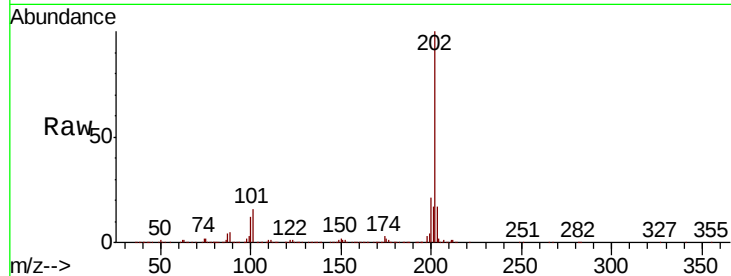
#80
Pvrene
Concen: 21.781 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.4
100	12.5	10.0	15.0

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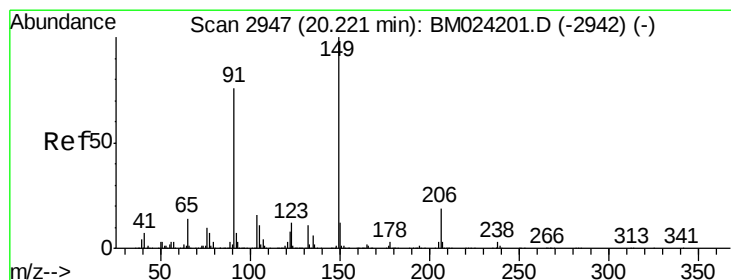
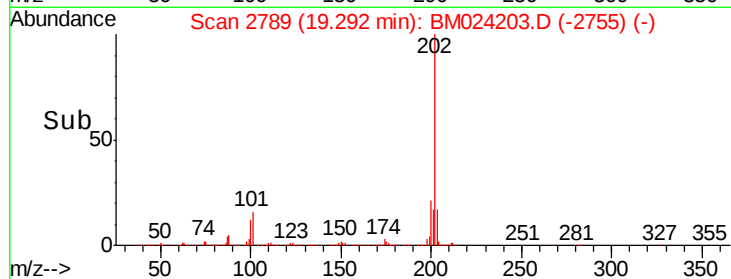
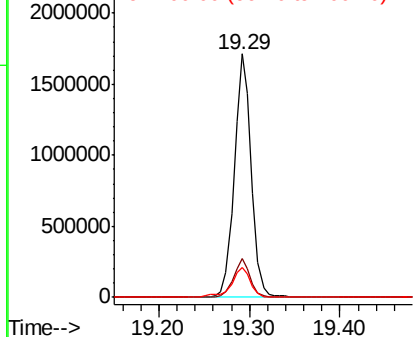


Abundance

Ion 202.00 (201.70 to 202.70): E

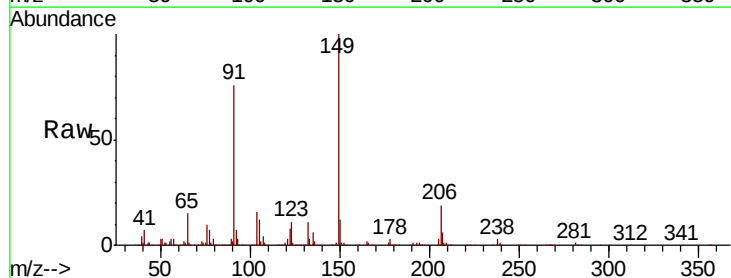
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81
Butylbenzylphthalate
Concen: 25.995 ng/ul
RT: 20.22 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.3	59.8	89.8
206	19.2	15.4	23.2

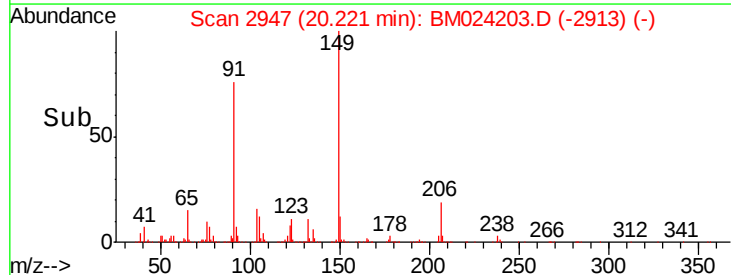
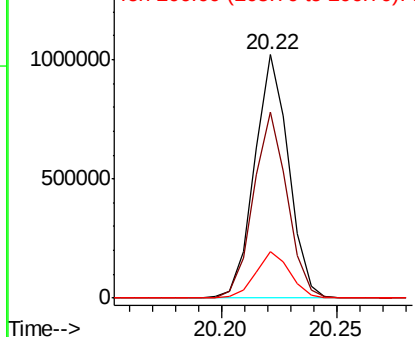


