

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
 Data File : BM024712.D
 Acq On : 04 Feb 2020 18:31
 Operator : CG/JU
 Sample : L1016-19MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

Manual Integrations
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mohammad
 2/10/2020 8:10:09 AM

Quant Time: Feb 05 04:08:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	227726	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	833006	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	533938	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1137106	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1211495	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1510821	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1689829	141.12	ng	-0.01
7) Phenol-d6	6.63	99	2063750	125.11	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1321278	77.79	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1214627	139.85	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3578208	91.11	ng	-0.02
79) Terphenyl-d14	19.49	244	6202062	95.57	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	174874	36.918	ng	# 52
3) Pyridine	3.45	79	460783	33.556	ng	94
4) n-Nitrosodimethylamine	3.35	42	210699	34.569	ng	82
6) Aniline	6.76	93	253175	12.608	ng	97
8) 2-Chlorophenol	7.00	128	663526	48.676	ng	93
9) Benzaldehyde	6.57	77	170690	17.512	ng	95
10) Phenol	6.65	94	811277	49.338	ng	94
11) bis(2-Chloroethyl)ether	6.86	93	549628	41.754	ng	95
12) 1,3-Dichlorobenzene	7.32	146	683099	40.791	ng	96
13) 1,4-Dichlorobenzene	7.46	146	697912	41.080	ng	97
14) 1,2-Dichlorobenzene	7.77	146	664751	40.536	ng	97
15) Benzyl Alcohol	7.67	79	553651	40.708	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	422622	35.070	ng	99
17) 2-Methylphenol	7.87	107	527201	45.498	ng	95
18) Hexachloroethane	8.48	117	239504	36.508	ng	96
19) n-Nitroso-di-n-propylamine	8.23	70	439360m	35.475	ng	
20) 3+4-Methylphenols	8.20	107	703624	43.867	ng	96
22) Acetophenone	8.23	105	897244	41.772	ng	97
24) Nitrobenzene	8.60	77	661760	40.655	ng	91
25) Isophorone	9.13	82	1218292	42.212	ng	97
26) 2-Nitrophenol	9.30	139	379188	50.309	ng	89
27) 2,4-Dimethylphenol	9.39	122	583331	56.953	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	735993	41.745	ng	98
29) 2,4-Dichlorophenol	9.84	162	697004	50.370	ng	97
30) 1,2,4-Trichlorobenzene	10.05	180	740938	44.397	ng	99
31) Naphthalene	10.23	128	1860943	44.231	ng	99
32) Benzoic acid	9.55	122	425814m	45.448	ng	
33) 4-Chloroaniline	10.35	127	82323	4.464	ng	95
34) Hexachlorobutadiene	10.53	225	474450	41.125	ng	99
35) Caprolactam	11.13	113	188903m	42.550	ng	
36) 4-Chloro-3-methylphenol	11.49	107	641430	43.593	ng	93
37) 2-Methylnaphthalene	11.85	142	1430597	44.061	ng	98
38) 1-Methylnaphthalene	12.08	142	1359797	44.028	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	877246	46.034	ng	99

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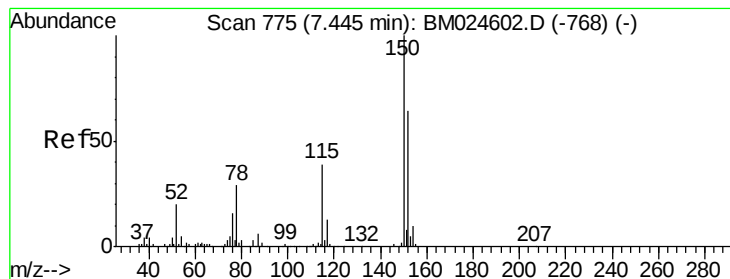
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	1007298	94.304	nq	99
43) 2,4,6-Trichlorophenol	12.49	196	606188	49.988	nq	99
44) 2,4,5-Trichlorophenol	12.56	196	645785	52.145	nq	96
46) 1,1'-Biphenyl	12.90	154	1873854	46.374	nq	99
47) 2-Chloronaphthalene	12.93	162	1517673	46.525	nq	97
48) 2-Nitroaniline	13.14	65	365734	36.760	nq	89
49) Acenaphthylene	13.79	152	2353964	48.204	nq	100
50) Dimethylphthalate	13.55	163	2179731	50.485	nq	99
51) 2,6-Dinitrotoluene	13.66	165	434869	47.374	nq #	82
52) Acenaphthene	14.14	154	1384330	45.683	nq	99
53) 3-Nitroaniline	13.98	138	134203	14.096	nq	90
54) 2,4-Dinitrophenol	14.20	184	509829	92.878	nq #	85
55) Dibenzofuran	14.48	168	2321452	46.974	nq	95
56) 4-Nitrophenol	14.32	139	743007	99.837	nq	84
57) 2,4-Dinitrotoluene	14.45	165	602646	45.808	nq #	86
58) Fluorene	15.13	166	1850133	44.548	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	612284	48.752	nq	93
60) Diethylphthalate	14.93	149	1862957	42.501	nq	97
61) 4-Chlorophenyl-phenylether	15.14	204	1043962	43.600	nq	97
62) 4-Nitroaniline	15.16	138	389426	37.056	nq	88
63) Azobenzene	15.43	77	1451642	38.825	nq	93
65) 4,6-Dinitro-2-methylphenol	15.22	198	357435	53.461	nq	90
66) n-Nitrosodiphenylamine	15.36	169	1644733	50.354	nq	98
67) 4-Bromophenyl-phenylether	16.03	248	686133	48.521	nq	96
68) Hexachlorobenzene	16.14	284	805211	49.621	nq	95
69) Atrazine	16.32	200	629351	50.196	nq	99
70) Pentachlorophenol	16.49	266	1055695	106.805	nq	99
71) Phenanthrene	16.87	178	2968663	48.211	nq	99
72) Anthracene	16.96	178	3018794	50.104	nq	100
73) Carbazole	17.23	167	2682801	48.913	nq	99
74) Di-n-butylphthalate	17.83	149	3074631	43.849	nq	99
75) Fluoranthene	18.90	202	3683239	47.926	nq	99
77) Benzidine	19.09	184	1495081	52.991	nq	99
78) Pyrene	19.26	202	3751929	46.978	nq	100
80) Butylbenzylphthalate	20.20	149	1429734	42.662	nq	91
81) Benzo(a)anthracene	21.03	228	4051388	48.182	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	826811	27.335	nq	98
83) Chrysene	21.08	228	3906052	48.683	nq	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2108491	42.640	nq	98
85) Di-n-octyl phthalate	21.85	149	3788427	46.373	nq	97
86) Indeno(1,2,3-cd)pyrene	25.23	276	5399988	61.749	nq	99
88) Benzo(b)fluoranthene	22.53	252	4556868	46.504	nq	99
89) Benzo(k)fluoranthene	22.58	252	4395215	45.953	nq	99
90) Benzo(a)pyrene	23.06	252	4183721	46.961	nq	99
91) Dibenzo(a,h)anthracene	25.24	278	4596519	54.360	nq	98
92) Benzo(g,h,i)perylene	25.85	276	4556699	59.348	nq	98

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



#1

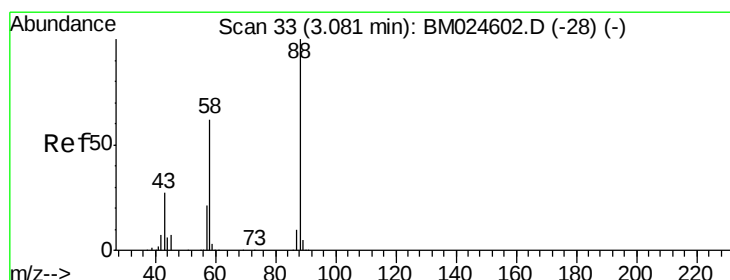
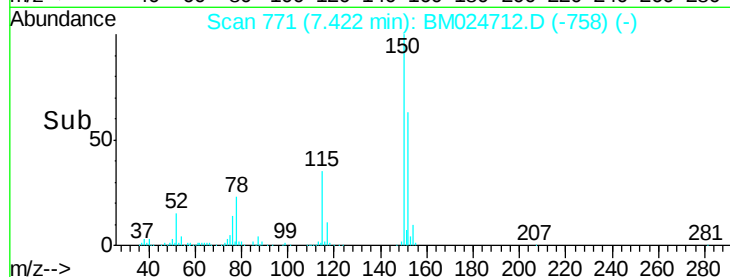
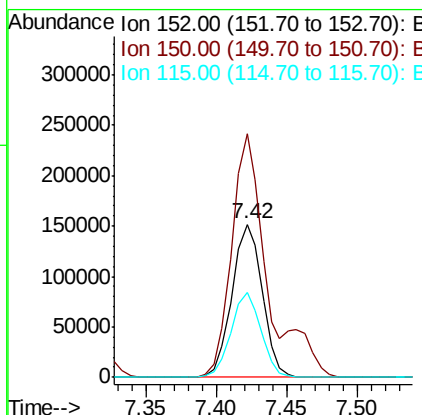
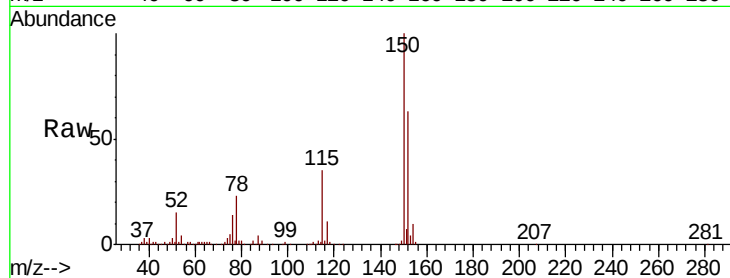
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.2	186.4
115	55.2	48.6	72.8

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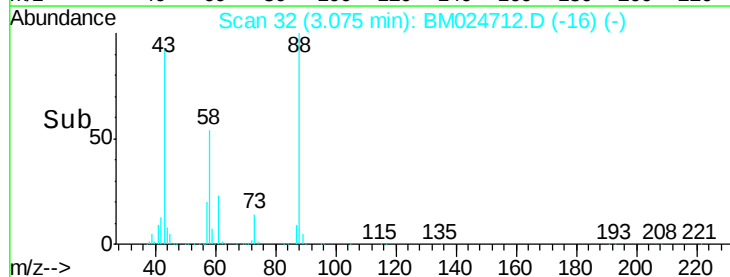
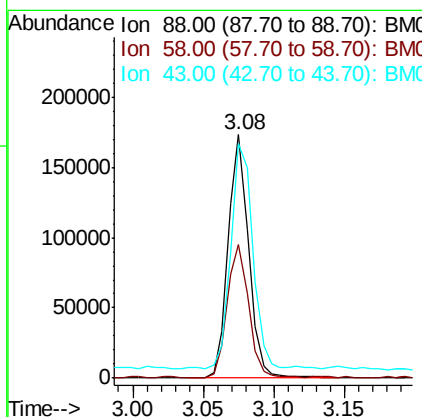
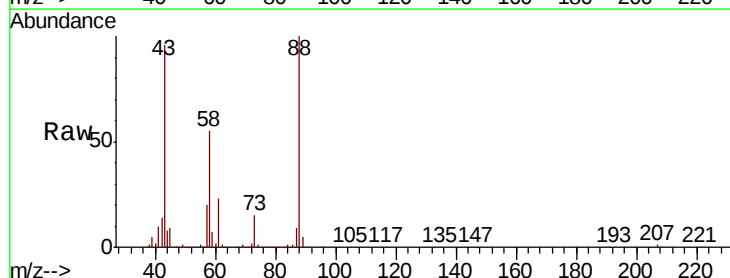
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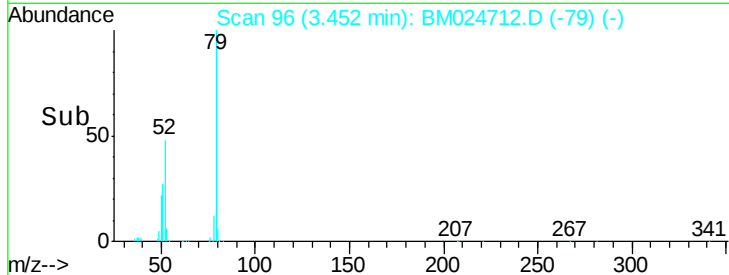
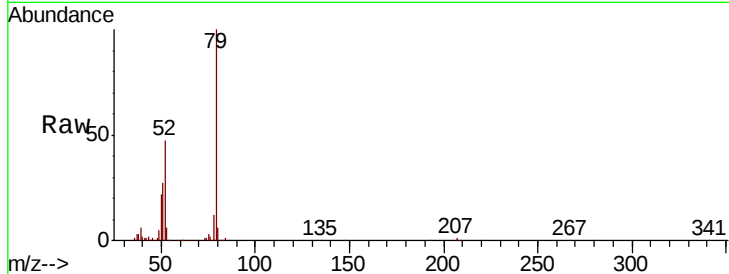
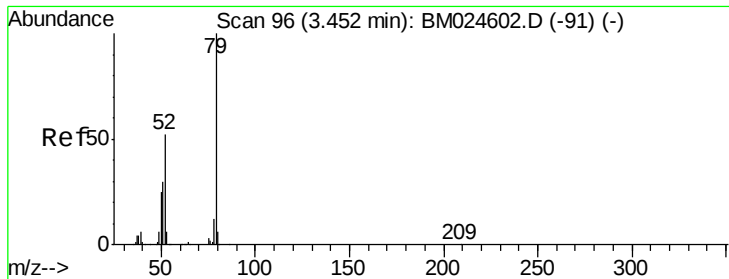


#2

1,4-Dioxane
Concen: 36.918 ng
RT: 3.08 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.4	50.0	75.0
43	99.3	21.6	32.4





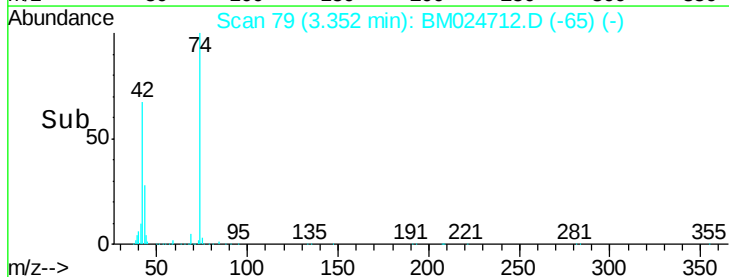
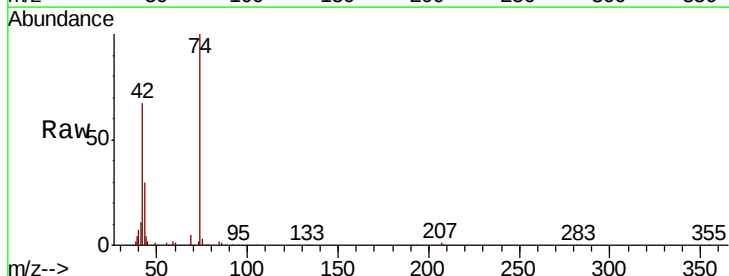
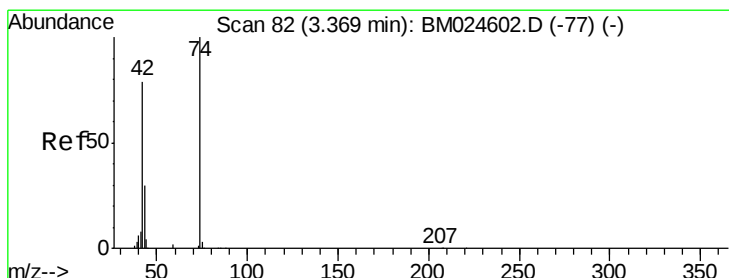
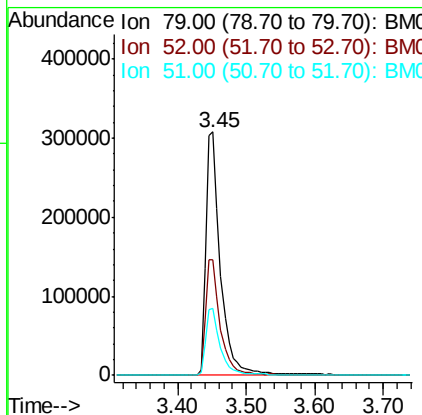
#3
 Pvridine
 Concen: 33.556 ng
 RT: 3.45 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.5	41.4	62.2
51	27.3	23.8	35.8

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

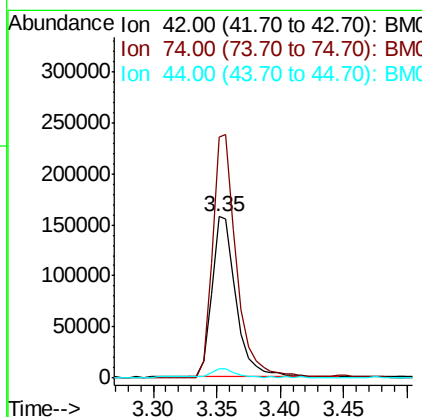
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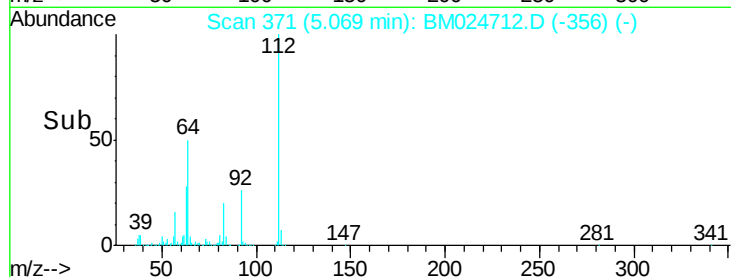
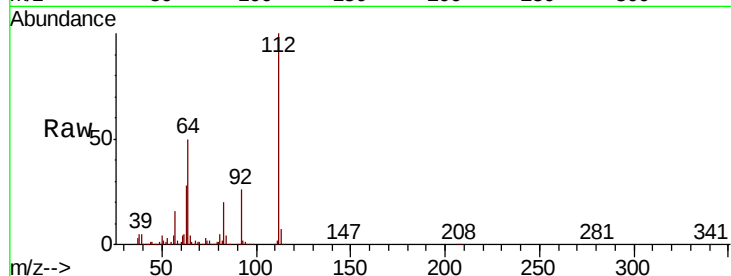
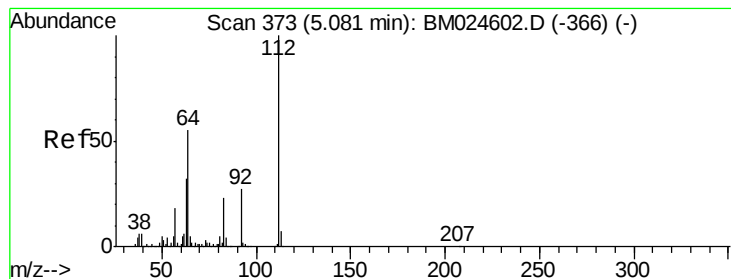
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#4
 n-Nitrosodimethylamine
 Concen: 34.569 ng
 RT: 3.35 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.8	101.4	152.2
44	5.8	4.6	6.8





#5

2-Fluorophenol

Concen: 141.119 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tot Ion:	112	Resp:	1689829
Ion	Ratio	Lower	Upper
112	100		
64	50.3	44.2	66.4
63	27.6	25.9	38.9

Instrument :

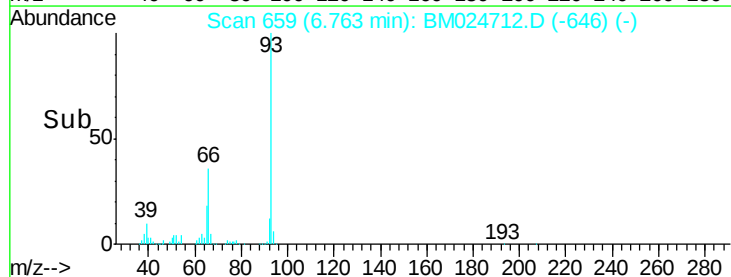
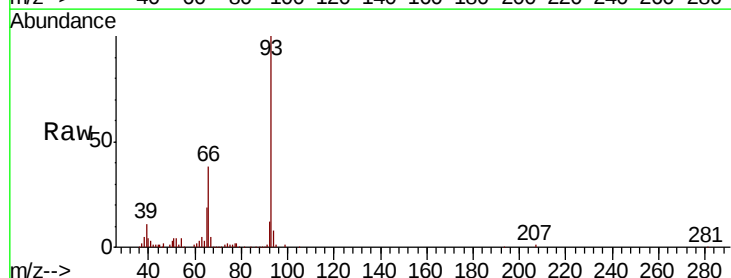
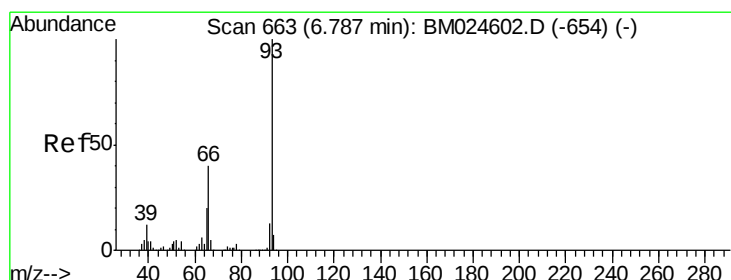
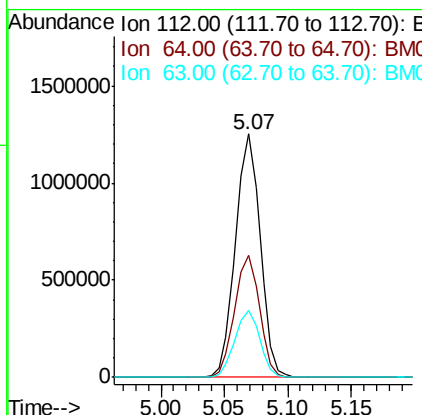
BNA_M

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#6

Aniline

Concen: 12.608 ng

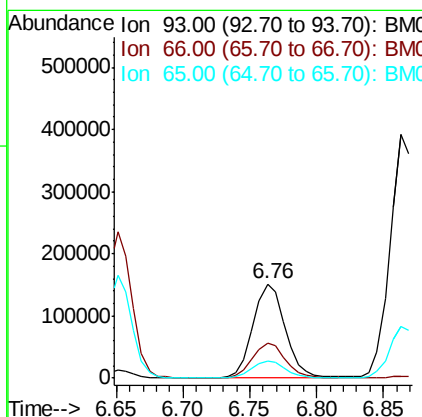
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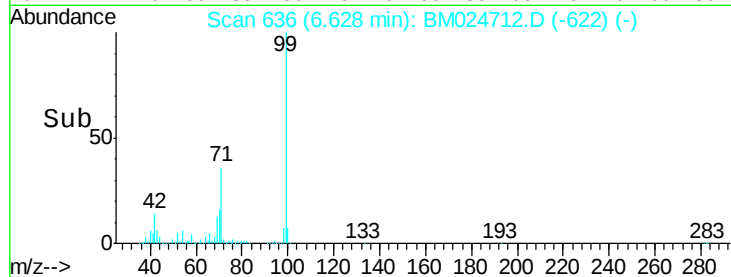
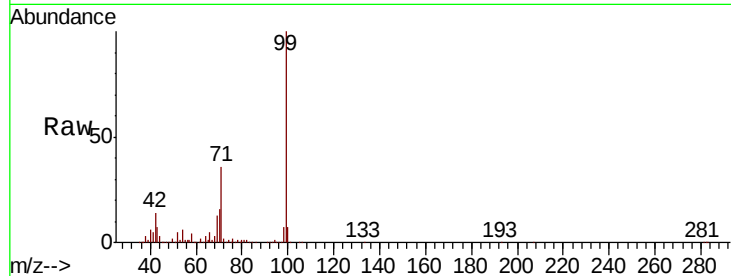
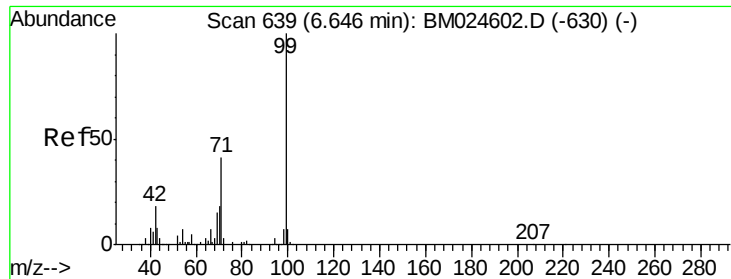
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:	93	Resp:	253175
Ion	Ratio	Lower	Upper
93	100		
66	37.7	31.8	47.8
65	18.8	15.8	23.6





