

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024204.D
 Acq On : 20 Dec 2019 15:28
 Operator : JU
 Sample : K4649-07MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5169MS

Manual Integrations
 APPROVED

mohammad
 12/23/2019 11:55:35 AM

Quant Time: Dec 21 01:00:57 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	267401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1186053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	746894	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1539015	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1442605	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1612296	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	57138	9.44	ng/uL	0.00
5) Phenol-d5	6.63	99	511383	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	342804	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	396685	21.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	409565	19.79	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	193870	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	215606	23.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	412217	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	536716	24.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1268493	22.97	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1464148	22.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	184599	18.62	ng/ul	0.00
58) Fluorene-d10	15.10	176	1061023	21.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	186764	19.89	ng/ul	0.00
71) Anthracene-d10	16.96	188	1588790	22.69	ng/ul	0.00
79) Pyrene-d10	19.26	212	1648009	23.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1830402	22.86	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.02	88	61372	9.153	ng/uL 89
4) Benzaldehyde	6.59	77	340023	20.774	ng/ul 98
6) Phenol	6.66	94	523787	20.034	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.88	93	430807	21.265	ng/ul 97
10) 2-Chlorophenol	7.00	128	413703	22.338	ng/ul 99
11) 2-Methylphenol	7.89	108	389502	20.037	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	534512	22.909	ng/ul 98
14) Acetophenone	8.26	105	661182	21.184	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.25	70	385142	22.336	ng/ul 98
16) 4-Methylphenol	8.22	108	434515	20.134	ng/ul 99
17) Hexachloroethane	8.49	117	176244	23.056	ng/ul 100
20) Nitrobenzene	8.63	77	524948	22.159	ng/ul 98
21) Isophorone	9.16	82	980977	22.154	ng/ul 99
23) 2-Nitrophenol	9.33	139	234763	22.756	ng/ul 96
24) 2,4-Dimethylphenol	9.41	107	497736	22.366	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.64	93	621982	22.611	ng/ul 98
27) 2,4-Dichlorophenol	9.87	162	397067	22.271	ng/ul 99
28) Naphthalene	10.25	128	1347942	21.688	ng/ul 99
30) 4-Chloroaniline	10.38	127	530150	23.740	ng/ul 99
31) Hexachlorobutadiene	10.54	225	253180	22.970	ng/ul 100
32) Caprolactam	11.18	113	119929m	17.801	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	443307	20.721	ng/ul 99
34) 2-Methylnaphthalene	11.88	142	989441	22.272	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	978321	21.575	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	478371	23.693	ng/ul	99
38) Hexachlorocyclopentadiene	12.23	237	141695	15.575	ng/ul	96
39) 2,4,6-Trichlorophenol	12.52	196	308435	23.098	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	315099	21.890	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	1291172	23.159	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	985539	22.500	ng/ul	100
43) 2-Nitroaniline	13.18	65	286149	22.281	ng/ul	97
45) Dimethylphthalate	13.57	163	1247219	21.728	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	239980	21.224	ng/ul	97
48) Acenaphthylene	13.82	152	1490439	21.213	ng/ul	99
49) 3-Nitroaniline	14.02	138	228036	21.250	ng/ul	93
50) Acenaphthene	14.16	153	1063302	22.010	ng/ul	100
51) 2,4-Dinitrophenol	14.25	184	106570	16.772	ng/ul	95
53) 4-Nitrophenol	14.36	109	148339	18.759	ng/ul	95
54) Dibenzofuran	14.50	168	1503460	22.386	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	362308	21.218	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.74	232	286697	22.031	ng/ul	95
57) Diethylphthalate	14.95	149	1315062	22.534	ng/ul	99
59) Fluorene	15.16	166	1213091	21.389	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	602880	21.860	ng/ul	96
61) 4-Nitroaniline	15.20	138	217581	18.363	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.27	198	203278	20.272	ng/ul	99
65) N-Nitrosodiphenylamine	15.37	169	1056455	23.609	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	388890	23.772	ng/ul	99
67) Hexachlorobenzene	16.17	284	448741	22.403	ng/ul	97
68) Atrazine	16.34	200	368232	22.138	ng/ul	99
69) Pentachlorophenol	16.52	266	213102	20.302	ng/ul	97
70) Phenanthrene	16.90	178	1876298	21.777	ng/ul	99
72) Anthracene	16.99	178	1928562	22.264	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	480671	24.886	ng/uL	98
74) Pentachlorobenzene	14.43	250	515404	24.229	ng/uL	95
75) Carbazole	17.27	167	1646635	22.129	ng/ul	99
76) Di-n-butylphthalate	17.84	149	2212581	24.793	ng/ul	99
77) Fluoranthene	18.93	202	2084233	22.194	ng/ul	100
80) Pvrene	19.29	202	2144875	22.775	ng/ul	100
81) Butylbenzylphthalate	20.22	149	973069	26.226	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	731088	22.829	ng/ul	99
83) Benzo(a)anthracene	21.06	228	2099102	22.838	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1518287	27.460	ng/ul	100
85) Chrysene	21.11	228	1976634	21.941	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2482507	28.498	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2173391	22.529	ng/ul	98
89) Benzo(k)fluoranthene	22.62	252	2098682	22.172	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2055514	23.553	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2441674	23.300	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	2064960	23.504	ng/ul	98
94) Benzo(a,h,i)perylene	25.94	276	2023408	23.649	ng/ul	99

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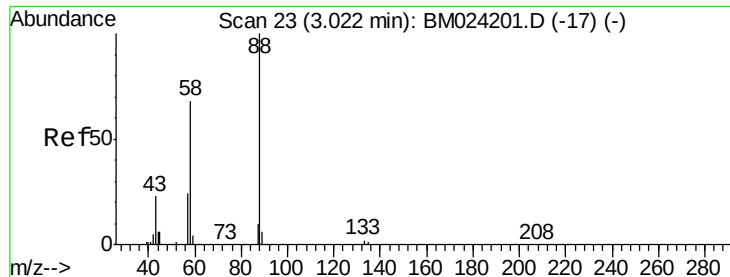
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 9.153 ng/uL

RT: 3.02 min Scan# 23

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

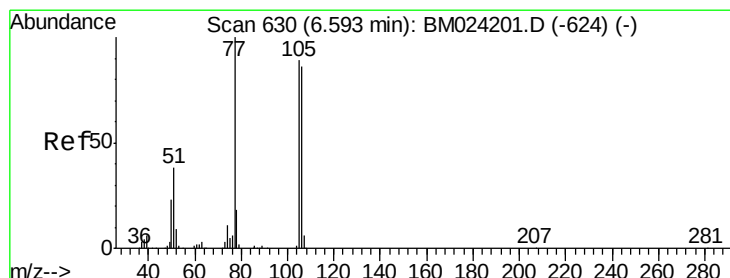
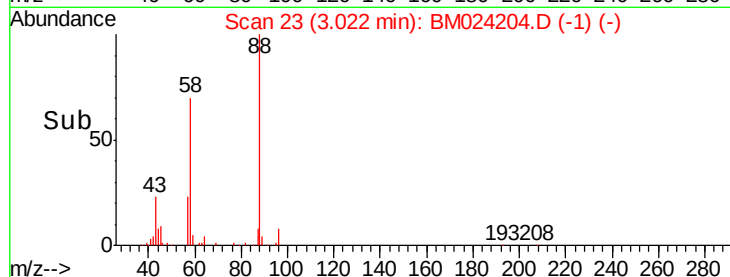
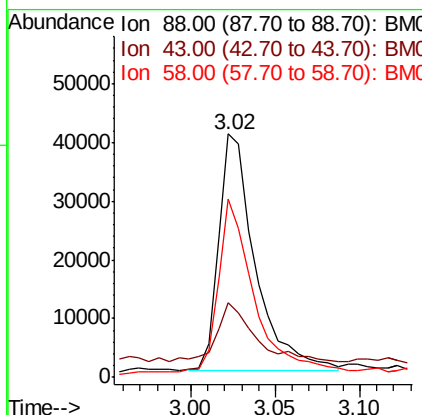
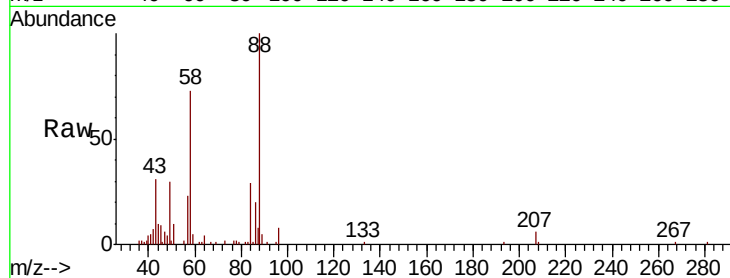
ClientSampleId :

A5169MS

Tot Ion:	88	Resp:	61372
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.9	38.9
58	73.0	48.8	73.2

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#4

Benzaldehyde

Concen: 20.774 ng/uL

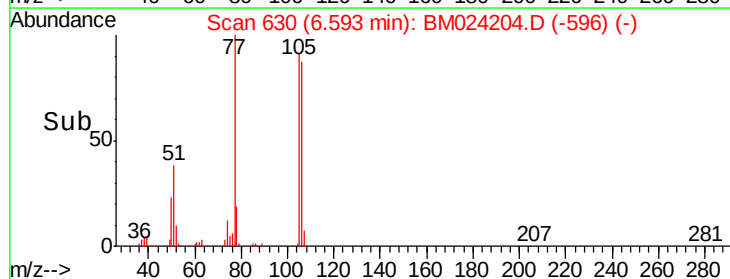
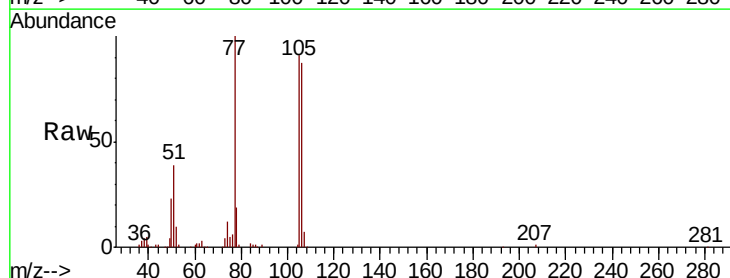
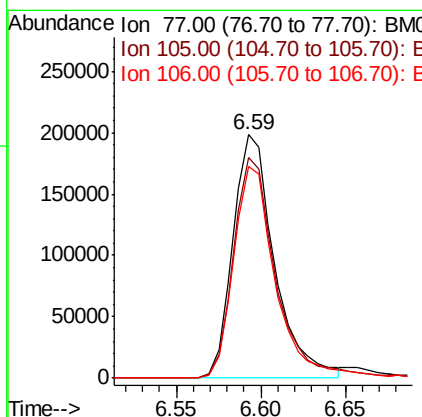
RT: 6.59 min Scan# 630

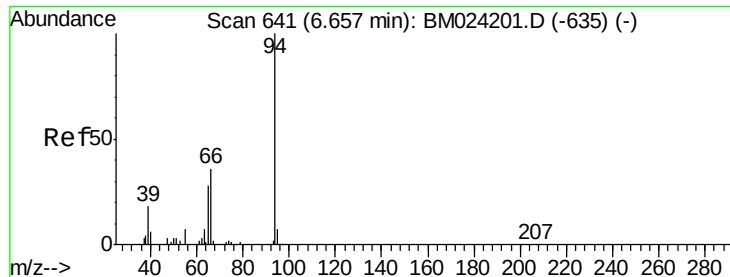
Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Tgt Ion:	77	Resp:	340023
Ion	Ratio	Lower	Upper
77	100		
105	90.6	72.2	108.2
106	87.1	67.3	100.9





#6

Phenol

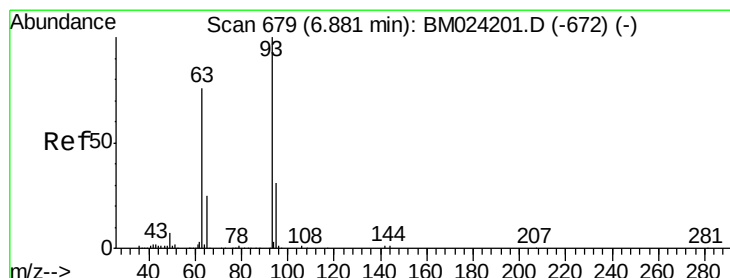
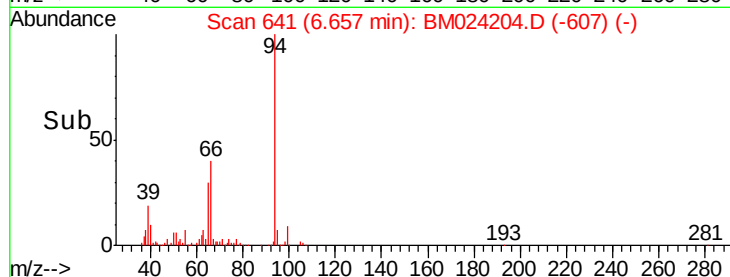
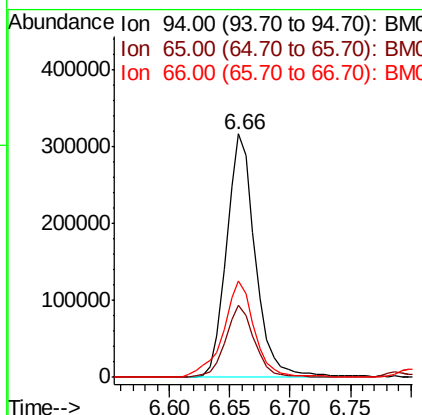
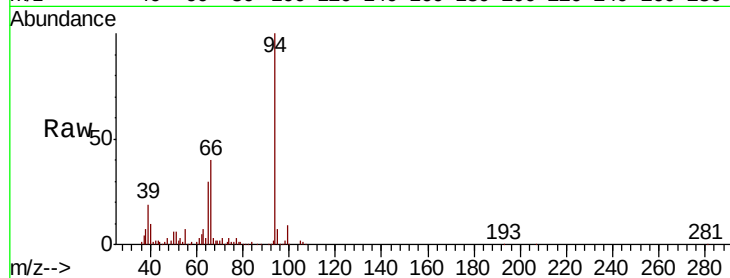
Concen: 20.034 ng/ul
 RT: 6.66 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
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 A5169MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.8	22.6	33.8
66	39.5	30.7	46.1

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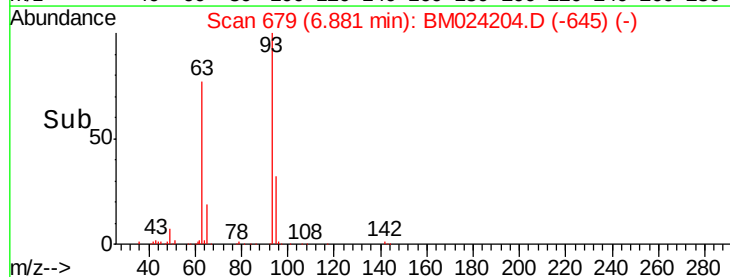
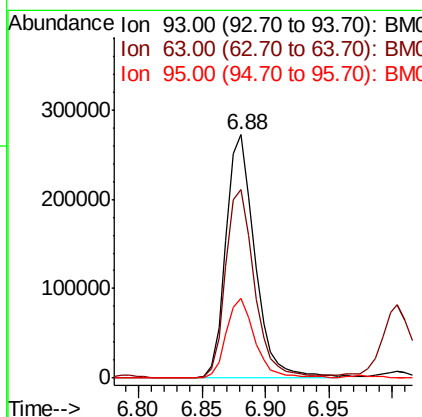
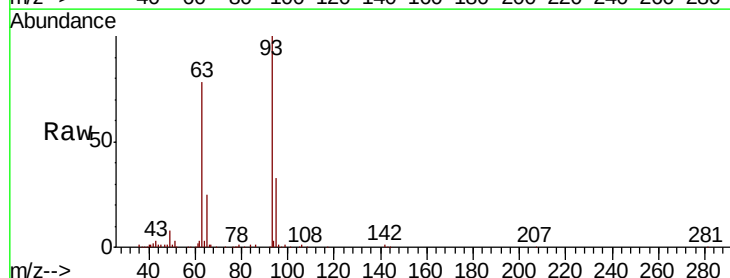


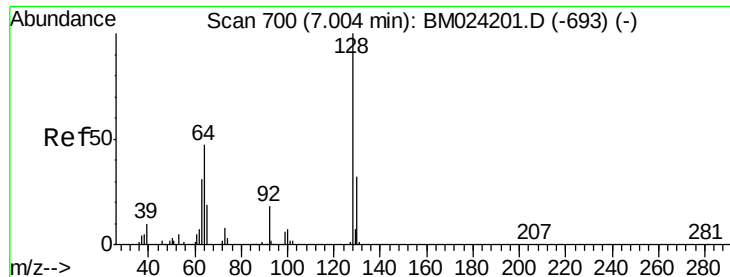
#8

Bis(2-Chloroethyl)ether

Concen: 21.265 ng/ul
 RT: 6.88 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.7	59.8	89.6
95	32.9	25.4	38.2





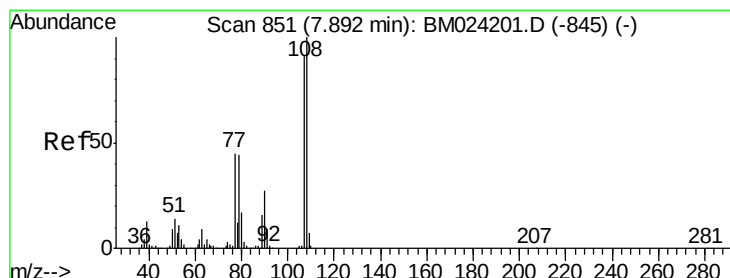
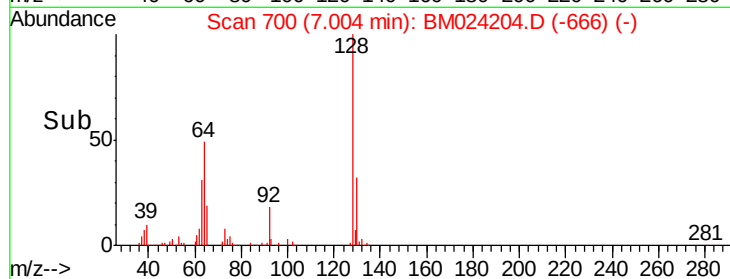
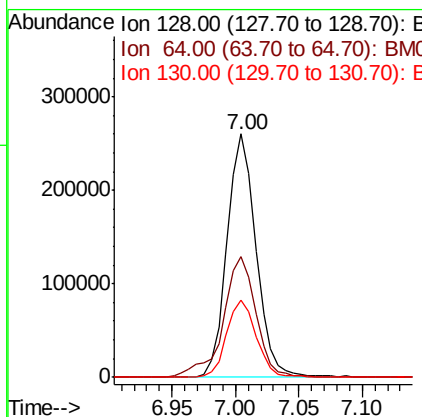
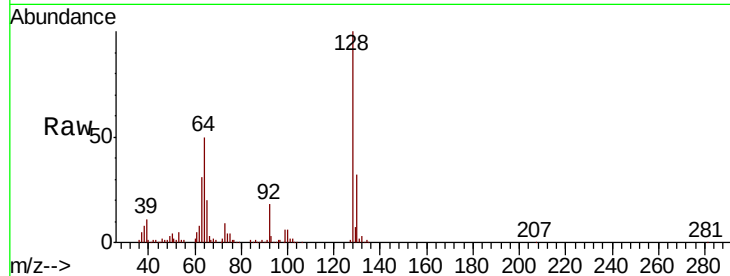
#10
2-Chlorophenol
Concen: 22.338 ng/ul
RT: 7.00 min Scan# 700
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
128	100	413703		
64	49.6		40.6	61.0
130	32.0		25.1	37.7

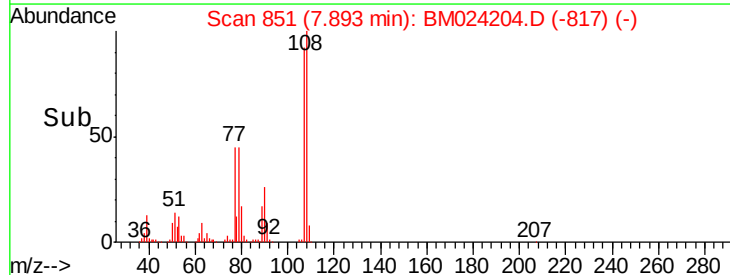
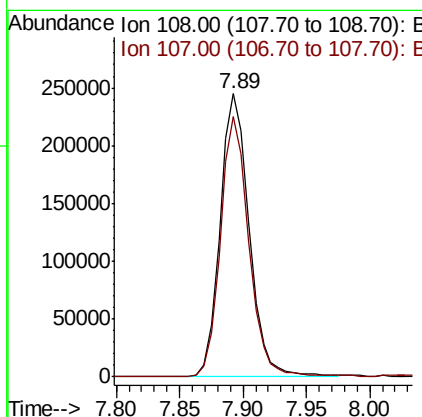
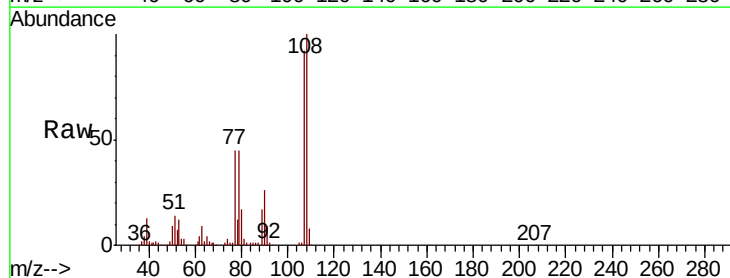
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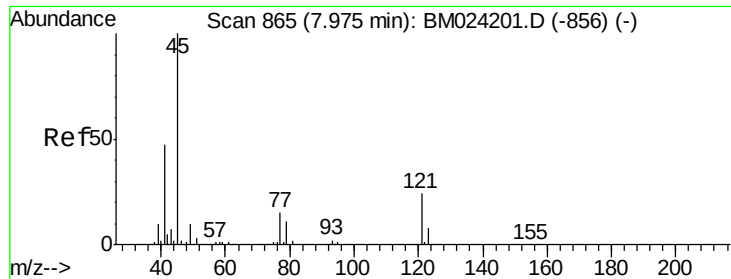
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#11
2-Methylphenol
Concen: 20.037 ng/ul
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	389502		
107	92.1		72.7	109.1





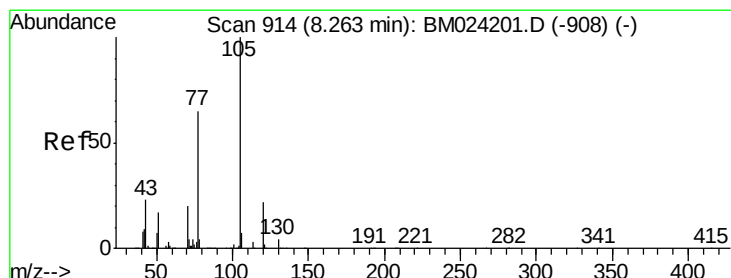
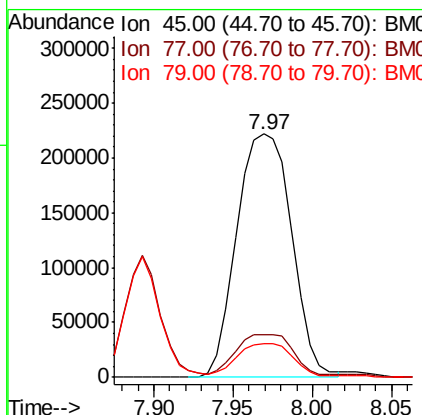
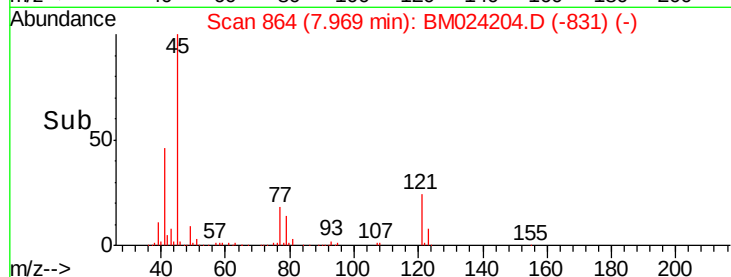
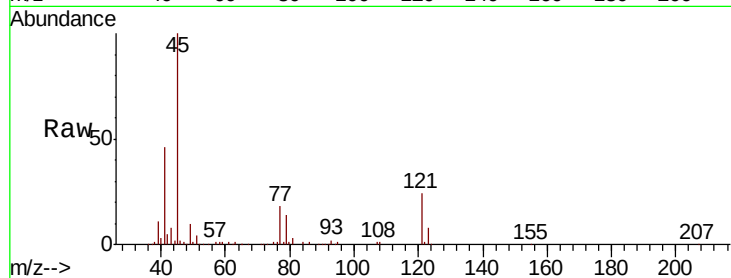
#12
2,2'-oxybis(1-Chloropropane)
Concen: 22.909 ng/ul
RT: 7.97 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.7	14.6	21.8
79	13.8	11.8	17.8