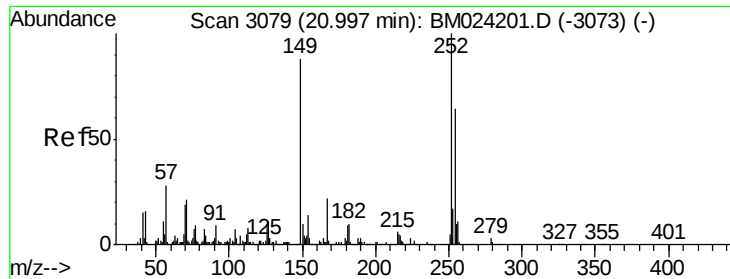
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





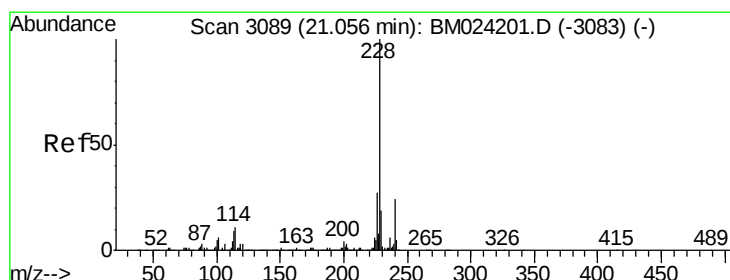
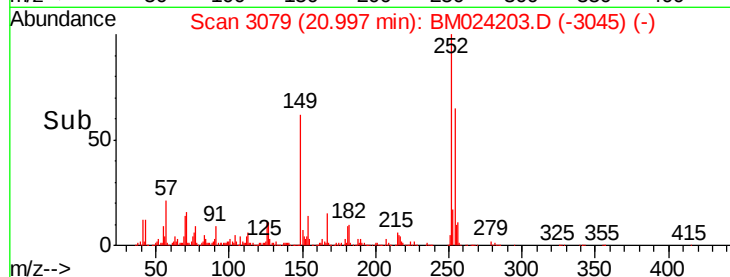
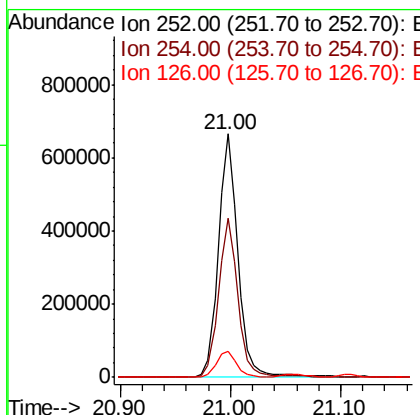
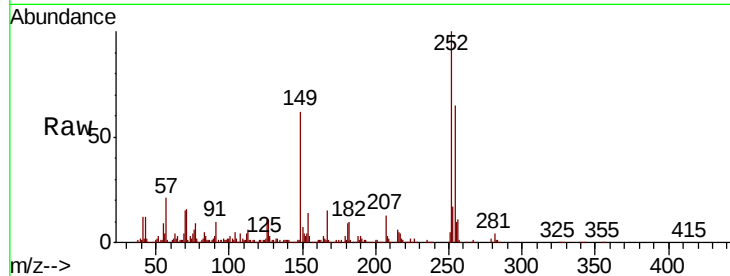
#82
 3,3'-Dichlorobenzidine
 Concen: 23.587 ng/ul
 RT: 21.00 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	10.8	8.9	13.3