#7

Phenol-d6

Concen: 125.108 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tot Ion:	99	Resp:	2063750
Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1
71	36.2	33.0	49.6

Instrument :

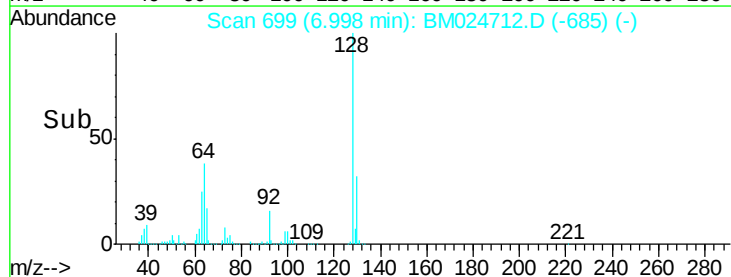
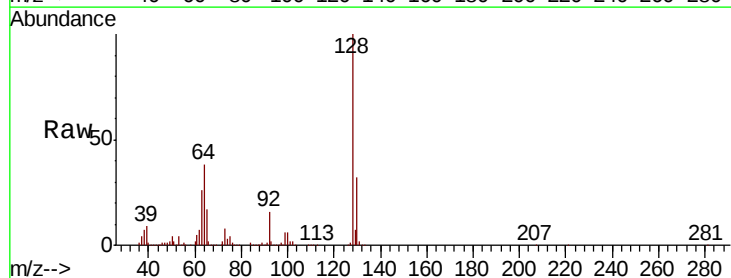
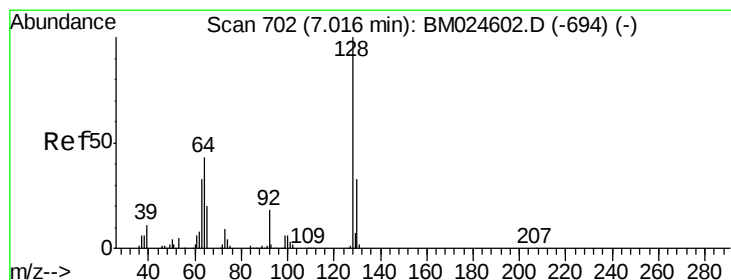
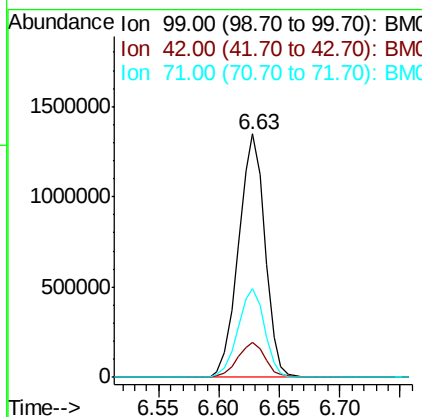
BNA_M

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#8

2-Chlorophenol

Concen: 48.676 ng

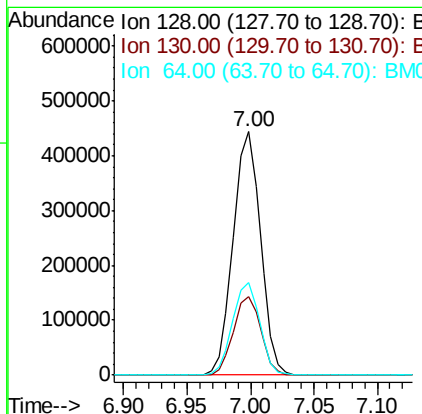
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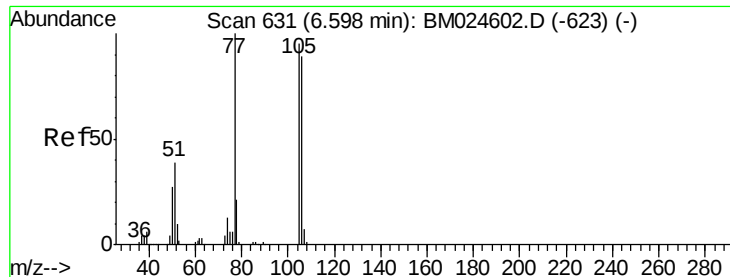
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:	128	Resp:	663526
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	38.2	26.1	66.1





#9

Benzaldehyde

Concen: 17.512 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

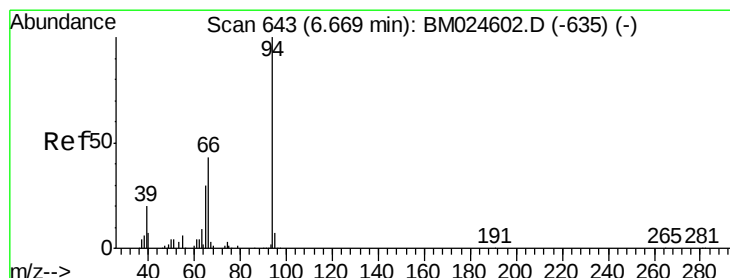
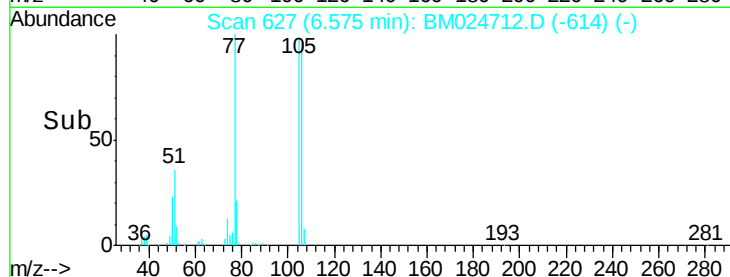
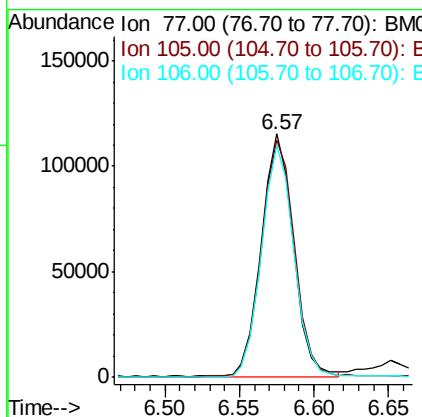
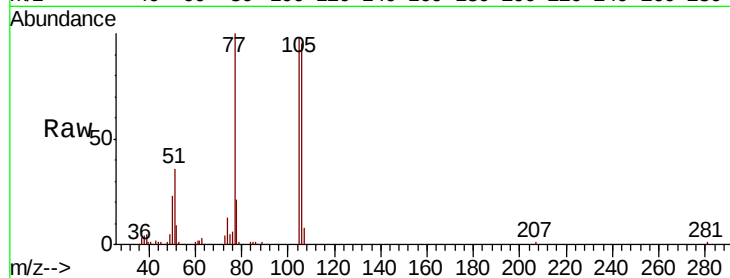
ClientSampleId :

SU-02-013120MS

Tot Ion:	77	Resp:	170690
Ion	Ratio	Lower	Upper
77	100		
105	97.5	75.2	115.2
106	95.3	68.6	108.6

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#10

Phenol

Concen: 49.338 ng

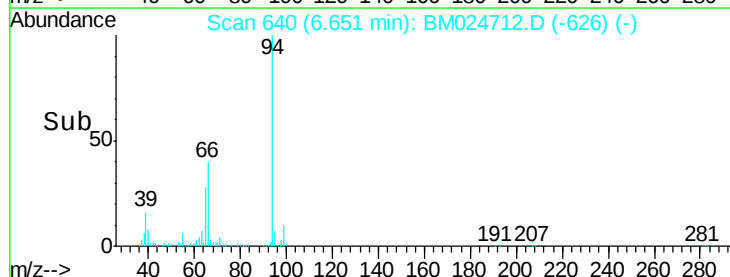
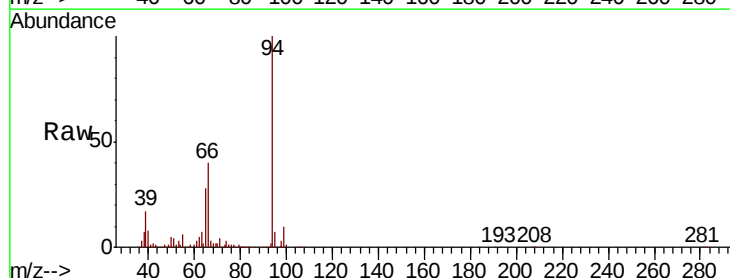
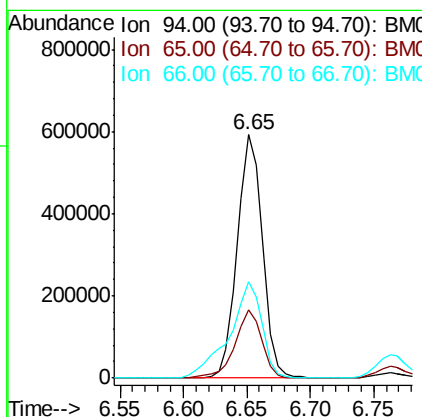
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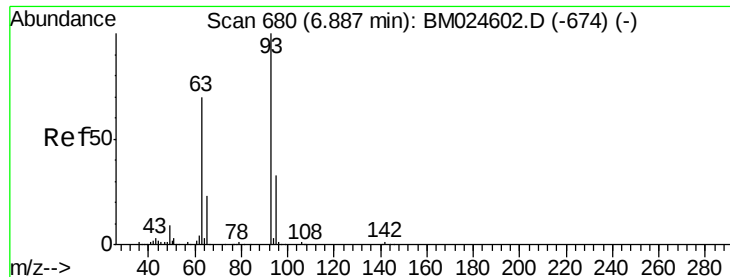
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:	94	Resp:	811277
Ion	Ratio	Lower	Upper
94	100		
65	27.8	10.3	50.3
66	39.7	24.8	64.8





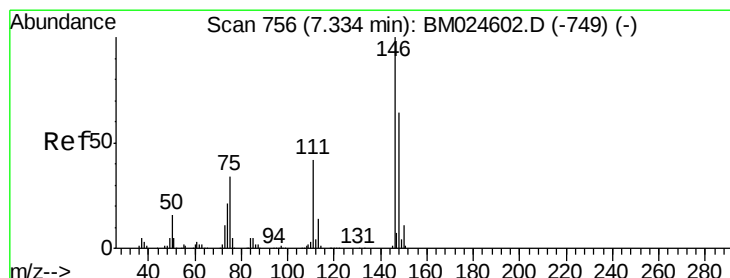
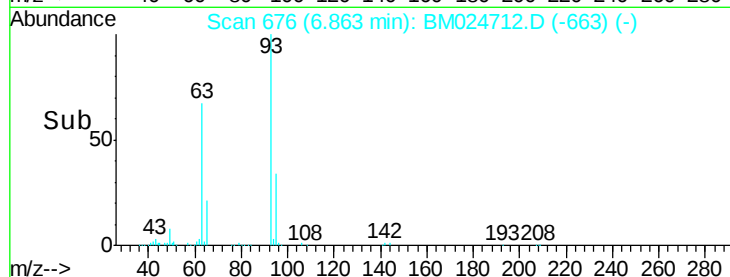
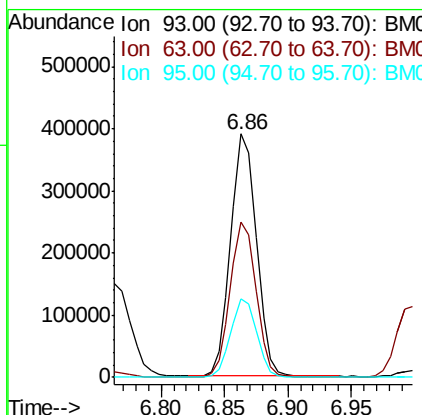
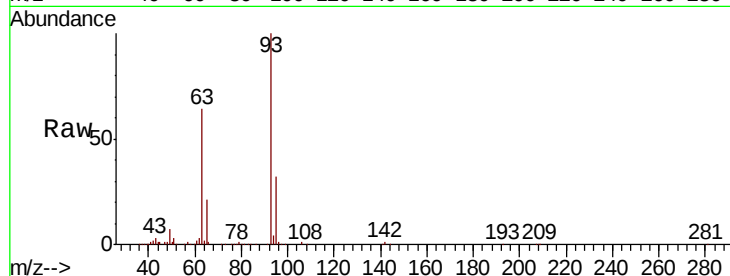
#11
bis(2-Chloroethyl)ether
Concen: 41.754 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		549628		
63	63.9	49.6	89.6		
95	32.5	12.6	52.6		

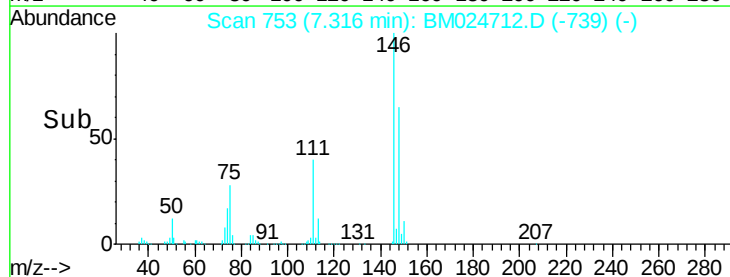
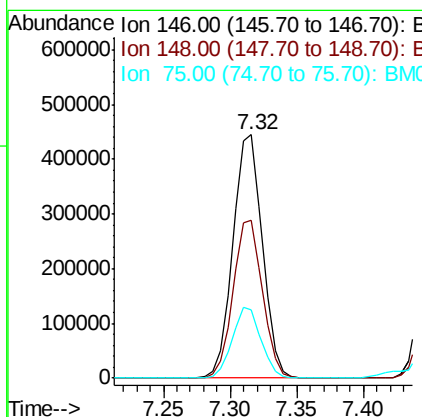
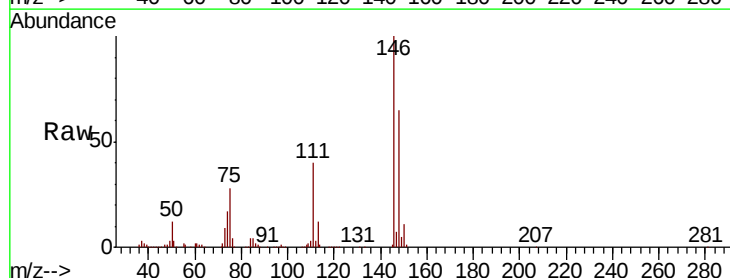
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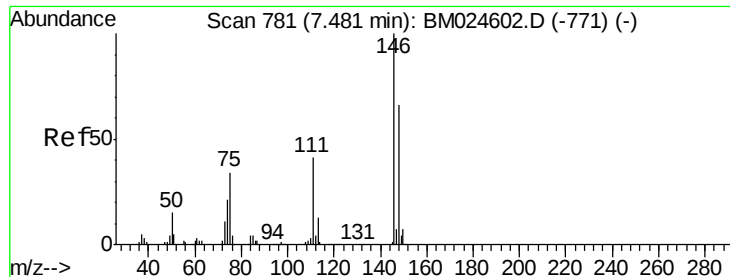
mohammad
2/10/2020 8:10:09 AM



#12
1,3-Dichlorobenzene
Concen: 40.791 ng
RT: 7.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		683099		
148	64.9	51.0	76.6		
75	28.2	27.0	40.4		





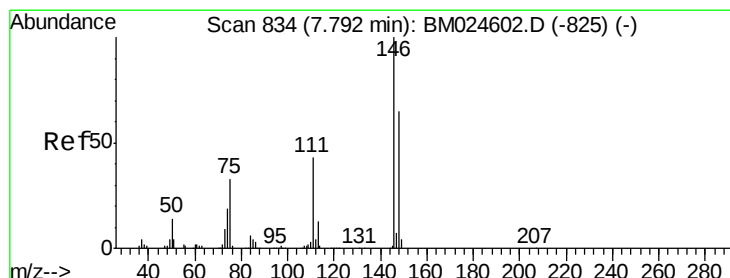
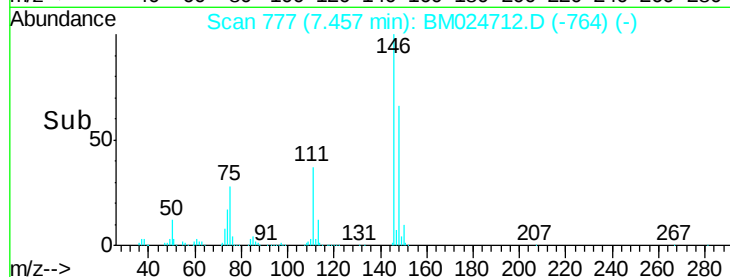
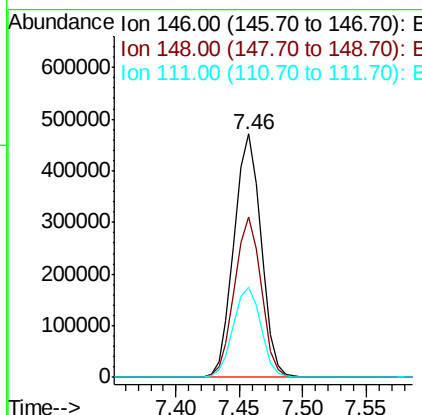
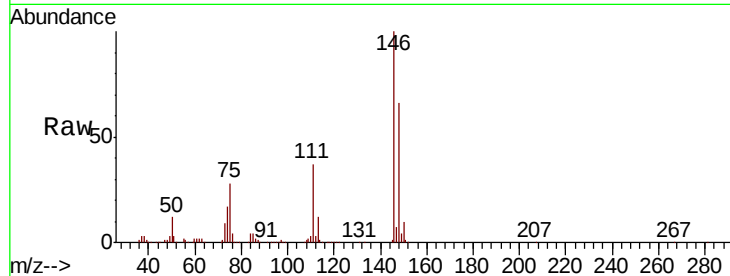
#13
 1,4-Dichlorobenzene
 Concen: 41.080 ng
 RT: 7.46 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		697912		
148	65.7	52.5	78.7		
111	37.1	33.0	49.4		

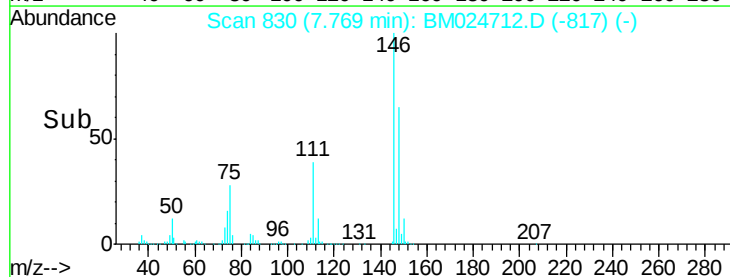
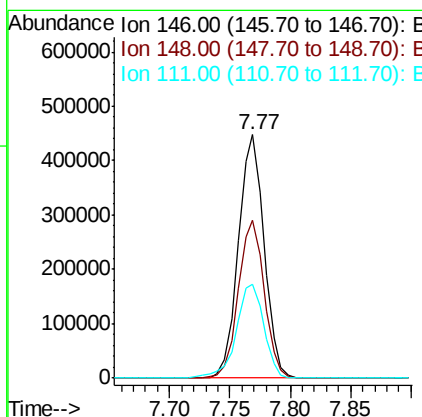
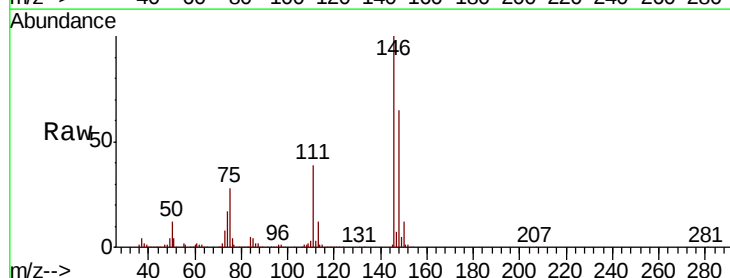
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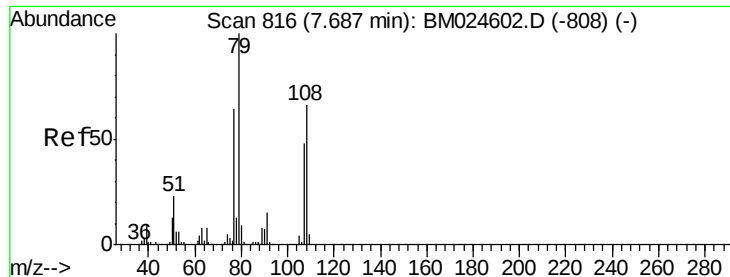
mohammad
 2/10/2020 8:10:09 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.536 ng
 RT: 7.77 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		664751		
148	65.0	51.9	77.9		
111	38.6	34.5	51.7		





#15

Benzyl Alcohol

Concen: 40.708 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

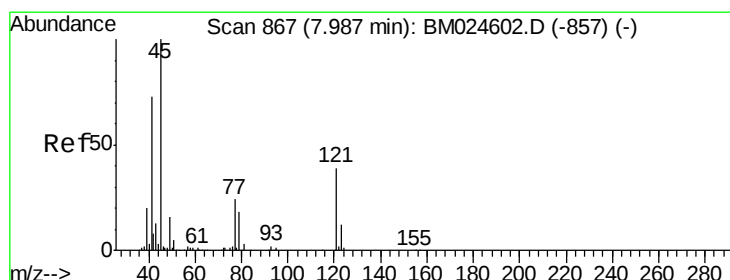
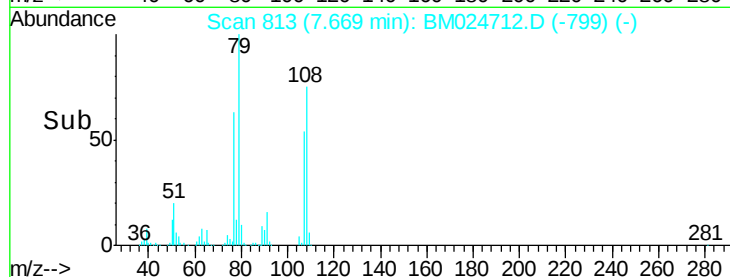
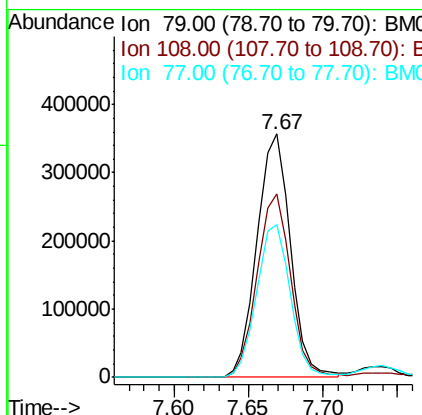
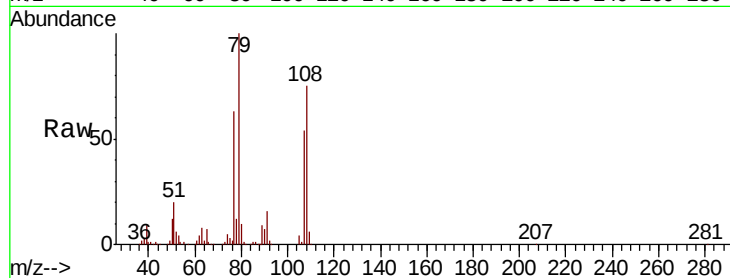
ClientSampleId :