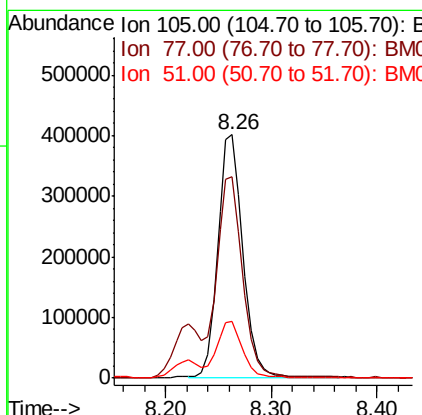
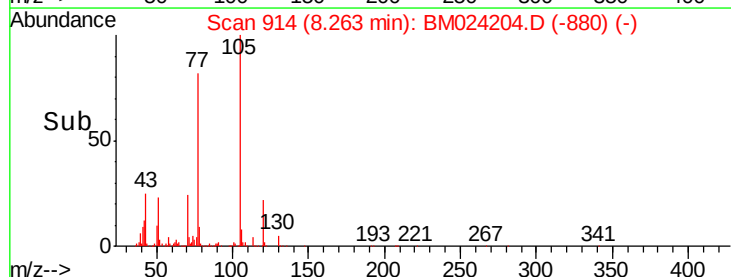
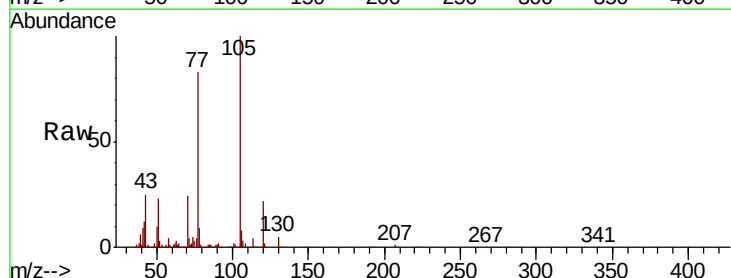
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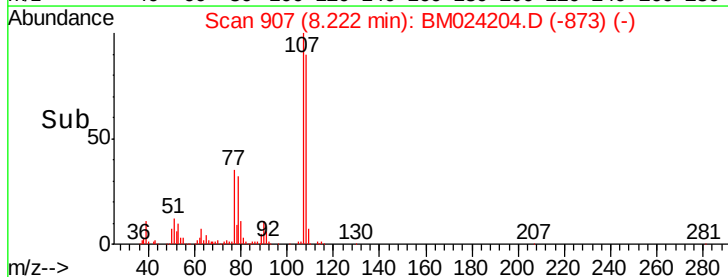
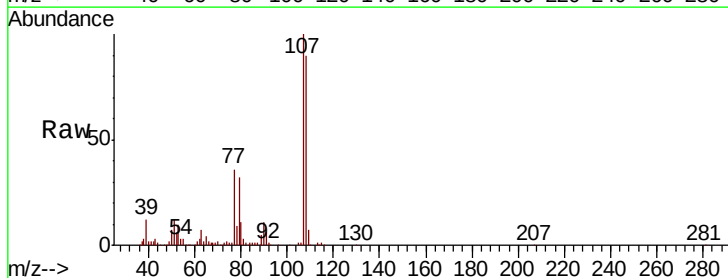
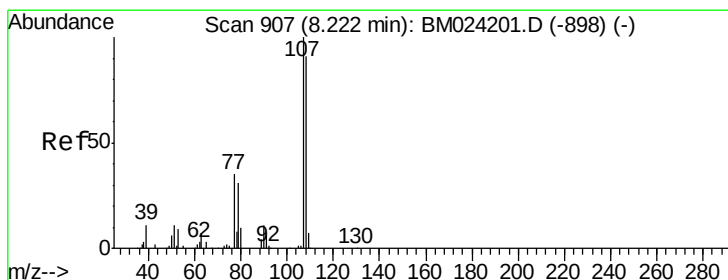
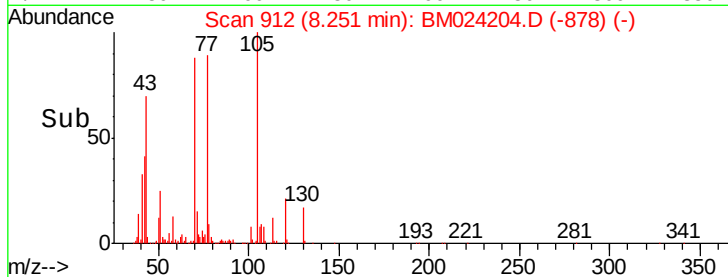
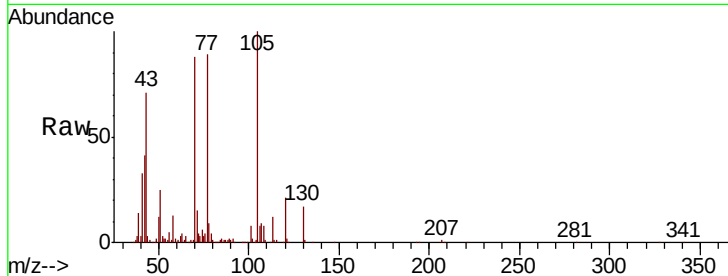
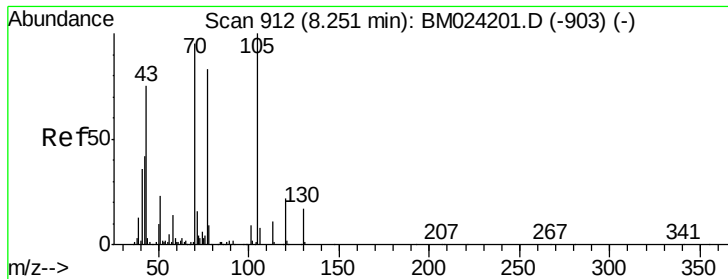
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12/23/2019 11:55:35 AM



#14
Acetophenone
Concen: 21.184 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.6	65.6	98.4
51	23.5	18.3	27.5





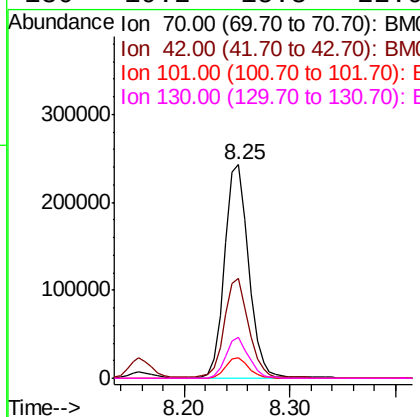
#15
N-Nitroso-di-n-propylamine
Concen: 22.336 ng/ul
RT: 8.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.0	36.2	54.4	
101	9.4	7.7	11.5	
130	19.2	15.3	22.9	

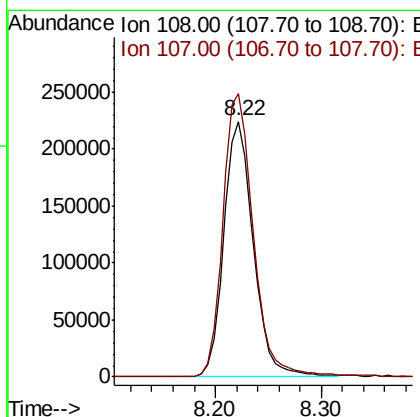
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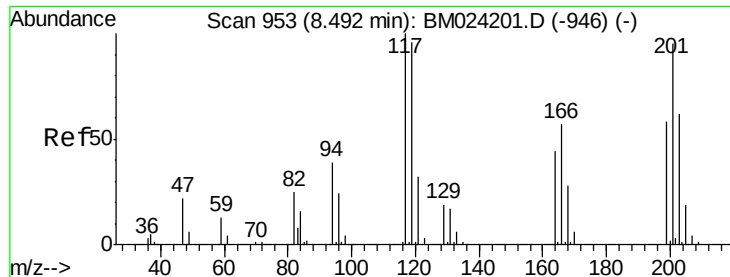
mohammad
12/23/2019 11:55:35 AM



#16
4-Methylphenol
Concen: 20.134 ng/ul
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	110.8	89.1	133.7	





#17

Hexachloroethane

Concen: 23.056 ng/ul

RT: 8.49 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

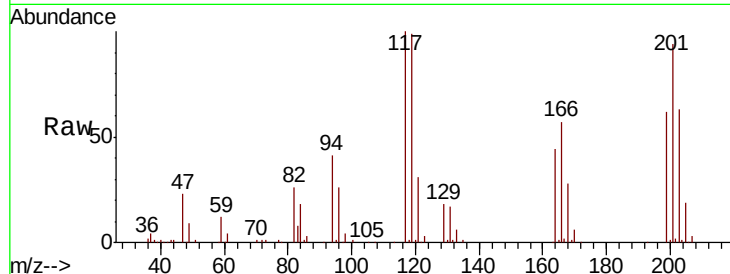
ClientSampled :

A5169MS

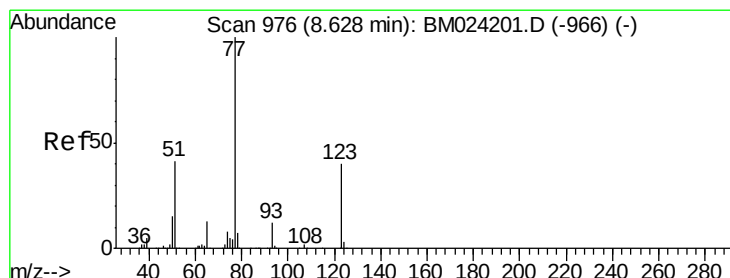
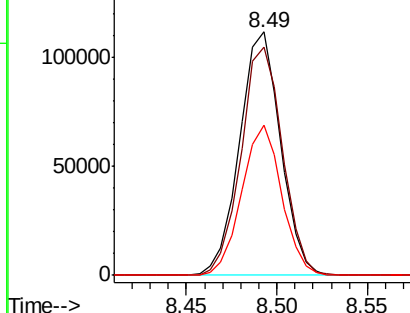
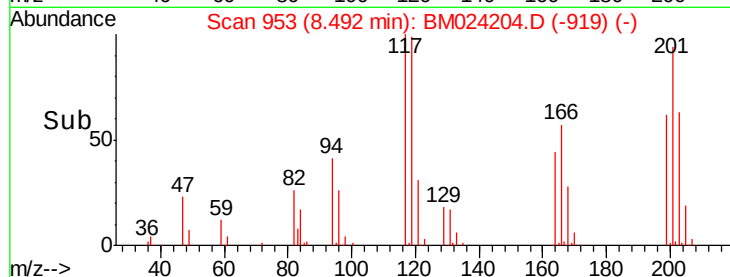
Tot Ion:	117	Resp:	176244
Ion Ratio	Lower	Upper	
117	100		
201	93.5	74.8	112.2
199	61.8	49.0	73.6

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Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 22.159 ng/ul

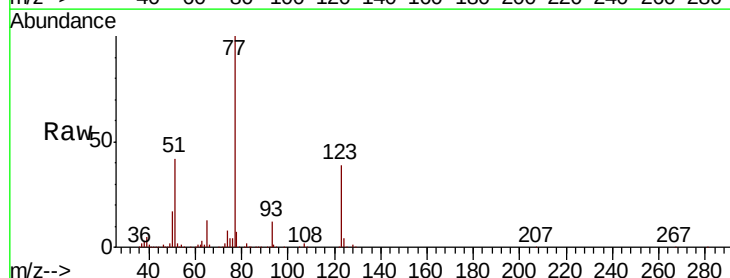
RT: 8.63 min Scan# 976

Delta R.T. 0.00 min

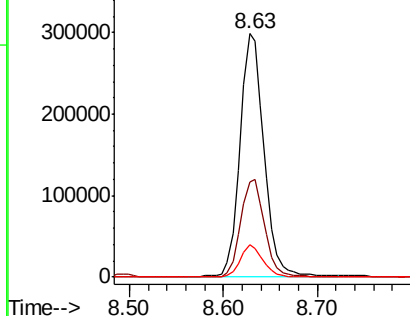
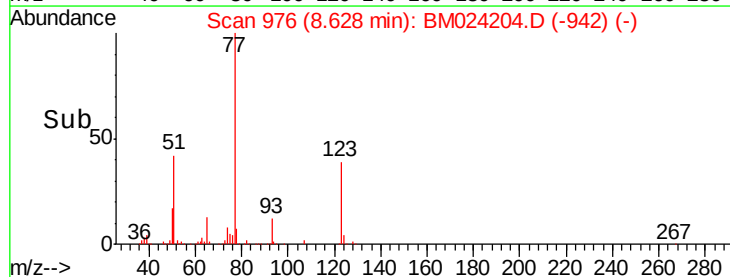
Lab File: BM024204.D

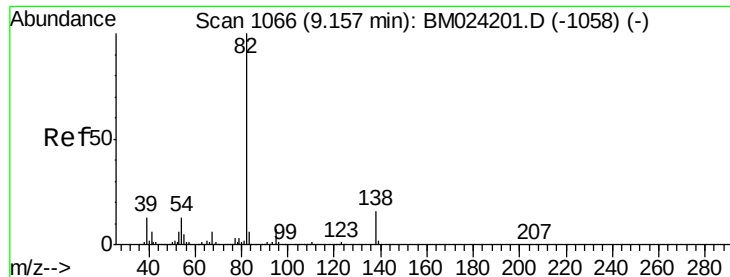
Acq: 20 Dec 2019 15:28

Tgt Ion:	77	Resp:	524948
Ion Ratio	Lower	Upper	
77	100		
123	39.1	32.6	49.0
65	13.1	9.9	14.9



Abundance Ion 77.00 (76.70 to 77.70): BM0
400000 Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 22.154 ng/ul

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

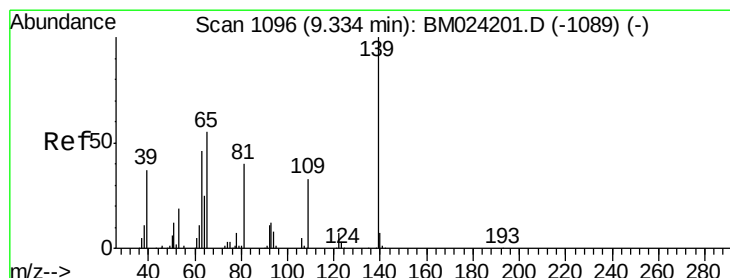
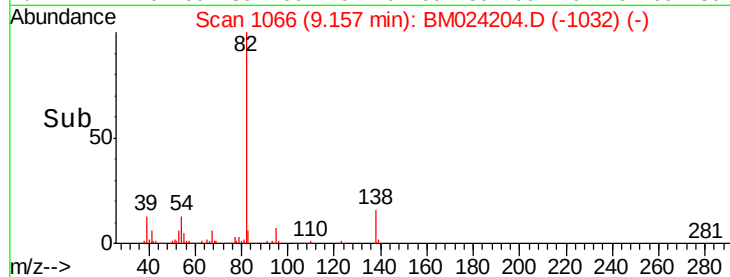
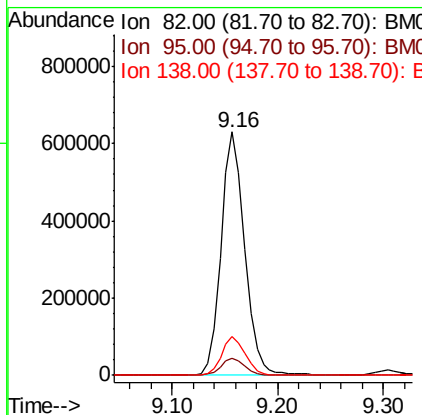
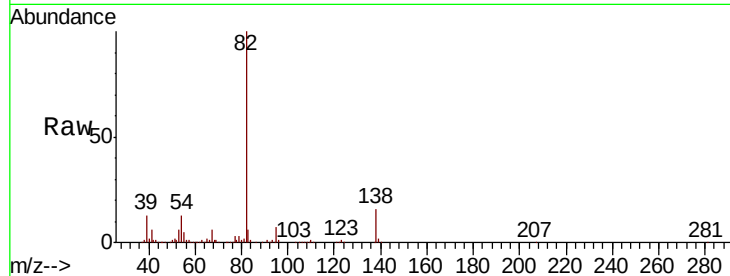
ClientSampleId :

A5169MS

Tot Ion	82	Resp	980977
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	15.8	13.0	19.4

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#23

2-Nitrophenol

Concen: 22.756 ng/ul

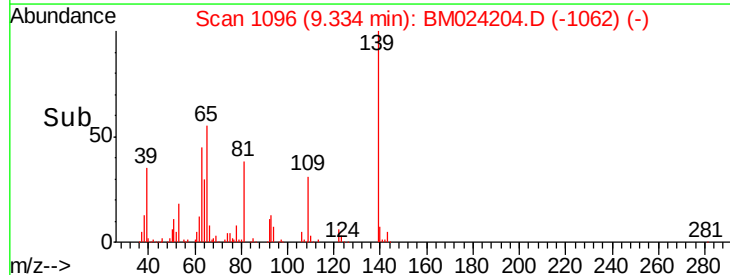
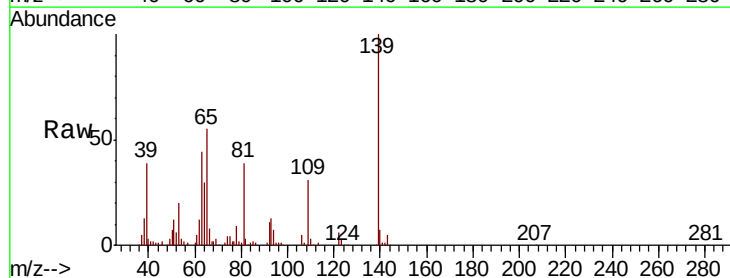
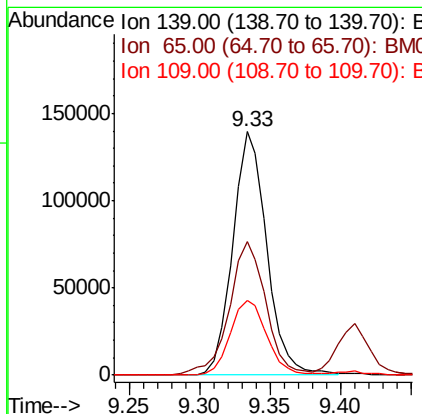
RT: 9.33 min Scan# 1096

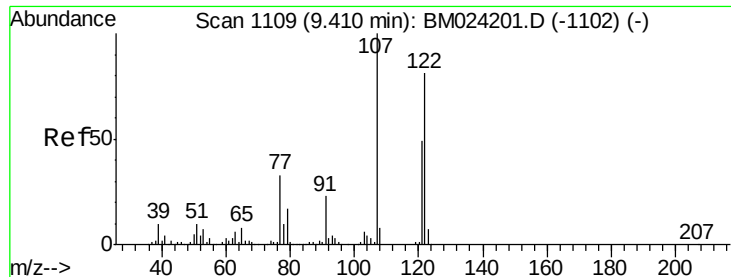
Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Tgt Ion	139	Resp	234763
Ion Ratio	Lower	Upper	
139	100		
65	54.9	40.2	60.2
109	30.6	24.6	37.0





#24

2,4-Dimethylphenol

Concen: 22.366 ng/ul

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

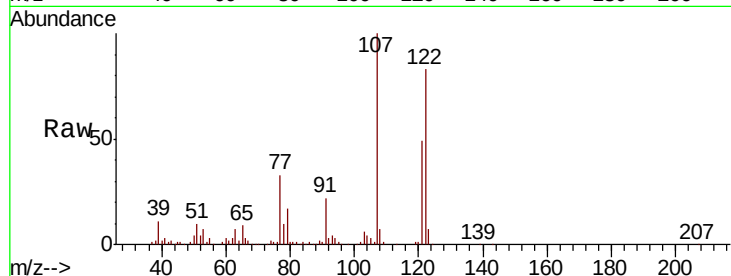
ClientSampled :

A5169MS

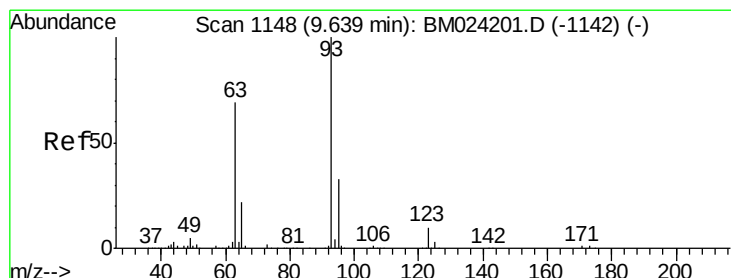
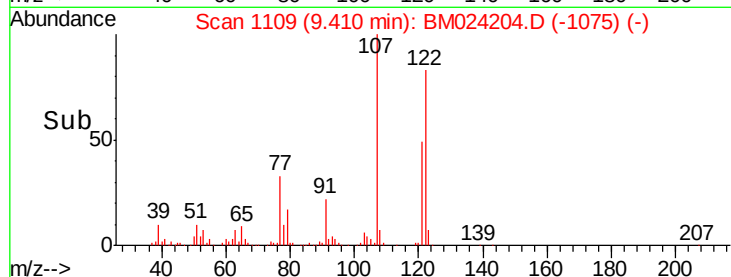
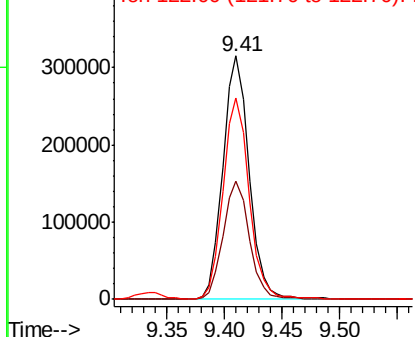
Tot Ion:	107	Resp:	497736
Ion Ratio	Lower	Upper	
107	100		
121	48.7	38.6	57.8
122	82.9	65.1	97.7

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 22.611 ng/ul

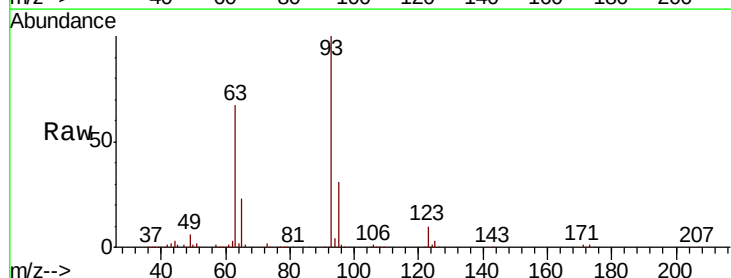
RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

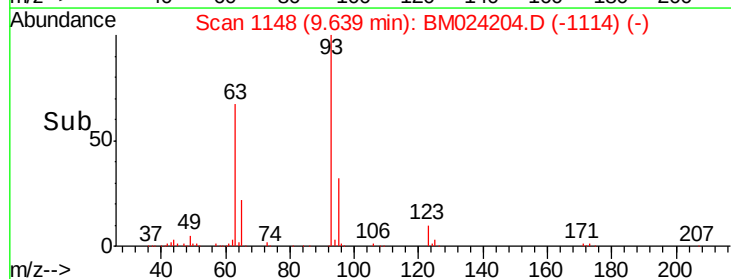
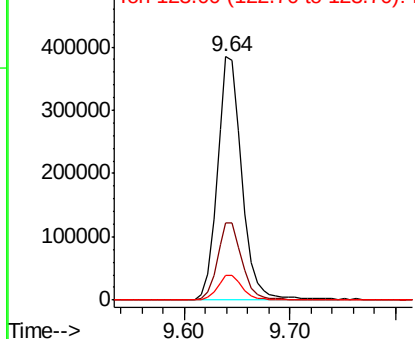
Lab File: BM024204.D