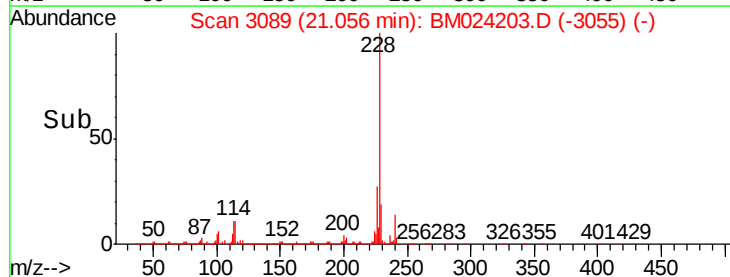
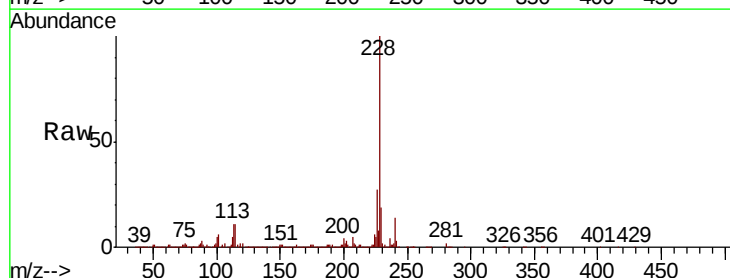
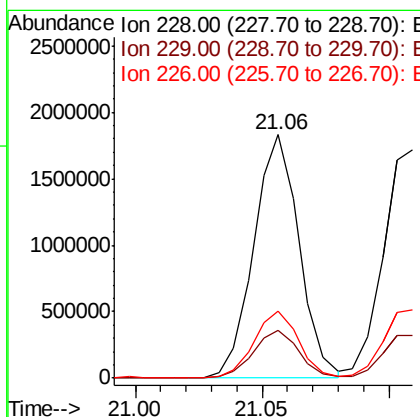
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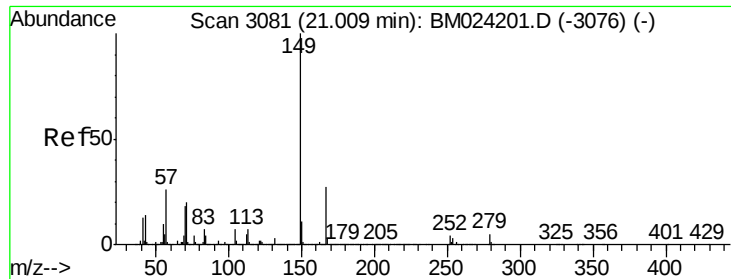
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#83
 Benzo(a)anthracene
 Concen: 22.900 ng/ul
 RT: 21.06 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	27.3	22.2	33.2





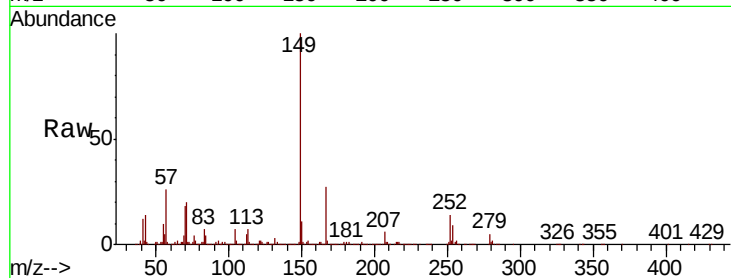
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.635 ng/ul
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