SU-02-013120MS

Tot Ion:	79	Resp:	553651
Ion Ratio	Lower	Upper	
79	100		
108	75.3	53.0	79.4
77	62.9	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.070 ng

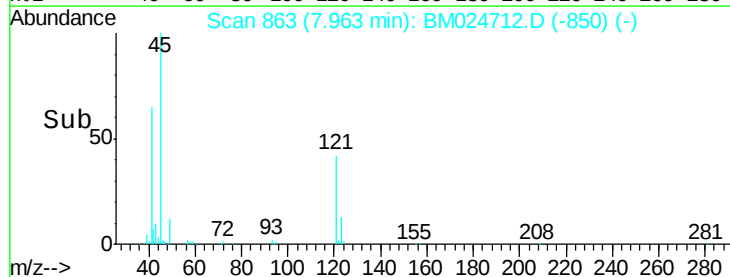
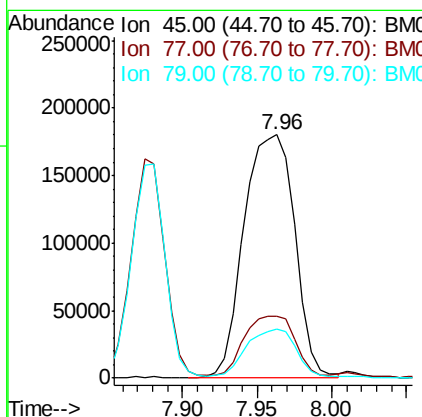
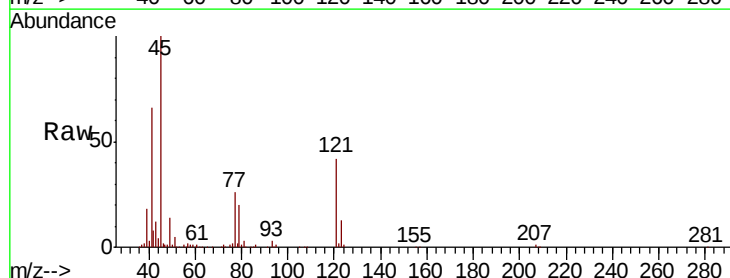
RT: 7.96 min Scan# 863

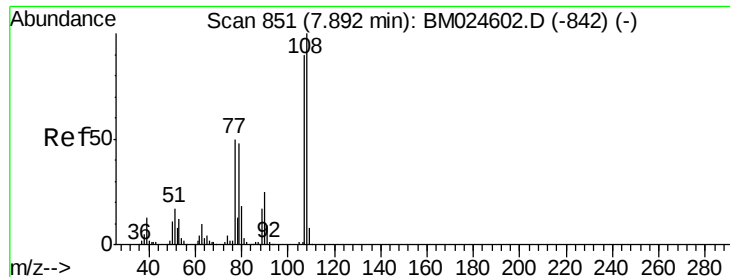
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:	45	Resp:	422622
Ion Ratio	Lower	Upper	
45	100		
77	25.6	5.2	45.2
79	19.9	0.0	39.4





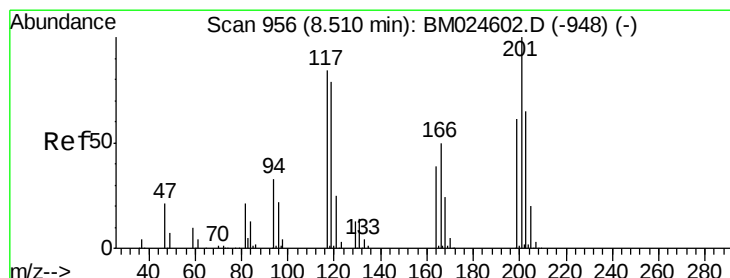
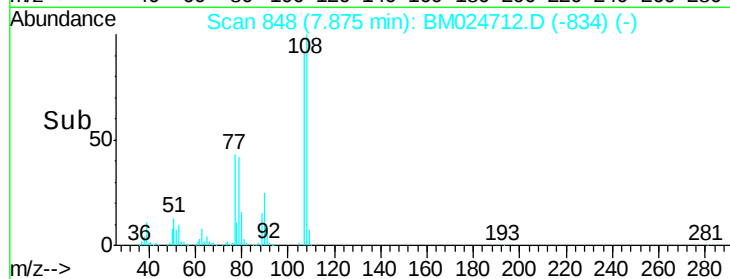
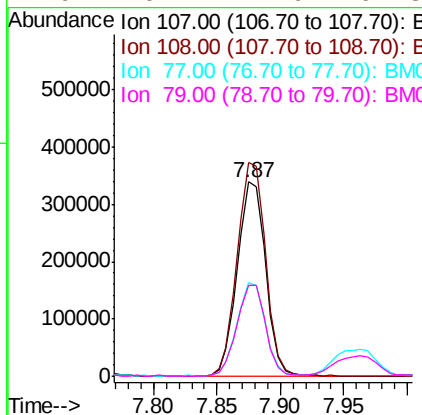
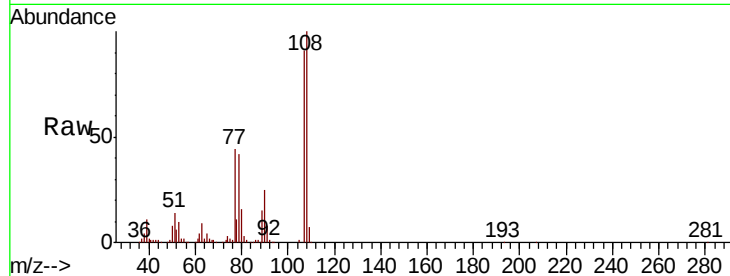
#17
2-Methylphenol
Concen: 45.498 ng
RT: 7.87 min Scan# 848
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion:	107	Resp:	527201
Ion Ratio	Lower	Upper	
107	100		
108	110.1	88.9	133.3
77	48.0	44.5	66.7
79	46.7	42.9	64.3

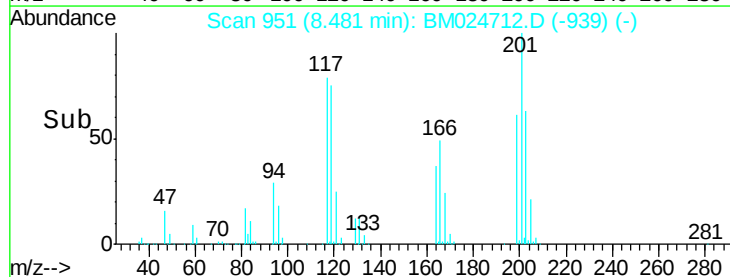
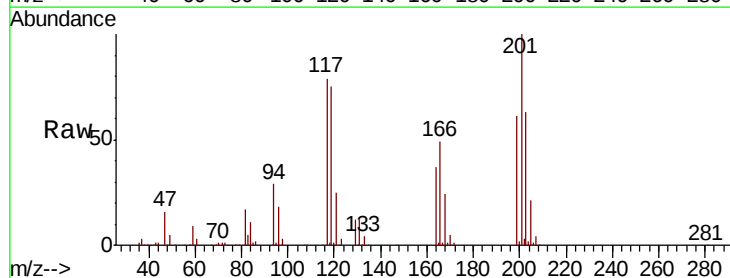
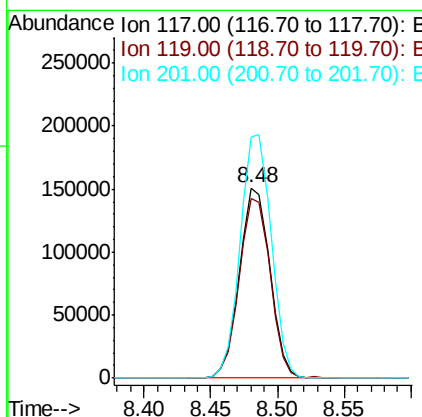
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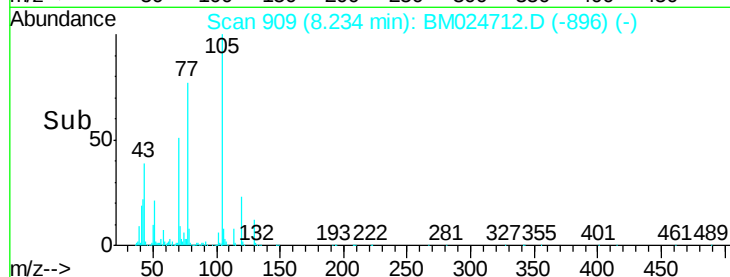
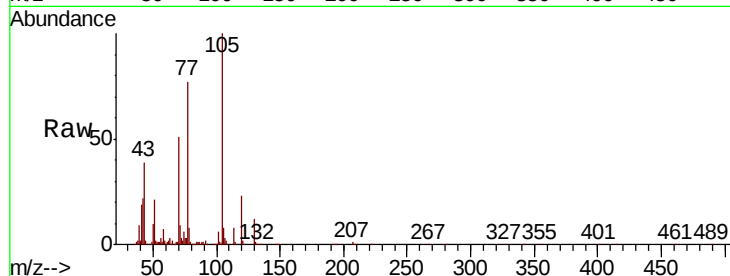
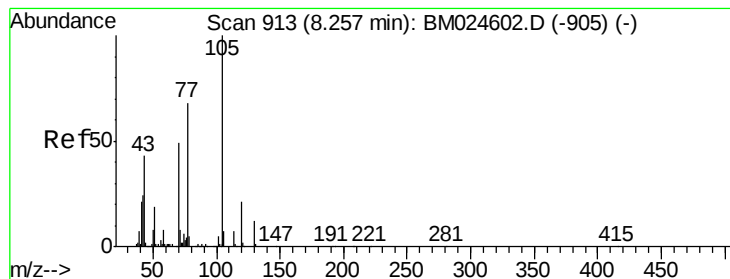
mohammad
2/10/2020 8:10:09 AM



#18
Hexachloroethane
Concen: 36.508 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.03 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:	117	Resp:	239504
Ion Ratio	Lower	Upper	
117	100		
119	94.6	75.4	113.2
201	126.9	95.8	143.6





#19

n-Nitroso-di-n-propylamine

Concen: 35.475 ng/mL

RT: 8.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.7	40.0	60.0
101	11.0	8.2	12.2
130	24.3	18.6	27.8

Instrument :

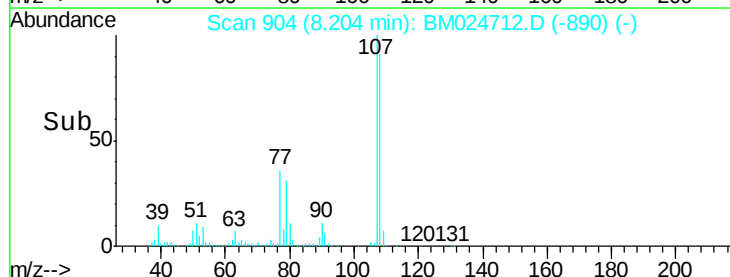
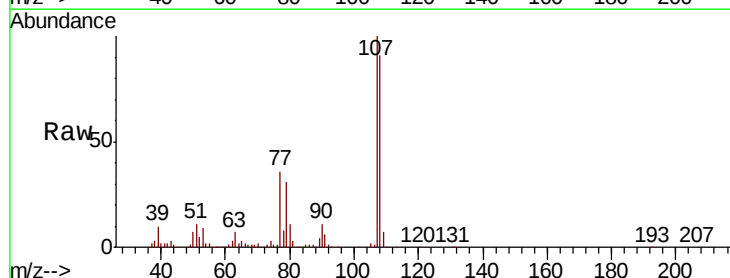
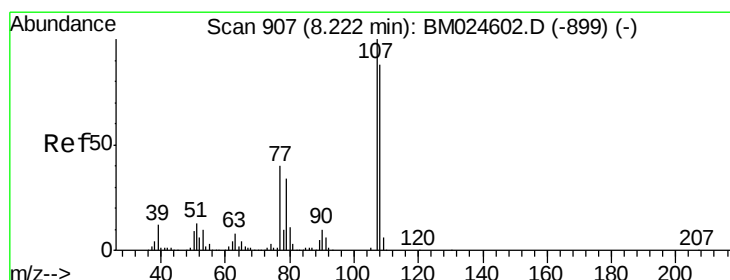
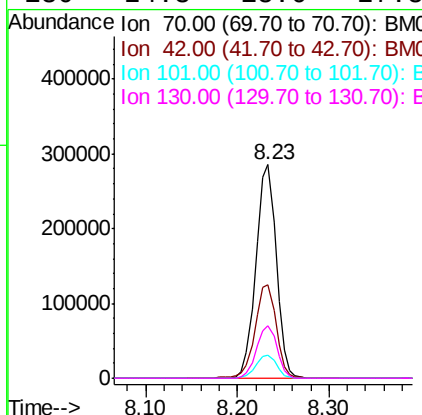
BNA_M

ClientSampleId :

SU-02-013120MS

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#20

3+4-Methylphenols

Concen: 43.867 ng/mL

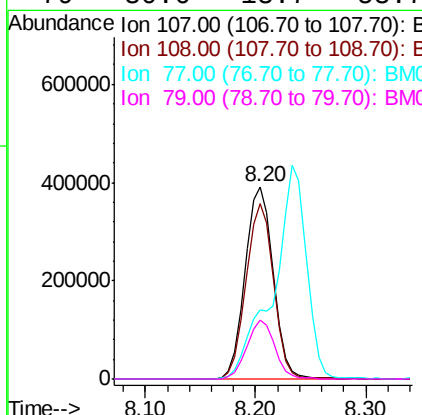
RT: 8.20 min Scan# 904

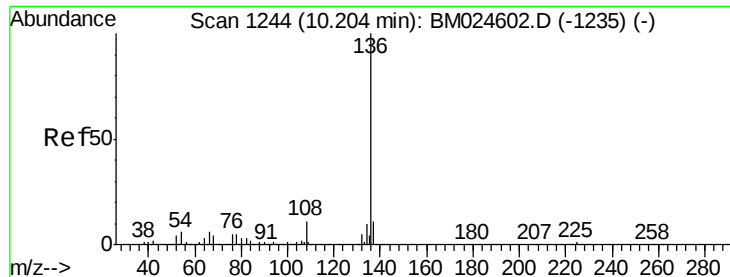
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.0	108.0
77	36.1	19.9	59.9
79	30.6	13.7	53.7





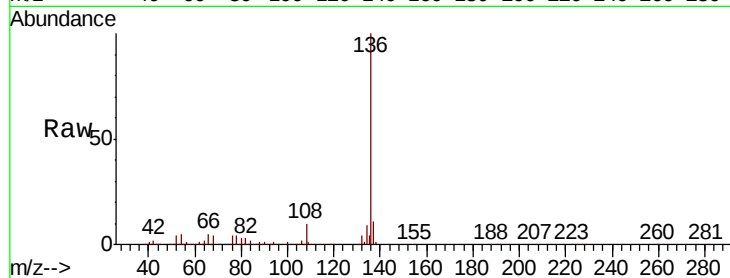
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

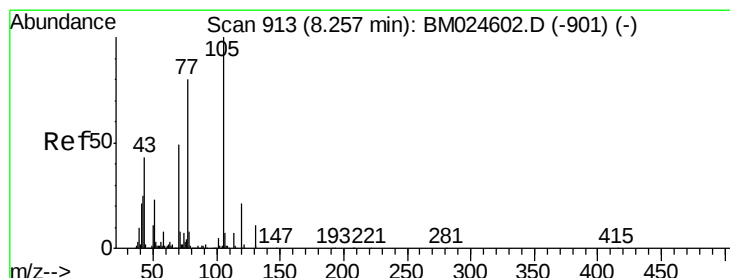
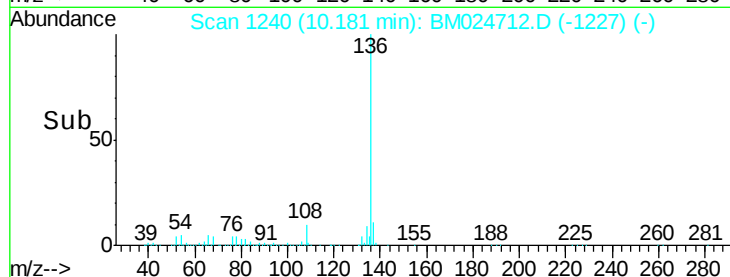
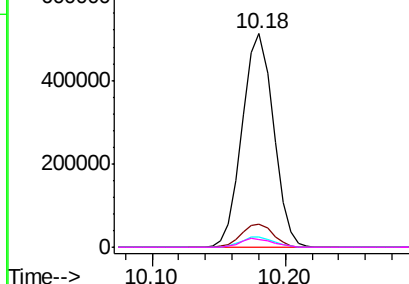
Tot Ion	Ratio	Resp	Lower	Upper
136	100	833006		
137	10.9		8.6	13.0
54	5.0		4.5	6.7
68	3.9		3.4	5.0

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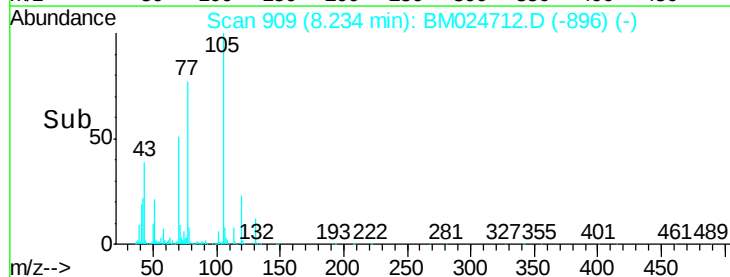
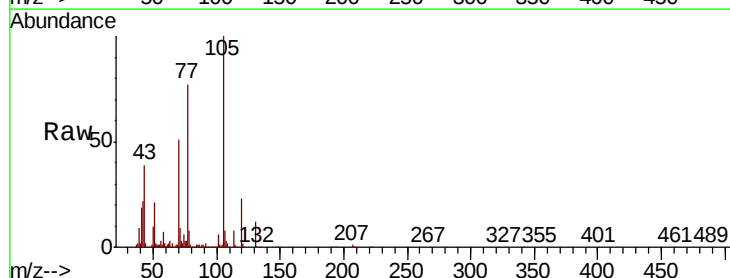
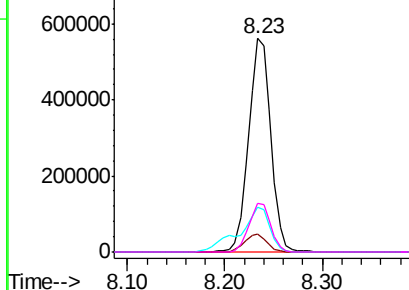
Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

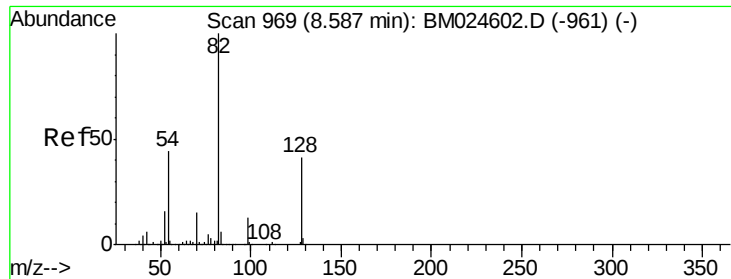


#22
Acetophenone
Concen: 41.772 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	897244		
71	8.6		6.7	10.1
51	21.3		18.5	27.7
120	22.6		16.6	25.0

Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





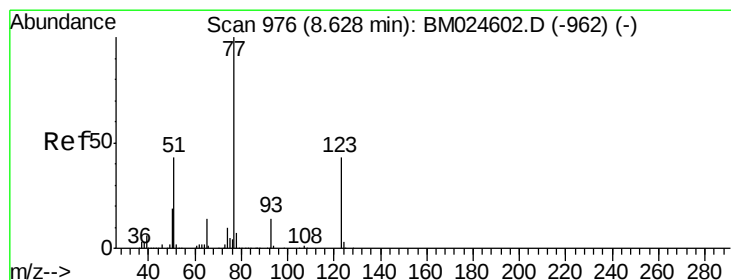
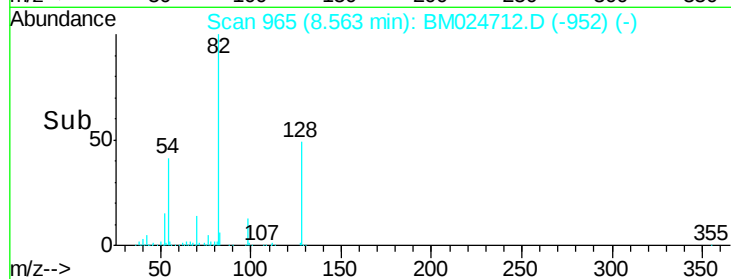
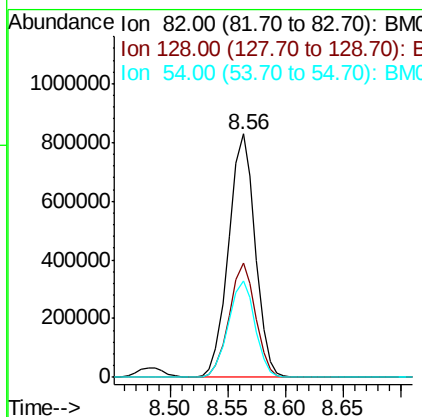
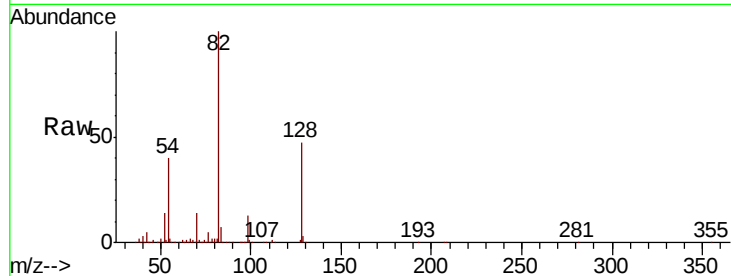
#23
Nitrobenzene-d5
Concen: 77.787 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	32.6	48.8
54	39.9	34.8	52.2

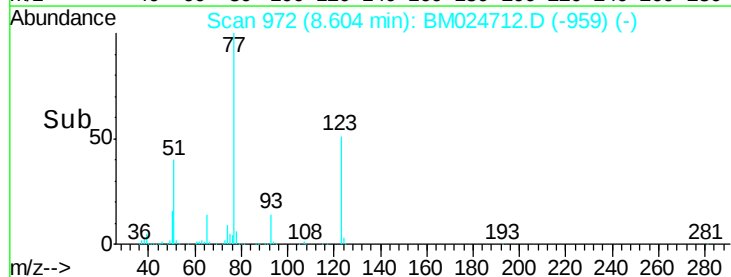
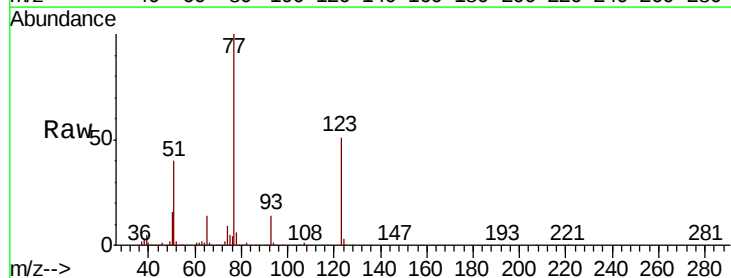
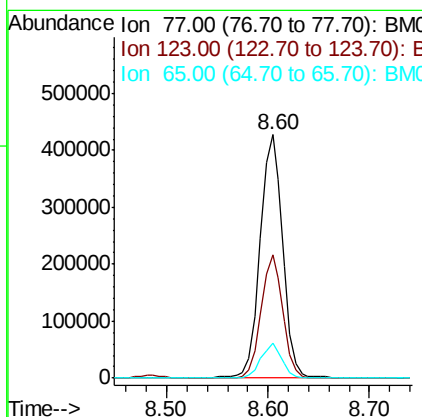
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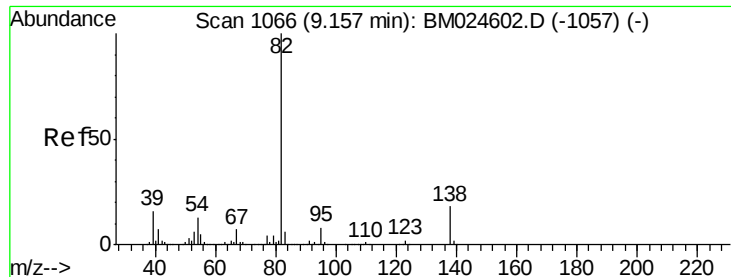
mohammad
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#24
Nitrobenzene
Concen: 40.655 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	34.6	52.0
65	14.1	11.0	16.4