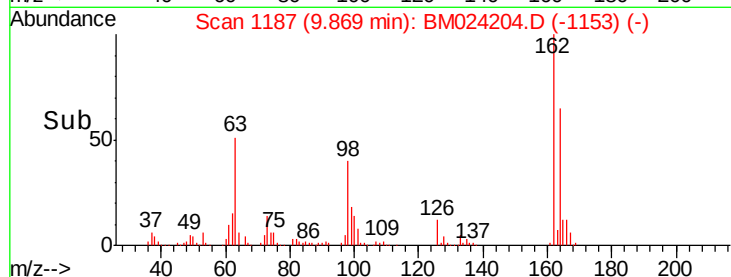
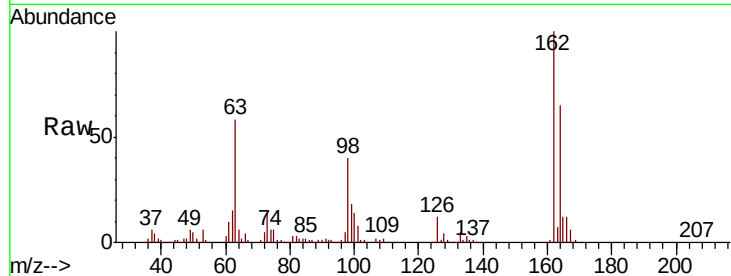
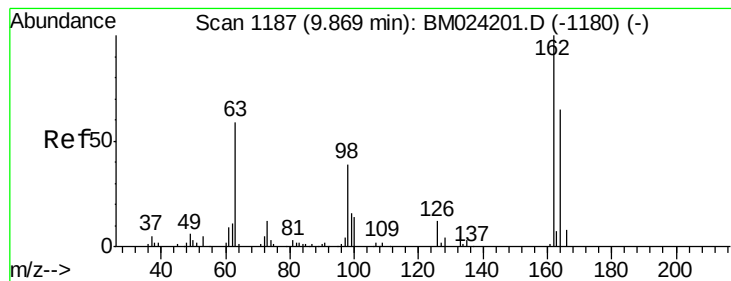
Acq: 20 Dec 2019 15:28

Tgt Ion:	93	Resp:	621982
Ion Ratio	Lower	Upper	
93	100		
95	31.5	26.2	39.2
123	10.1	8.5	12.7



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 22.271 ng/ul

RT: 9.87 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Tot Ion:	162	Resp:	397067
Ion Ratio	Lower	Upper	
162	100		
164	65.1	51.8	77.6
98	40.4	31.7	47.5

Instrument :

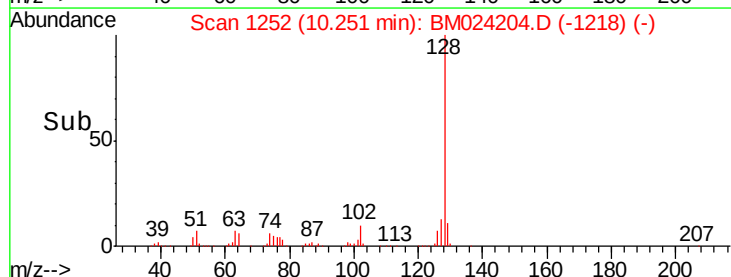
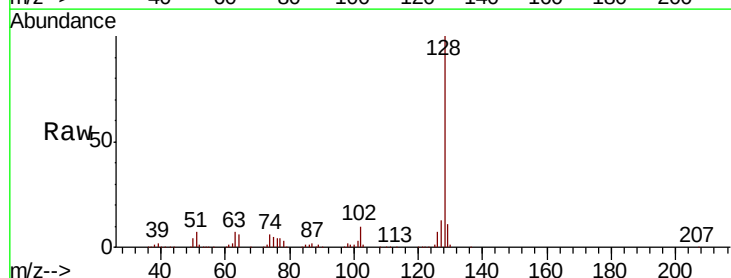
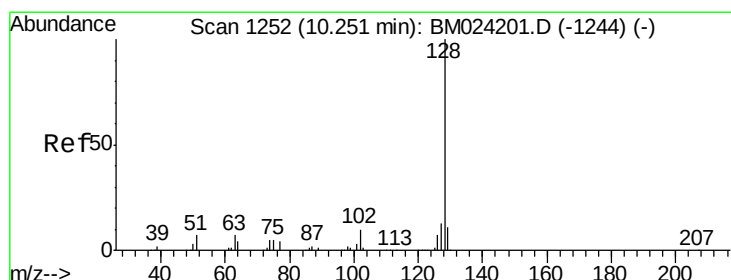
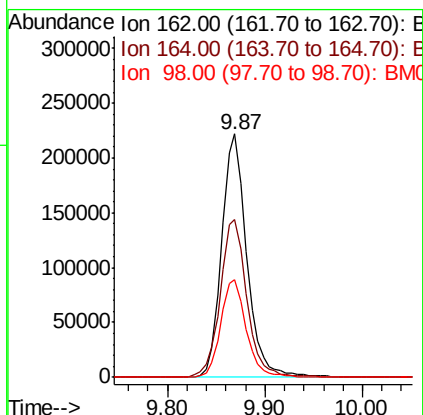
BNA_M

ClientSampleId :

A5169MS

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#28

Naphthalene

Concen: 21.688 ng/ul

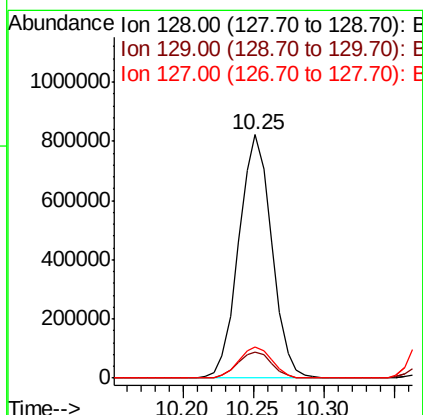
RT: 10.25 min Scan# 1252

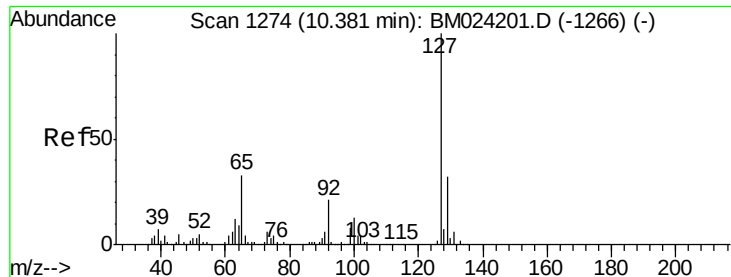
Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Tgt Ion:	128	Resp:	1347942
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	12.6	10.3	15.5





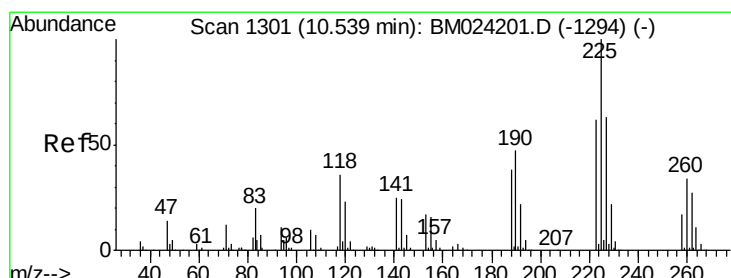
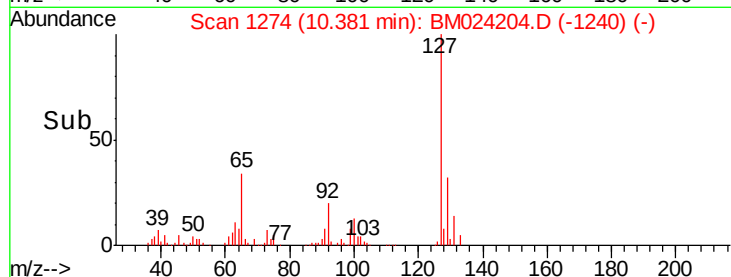
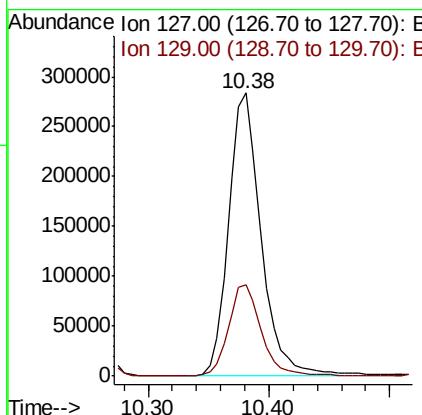
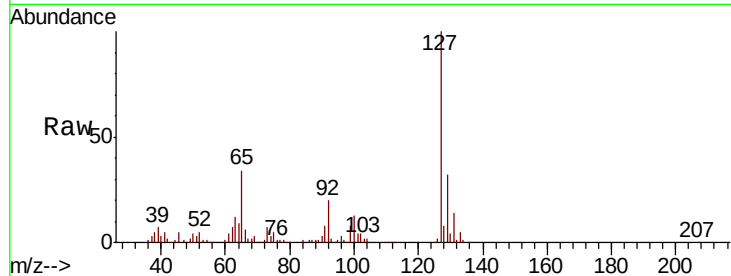
#30
4-Chloroaniline
Concen: 23.740 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9

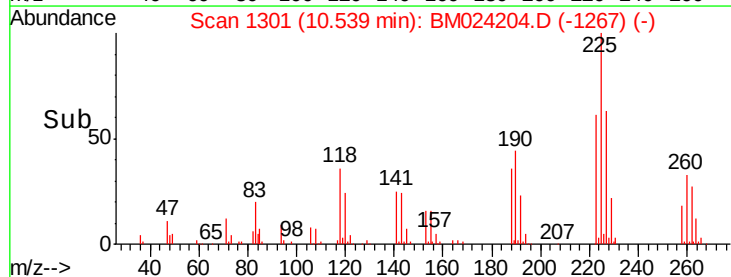
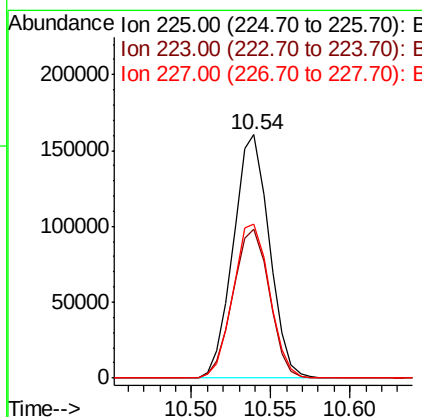
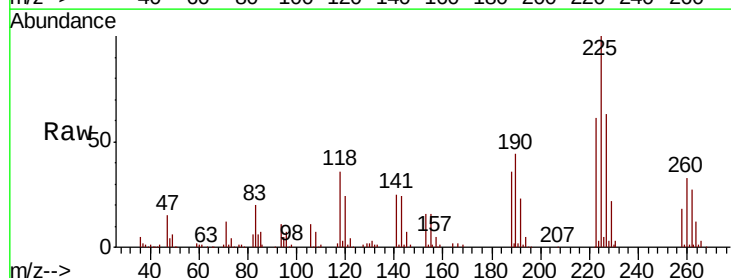
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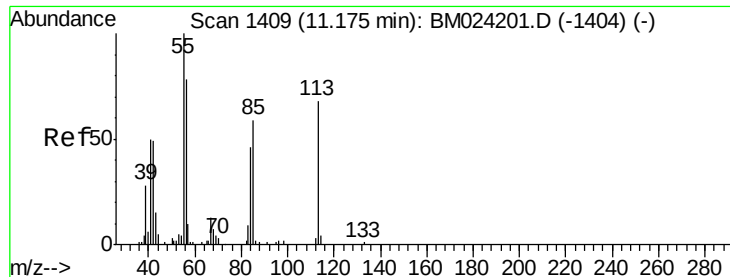
mohammad
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#31
Hexachlorobutadiene
Concen: 22.970 ng/ul
RT: 10.54 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.1	73.7
227	63.2	50.8	76.2





#32

Caprolactam

Concen: 17.801 ng/ul m

RT: 11.18 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion:113 Resp: 119929

Ion Ratio Lower Upper

113 100

55 153.5 121.0 181.6

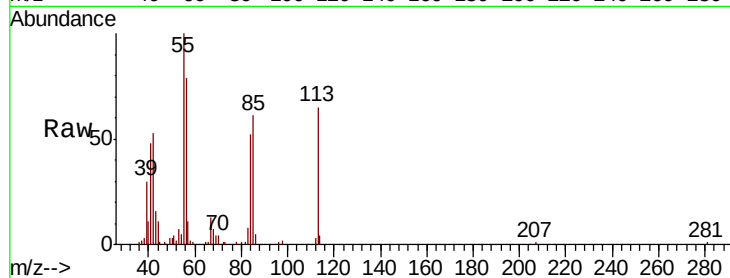
56 121.4 96.8 145.2

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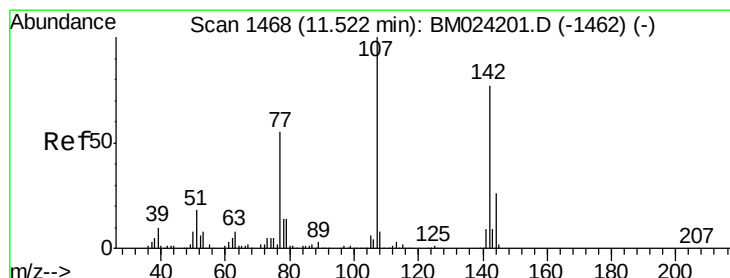
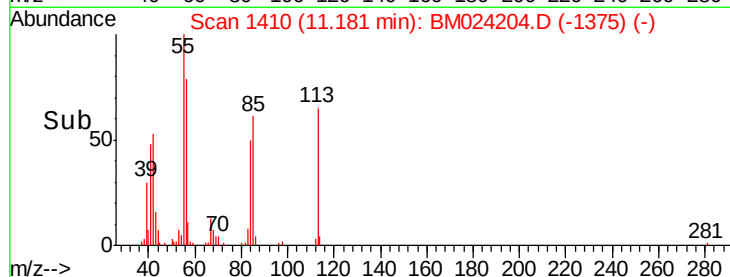
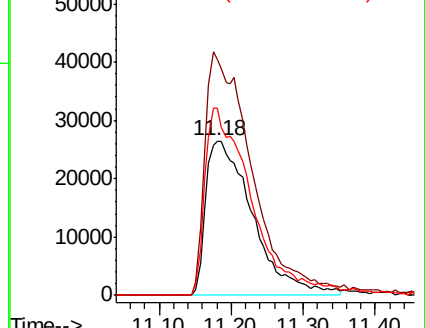
12/23/2019 11:55:35 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 20.721 ng/ul

RT: 11.52 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

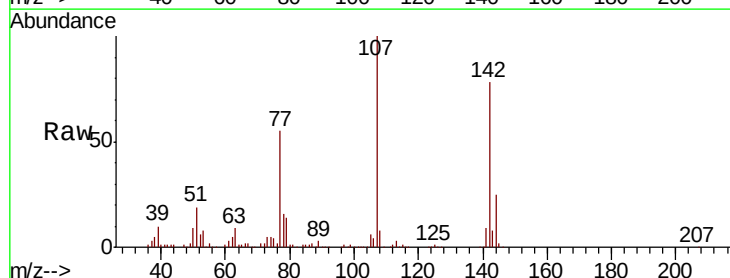
Tgt Ion:107 Resp: 443307

Ion Ratio Lower Upper

107 100

144 25.2 19.8 29.8

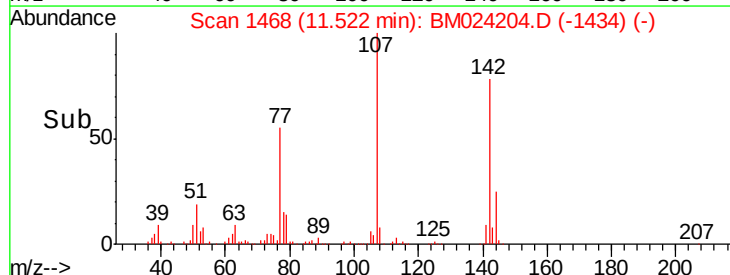
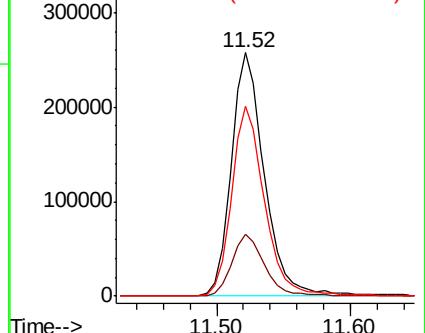
142 78.1 63.3 94.9

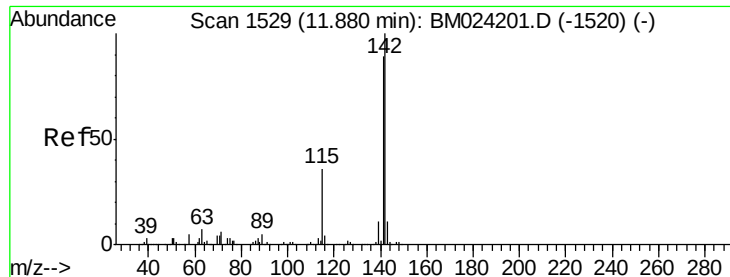


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





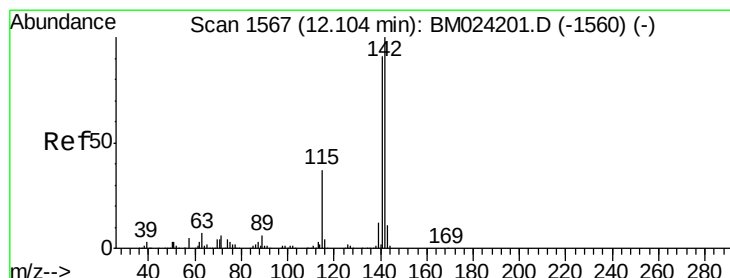
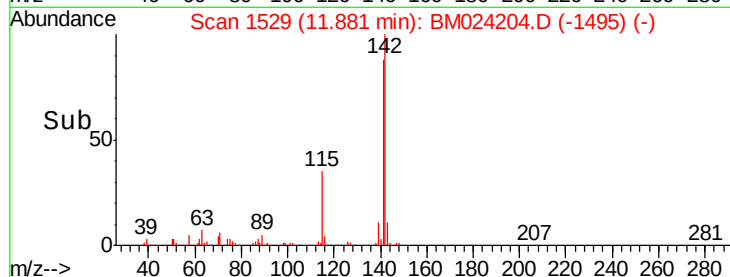
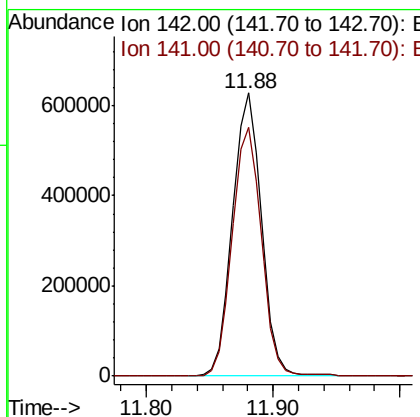
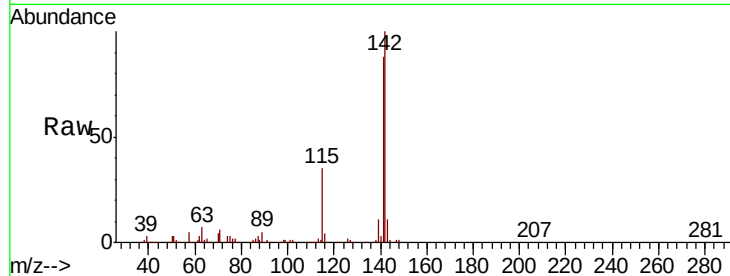
#34
2-Methylnaphthalene
Concen: 22.272 ng/ul
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3

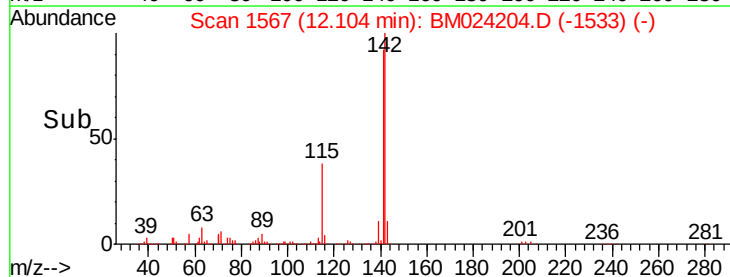
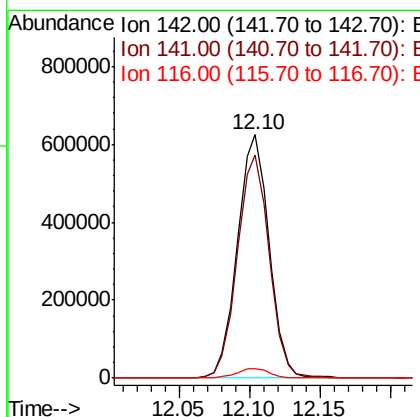
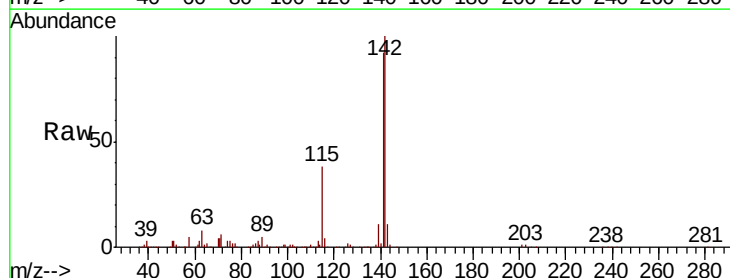
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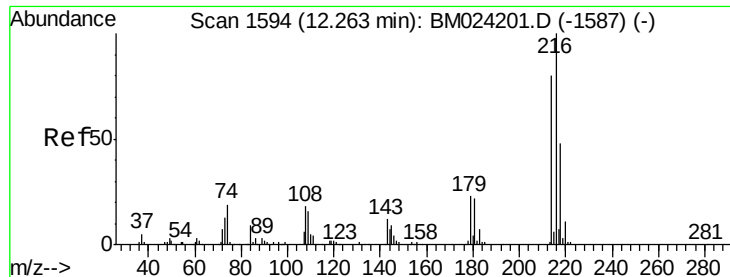
mohammad
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#35
1-Methylnaphthalene
Concen: 21.575 ng/ul
RT: 12.10 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1
116	3.8	3.0	4.6





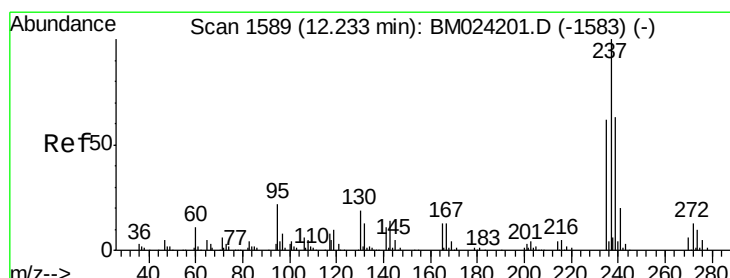
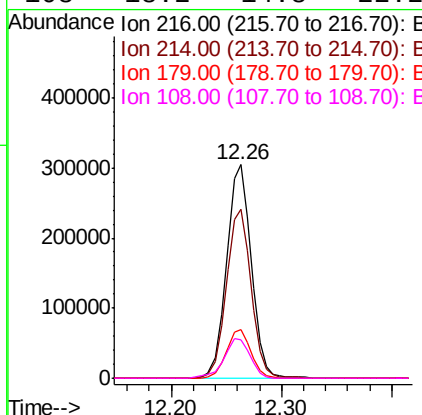
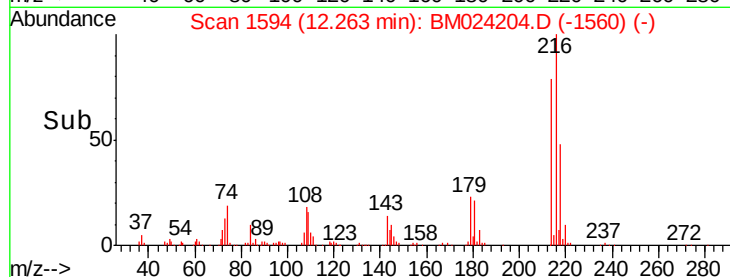
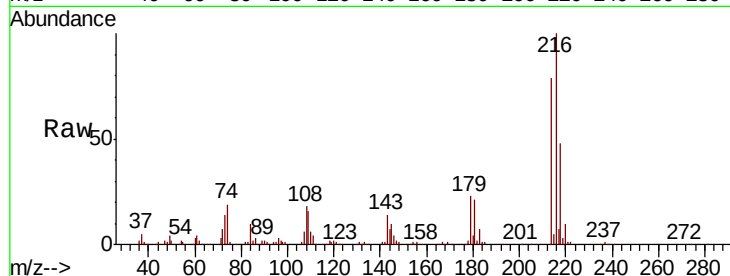
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.693 ng/ul
 RT: 12.26 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
 ClientSampleId :
 A5169MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		478371		
214	79.3	62.7	94.1		
179	22.9	17.6	26.4		
108	18.2	14.8	22.2		