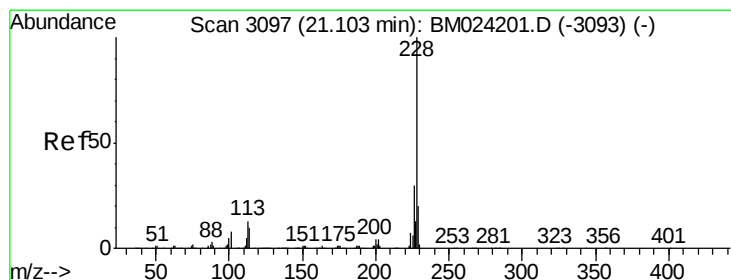
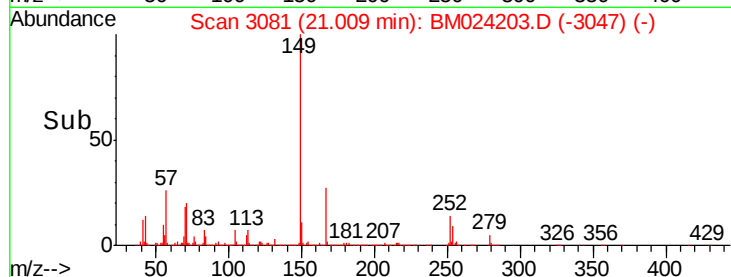
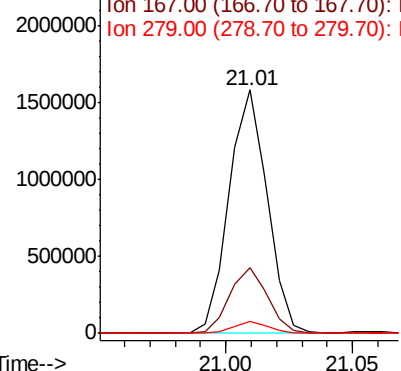
Tot Ion:149 Resp: 1660628
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 4.8 3.7 5.5

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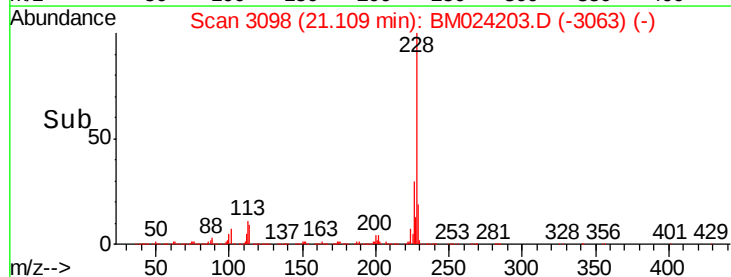
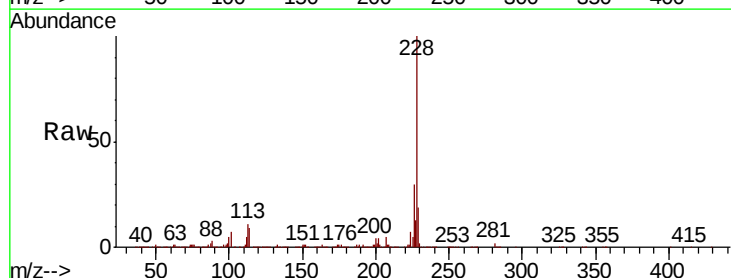
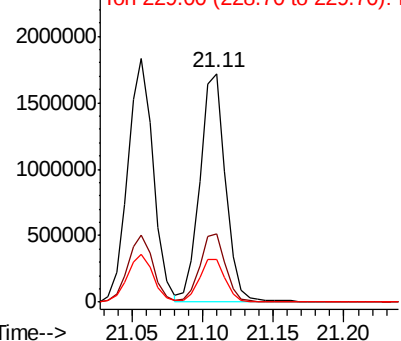
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

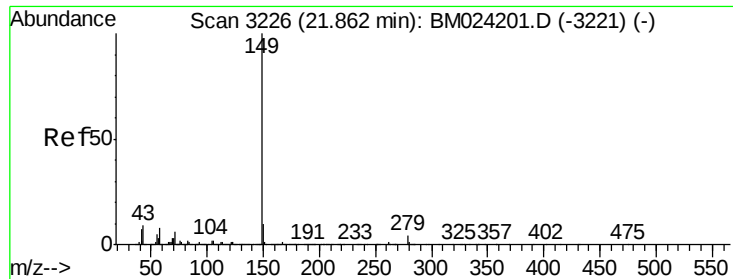


#85
 Chrysene
 Concen: 22.035 ng/ul
 RT: 21.11 min Scan# 3098
 Delta R.T. 0.01 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Tgt Ion:228 Resp: 2157483
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.0 36.0
 229 18.9 15.4 23.2