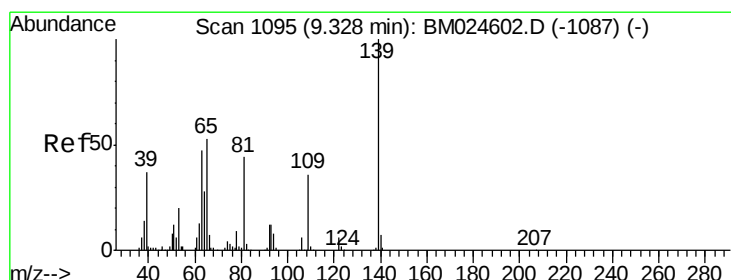
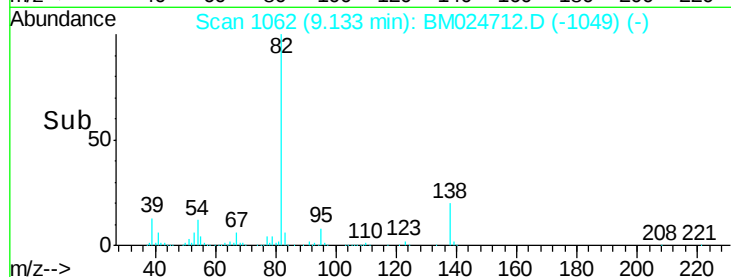
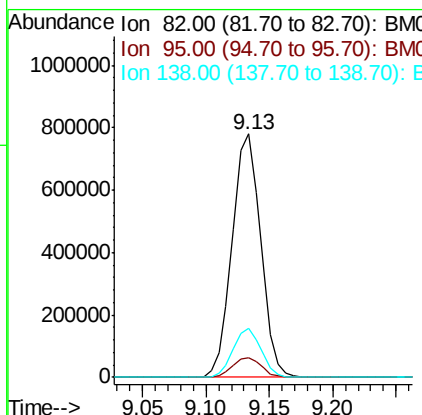
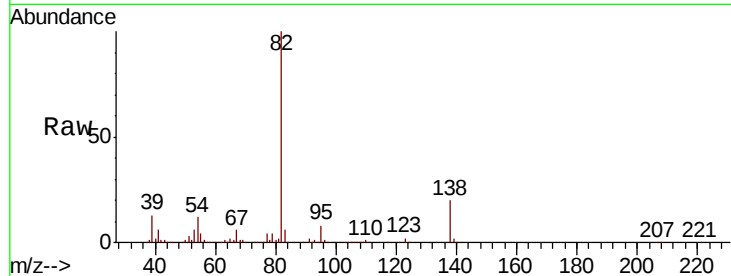
#25
Isophorone
Concen: 42.212 ng
RT: 9.13 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.7	10.1
138	20.3	14.7	22.1

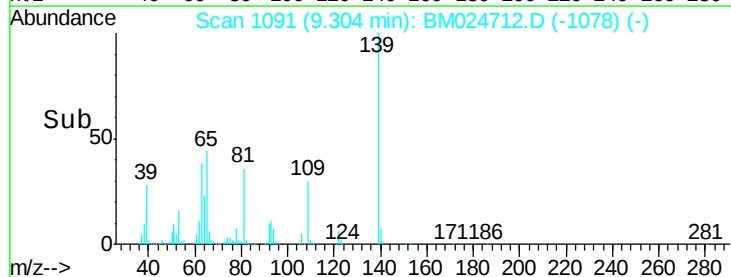
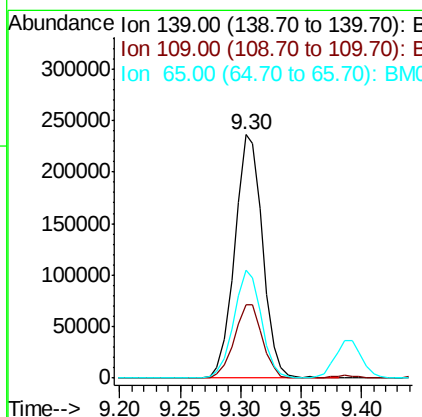
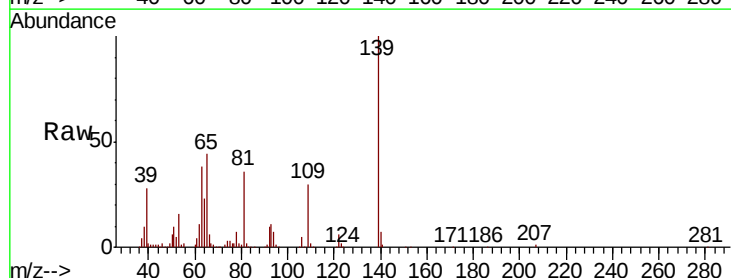
Manual Integrations
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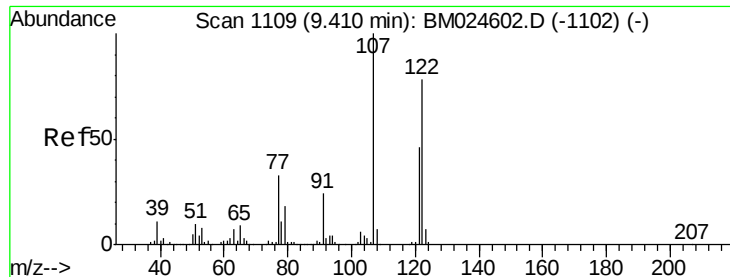
mohammad
2/10/2020 8:10:09 AM



#26
2-Nitrophenol
Concen: 50.309 ng
RT: 9.30 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.3	28.8	43.2
65	44.3	42.6	63.8





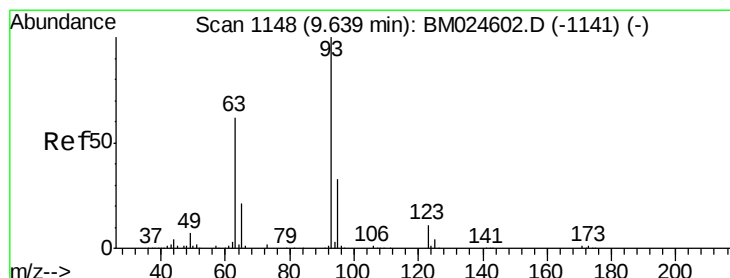
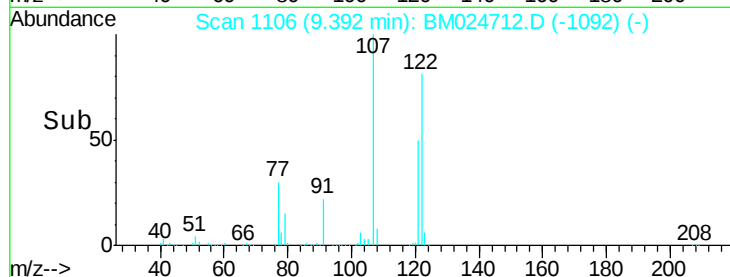
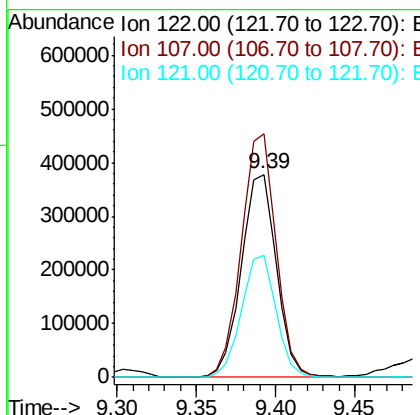
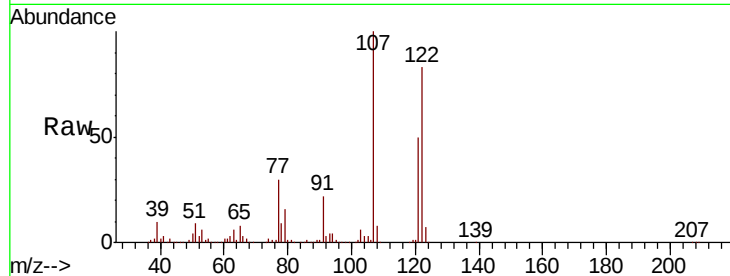
#27
2,4-Dimethylphenol
Concen: 56.953 ng
RT: 9.39 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.8	102.5	153.7
121	59.8	47.0	70.4

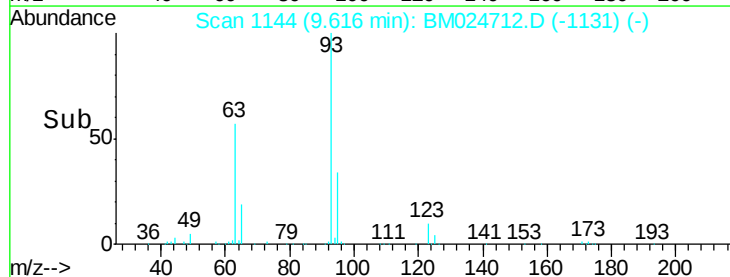
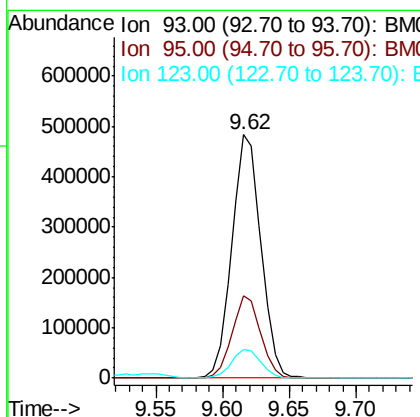
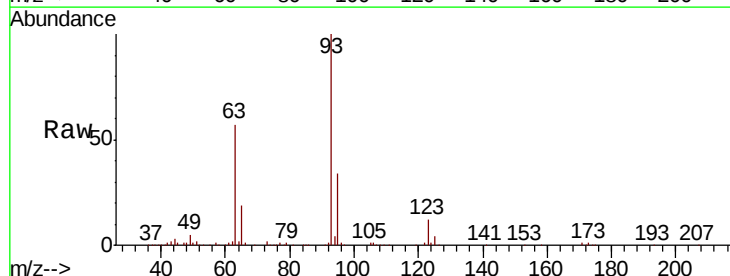
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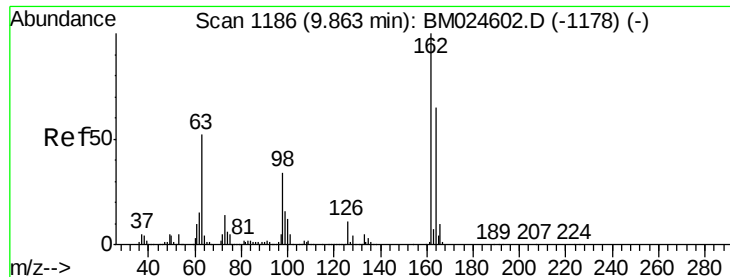
mohammad
2/10/2020 8:10:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.745 ng
RT: 9.62 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.1	39.1
123	11.9	8.7	13.1





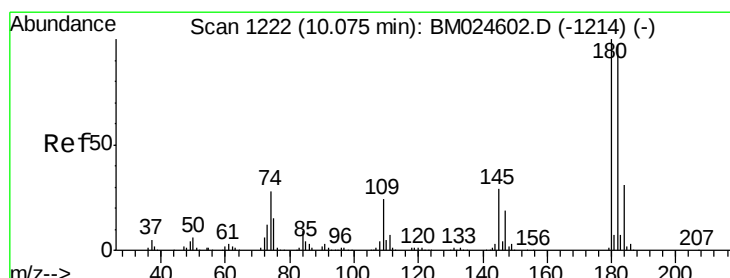
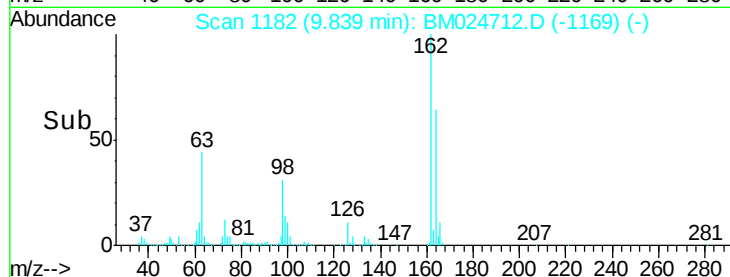
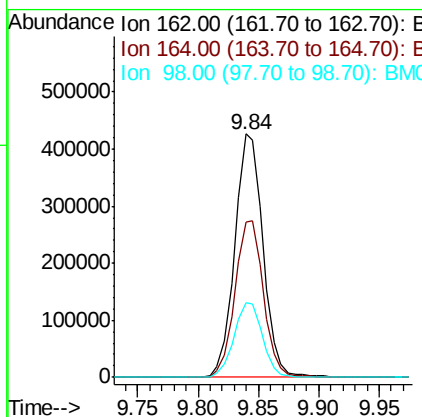
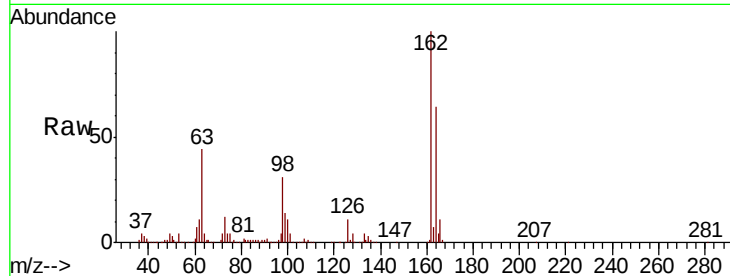
#29
 2,4-Dichlorophenol
 Concen: 50.370 ng
 RT: 9.84 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

Tot Ion:	162	Resp:	697004
Ion Ratio		Lower	Upper
162	100		
164	63.8	44.5	84.5
98	30.6	14.2	54.2

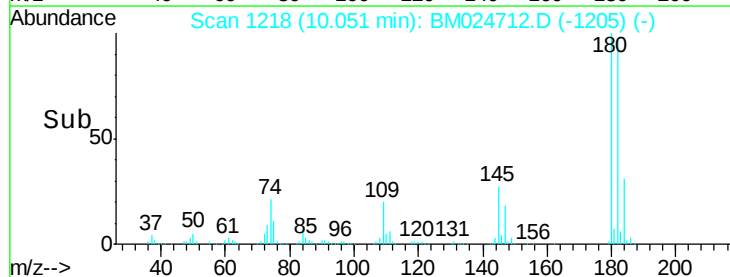
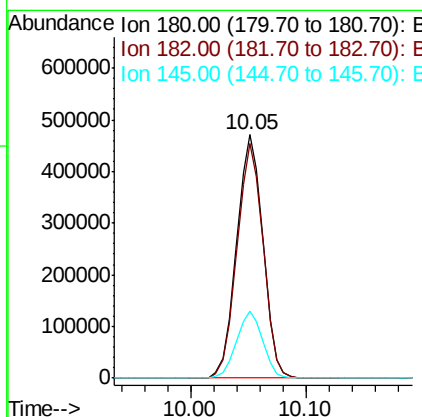
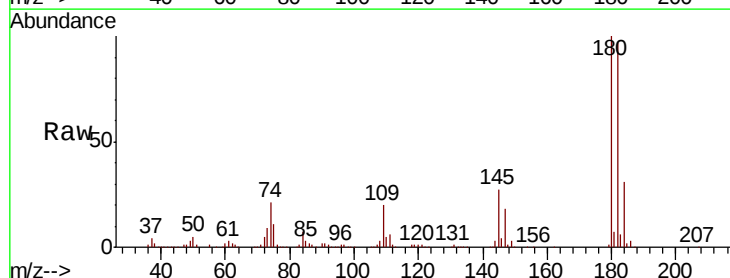
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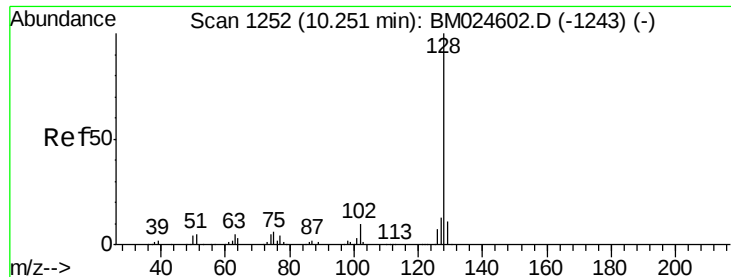
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.397 ng
 RT: 10.05 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion:	180	Resp:	740938
Ion Ratio		Lower	Upper
180	100		
182	96.6	77.8	116.6
145	27.5	22.9	34.3





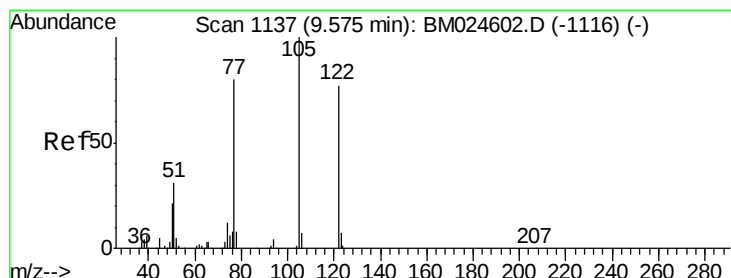
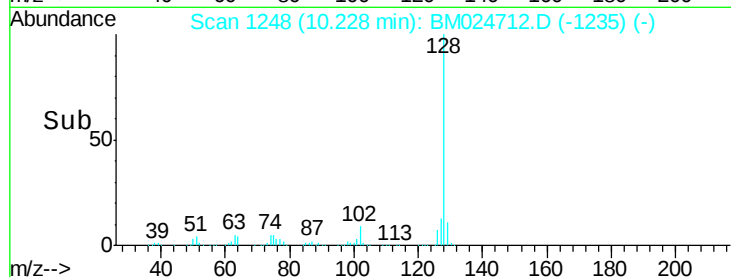
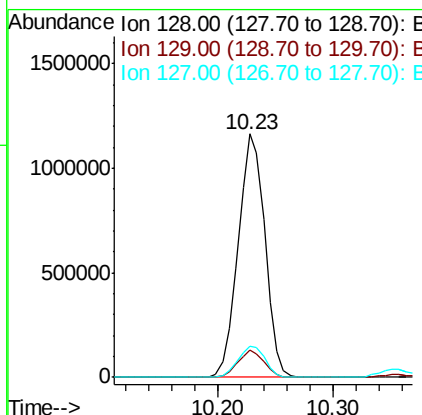
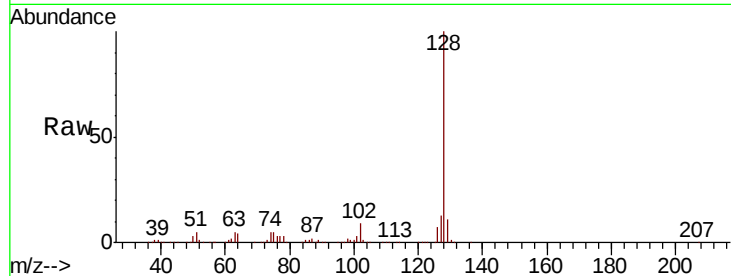
#31
Naphthalene
Concen: 44.231 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.0	10.6	15.8

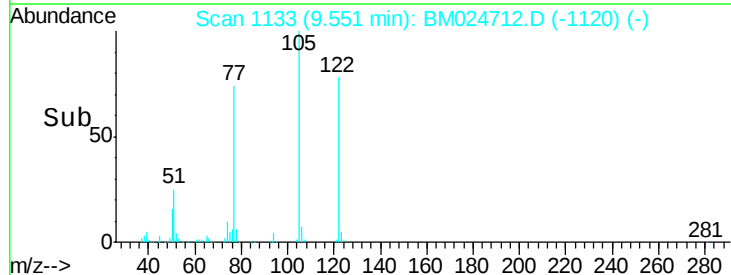
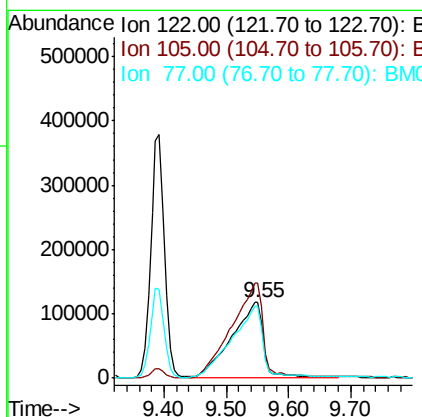
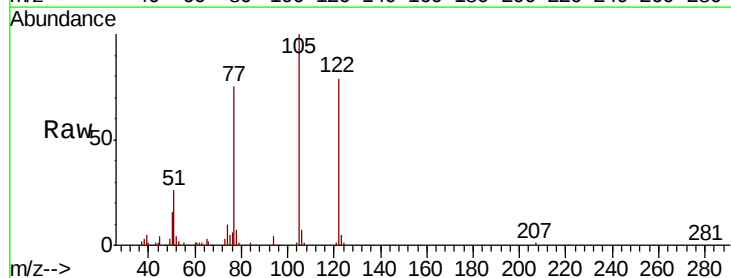
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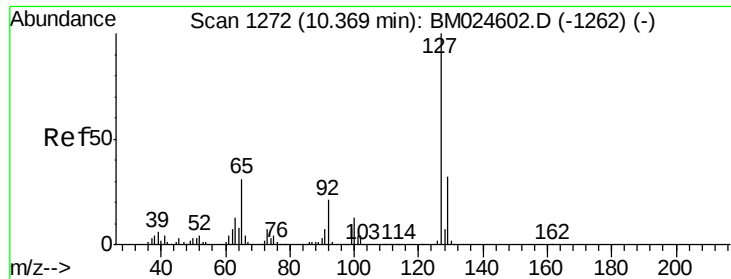
mohammad
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#32
Benzoic acid
Concen: 45.448 ng m
RT: 9.55 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	107.7	147.7
77	94.9	83.8	123.8





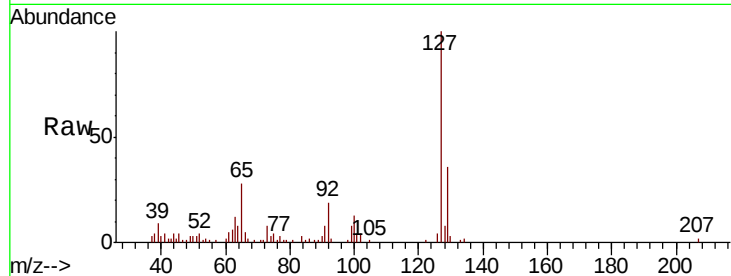
#33
4-Chloroaniline
Concen: 4.464 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