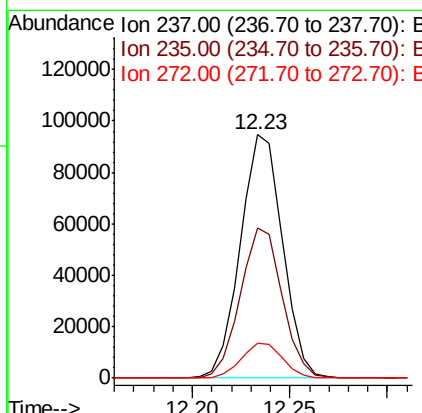
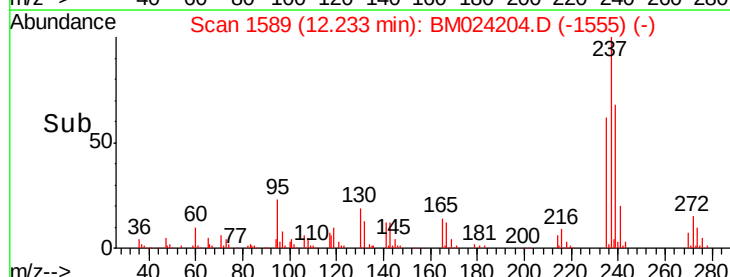
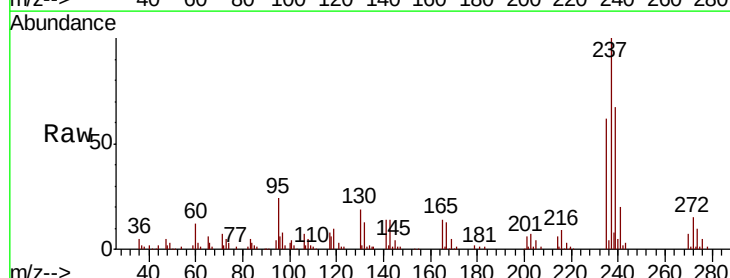
Manual Integrations
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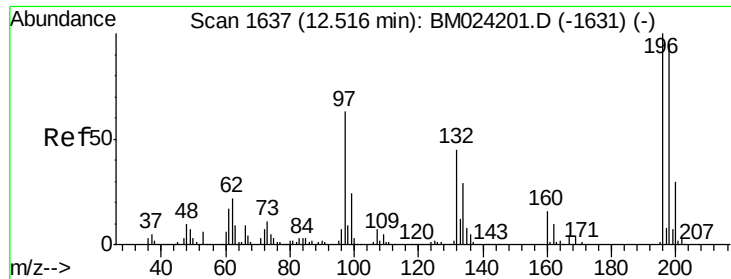
mohammad
 12/23/2019 11:55:35 AM



#38
 Hexachlorocyclopentadiene
 Concen: 15.575 ng/ul
 RT: 12.23 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		141695		
235	61.8	46.9	70.3		
272	14.6	11.0	16.4		





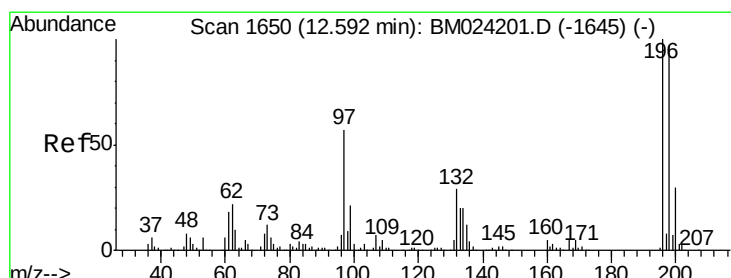
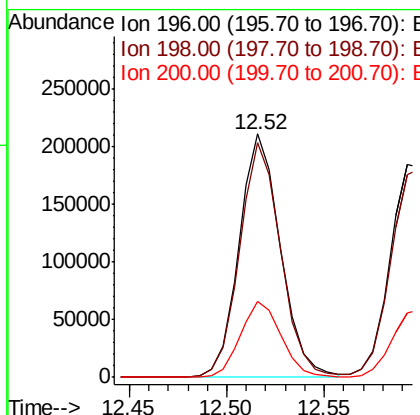
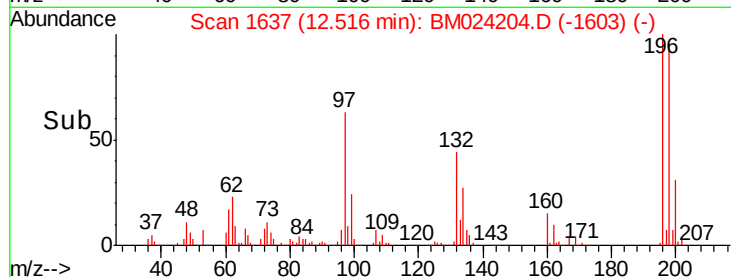
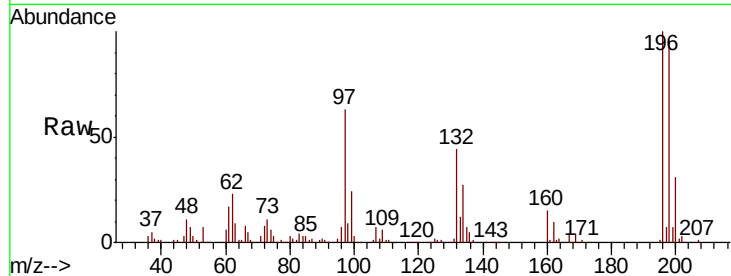
#39
 2,4,6-Trichlorophenol
 Concen: 23.098 ng/ul
 RT: 12.52 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
 ClientSampleID :
 A5169MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	308435		
198	96.2	76.9	115.3	
200	31.0	23.8	35.6	

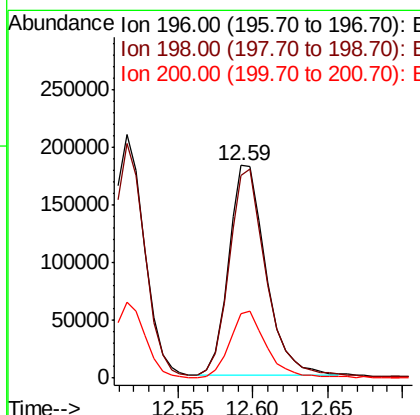
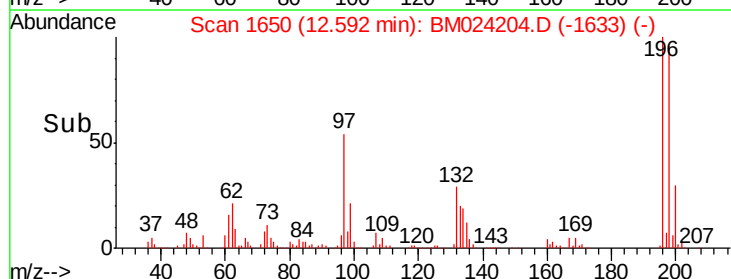
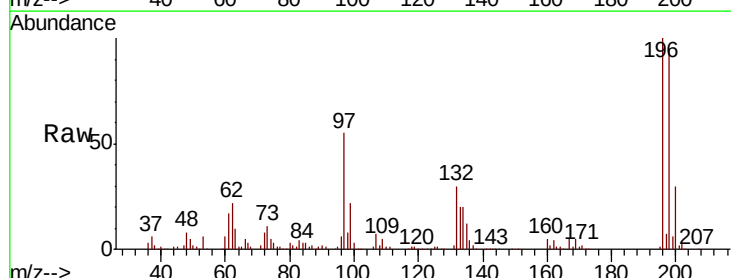
Manual Integrations
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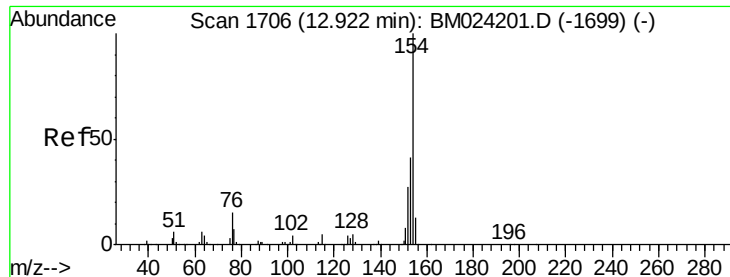
mohammad
 12/23/2019 11:55:35 AM



#40
 2,4,5-Trichlorophenol
 Concen: 21.890 ng/ul
 RT: 12.59 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	315099		
198	95.3	75.0	112.4	
200	30.1	23.6	35.4	





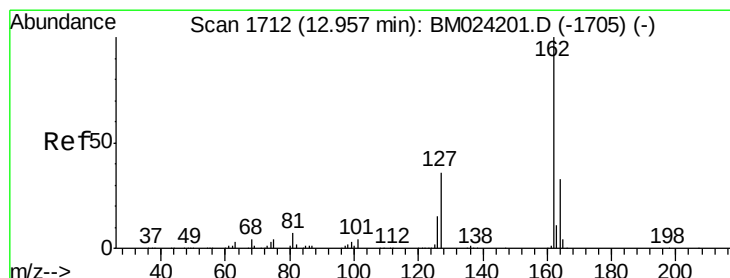
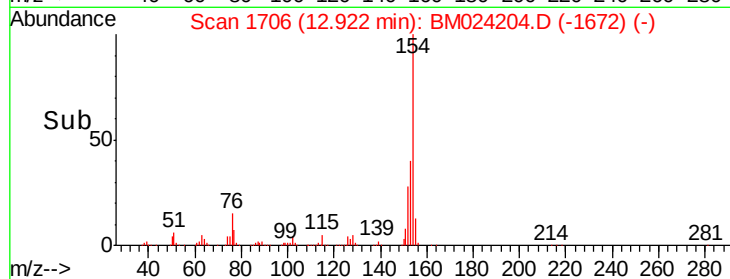
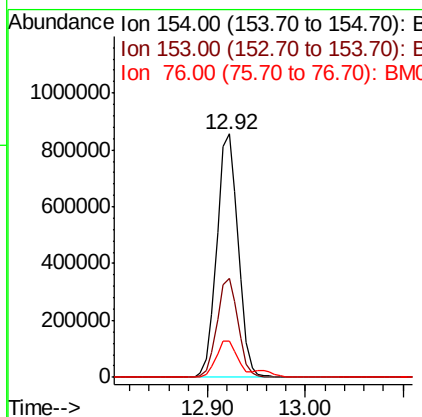
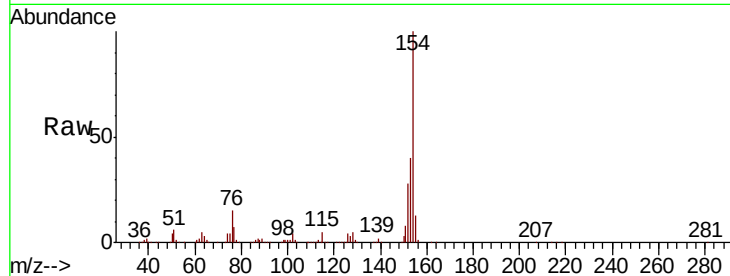
#41
 1,1'-Biphenyl
 Concen: 23.159 ng/ul
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
 ClientSampleId :
 A5169MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.2	48.4
76	15.1	12.2	18.2

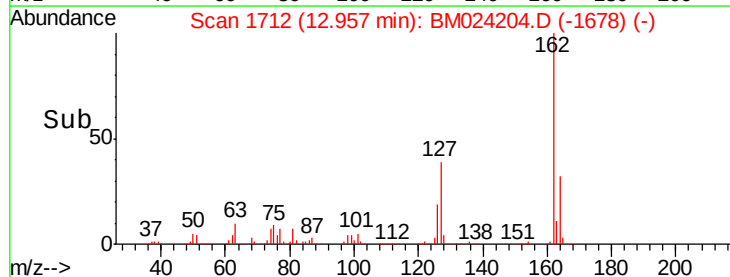
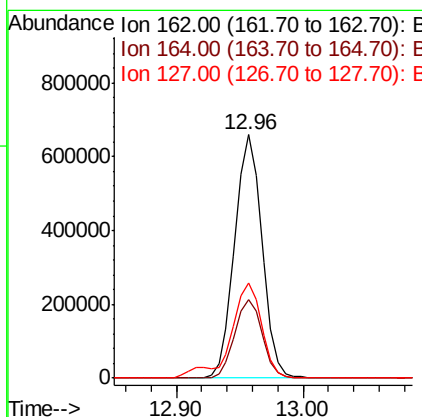
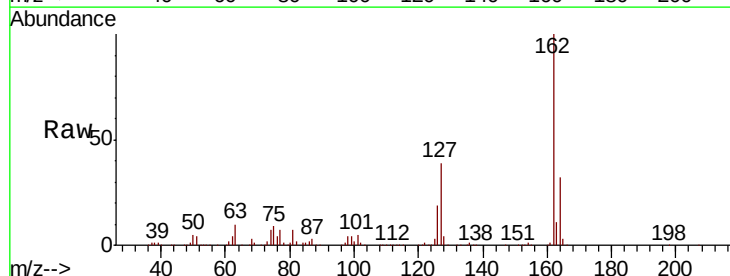
Manual Integrations
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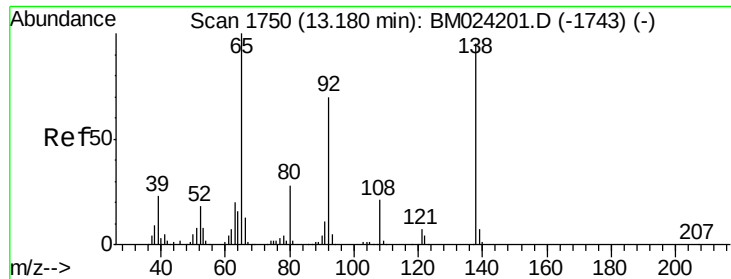
mohammad
 12/23/2019 11:55:35 AM



#42
 2-Chloronaphthalene
 Concen: 22.500 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.2	25.9	38.9
127	39.3	31.4	47.2





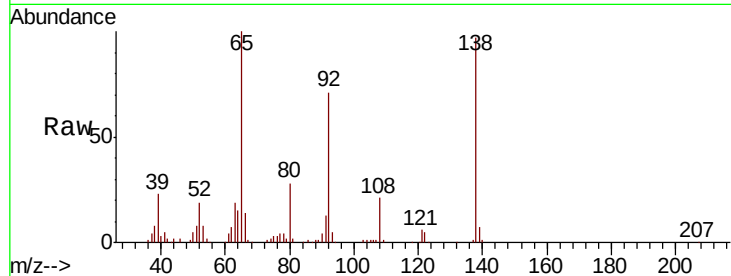
#43
2-Nitroaniline
Concen: 22.281 ng/ul
RT: 13.18 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.5	56.7	85.1
138	97.4	81.0	121.4

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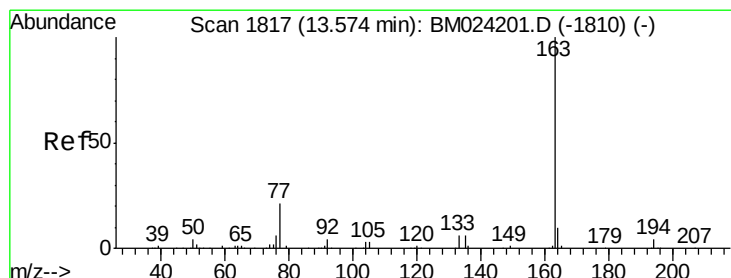
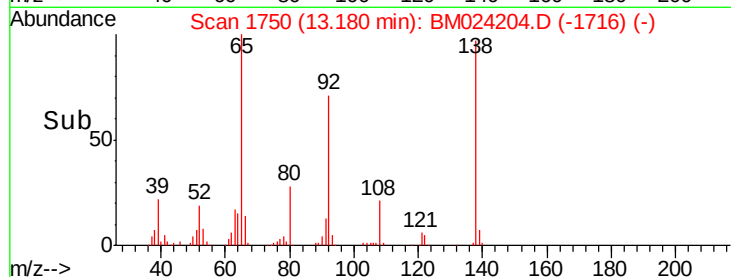
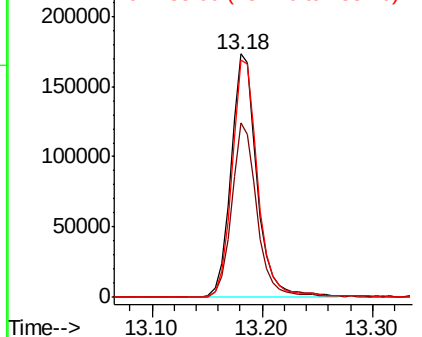


Abundance

Ion 65.00 (64.70 to 65.70): BM024204.D (-1743) (-)

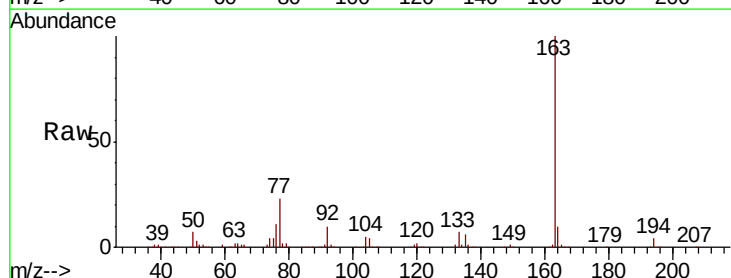
Ion 92.00 (91.70 to 92.70): BM024204.D (-1743) (-)

Ion 138.00 (137.70 to 138.70): BM024204.D (-1743) (-)



#45
Dimethylphthalate
Concen: 21.728 ng/ul
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.8	11.6

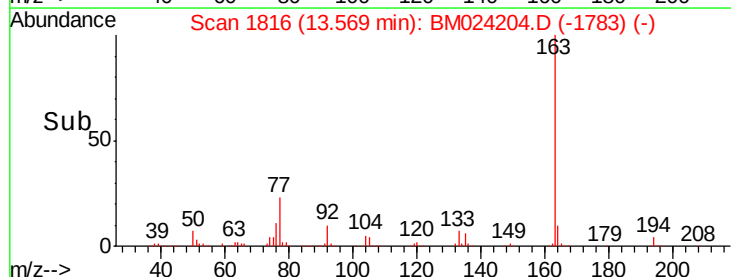
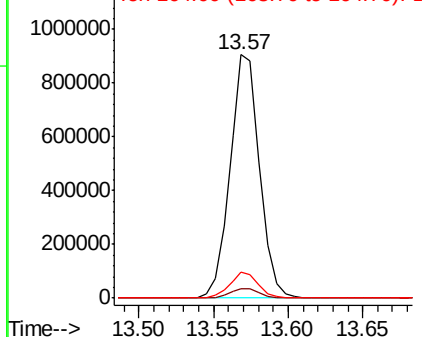


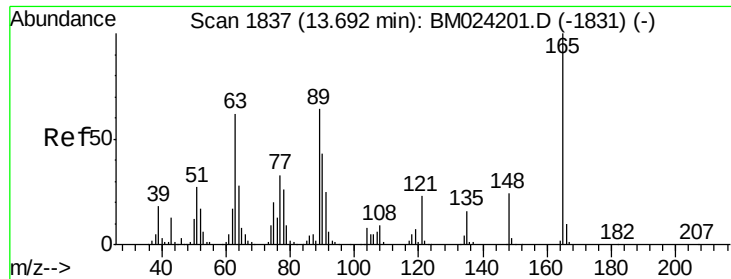
Abundance

Ion 163.00 (162.70 to 163.70): BM024204.D (-1783) (-)

Ion 194.00 (193.70 to 194.70): BM024204.D (-1783) (-)

Ion 164.00 (163.70 to 164.70): BM024204.D (-1783) (-)





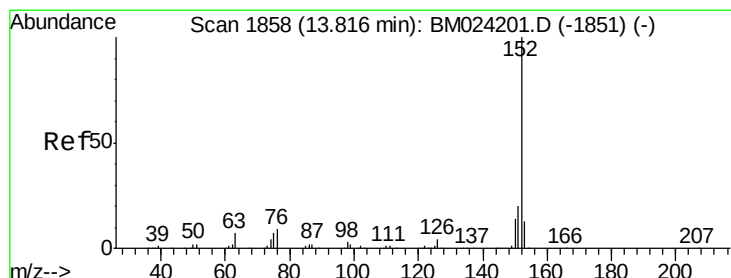
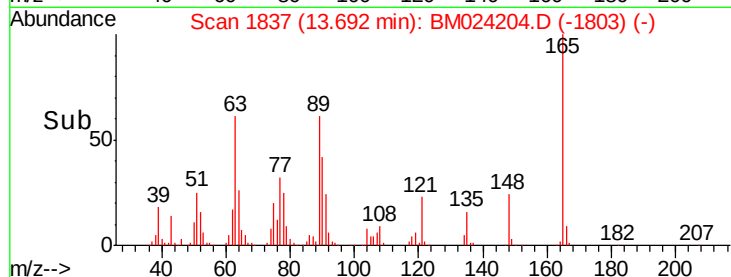
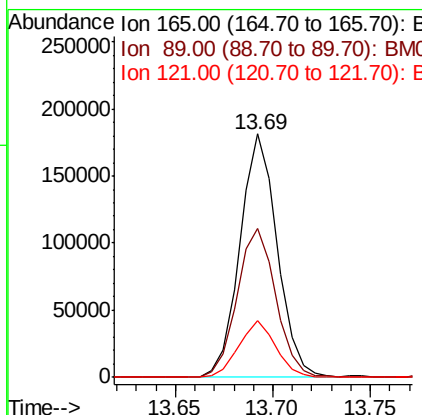
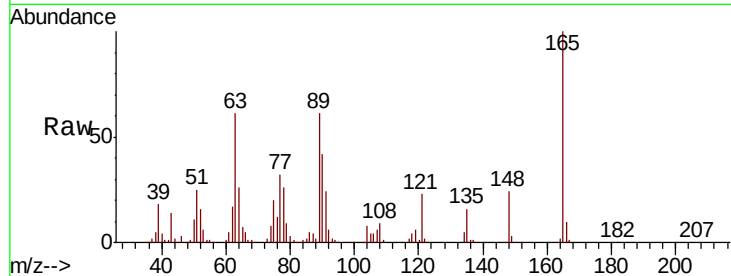
#46
2,6-Dinitrotoluene
Concen: 21.224 ng/ul
RT: 13.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampled :
A5169MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	239980		
89	61.0	47.0	70.4	
121	23.1	17.1	25.7	

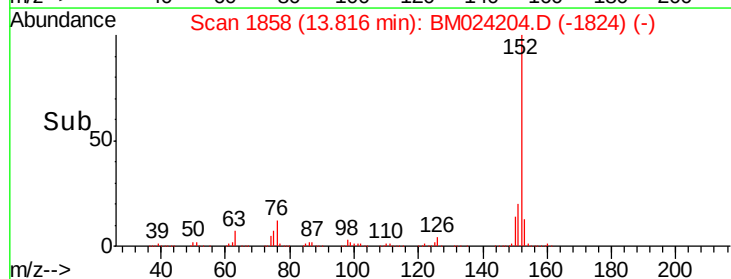
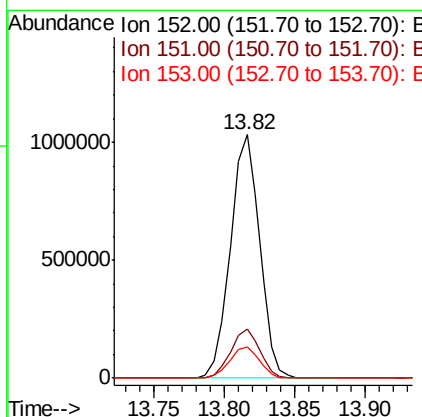
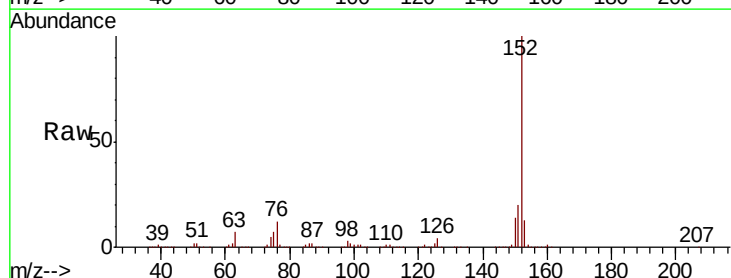
Manual Integrations
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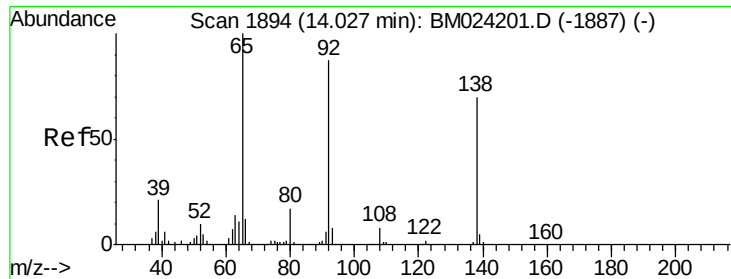
mohammad
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#48
Acenaphthylene
Concen: 21.213 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1490439		
151	20.3	16.0	24.0	
153	12.9	10.6	16.0	