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





#87

Di-n-octyl phthalate

Concen: 29.001 ng/ul

RT: 21.86 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

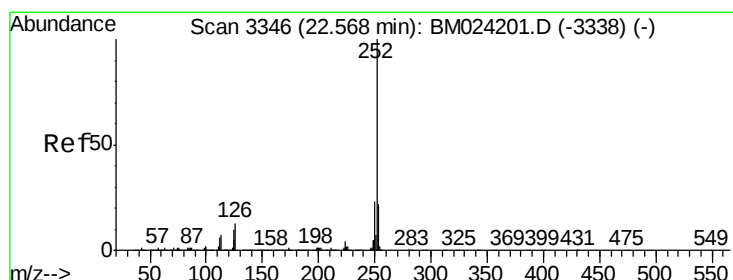
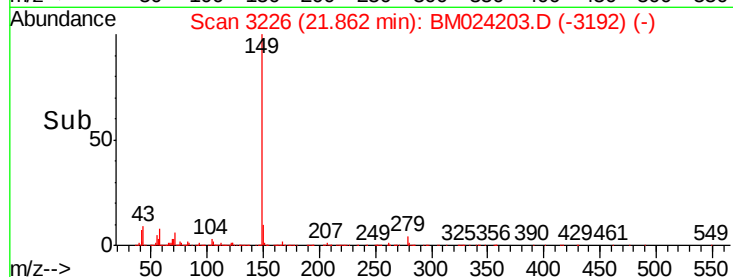
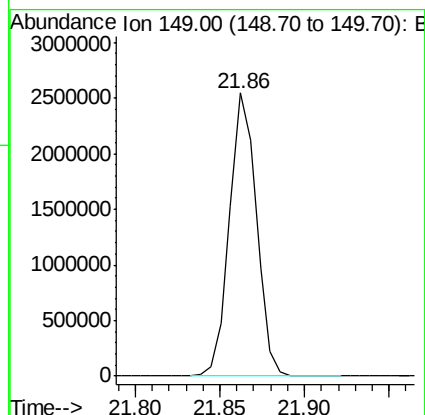
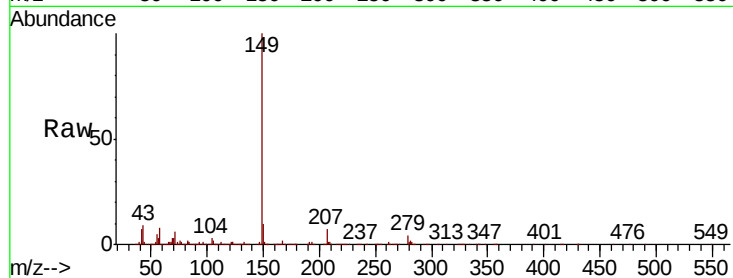
ClientSampleId :

A5167MSD

Tgt Ion:149 Resp: 2824255

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#88

Benzo(b)fluoranthene

Concen: 22.853 ng/ul

RT: 22.57 min Scan# 3346

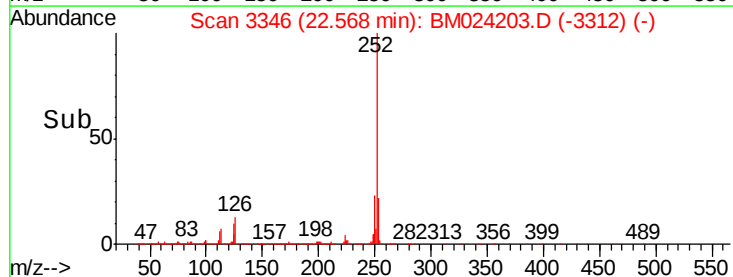
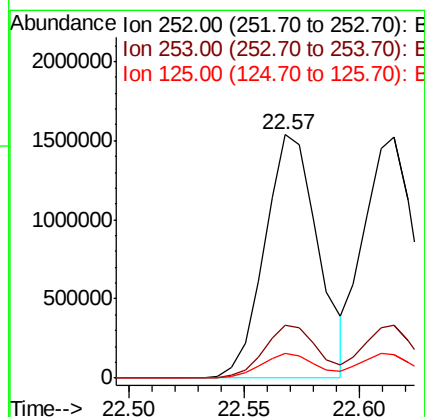
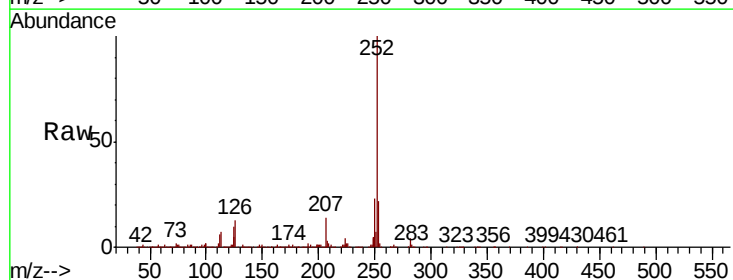
Delta R.T. 0.00 min