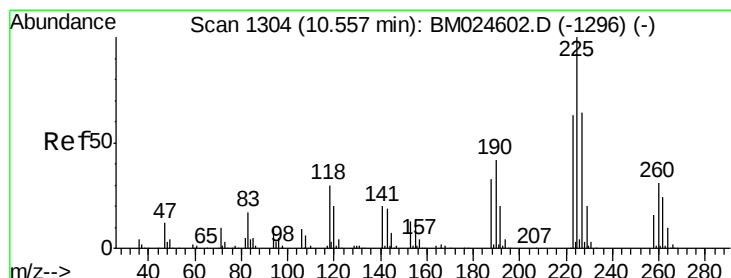
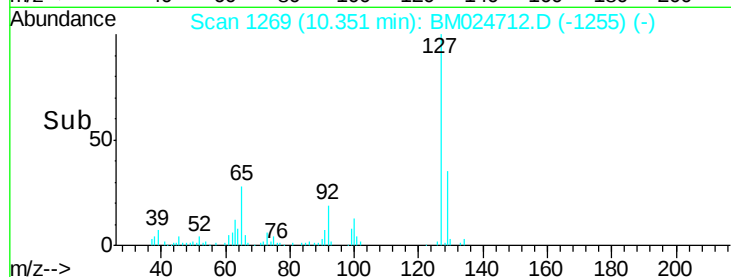
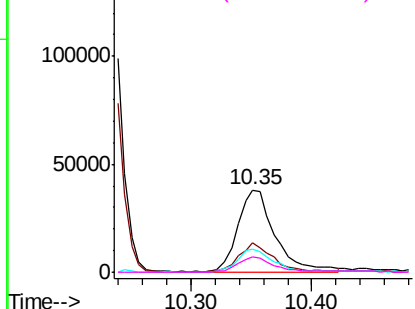
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		82323		
129	35.6	25.9	38.9		
65	28.2	25.1	37.7		
92	19.0	16.6	25.0		

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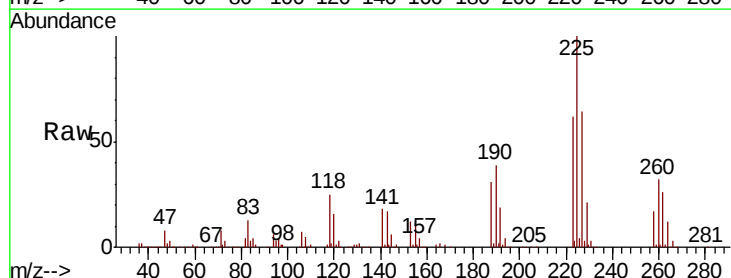


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

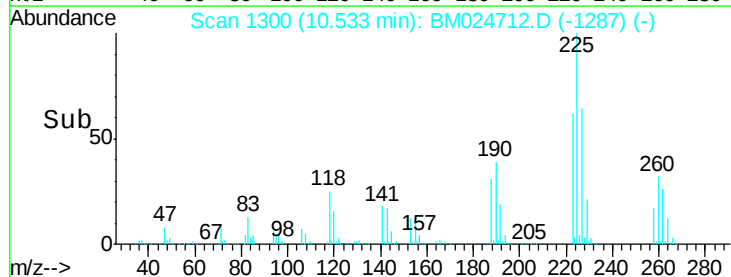
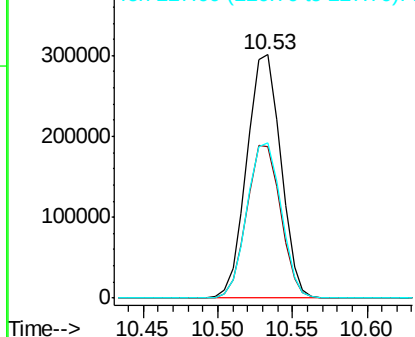


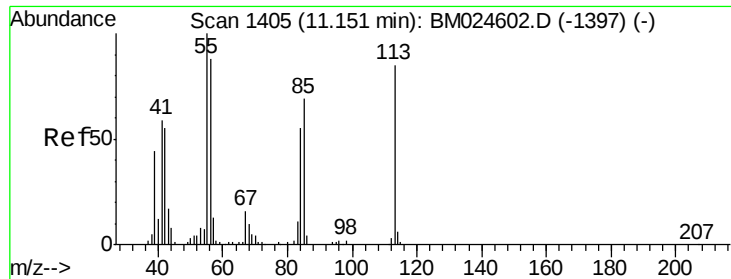
#34
Hexachlorobutadiene
Concen: 41.125 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		474450		
223	62.4	50.7	76.1		
227	63.6	51.4	77.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.550 ng/mL

RT: 11.13 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

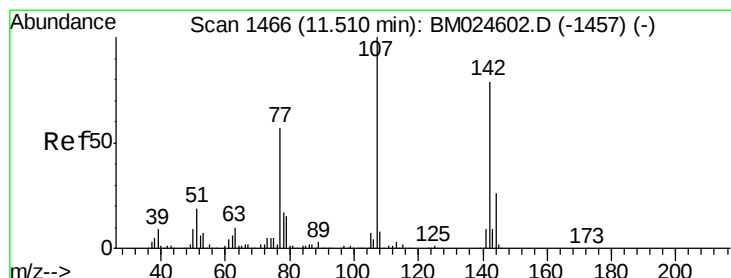
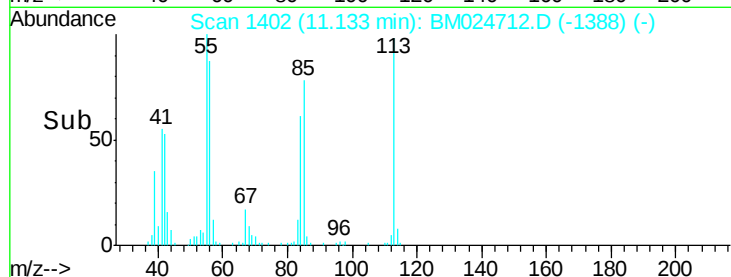
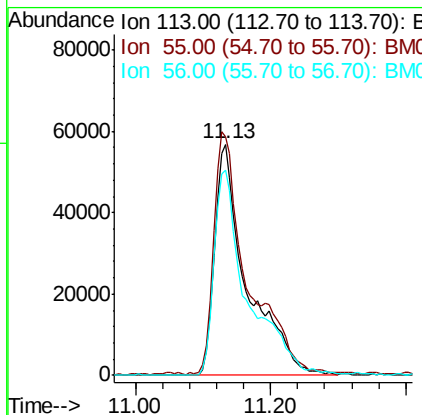
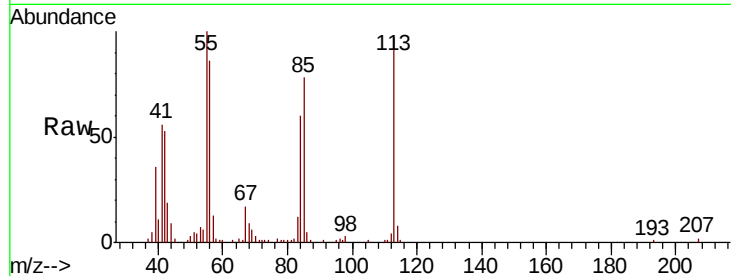
ClientSampleId :

SU-02-013120MS

Tot Ion:	113	Resp:	188903
Ion Ratio	Lower	Upper	
113	100		
55	103.5	97.5	137.5
56	89.1	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 43.593 ng/mL

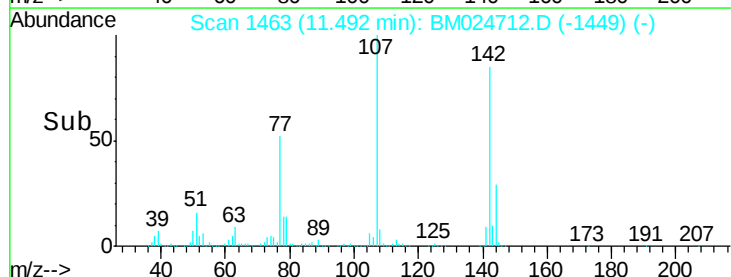
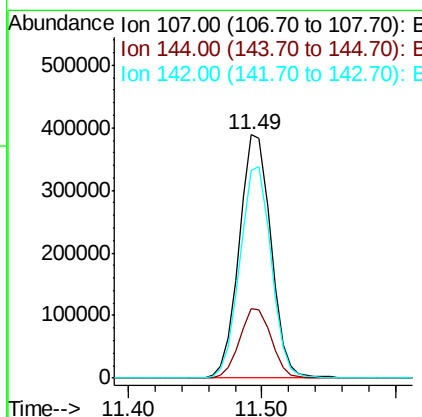
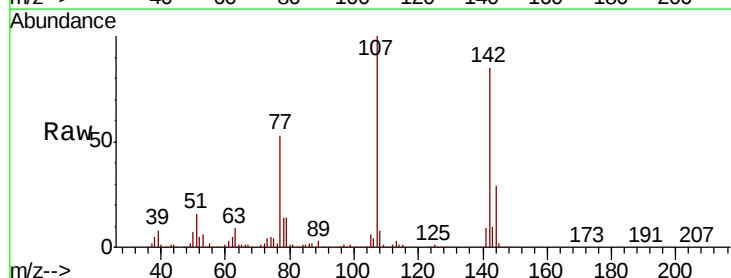
RT: 11.49 min Scan# 1463

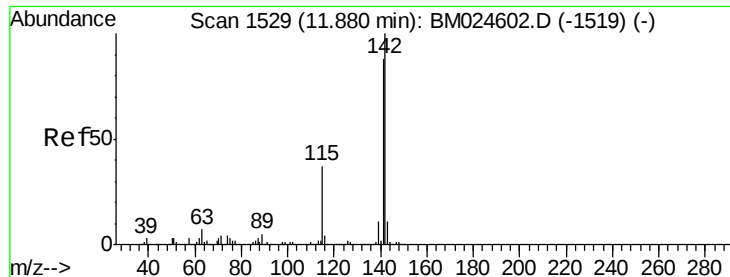
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:	107	Resp:	641430
Ion Ratio	Lower	Upper	
107	100		
144	28.6	20.5	30.7
142	85.2	62.8	94.2





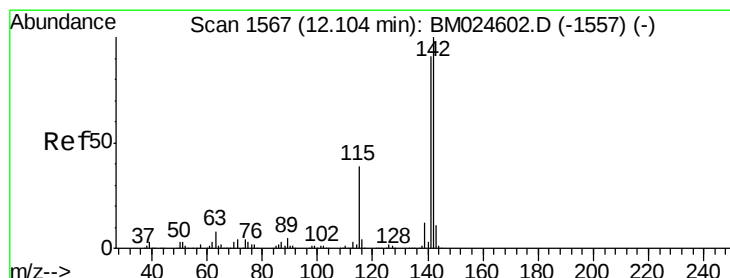
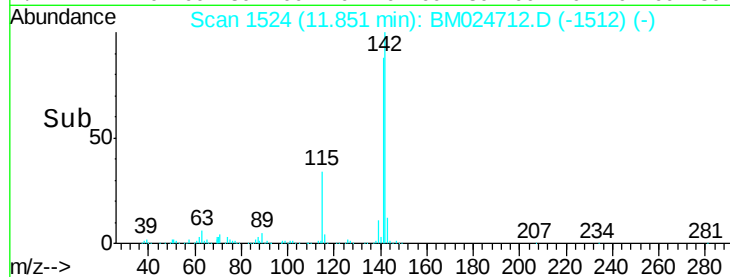
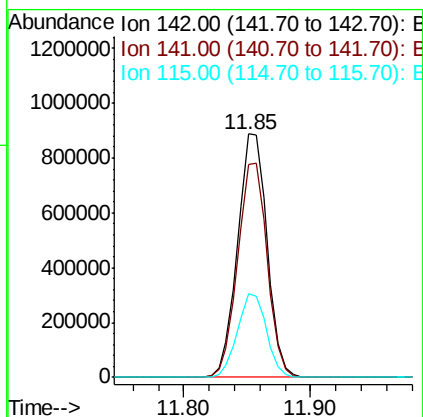
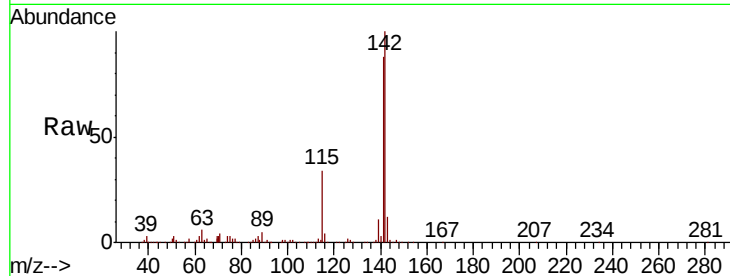
#37
2-Methylnaphthalene
Concen: 44.061 ng
RT: 11.85 min Scan# 1524
Delta R.T. -0.03 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	87.5	70.2	105.2	
115	34.2	29.7	44.5	

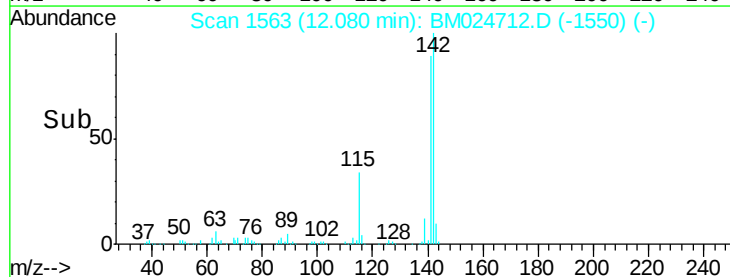
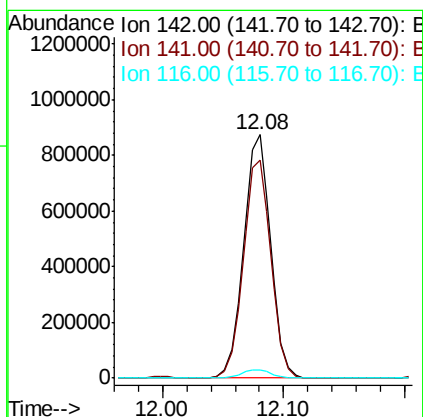
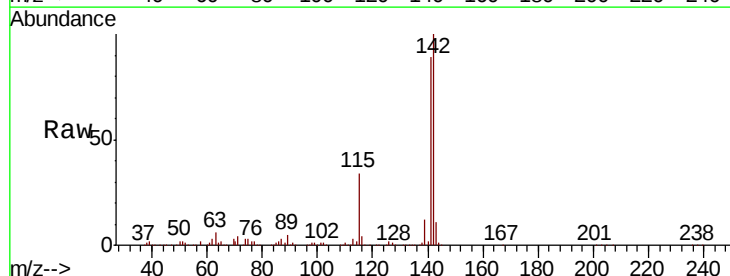
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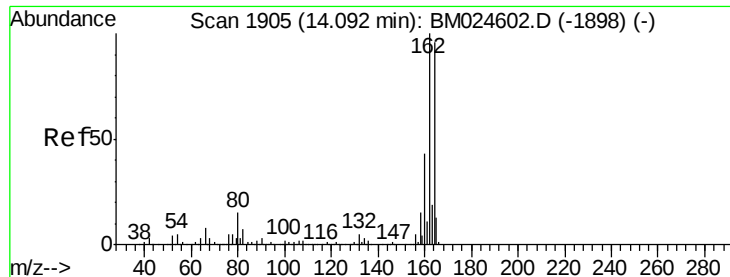
mohammad
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#38
1-Methylnaphthalene
Concen: 44.028 ng
RT: 12.08 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	89.3	72.8	109.2	
116	3.6	3.2	4.8	





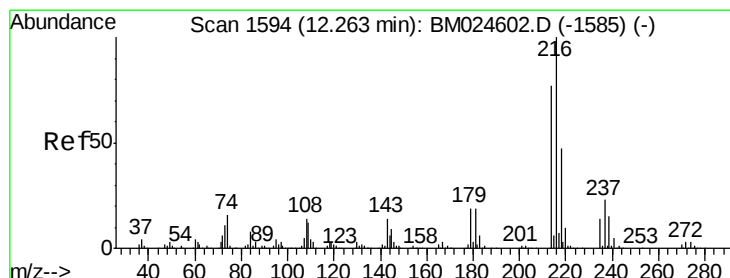
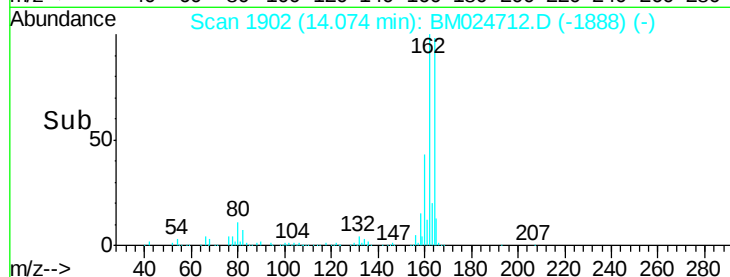
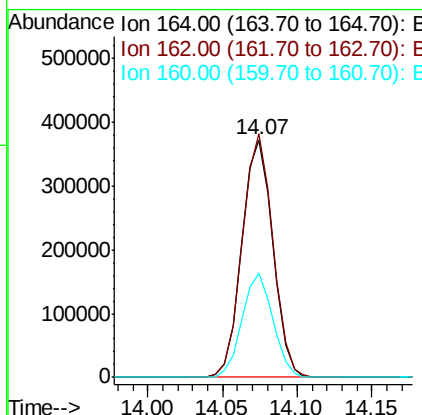
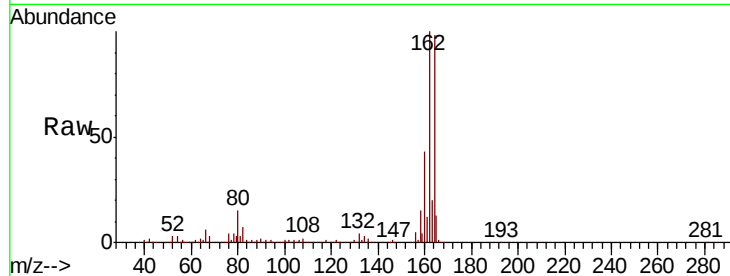
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.9	124.3
160	43.8	35.5	53.3

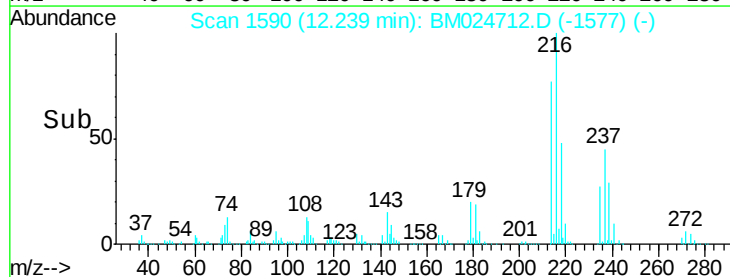
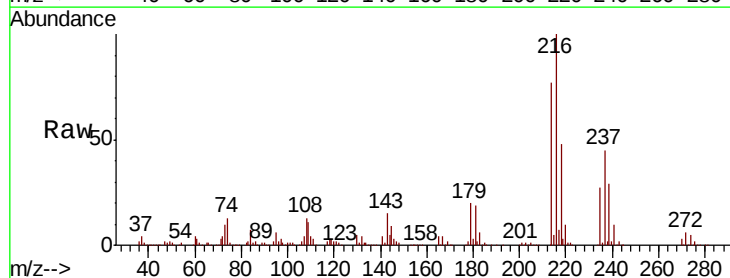
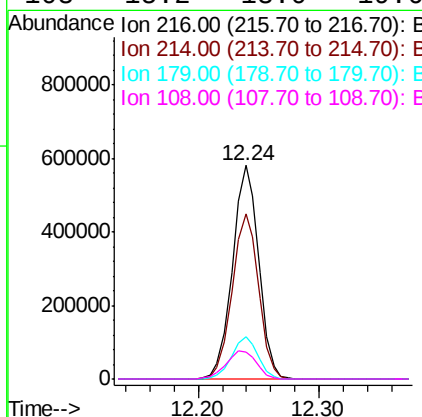
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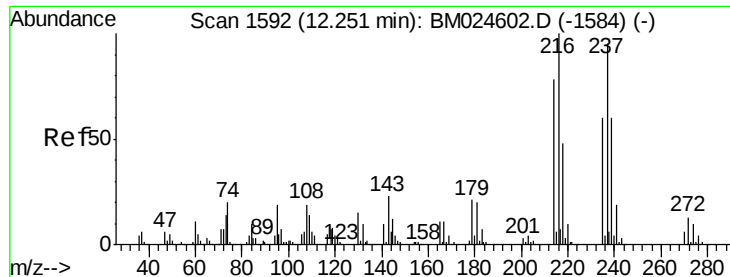
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.034 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	19.7	16.1	24.1
108	15.2	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 94.304 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

SU-02-013120MS

Tot Ion:237 Resp: 1007298

Ion Ratio Lower Upper

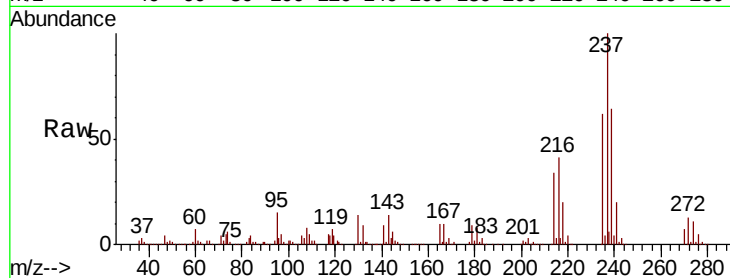
237 100

235 62.4 43.3 83.3

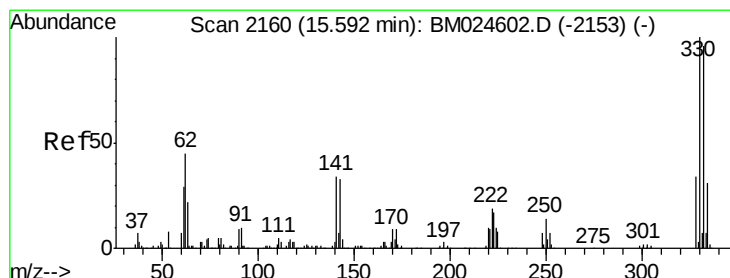
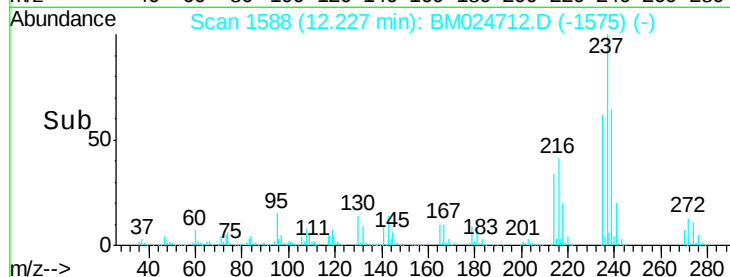
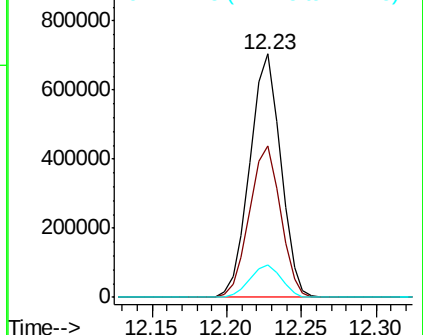
272 13.4 0.0 33.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.849 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

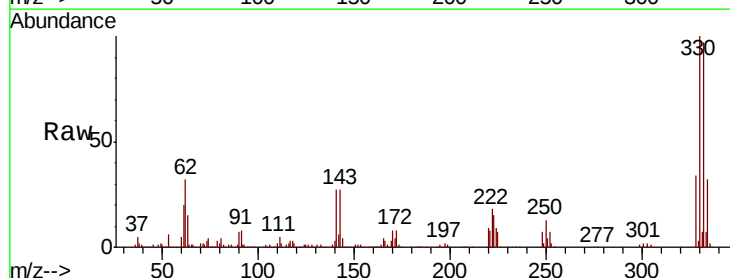
Tgt Ion:330 Resp: 1214627

Ion Ratio Lower Upper

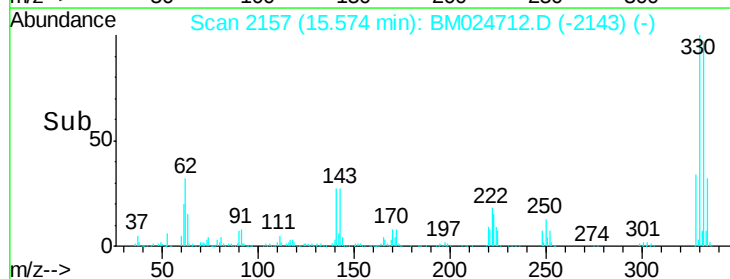
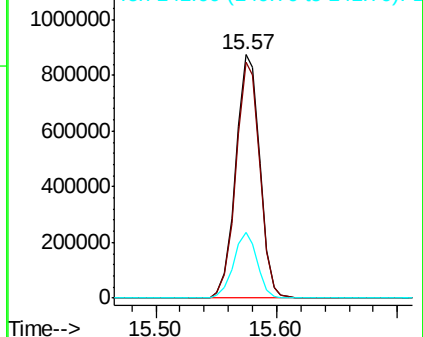
330 100