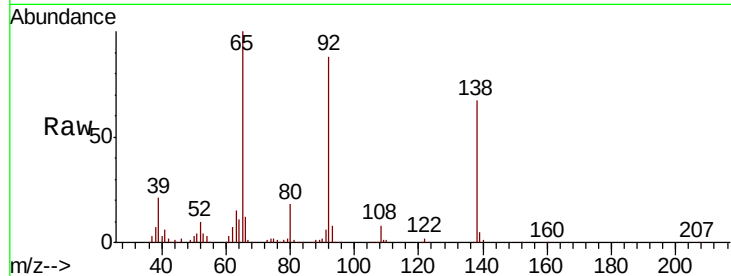
#49
3-Nitroaniline
Concen: 21.250 ng/ul
RT: 14.02 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.8	13.2
92	130.3	97.3	145.9

Manual Integrations
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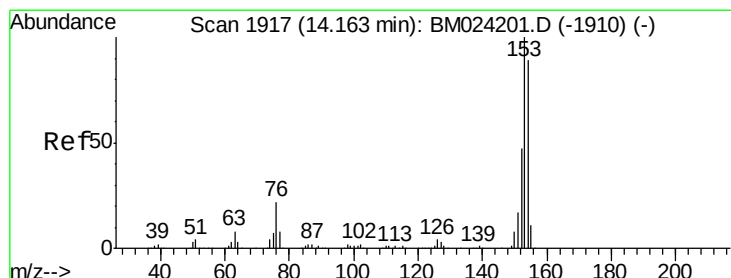
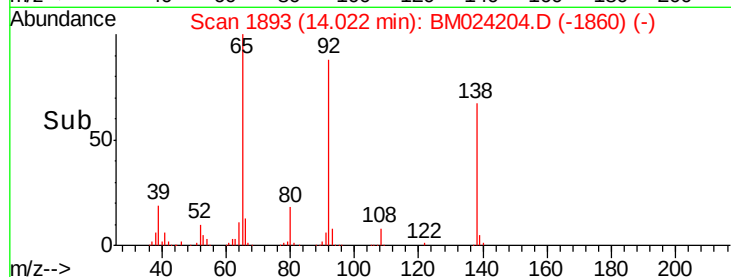
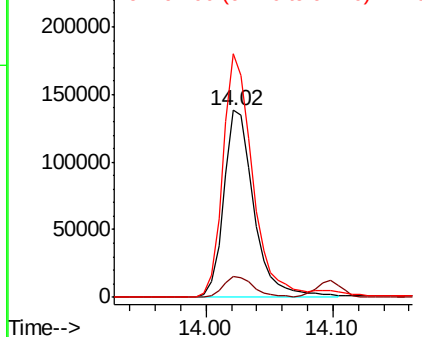


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#50
Acenaphthene
Concen: 22.010 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

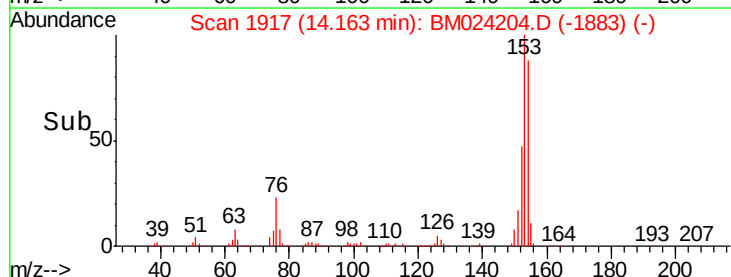
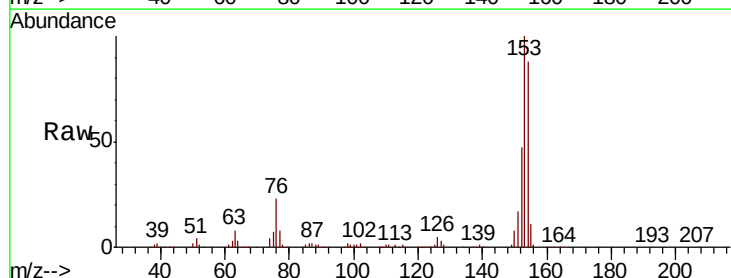
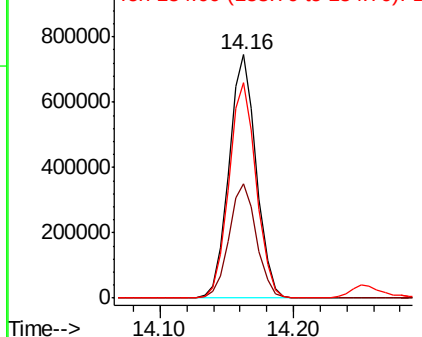
Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.8	56.6
154	88.4	71.1	106.7

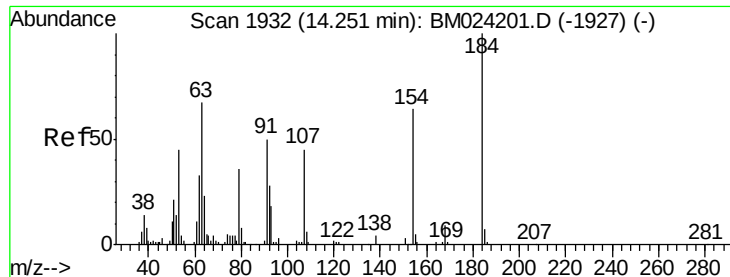
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





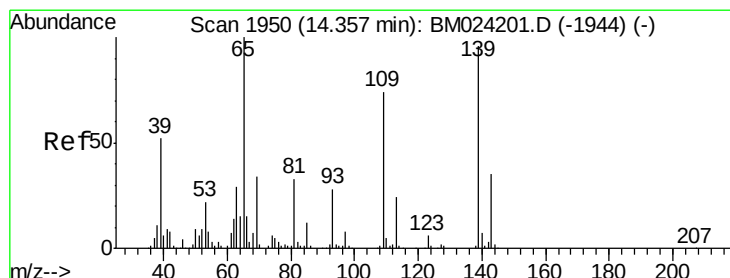
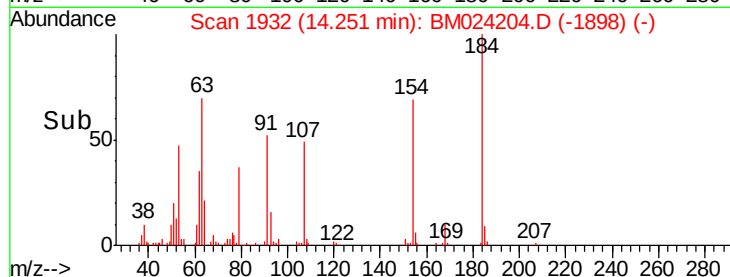
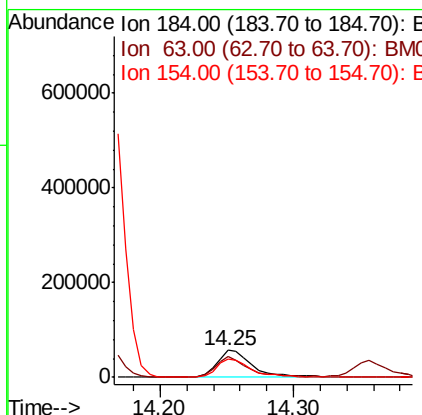
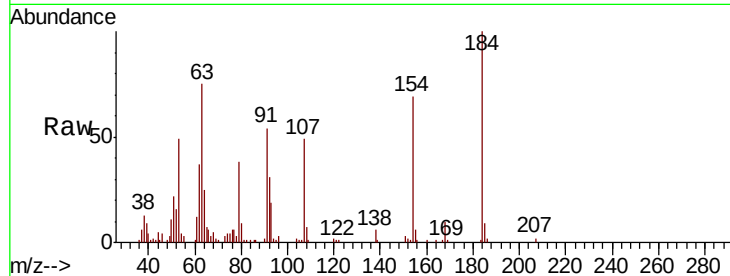
#51
2,4-Dinitrophenol
Concen: 16.772 ng/ul
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	106570		
63	74.7	57.0	85.6	
154	69.1	51.0	76.4	

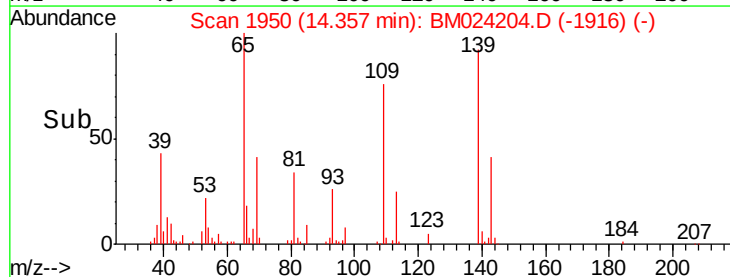
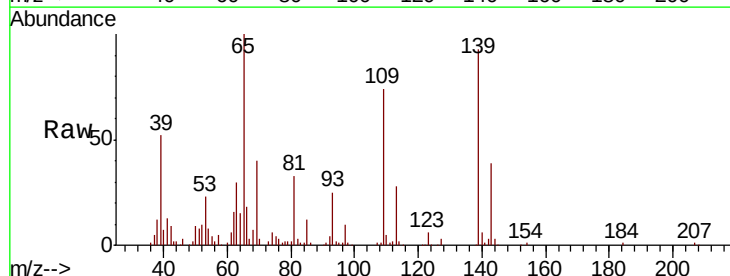
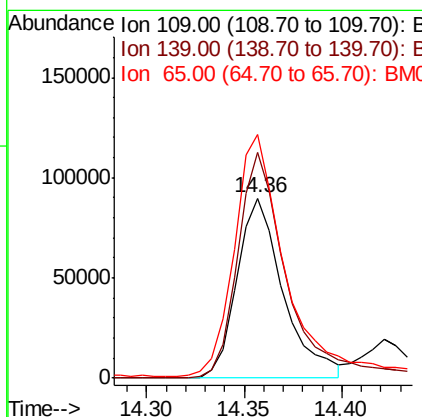
Manual Integrations
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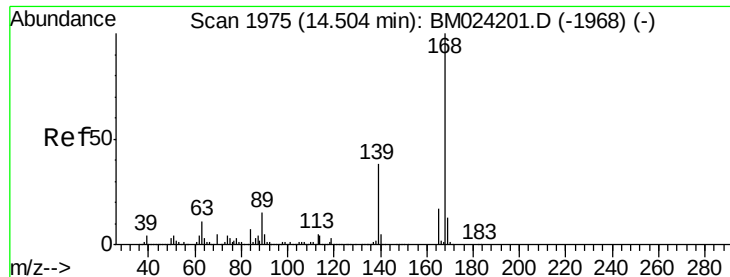
mohammad
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#53
4-Nitrophenol
Concen: 18.759 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	148339		
139	125.1	105.0	157.4	
65	135.2	113.0	169.4	





#54

Dibenzofuran

Concen: 22.386 ng/ul

RT: 14.50 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion:168 Resp: 1503460

Ion Ratio Lower Upper

168 100

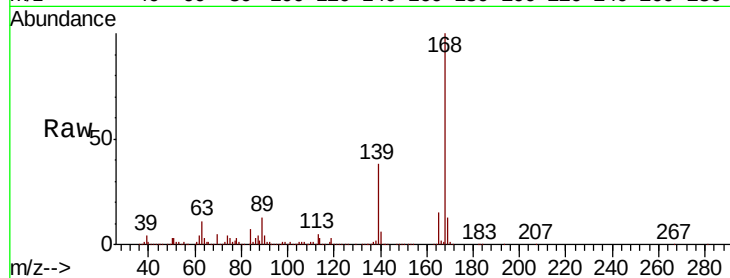
139 37.6 30.4 45.6

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

1200000

1000000

800000

600000

400000

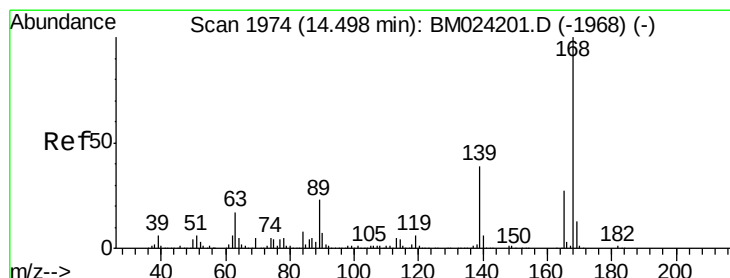
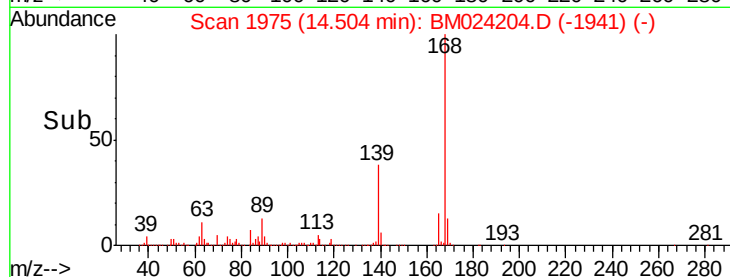
200000

0

14.50

14.60

Time-->



#55

2,4-Dinitrotoluene

Concen: 21.218 ng/ul

RT: 14.50 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

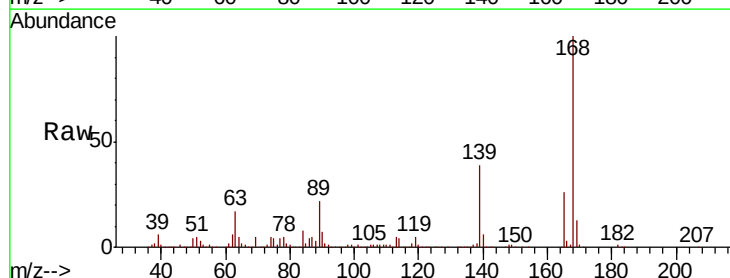
Tgt Ion:165 Resp: 362308

Ion Ratio Lower Upper

165 100

63 64.8 43.6 65.4

182 2.9 2.3 3.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

300000

250000

200000

150000

100000

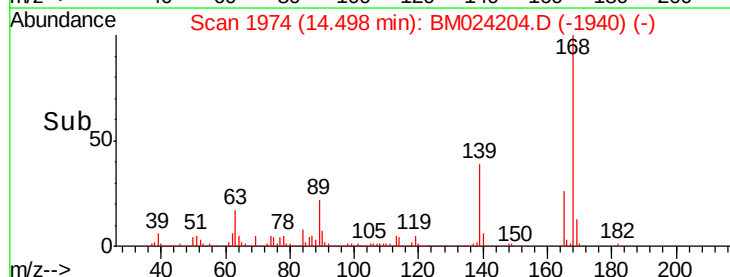
50000

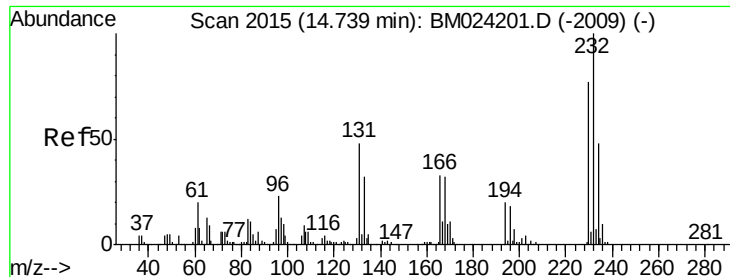
0

14.50

14.60

Time-->





#56

2,3,4,6-Tetrachlorophenol

Concen: 22.031 ng/ul

RT: 14.74 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion:232 Resp: 286697
Ion Ratio Lower Upper

232 100

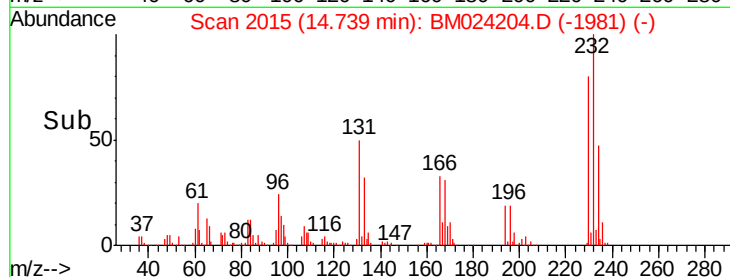
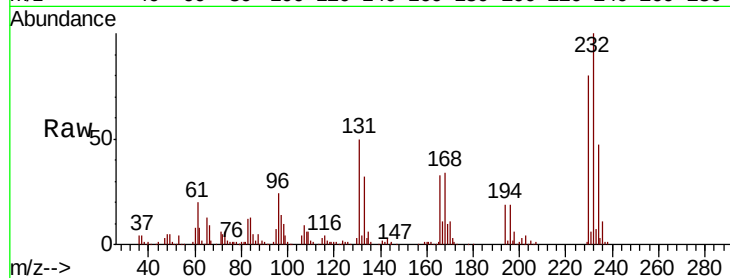
131 50.4 36.4 54.6

130 2.7 1.9 2.9

166 33.2 25.6 38.4

Manual Integrations
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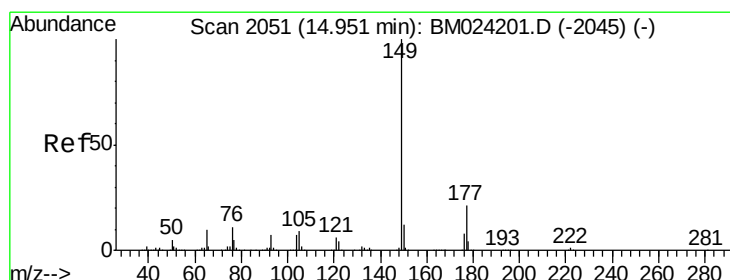
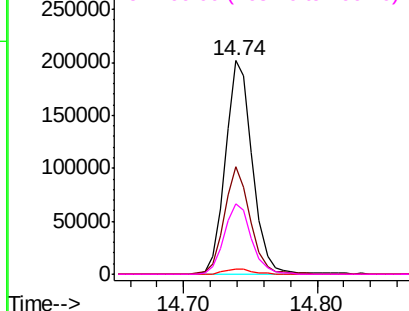
Abundance

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: 22.534 ng/ul

RT: 14.95 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BM024204.D

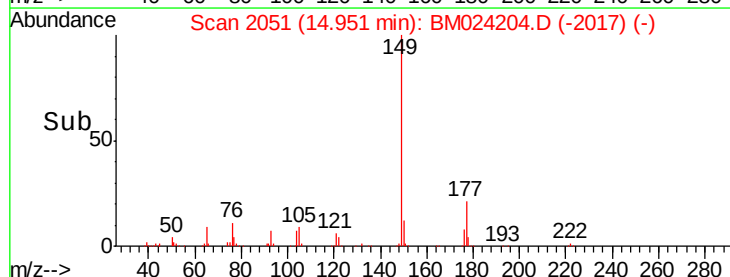
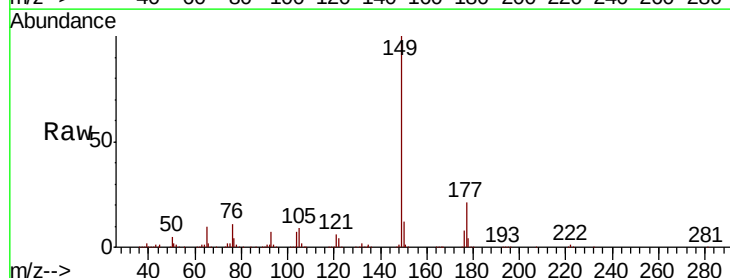
Acq: 20 Dec 2019 15:28

Tgt Ion:149 Resp: 1315062
Ion Ratio Lower Upper

149 100

177 21.1 17.1 25.7

150 12.0 9.9 14.9

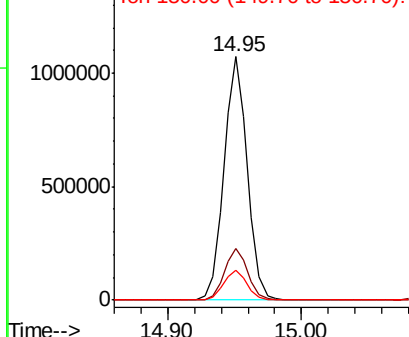


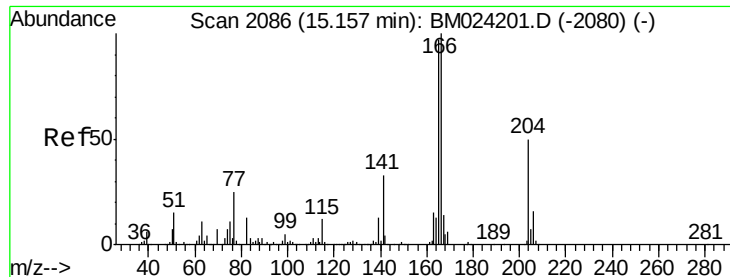
Abundance

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: 21.389 ng/ul

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion:166 Resp: 1213091

Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

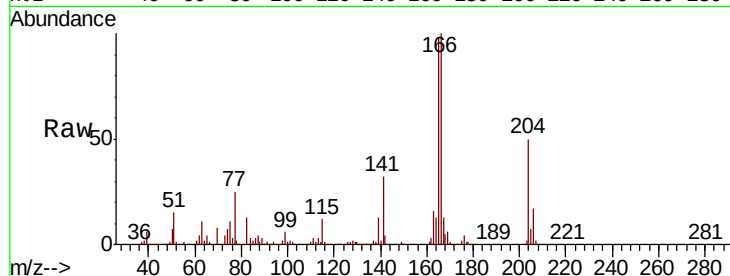
167 13.0 10.4 15.6

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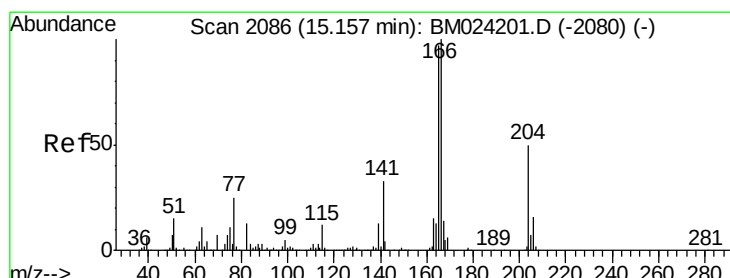
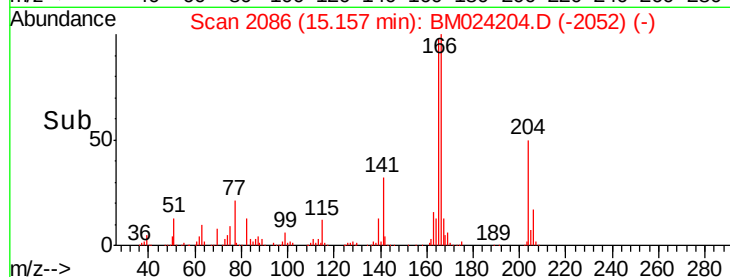
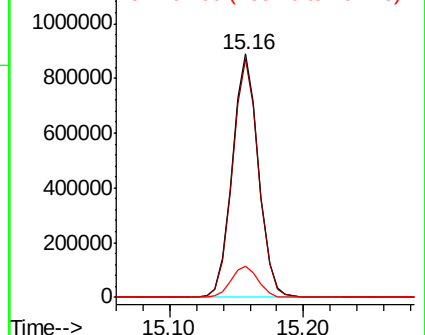
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Abundance Ion 166.00 (165.70 to 166.70): E
1200000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 21.860 ng/ul