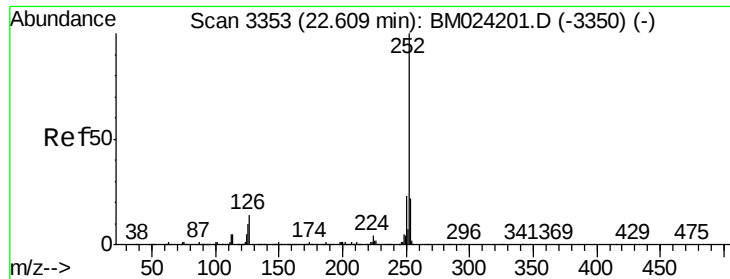
Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Tgt Ion:252 Resp: 2464542

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.1	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 22.329 ng/ul

RT: 22.62 min Scan# 3354

Delta R.T. 0.01 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Instrument :

BNA_M

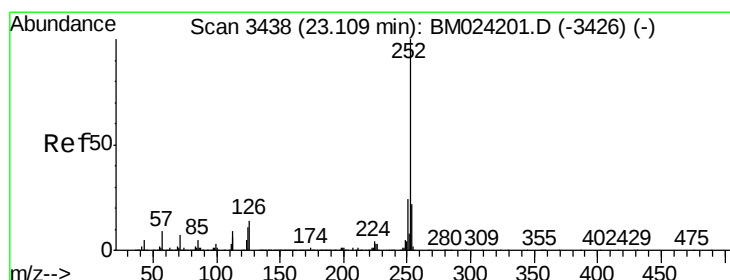
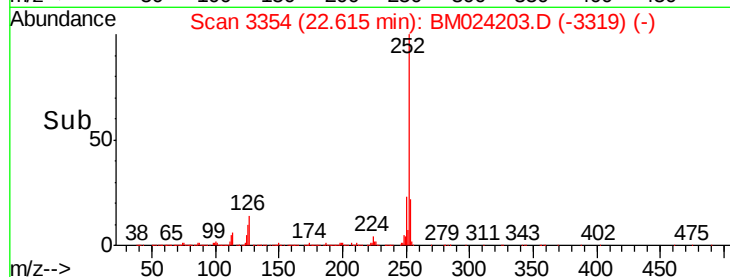
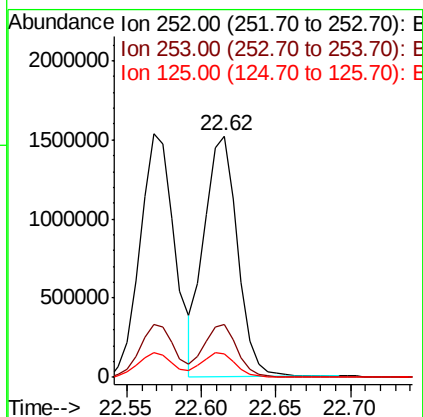
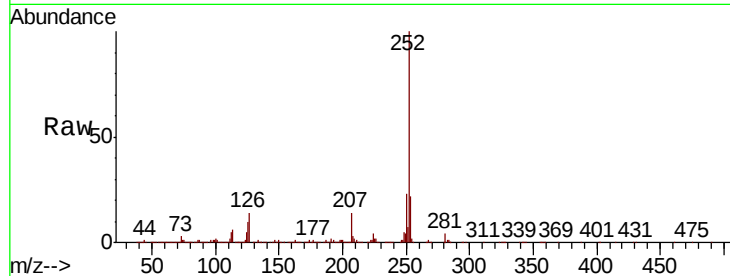
ClientSampleId :

A5167MSD

Tot Ion:	252	Resp:	2362781
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.0	7.9	11.9