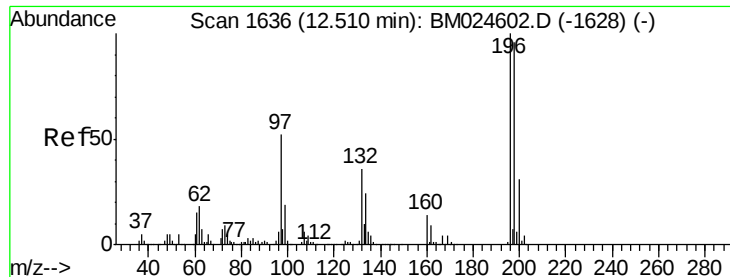
332 96.1 77.2 115.8

141 26.7 26.9 40.3#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





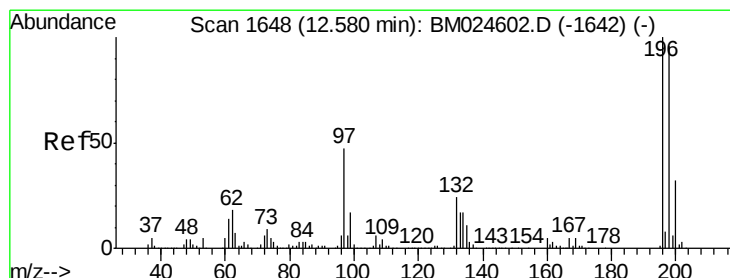
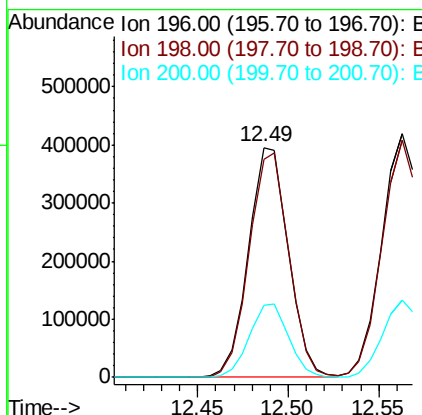
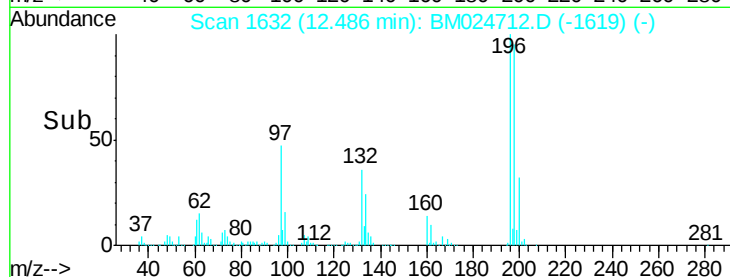
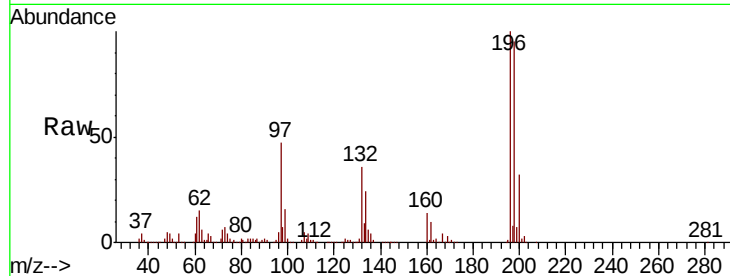
#43
 2,4,6-Trichlorophenol
 Concen: 49.988 ng
 RT: 12.49 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

Tot Ion:	196	Resp:	606188
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.5	114.7
200	31.6	25.0	37.6

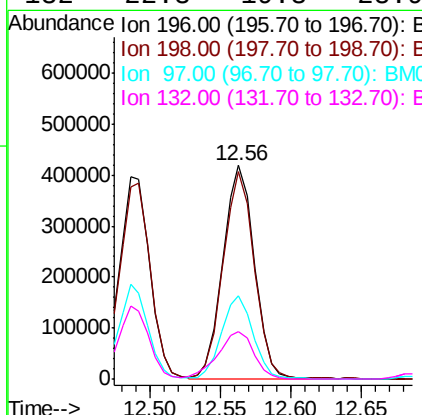
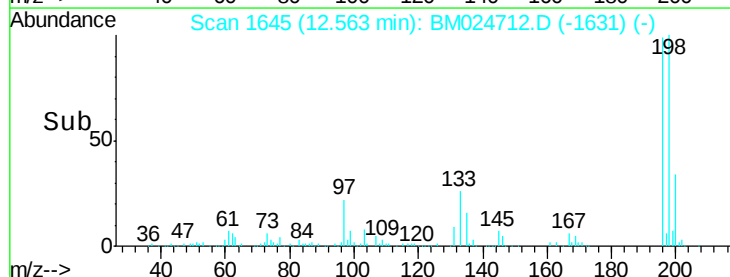
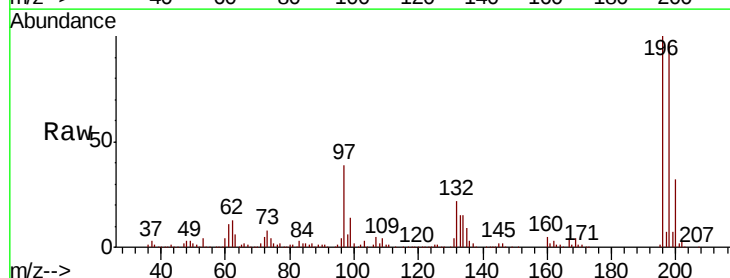
Manual Integrations
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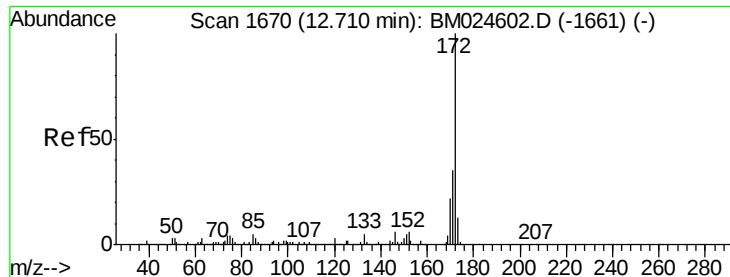
mohammad
 2/10/2020 8:10:09 AM



#44
 2,4,5-Trichlorophenol
 Concen: 52.145 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion:	196	Resp:	645785
Ion Ratio	Lower	Upper	
196	100		
198	97.3	77.2	115.8
97	38.8	37.4	56.0
132	22.3	19.3	28.9





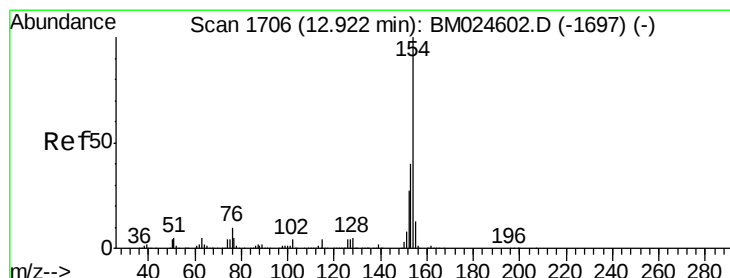
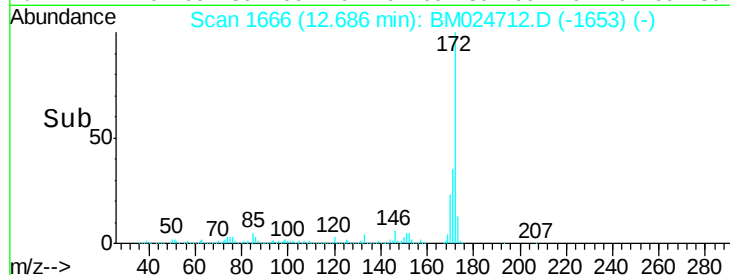
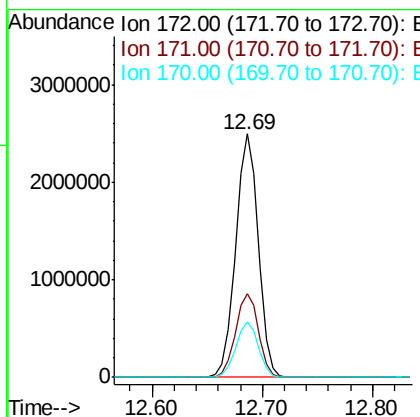
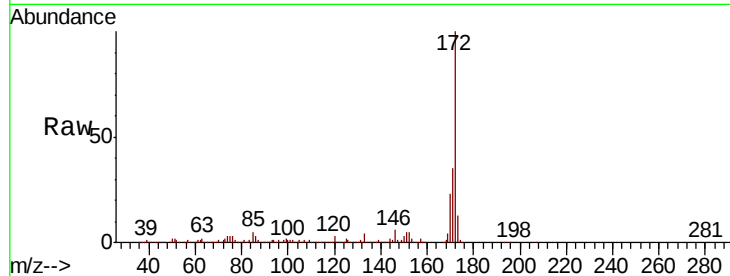
#45
2-Fluorobiphenyl
Concen: 91.108 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion:172 Resp: 3578208
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 17.9 26.9

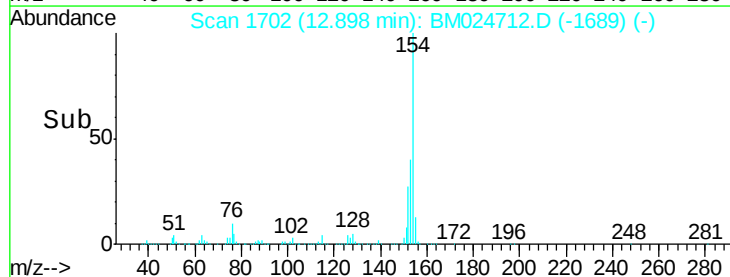
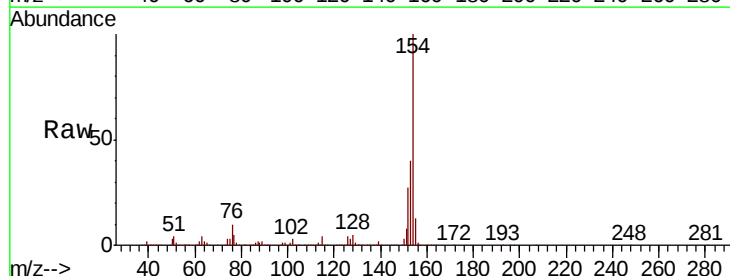
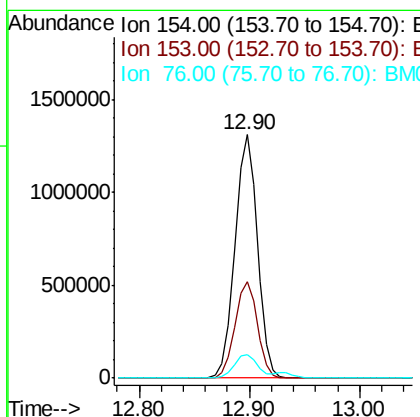
Manual Integrations
APPROVED

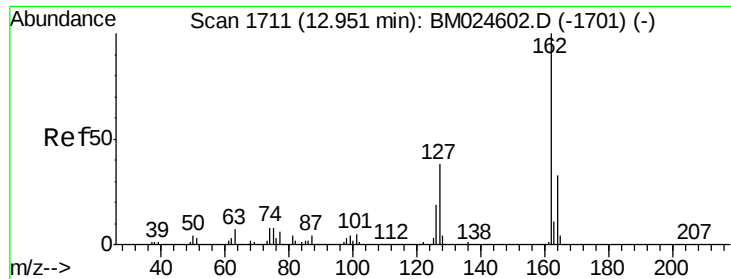
mohammad
2/10/2020 8:10:09 AM



#46
1,1'-Biphenyl
Concen: 46.374 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:154 Resp: 1873854
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 9.7 0.0 30.5





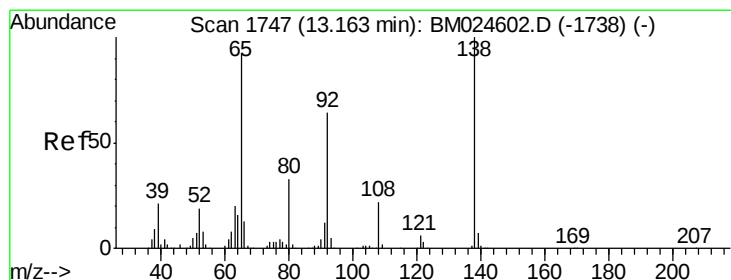
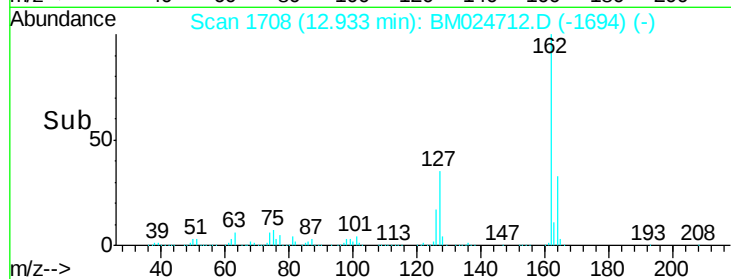
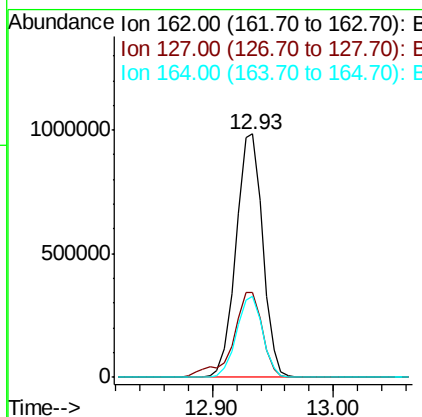
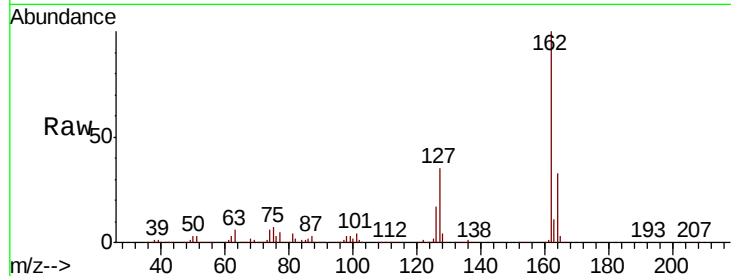
#47
2-Chloronaphthalene
Concen: 46.525 ng
RT: 12.93 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	30.4	45.6
164	33.5	26.5	39.7

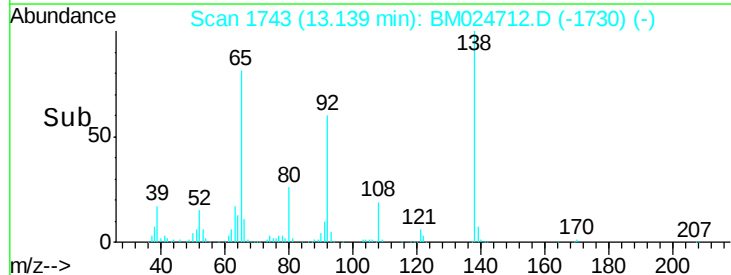
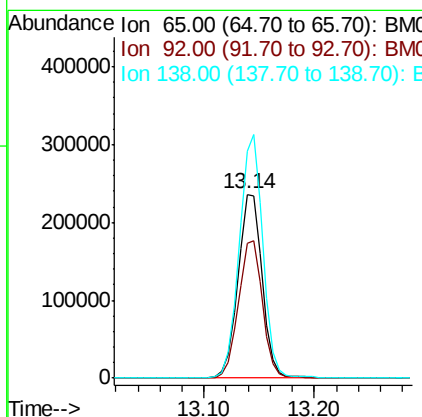
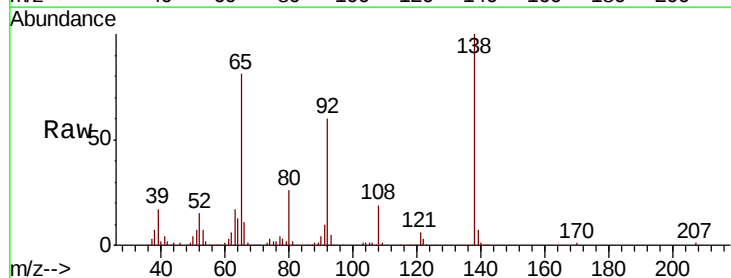
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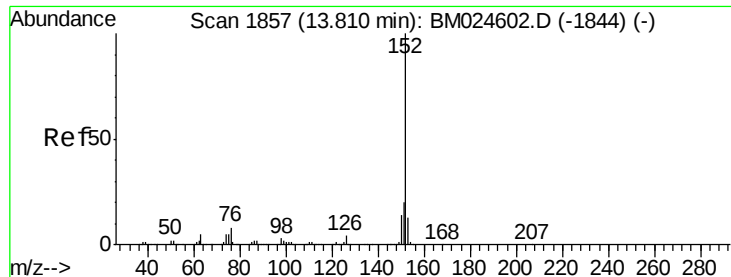
mohammad
2/10/2020 8:10:09 AM



#48
2-Nitroaniline
Concen: 36.760 ng
RT: 13.14 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	55.4	83.2
138	123.9	86.6	129.8





#49

Acenaphthylene

Concen: 48.204 ng

RT: 13.79 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

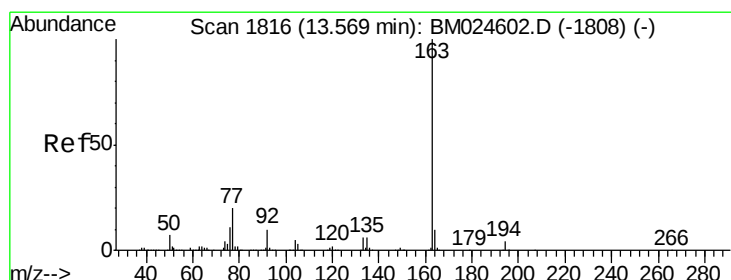
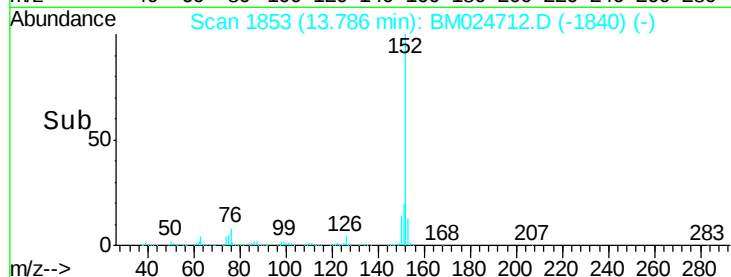
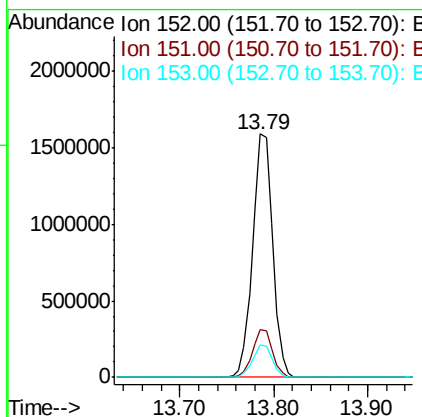
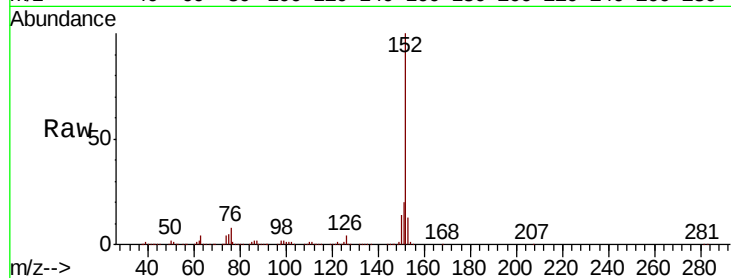
ClientSampleId :

SU-02-013120MS

Tot Ion:	152	Resp:	2353964
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.3	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.485 ng

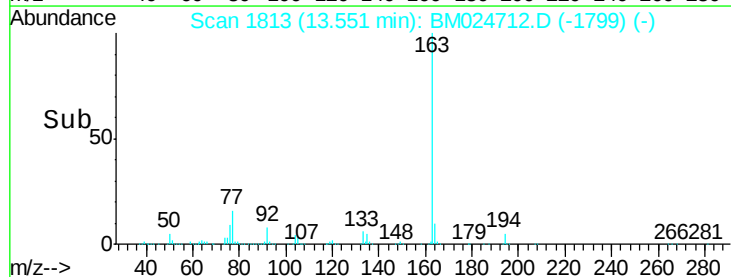
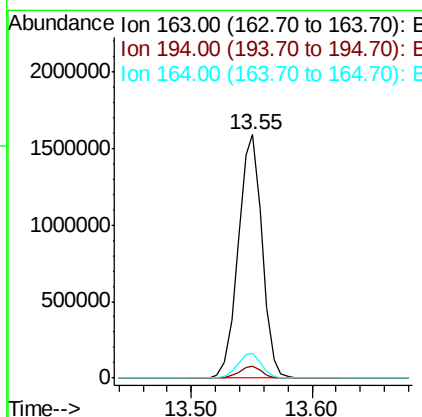
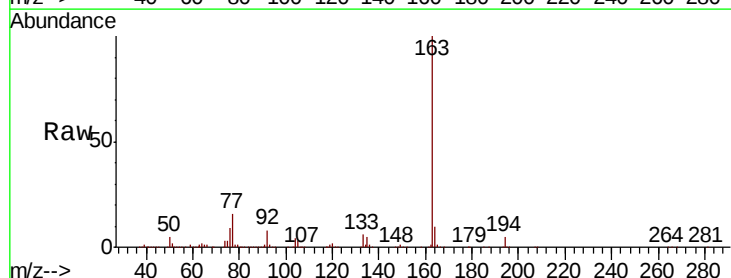
RT: 13.55 min Scan# 1813

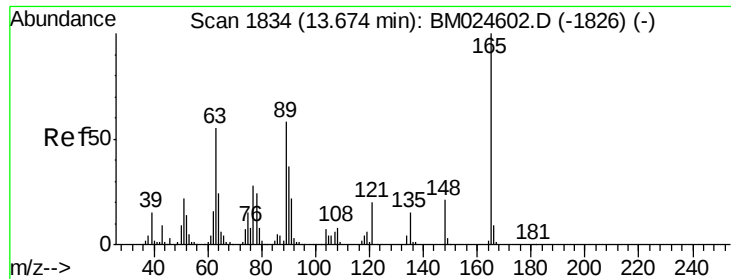
Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:	163	Resp:	2179731
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.1	8.0	12.0