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

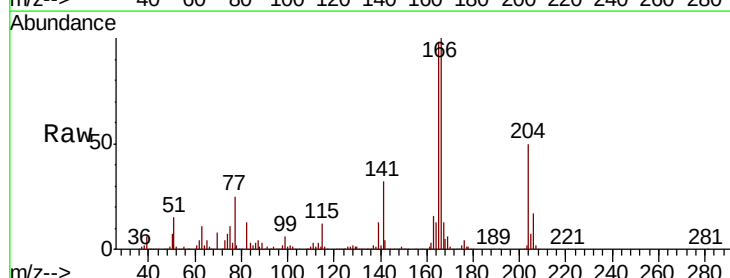
Tgt Ion:204 Resp: 602880

Ion Ratio Lower Upper

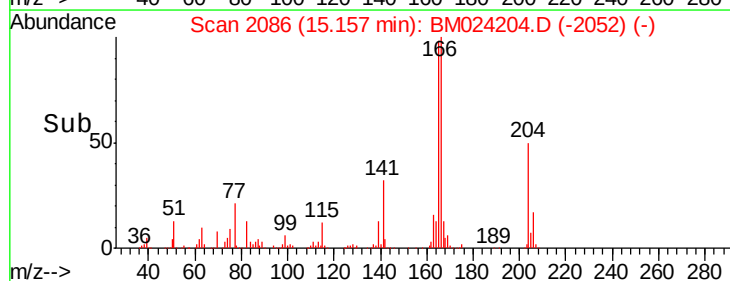
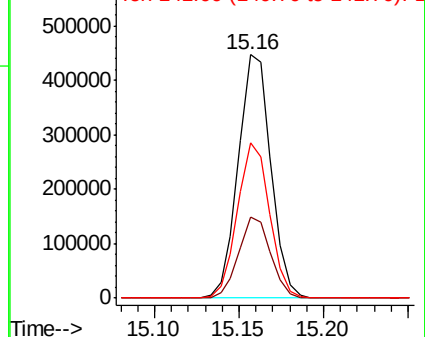
204 100

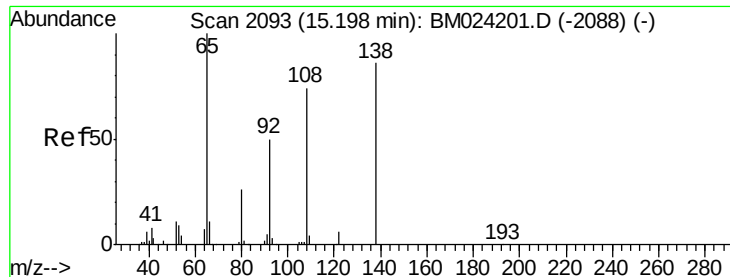
206 33.0 25.8 38.6

141 63.7 48.0 72.0



Abundance Ion 204.00 (203.70 to 204.70): E
600000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





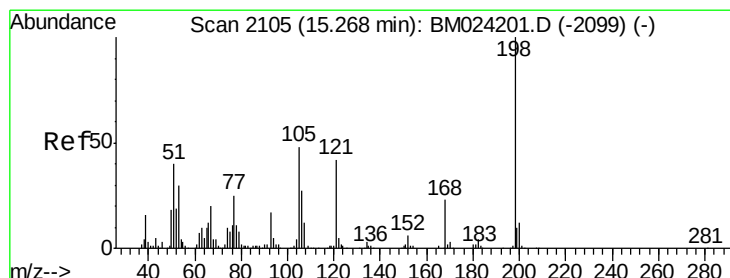
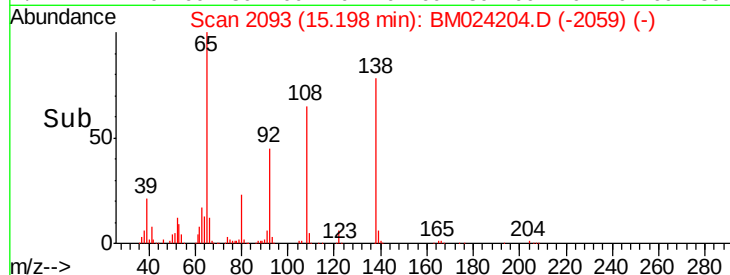
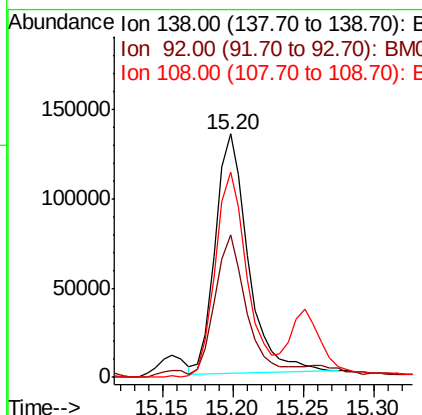
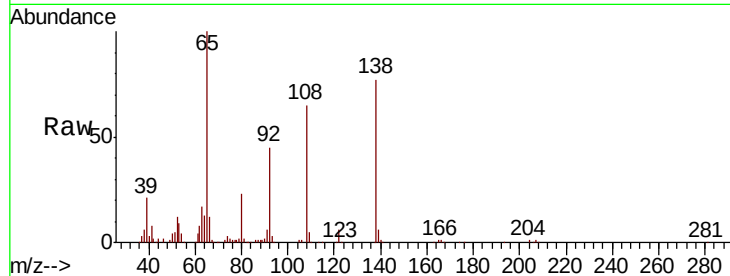
#61
4-Nitroaniline
Concen: 18.363 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.5	44.5	66.7
108	84.2	65.8	98.8

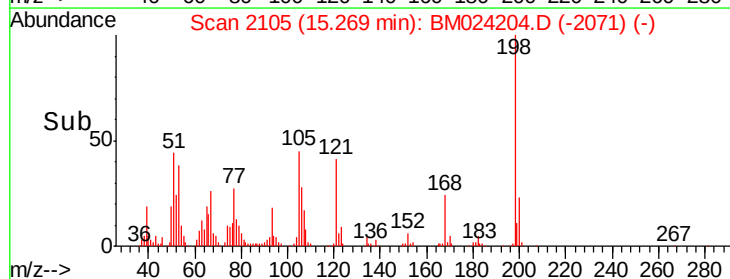
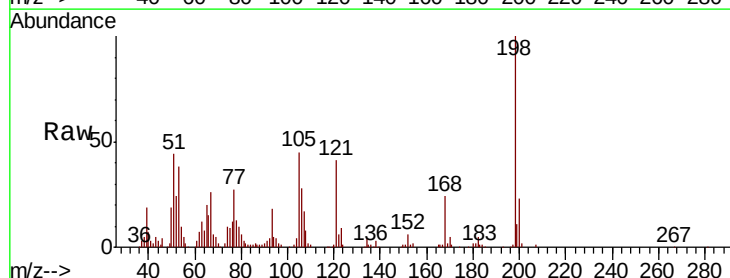
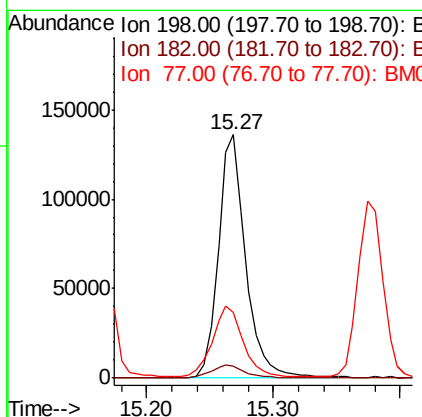
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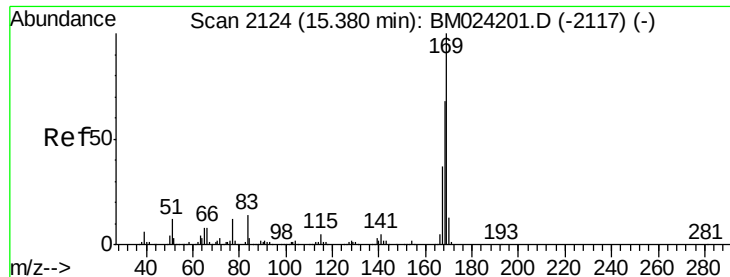
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.272 ng/ul
RT: 15.27 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
198	100		
182	4.9	4.1	6.1
77	26.8	21.9	32.9





#65

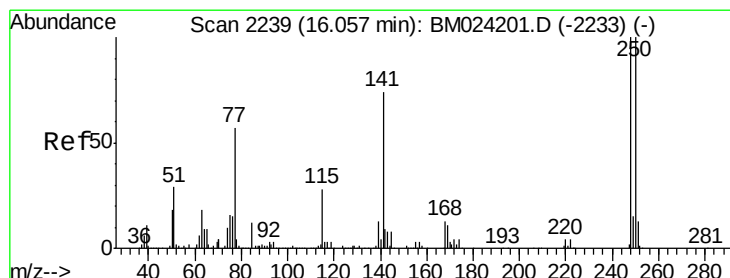
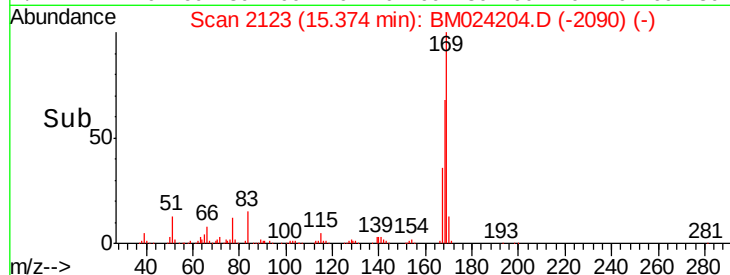
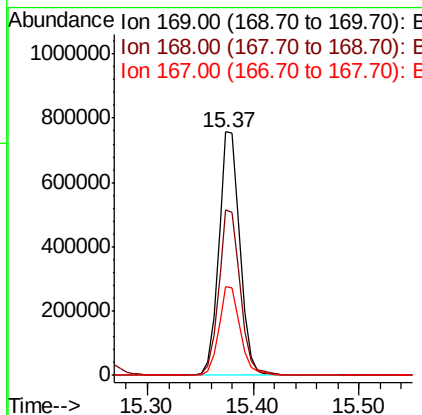
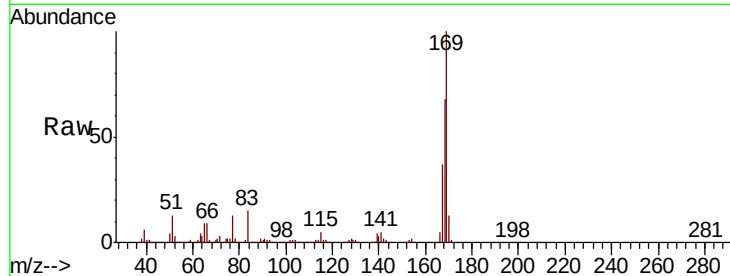
N-Nitrosodiphenylamine
Concen: 23.609 ng/ul
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.5	28.7	43.1

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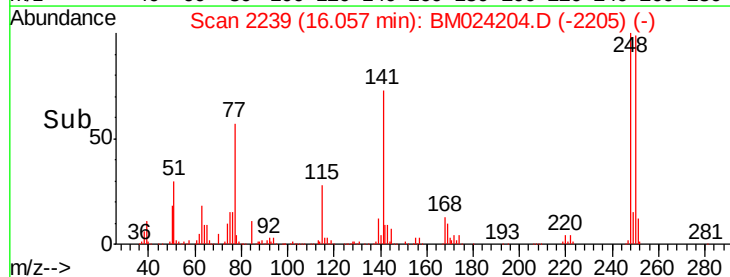
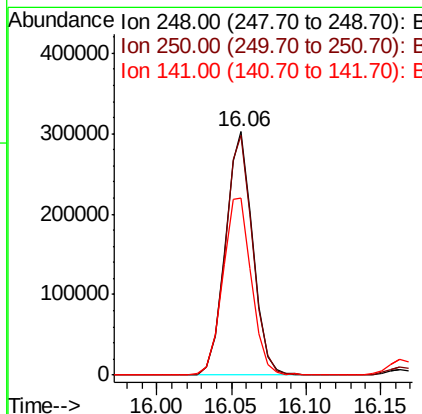
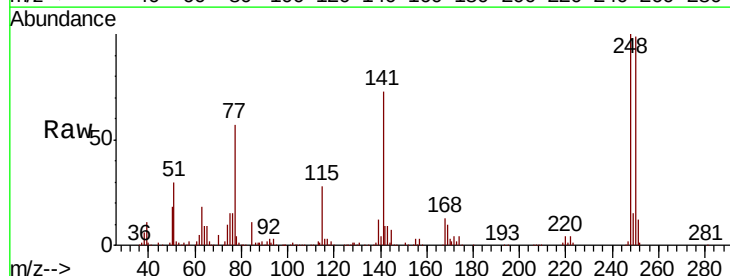
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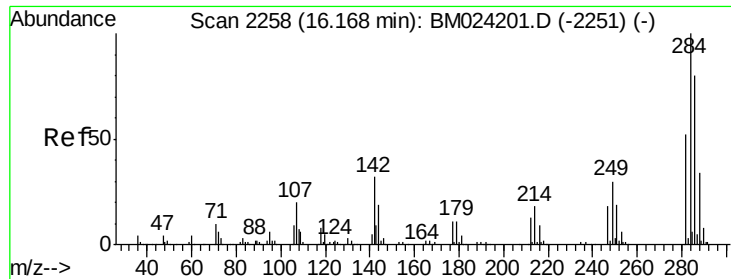


#66

4-Bromophenyl-phenylether
Concen: 23.772 ng/ul
RT: 16.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.9	118.3
141	72.5	60.3	90.5





#67

Hexachlorobenzene

Concen: 22.403 ng/ul

RT: 16.17 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

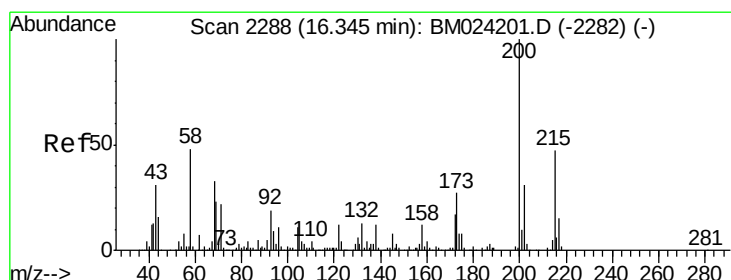
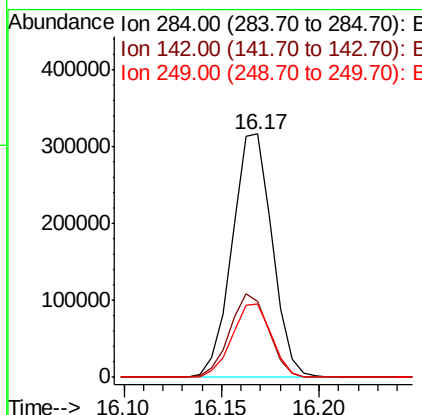
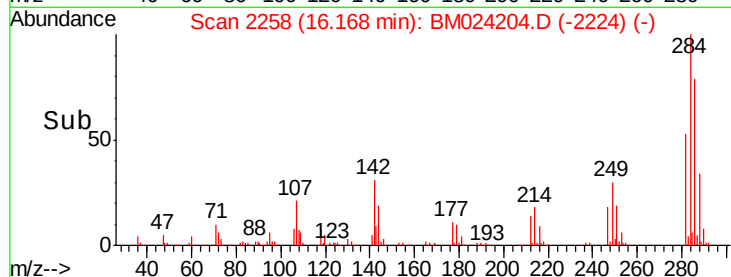
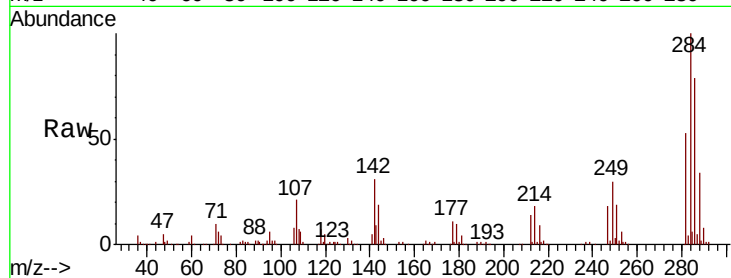
ClientSampleId :

A5169MS

Tot Ion:	284	Resp:	448741
Ion Ratio	Lower	Upper	
284	100		
142	31.2	27.4	41.0
249	30.0	23.8	35.6

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#68

Atrazine

Concen: 22.138 ng/ul

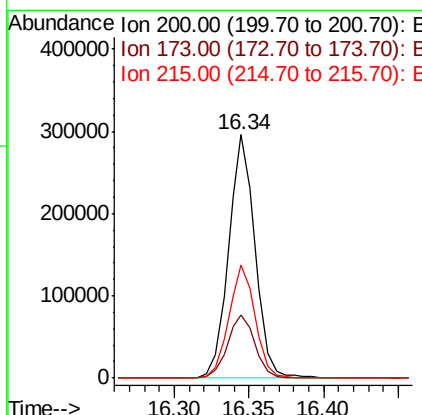
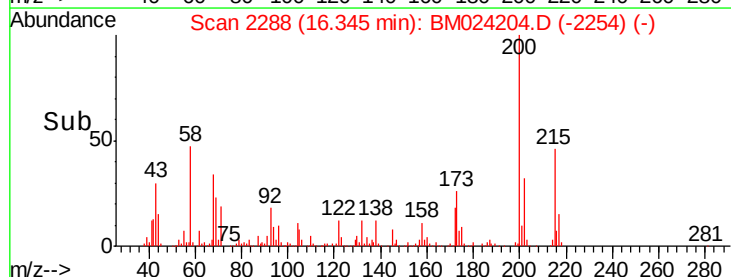
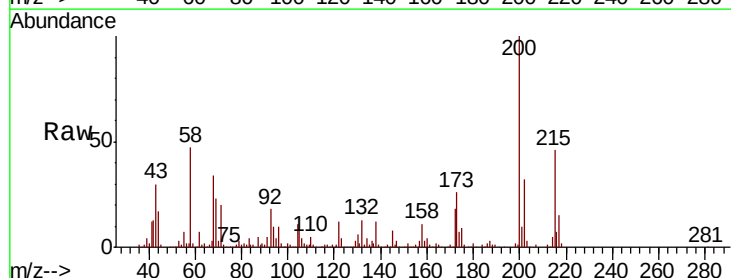
RT: 16.34 min Scan# 2288

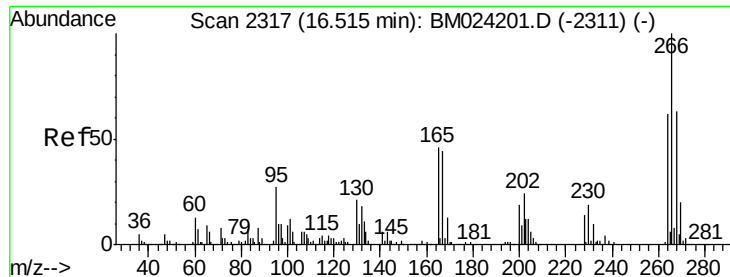
Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Tgt Ion:	200	Resp:	368232
Ion Ratio	Lower	Upper	
200	100		
173	26.0	21.8	32.8
215	46.3	37.3	55.9





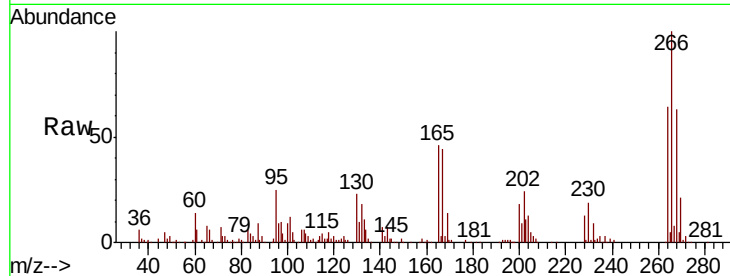
#69
 Pentachlorophenol
 Concen: 20.302 ng/ul
 RT: 16.52 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
 ClientSampleId :
 A5169MS

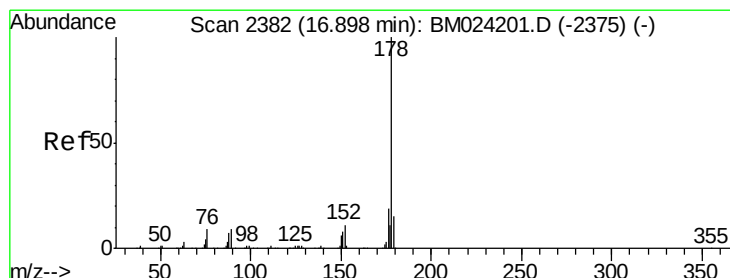
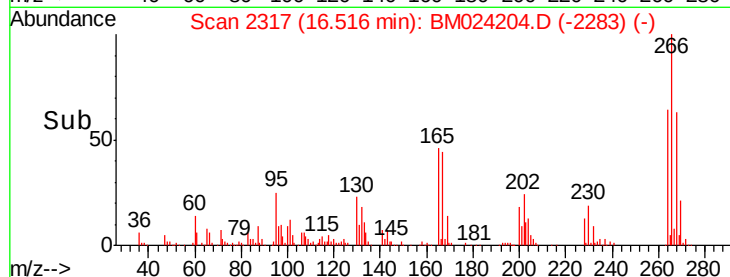
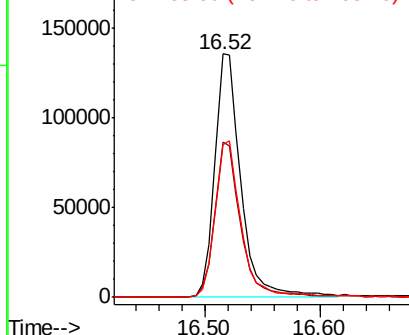
Tot Ion	Ratio	Resp	Lower	Upper
266	100	213102		
264	63.8	47.9	71.9	
268	62.7	51.3	76.9	

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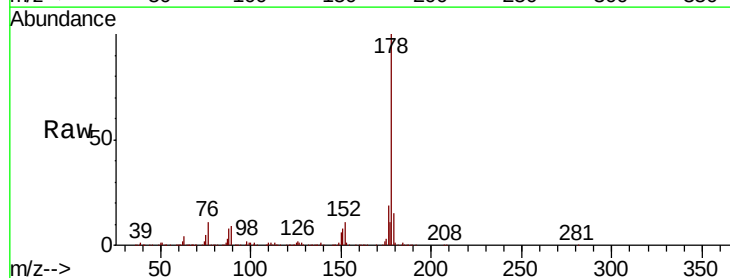


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

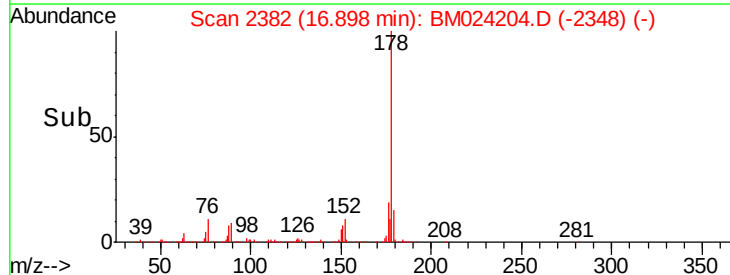
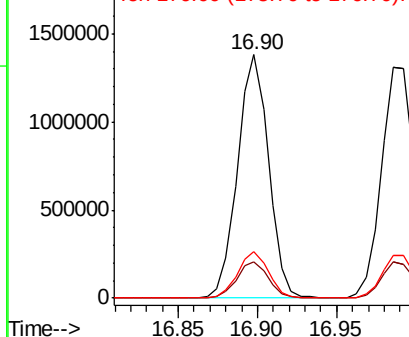


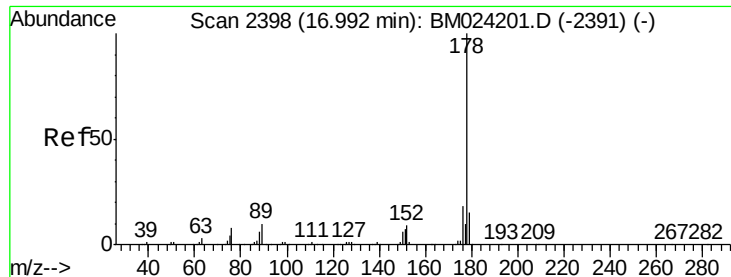
#70
 Phenanthrene
 Concen: 21.777 ng/ul
 RT: 16.90 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1876298		
179	14.9	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: 22.264 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion:178 Resp: 1928562