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#91

Benzo(a)pyrene

Concen: 23.832 ng/ul

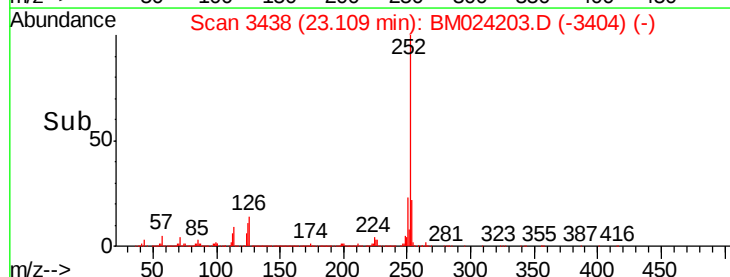
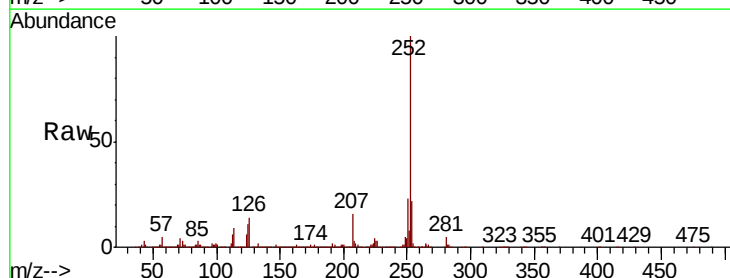
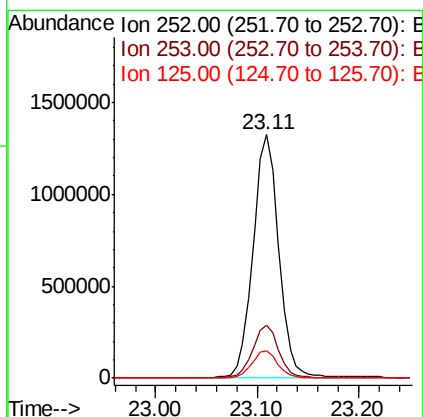
RT: 23.11 min Scan# 3438

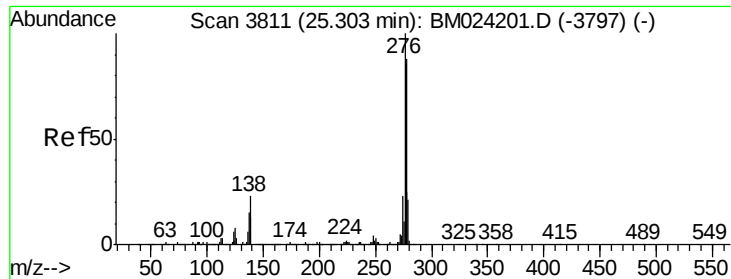
Delta R.T. 0.00 min

Lab File: BM024203.D

Acq: 20 Dec 2019 14:52

Tgt Ion:	252	Resp:	2325065
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.3	8.2	12.4





#92

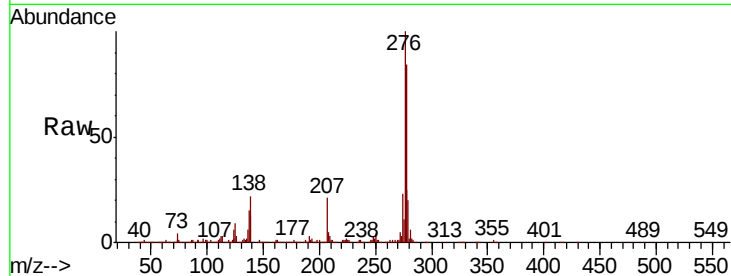
Indeno(1,2,3-cd)pyrene
Concen: 23.791 ng/ul
RT: 25.30 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.3	27.5
277	25.1	20.2	30.2