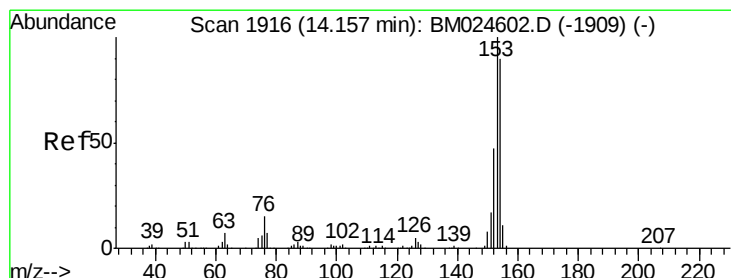
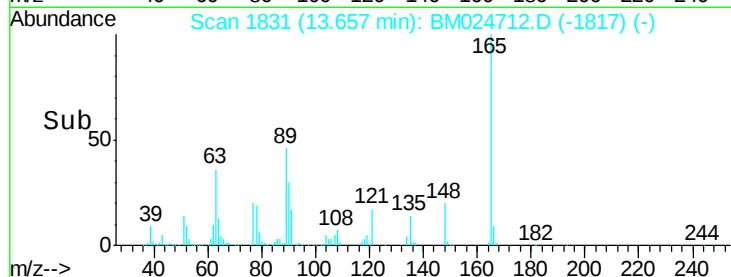
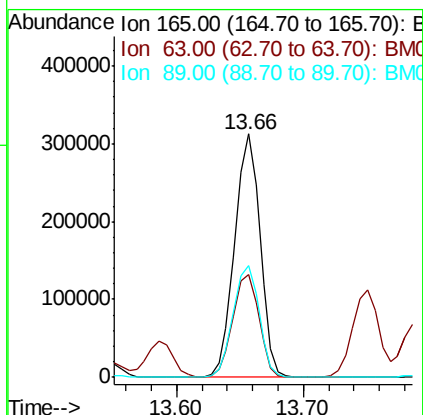
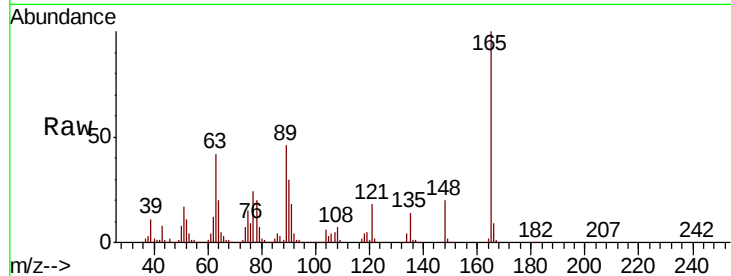
#51
 2,6-Dinitrotoluene
 Concen: 47.374 ng
 RT: 13.66 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	434869		
63	42.3		45.4	68.0#
89	46.2		46.6	69.8#

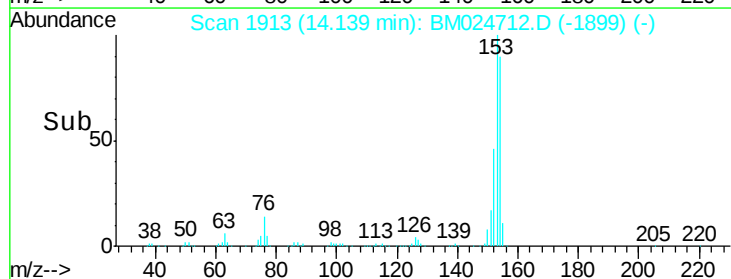
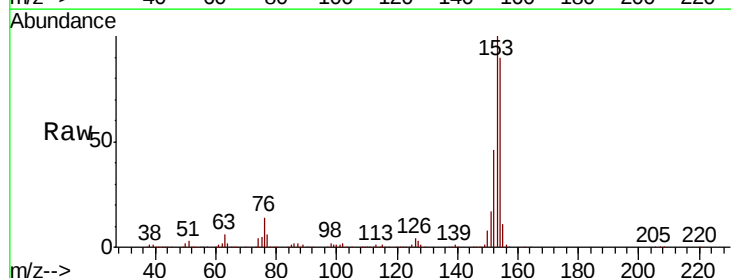
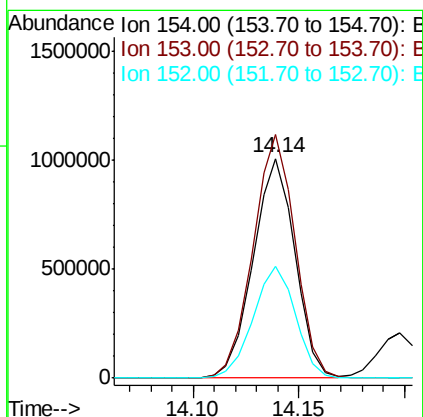
Manual Integrations
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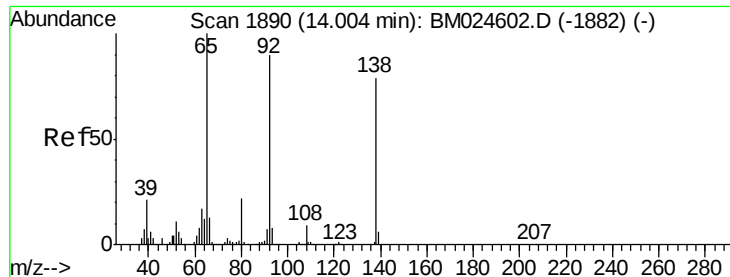
mohammad
 2/10/2020 8:10:09 AM



#52
 Acenaphthene
 Concen: 45.683 ng
 RT: 14.14 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1384330		
153	111.0		89.1	133.7
152	51.2		41.9	62.9





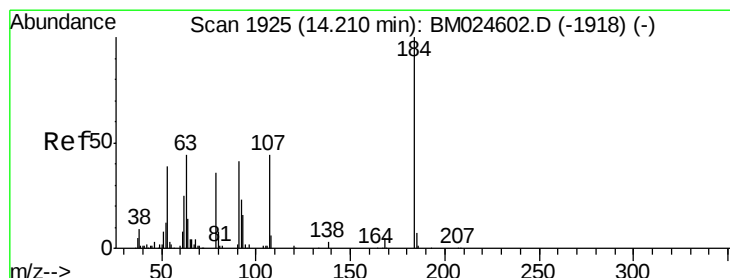
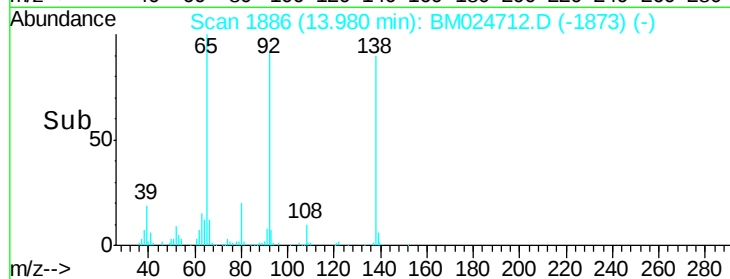
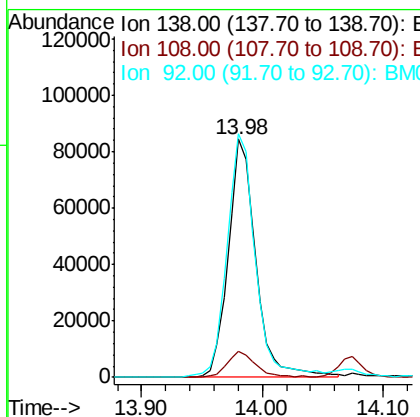
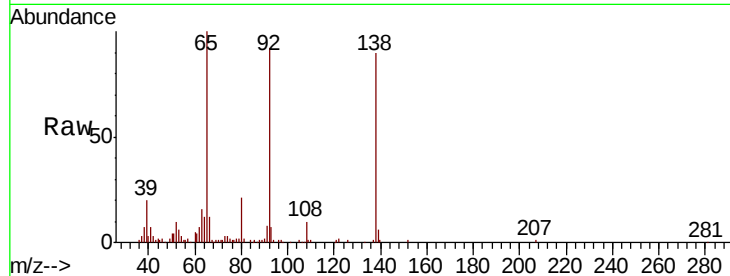
#53
3-Nitroaniline
Concen: 14.096 ng
RT: 13.98 min Scan# 1886
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	102.2	91.0	136.4

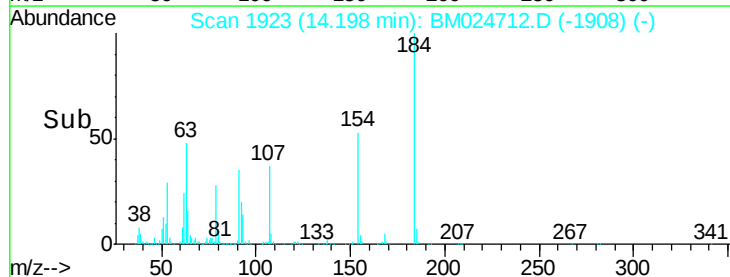
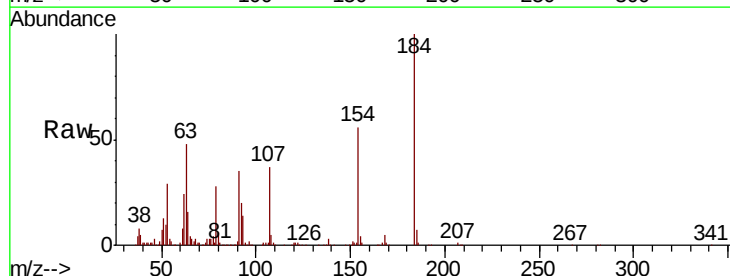
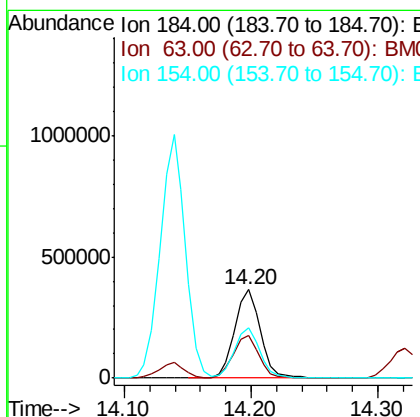
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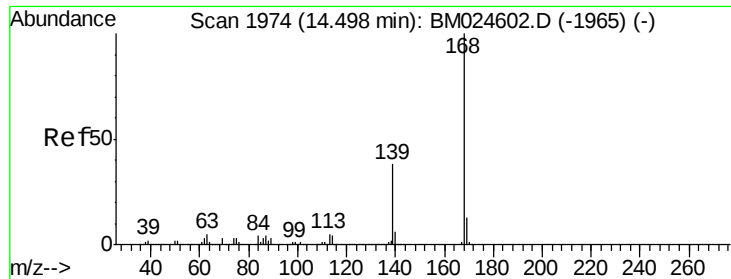
mohammad
2/10/2020 8:10:09 AM



#54
2,4-Dinitrophenol
Concen: 92.878 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.3	51.8	77.8#
154	56.5	50.2	75.4





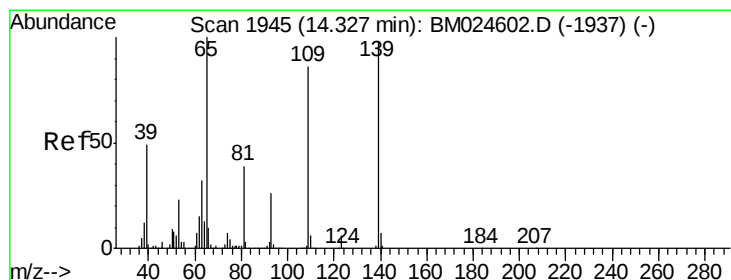
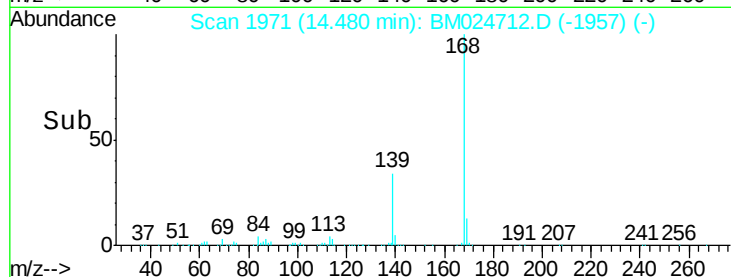
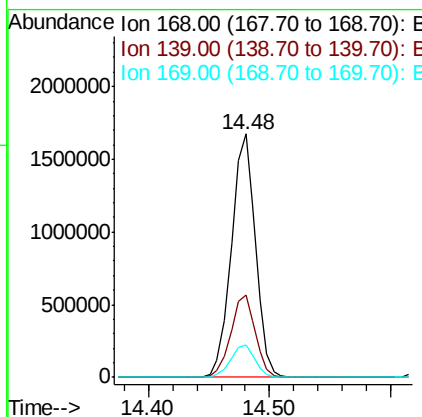
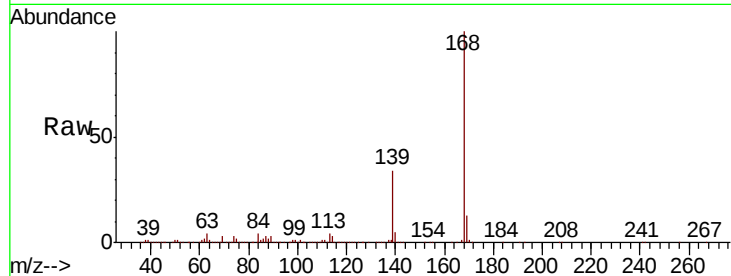
#55
Dibenzofuran
Concen: 46.974 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.9	30.2	45.4
169	13.1	10.7	16.1

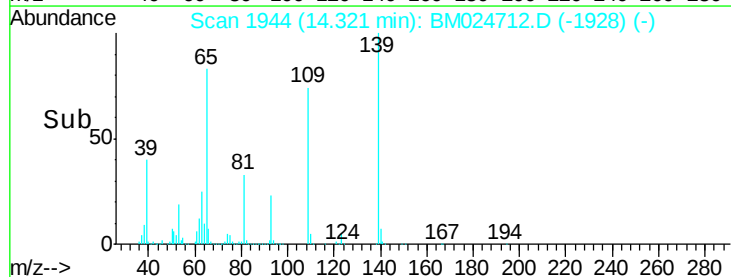
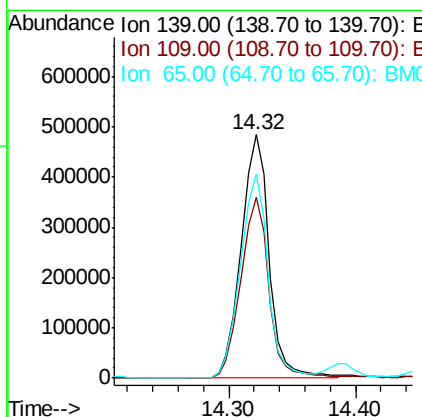
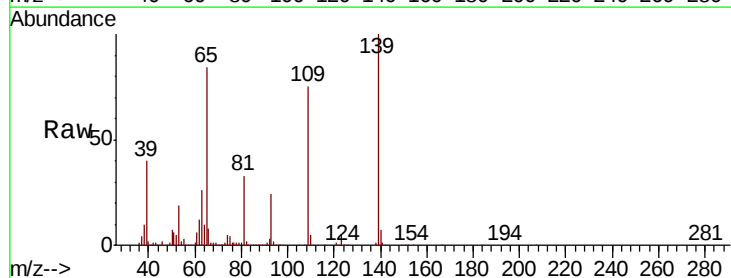
Manual Integrations
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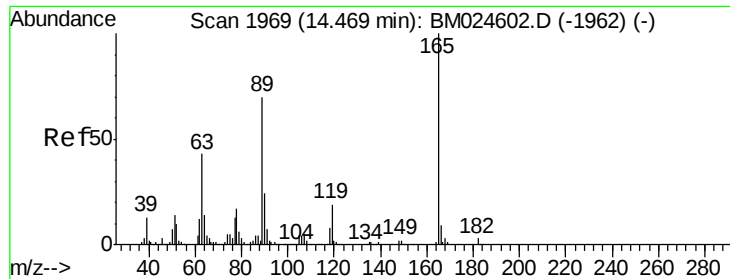
mohammad
2/10/2020 8:10:09 AM



#56
4-Nitrophenol
Concen: 99.837 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	67.4	107.4
65	83.6	82.1	122.1





#57

2,4-Dinitrotoluene

Concen: 45.808 ng

RT: 14.45 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

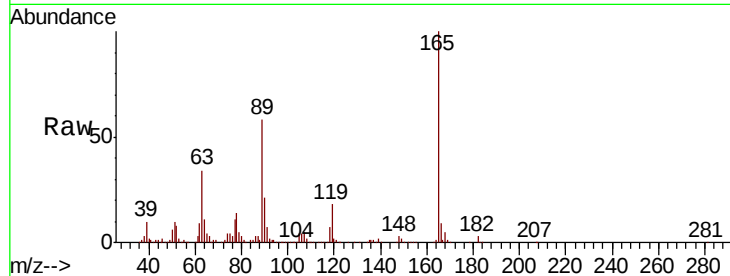
ClientSampleId :

SU-02-013120MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		602646		
63	33.9	34.5	51.7#		
89	58.2	55.8	83.8		
182	3.0	2.3	3.5		

Manual Integrations
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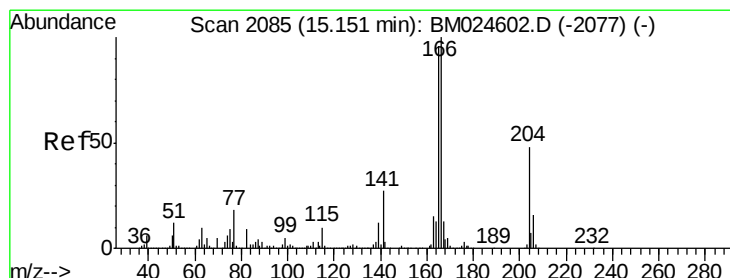
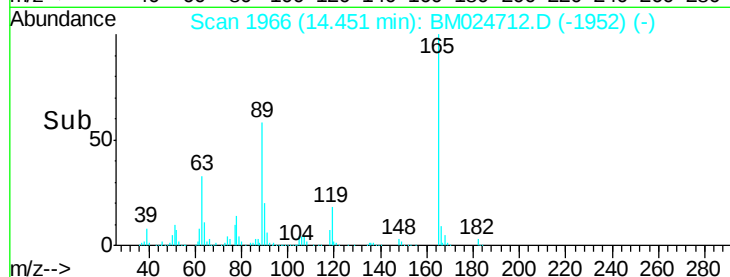
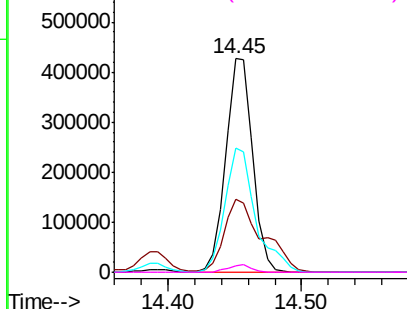


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.548 ng

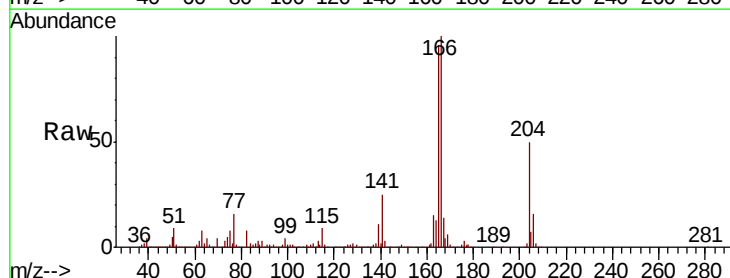
RT: 15.13 min Scan# 2082

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

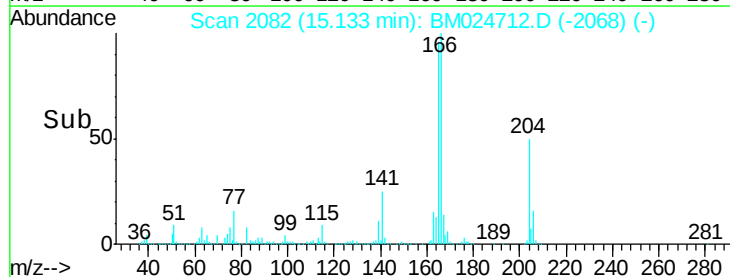
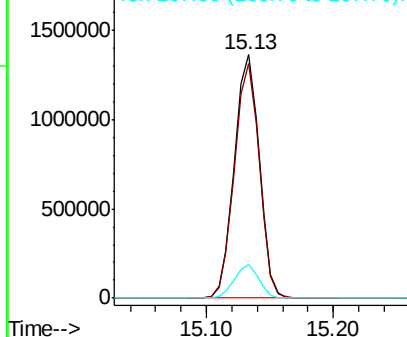
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1850133		
165	96.4	76.6	114.8		
167	13.7	10.8	16.2		

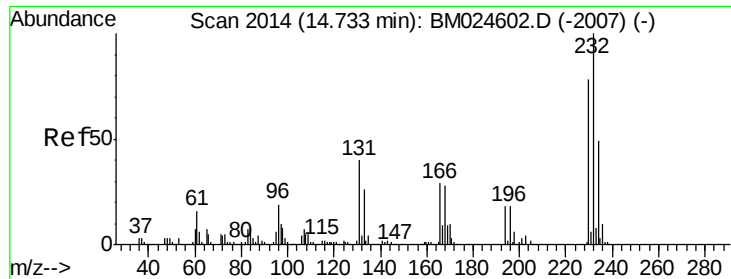


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





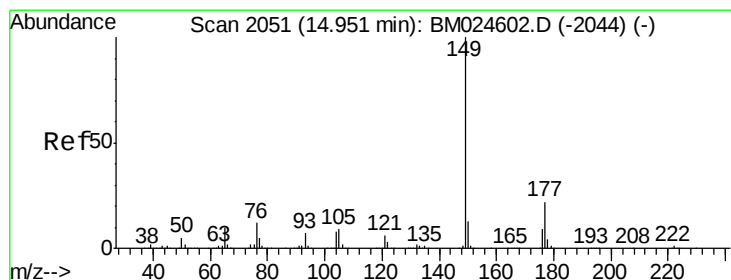
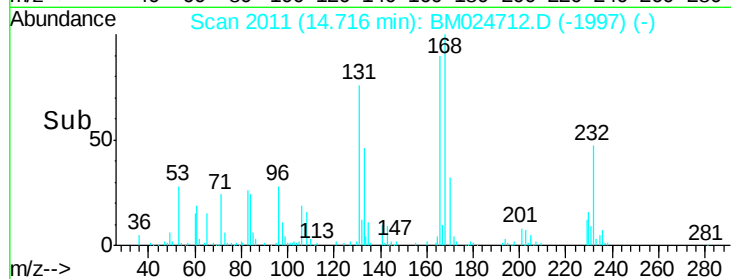
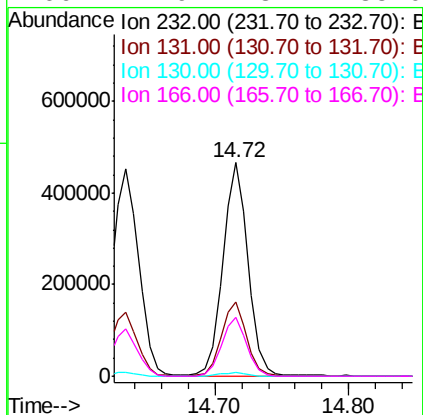
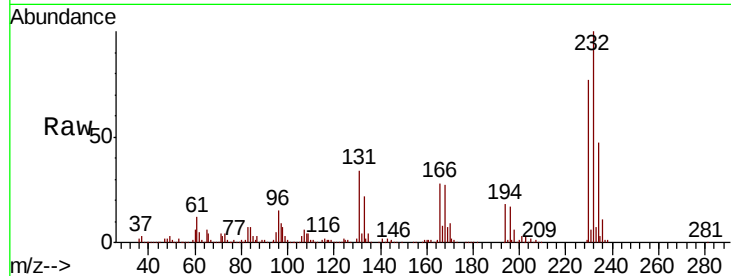
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.752 ng
RT: 14.72 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.2	32.2	48.4
130	1.9	1.9	2.9
166	27.9	23.4	35.0