Ion Ratio Lower Upper

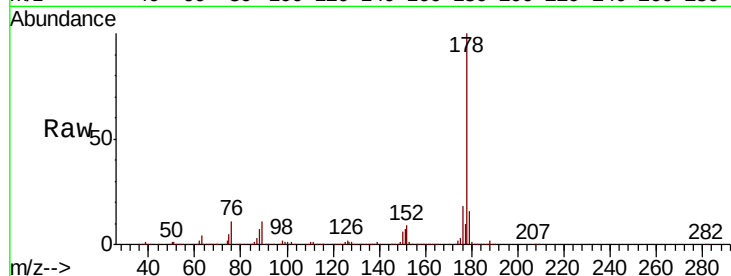
178 100

179 15.5 12.3 18.5

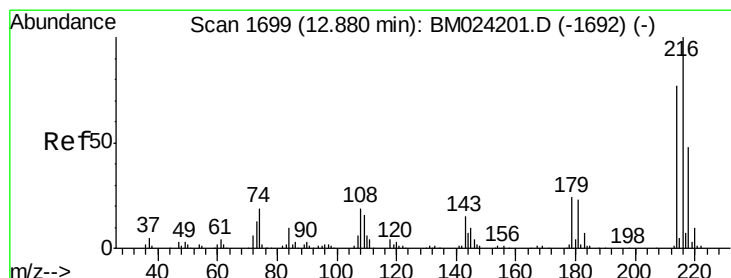
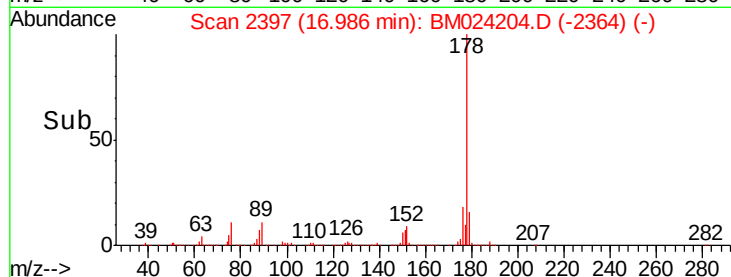
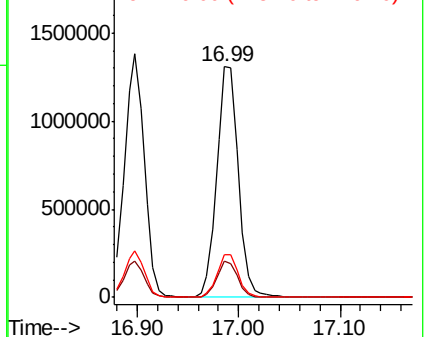
176 18.2 14.7 22.1

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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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 24.886 ng/uL

RT: 12.88 min Scan# 1699

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Tgt Ion:216 Resp: 480671

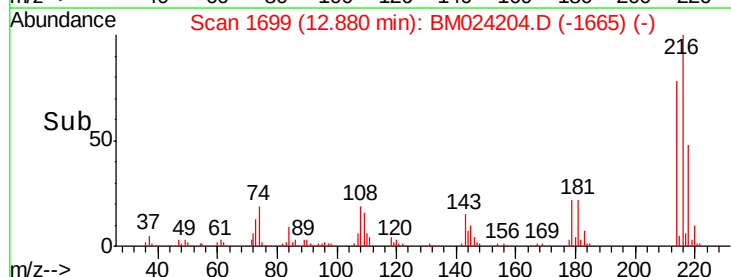
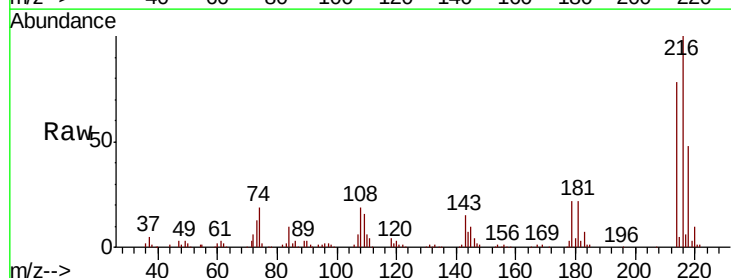
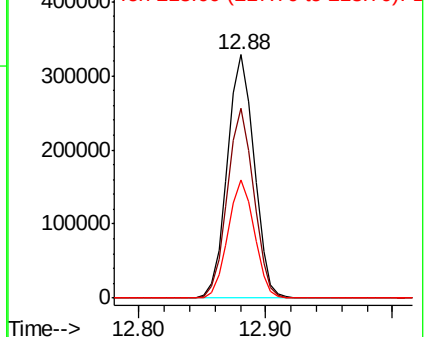
Ion Ratio Lower Upper

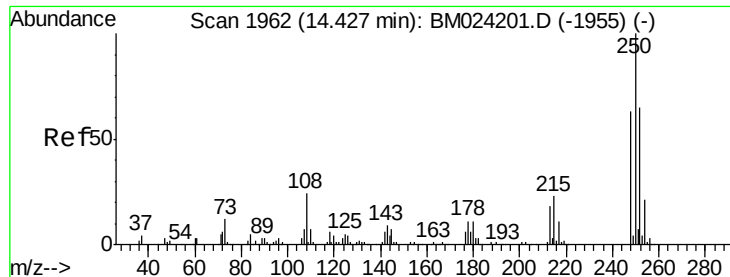
216 100

214 78.2 61.2 91.8

218 48.5 38.0 57.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E





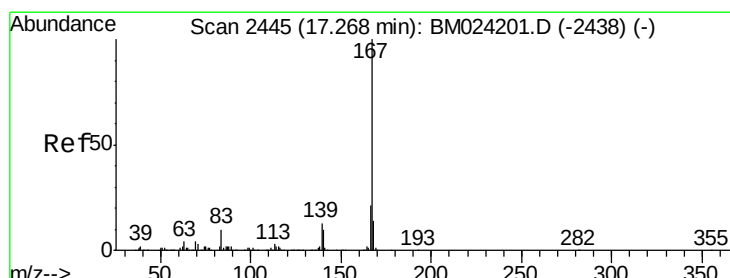
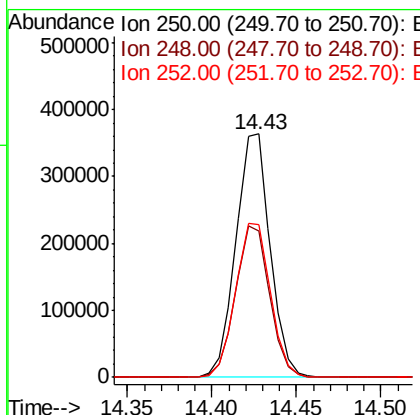
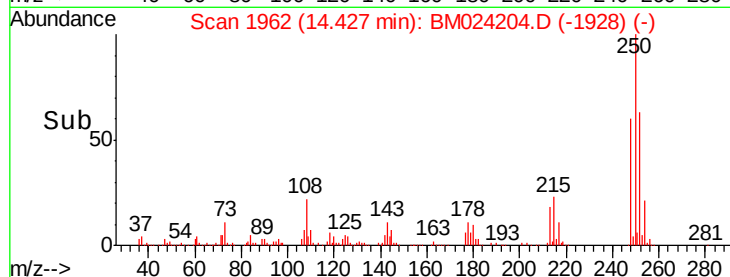
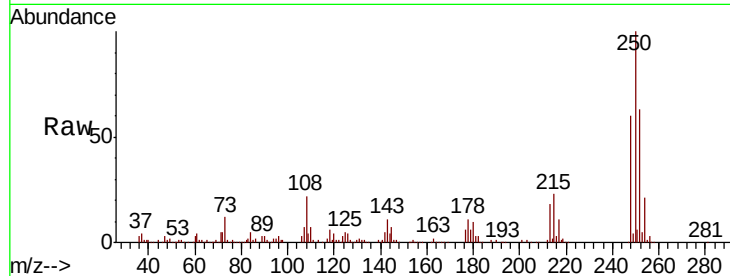
#74
 Pentachlorobenzene
 Concen: 24.229 ng/uL
 RT: 14.43 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
 ClientSampleID :
 A5169MS

Tot Ion	Ratio	Lower	Upper
250	100		
248	60.2	51.9	77.9
252	62.6	52.8	79.2

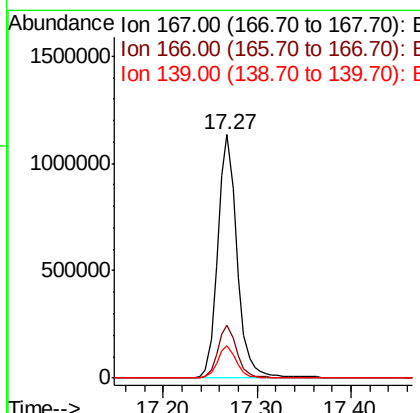
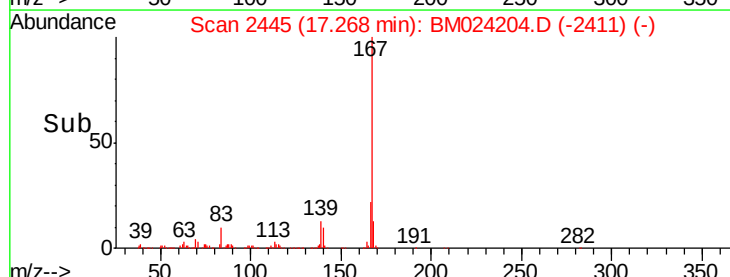
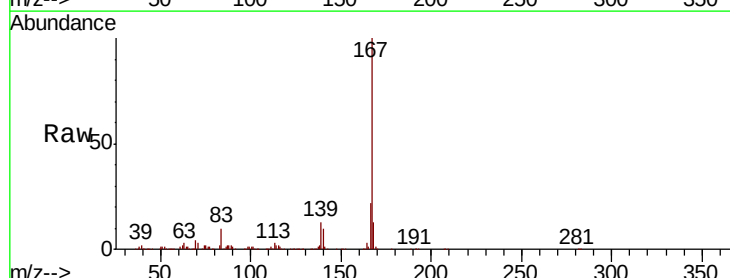
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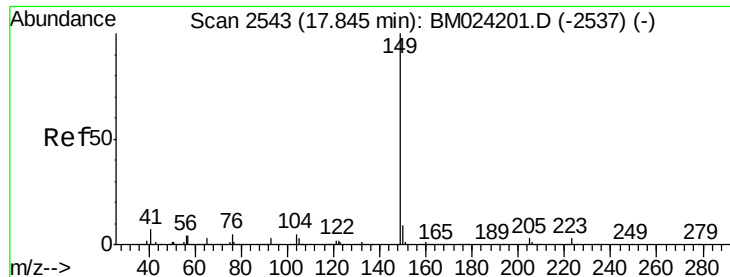
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#75
 Carbazole
 Concen: 22.129 ng/uL
 RT: 17.27 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.1	10.3	15.5





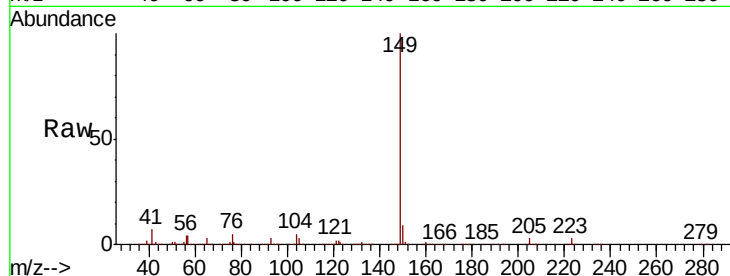
#76
Di-n-butylphthalate
Concen: 24.793 ng/ul
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	5.1	4.2	6.2

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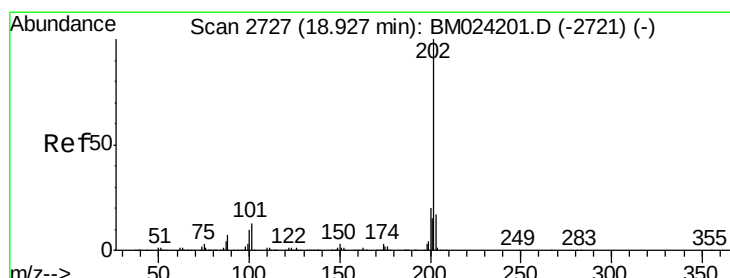
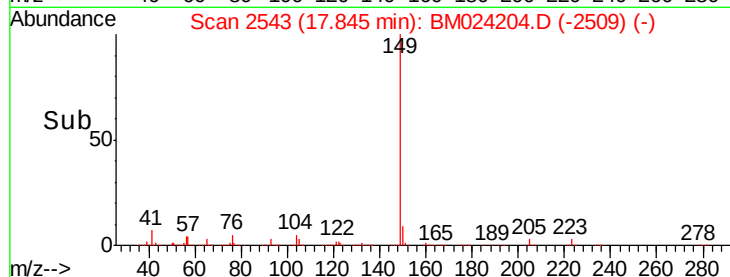
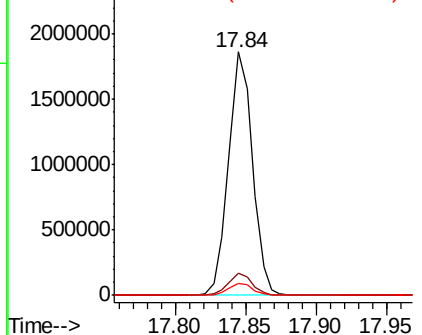


Abundance

Ion 149.00 (148.70 to 149.70): E

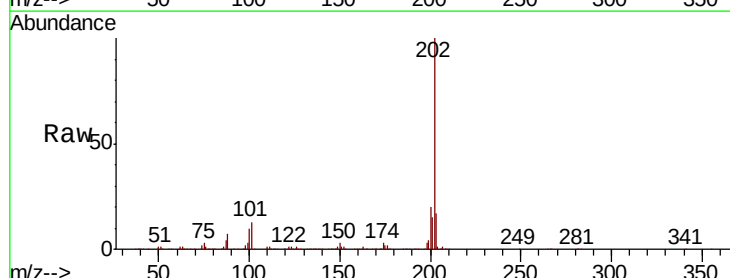
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77
Fluoranthene
Concen: 22.194 ng/ul
RT: 18.93 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	15.8
100	10.2	8.1	12.1

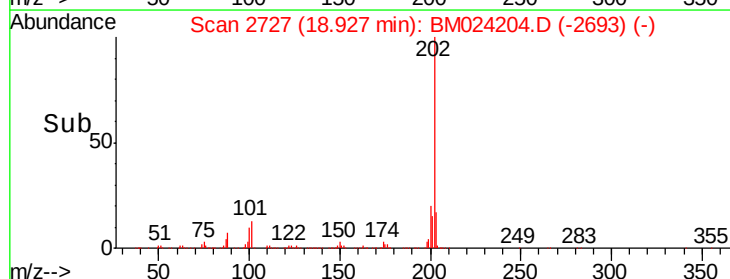
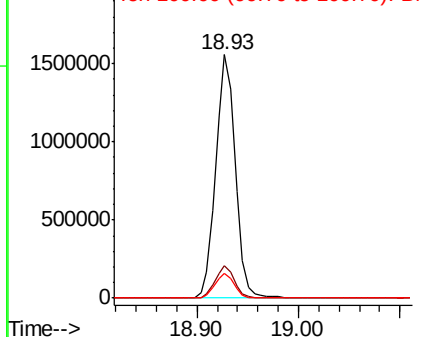


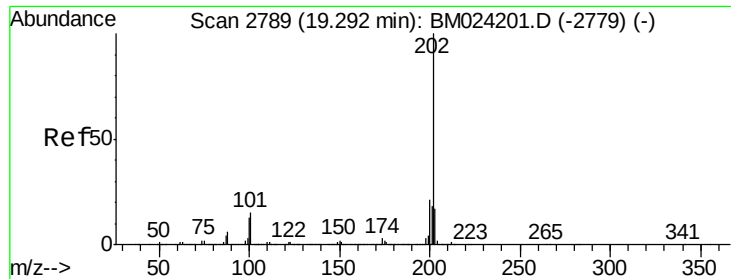
Abundance

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





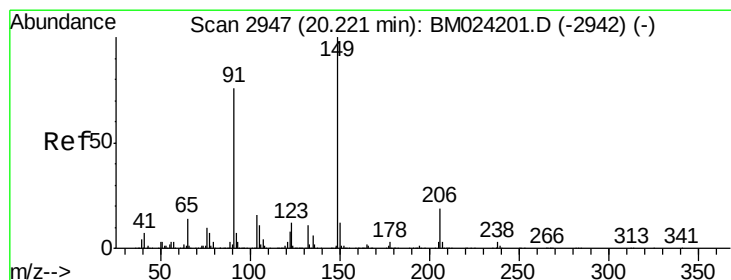
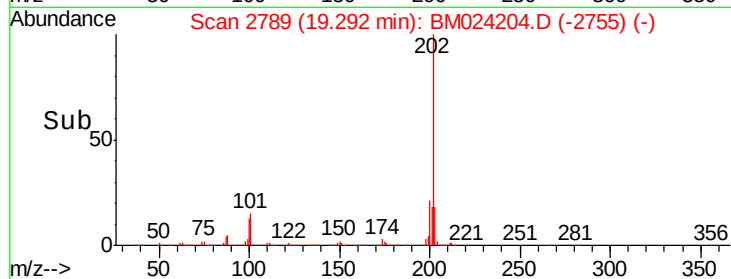
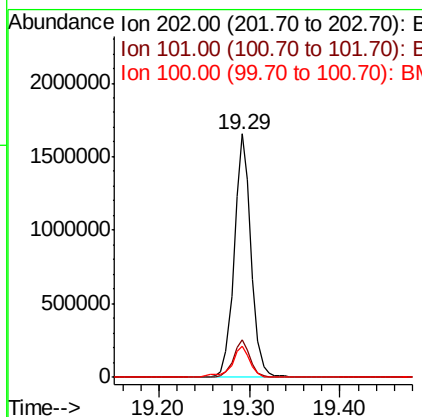
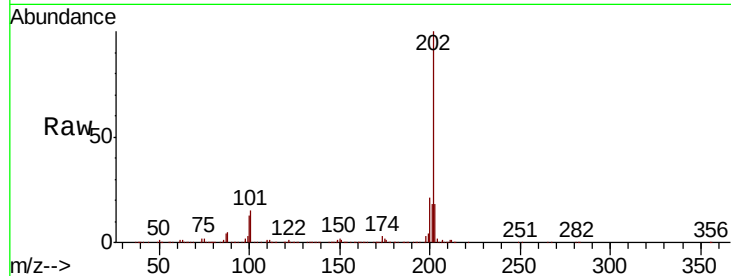
#80
Pvrene
Concen: 22.775 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.4
100	12.7	10.0	15.0

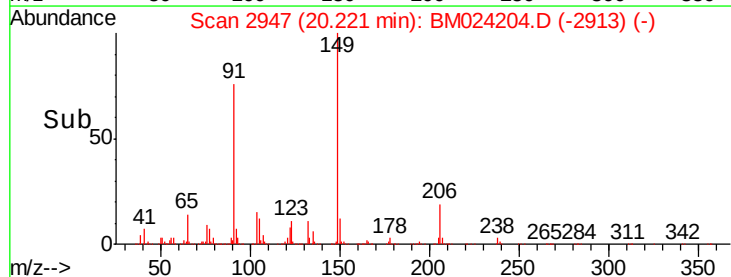
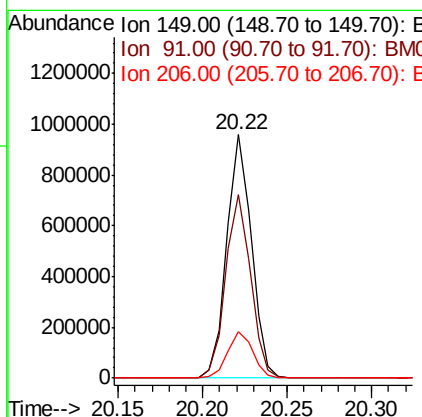
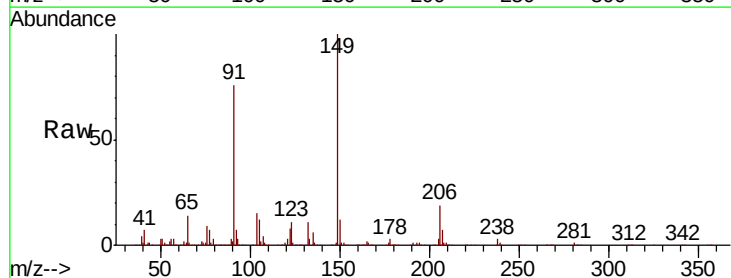
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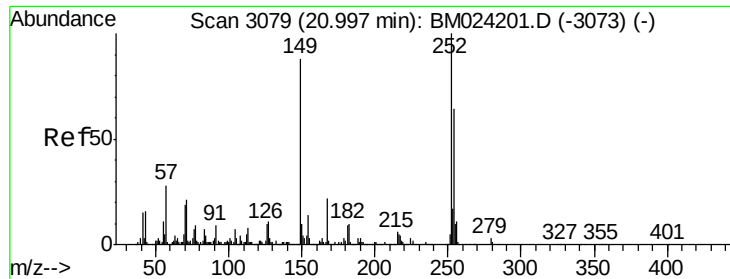
mohammad
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#81
Butylbenzylphthalate
Concen: 26.226 ng/ul
RT: 20.22 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	59.8	89.8
206	19.1	15.4	23.2





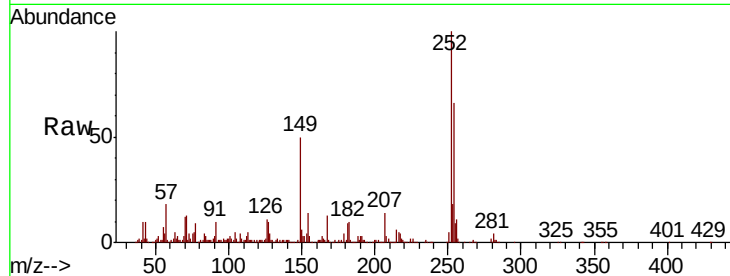
#82
 3,3'-Dichlorobenzidine
 Concen: 22.829 ng/ul
 RT: 21.00 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
 ClientSampled :
 A5169MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	11.0	8.9	13.3

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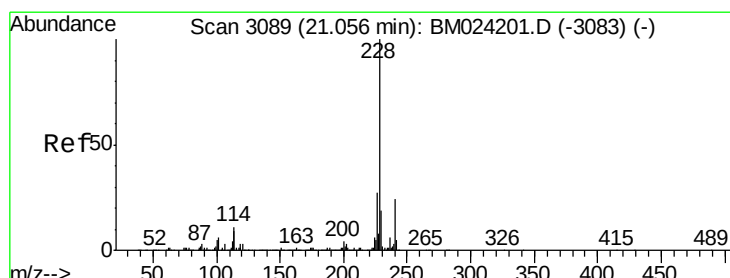
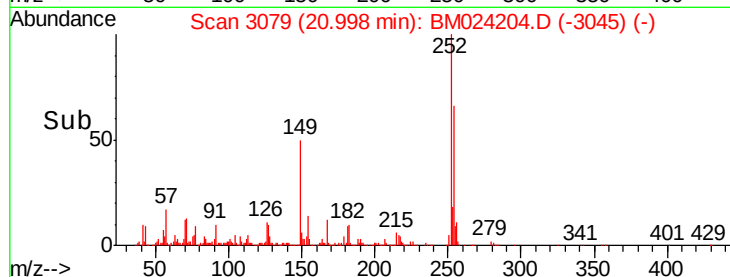
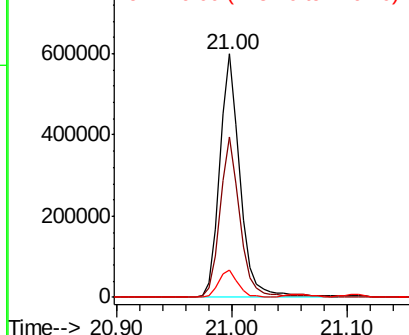