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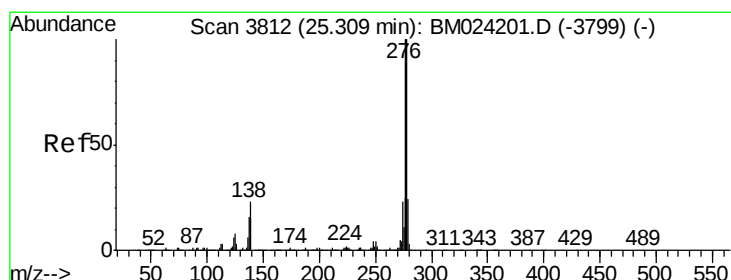
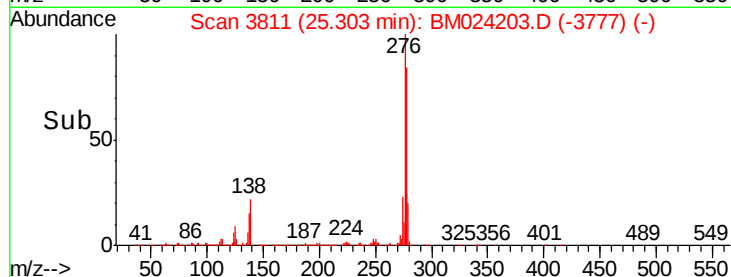
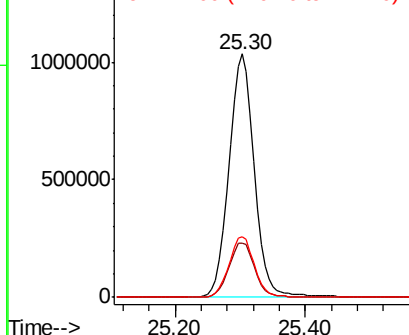


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

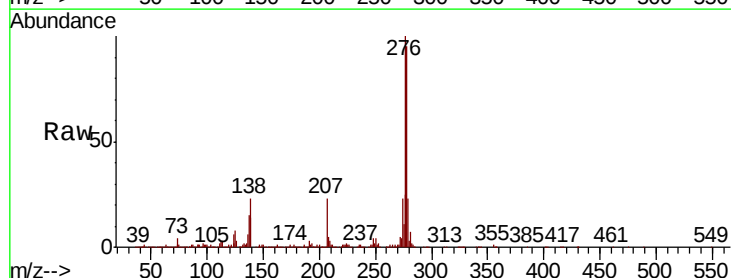
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 24.022 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.5	17.3
279	23.7	18.9	28.3

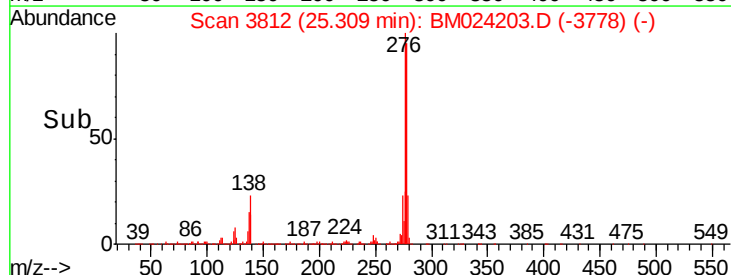
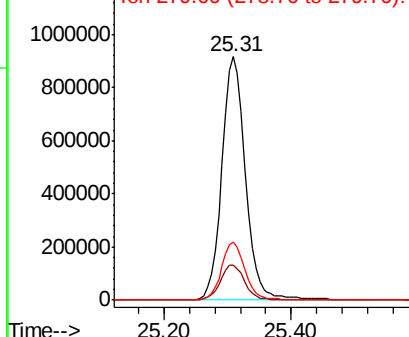


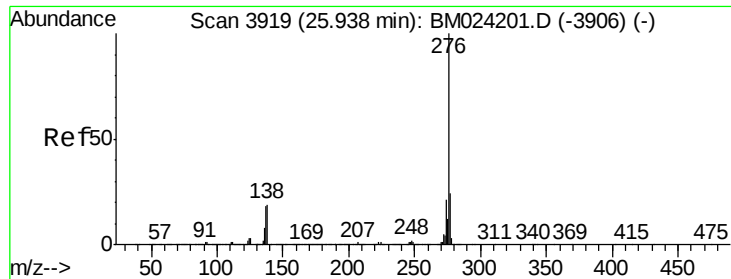
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94
 Benzo(a,h,i)perylene
 Concen: 24.102 ng/ul
 RT: 25.94 min Scan# 3920
 Delta R.T. 0.01 min
 Lab File: BM024203.D
 Acq: 20 Dec 2019 14:52

Instrument :
 BNA_M
 ClientSampleId :
 A5167MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.3	22.9
277	23.7	19.3	28.9

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