Abundance

Ion 252.00 (251.70 to 252.70): E

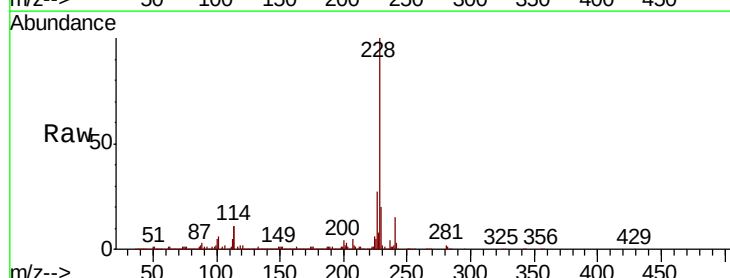
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Benzo(a)anthracene
 Concen: 22.838 ng/ul
 RT: 21.06 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	26.8	22.2	33.2

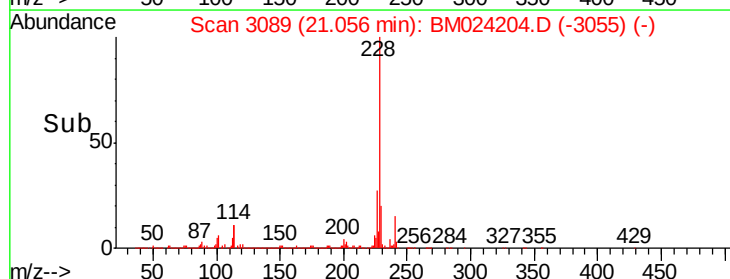
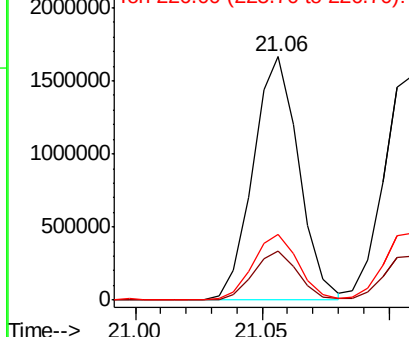


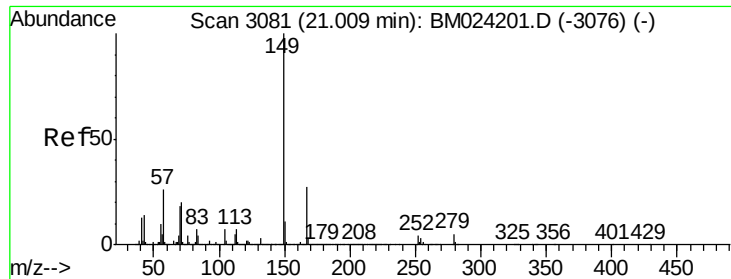
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 27.460 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion:149 Resp: 1518287

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

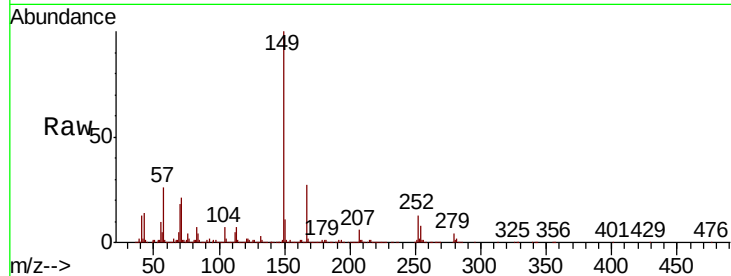
279 4.5 3.7 5.5

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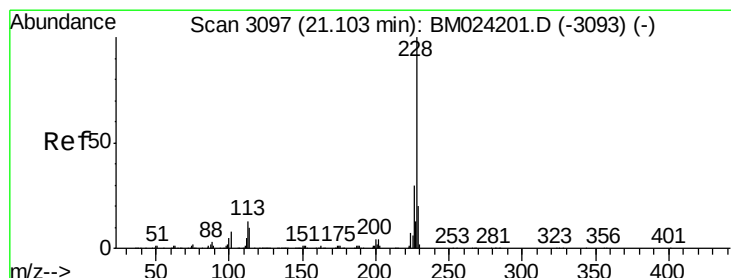
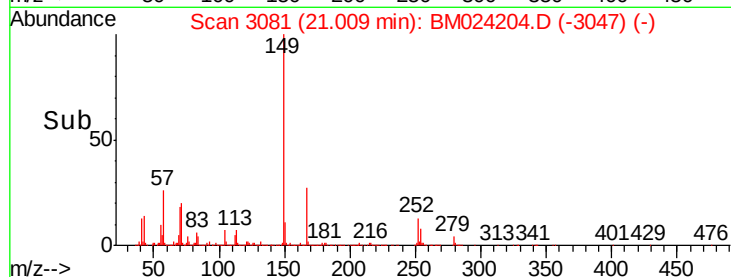
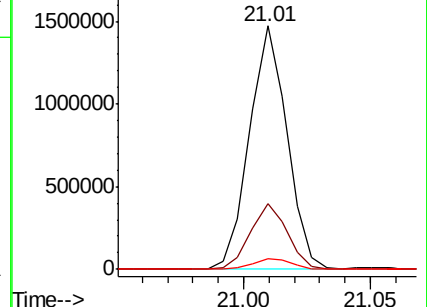
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 21.941 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

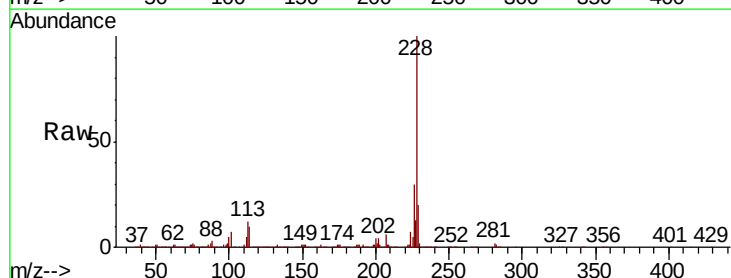
Tgt Ion:228 Resp: 1976634

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

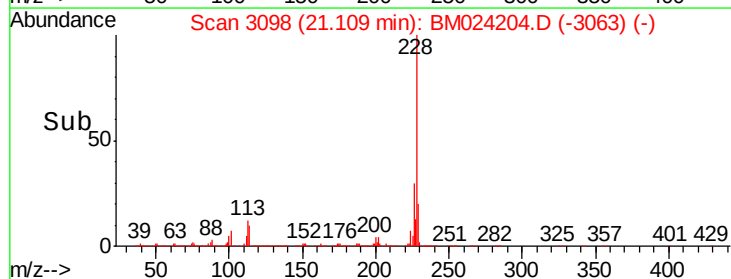
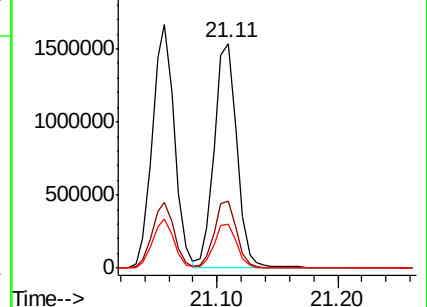
229 19.5 15.4 23.2

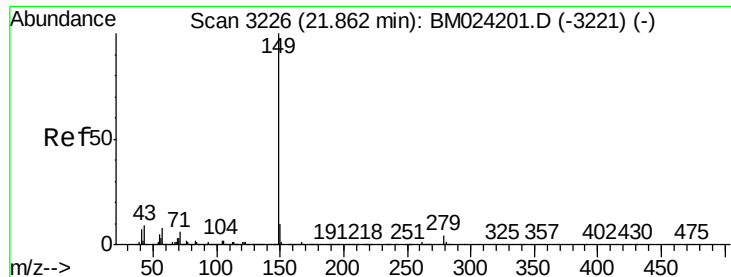


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





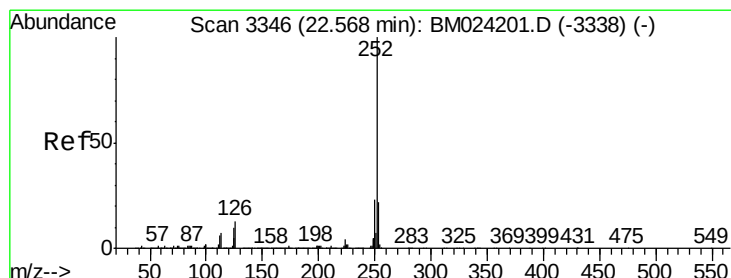
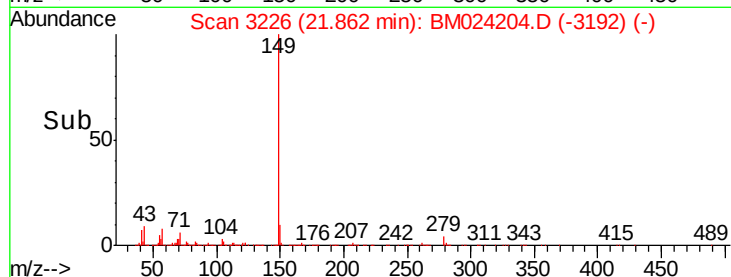
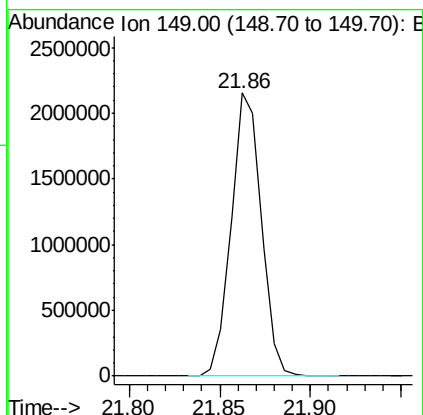
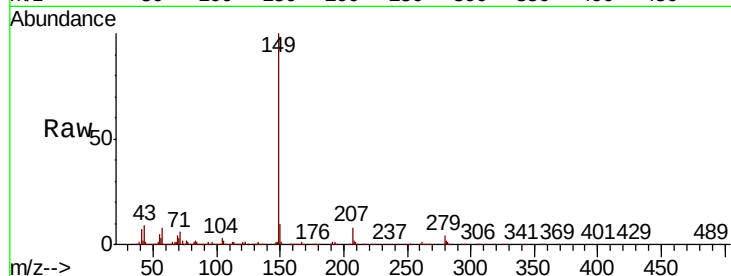
#87
 Di-n-octyl phthalate
 Concen: 28.498 ng/ul
 RT: 21.86 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
 ClientSampleId :
 A5169MS

Tgt Ion:149 Resp: 2482507

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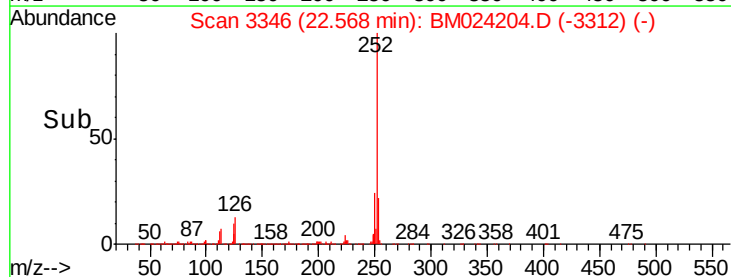
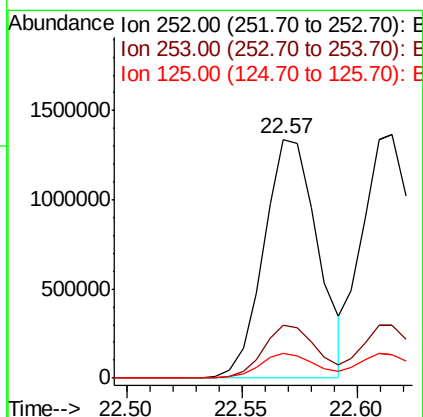
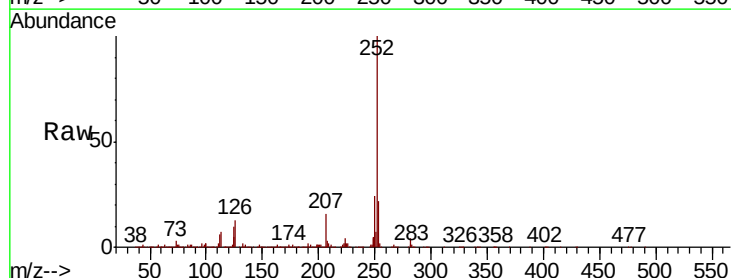
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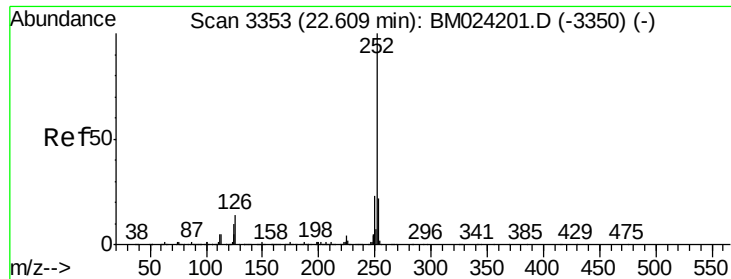


#88
 Benzo(b)fluoranthene
 Concen: 22.529 ng/ul
 RT: 22.57 min Scan# 3346
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion:252 Resp: 2173391

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.4	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 22.172 ng/ul

RT: 22.62 min Scan# 3354

Delta R.T. 0.01 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion:252 Resp: 2098682

Ion Ratio Lower Upper

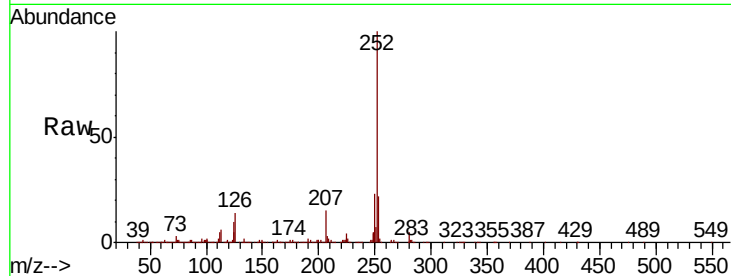
252 100

253 21.6 17.8 26.8

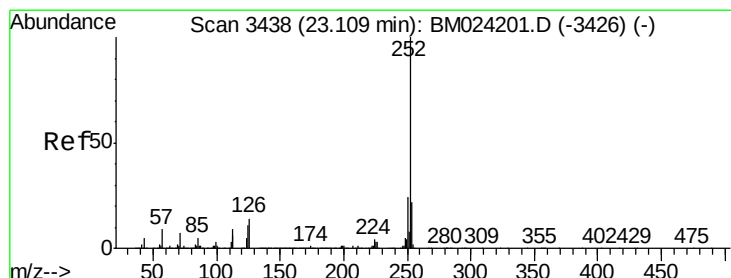
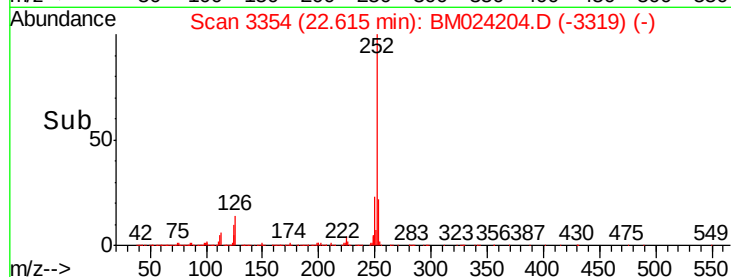
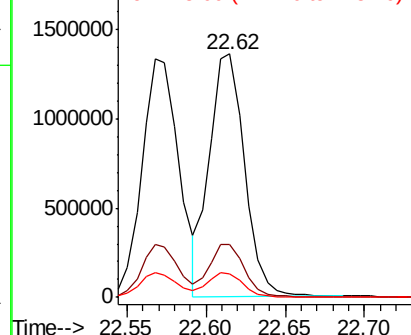
125 9.9 7.9 11.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 23.553 ng/ul

RT: 23.11 min Scan# 3438

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

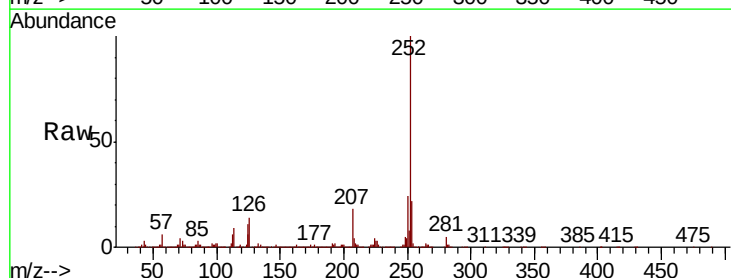
Tgt Ion:252 Resp: 2055514

Ion Ratio Lower Upper

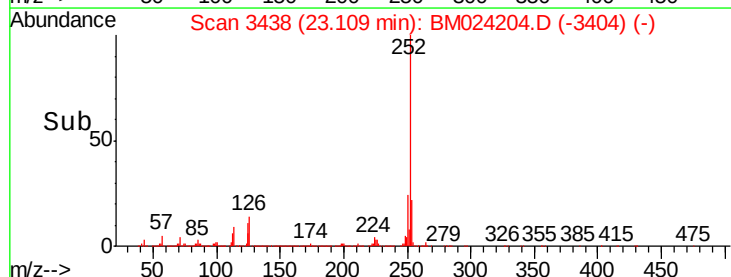
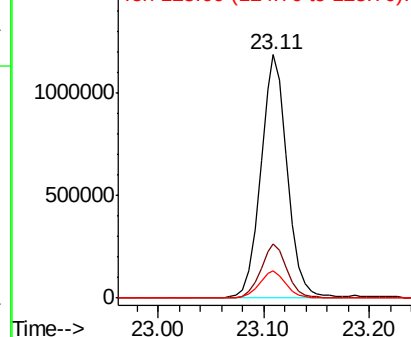
252 100

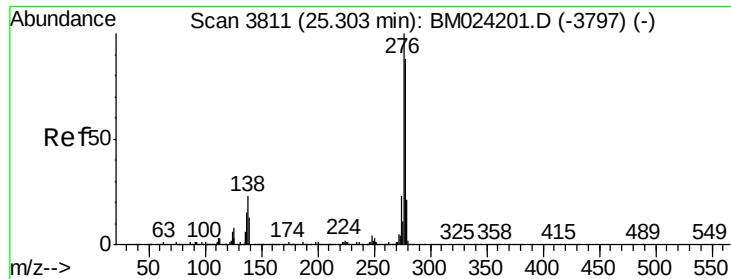
253 22.0 17.5 26.3

125 11.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





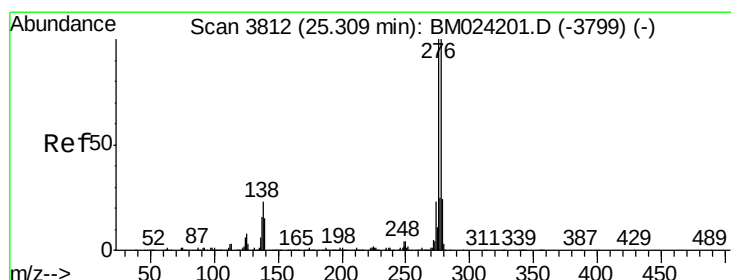
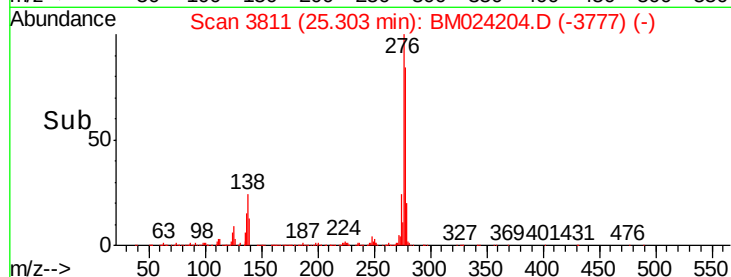
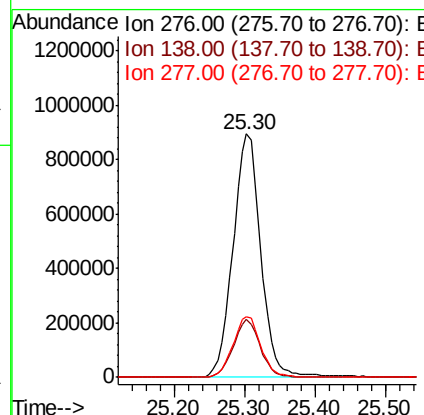
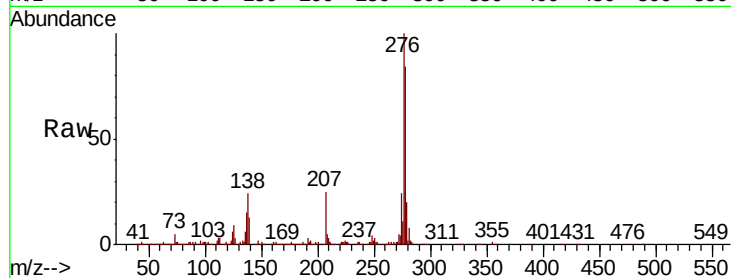
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 23.300 ng/ul
 RT: 25.30 min Scan# 3811
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Instrument :
 BNA_M
 ClientSampleId :
 A5169MS

Tot Ion:276 Resp: 2441674
 Ion Ratio Lower Upper
 276 100
 138 23.9 18.3 27.5
 277 24.8 20.2 30.2

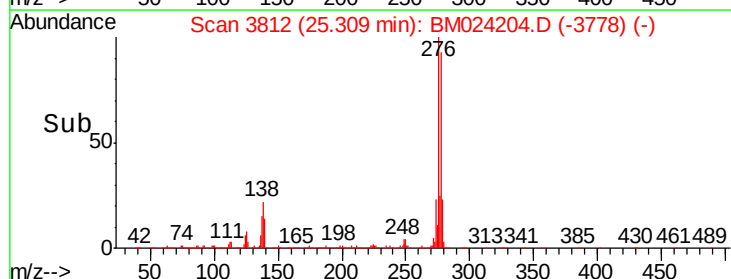
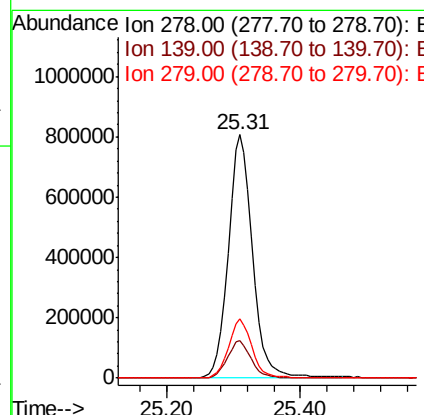
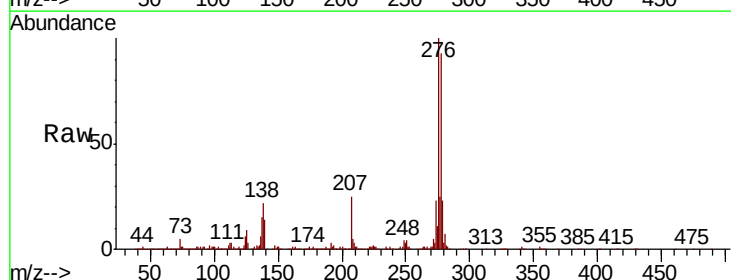
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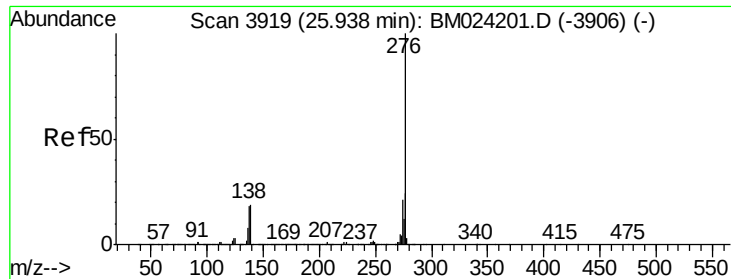
mohammad
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#93
 Dibenzo(a,h)anthracene
 Concen: 23.504 ng/ul
 RT: 25.31 min Scan# 3812
 Delta R.T. 0.00 min
 Lab File: BM024204.D
 Acq: 20 Dec 2019 15:28

Tgt Ion:278 Resp: 2064960
 Ion Ratio Lower Upper
 278 100
 139 15.6 11.5 17.3
 279 24.3 18.9 28.3





#94

Benzo(a,h,i)perylene

Concen: 23.649 ng/ul

RT: 25.94 min Scan# 3919

Delta R.T. 0.00 min

Lab File: BM024204.D

Acq: 20 Dec 2019 15:28

Instrument :

BNA_M

ClientSampleId :

A5169MS

Tot Ion: 276 Resp: 2023408

Ion Ratio Lower Upper

276 100

138 19.7 15.3 22.9

277 23.9 19.3 28.9

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