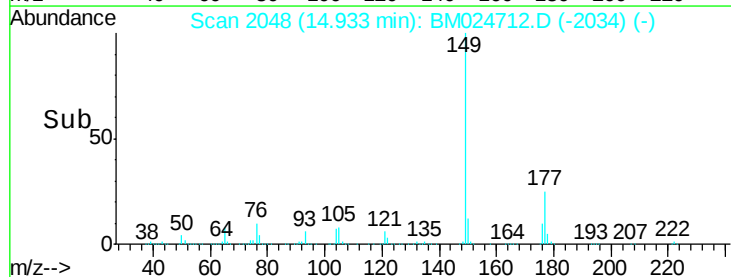
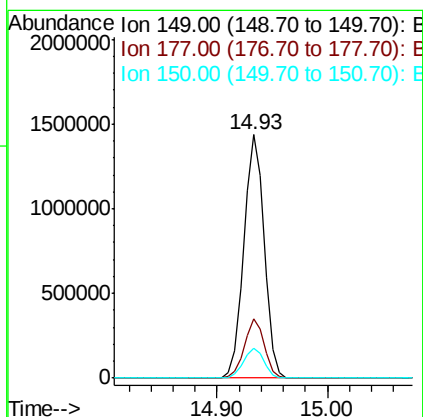
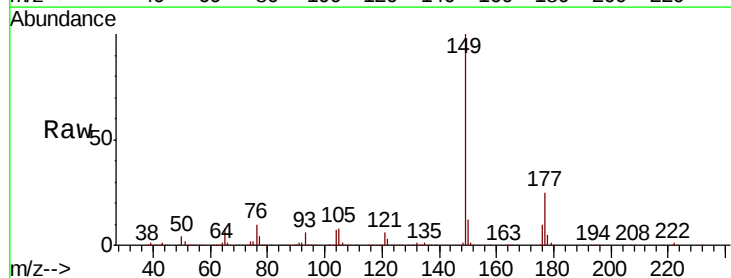
Manual Integrations
APPROVED

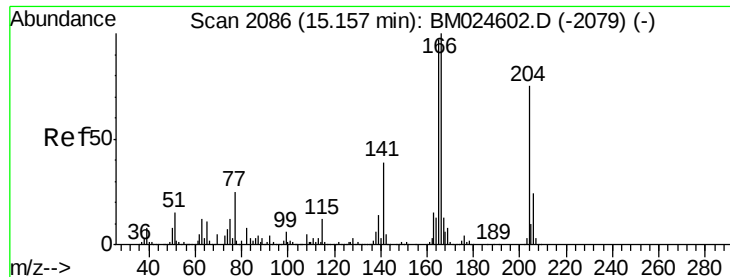
mohammad
2/10/2020 8:10:09 AM



#60
Diethylphthalate
Concen: 42.501 ng
RT: 14.93 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.0	27.0
150	12.5	10.2	15.4





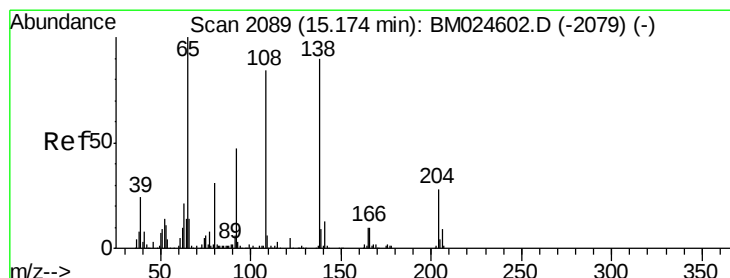
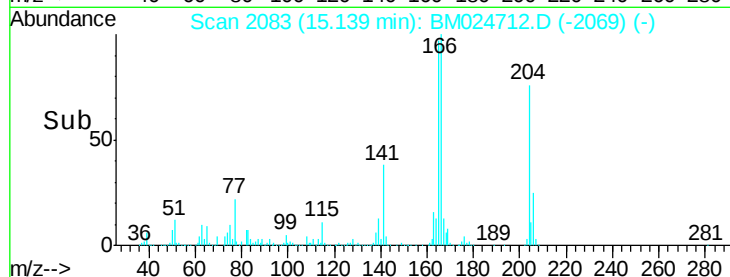
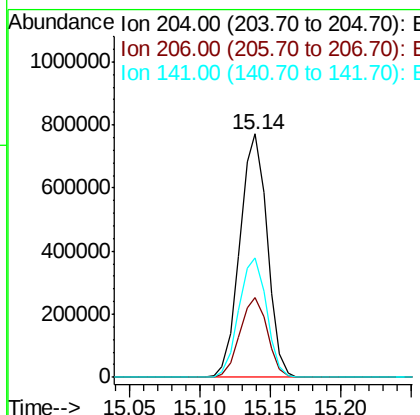
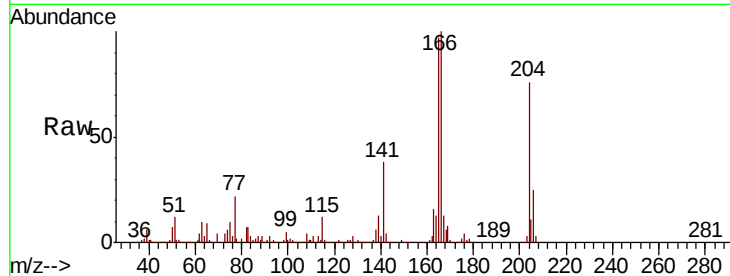
#61
 4-Chlorophenyl-phenylether
 Concen: 43.600 ng
 RT: 15.14 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	49.3	42.2	63.2

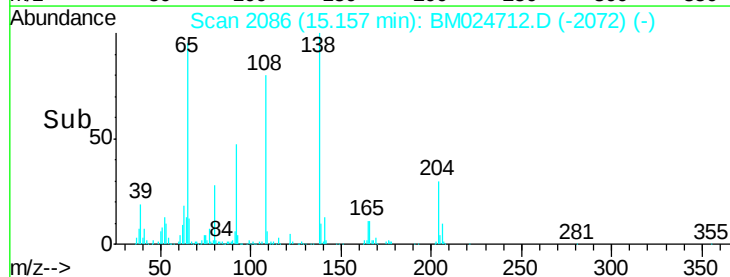
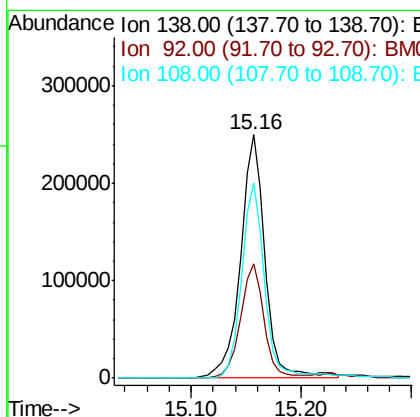
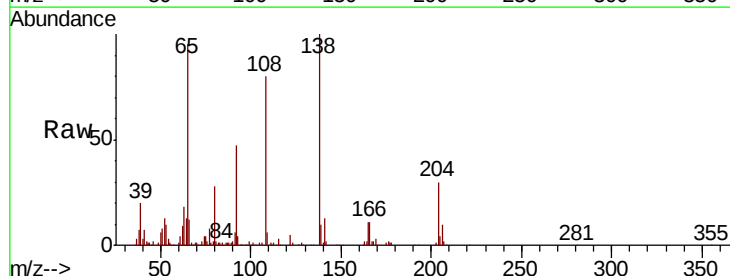
Manual Integrations
 APPROVED

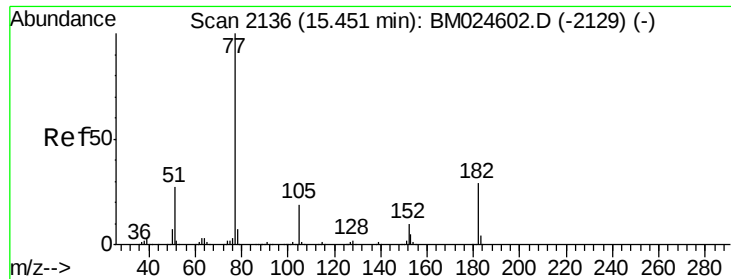
mohammad
 2/10/2020 8:10:09 AM



#62
 4-Nitroaniline
 Concen: 37.056 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	32.4	72.4
108	79.9	73.3	113.3





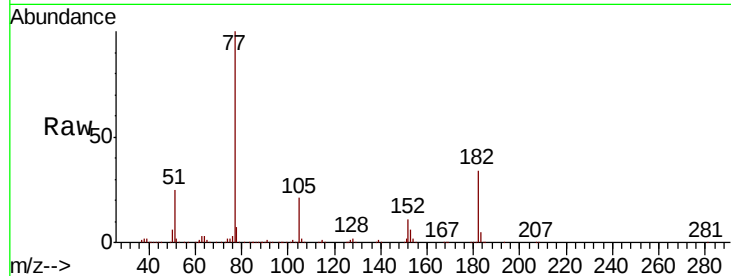
#63
Azobenzene
Concen: 38.825 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.4	8.7	48.7	
105	21.5	0.0	39.2	
51	24.5	7.5	47.5	

Manual Integrations
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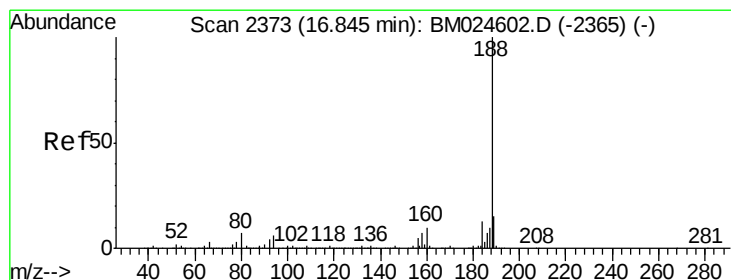
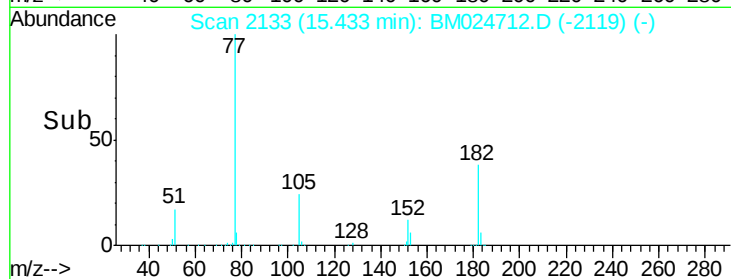
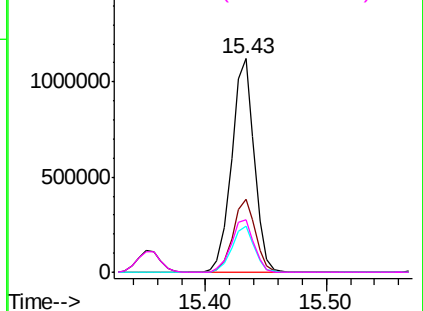


Abundance Ion 77.00 (76.70 to 77.70): BM024712.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024712.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM024712.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024712.D (-2119) (-)



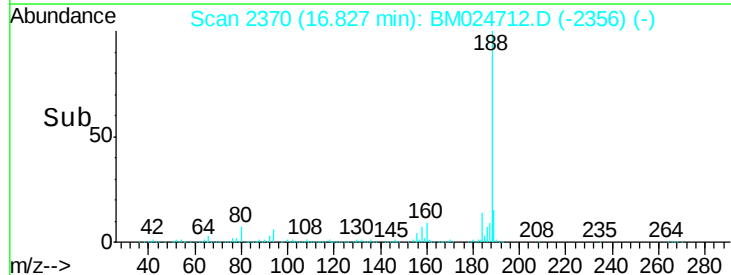
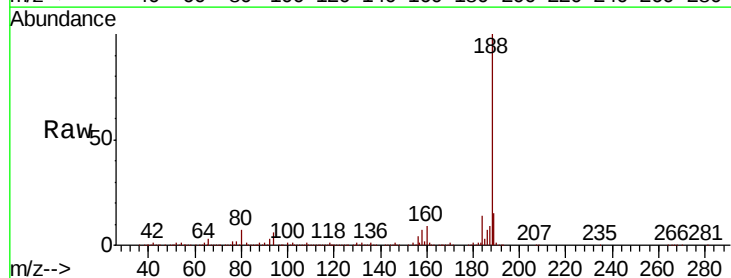
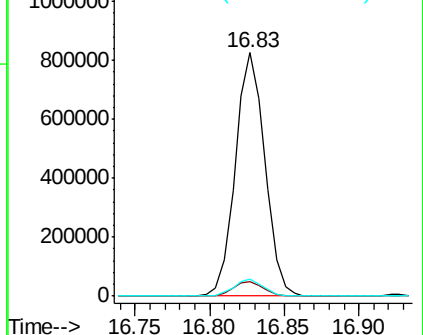
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

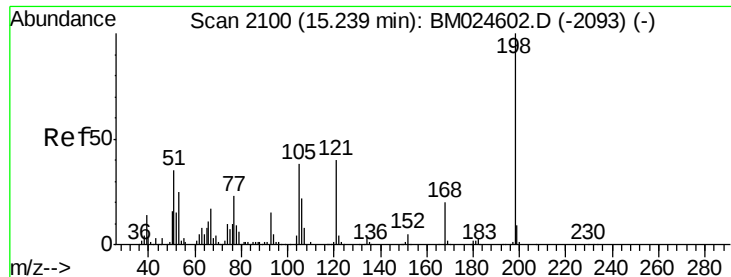
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.0	5.0	7.6	
80	6.8	5.8	8.8	

Abundance Ion 188.00 (187.70 to 188.70): BM024712.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024712.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024712.D (-2356) (-)





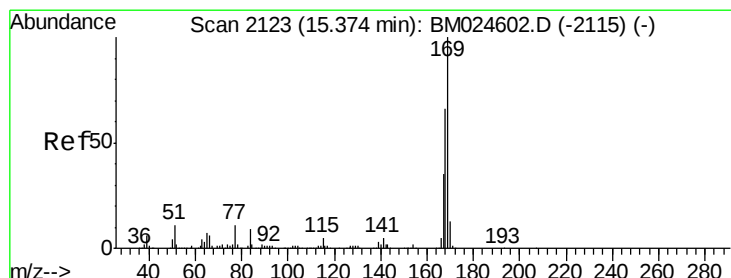
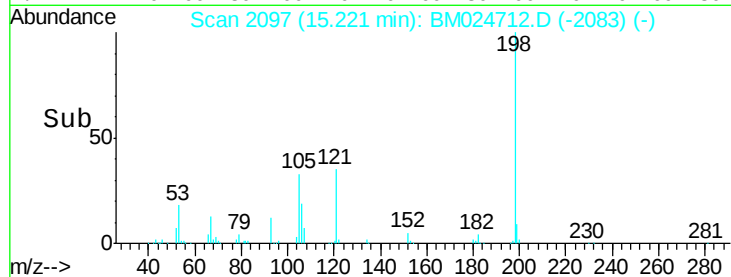
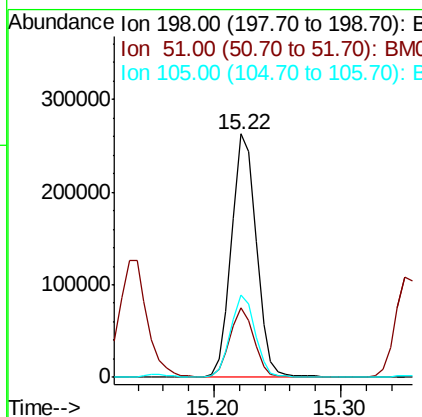
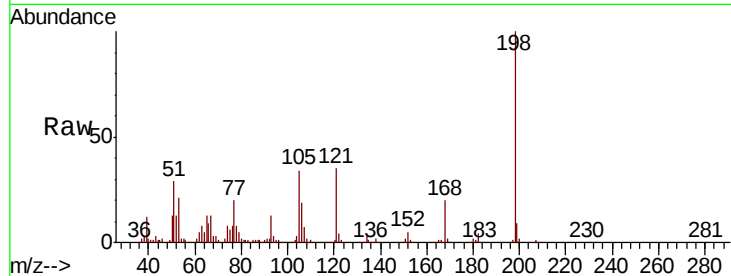
#65
4,6-Dinitro-2-methylphenol
Concen: 53.461 ng
RT: 15.22 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	357435		
51	28.6	15.8	55.8	
105	33.7	18.5	58.5	

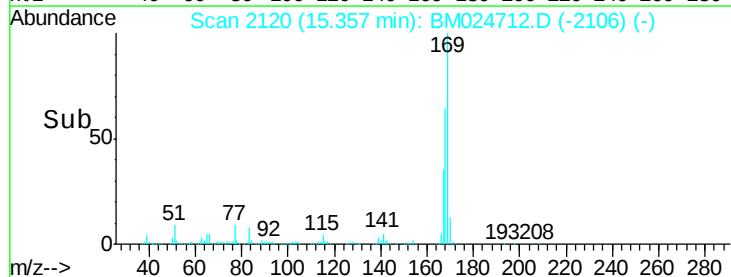
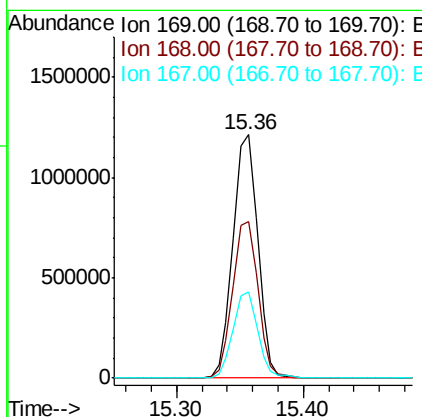
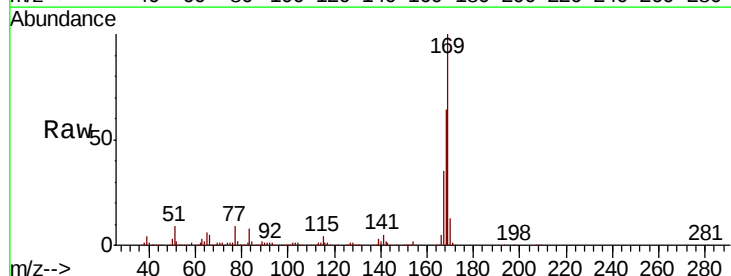
Manual Integrations
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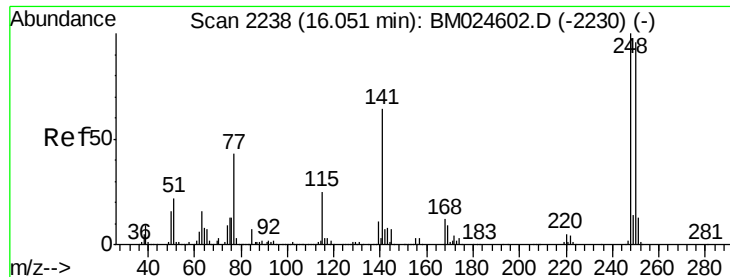
mohammad
2/10/2020 8:10:09 AM



#66
n-Nitrosodiphenylamine
Concen: 50.354 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1644733		
168	64.2	52.8	79.2	
167	35.3	28.2	42.2	





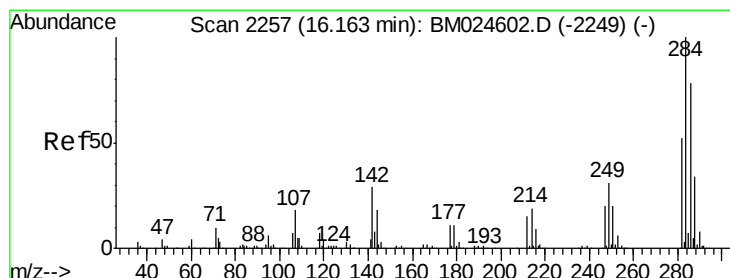
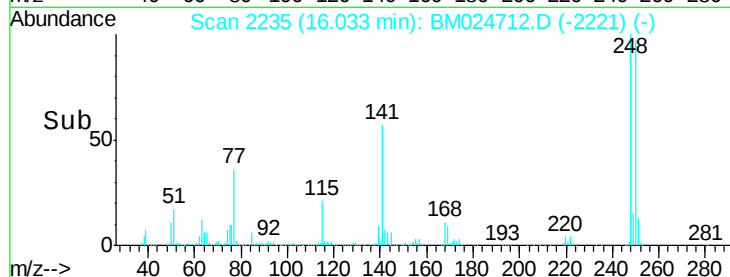
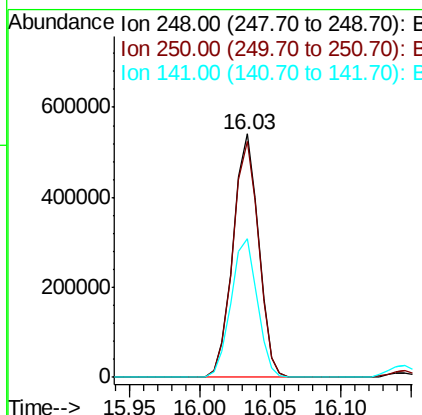
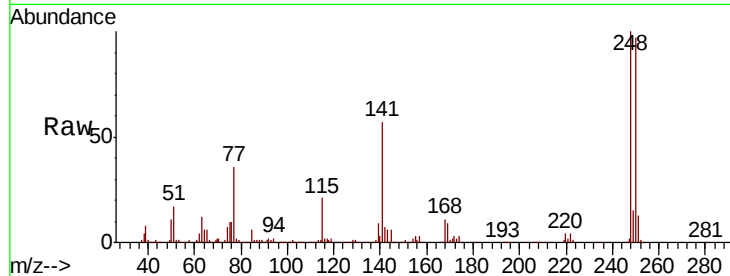
#67
4-Bromophenyl-phenylether
Concen: 48.521 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	56.8	50.9	76.3

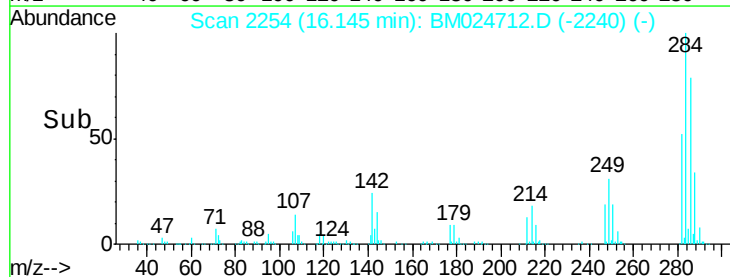
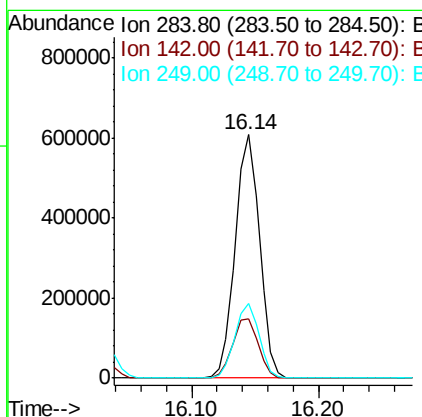
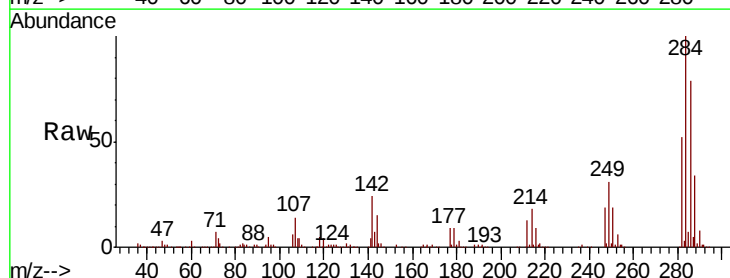
Manual Integrations
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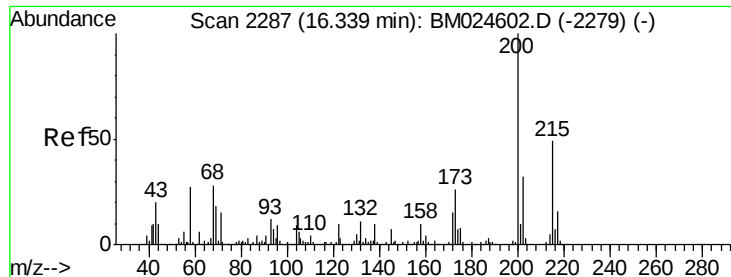
mohammad
2/10/2020 8:10:09 AM



#68
Hexachlorobenzene
Concen: 49.621 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	23.5	35.3
249	30.6	24.6	36.8





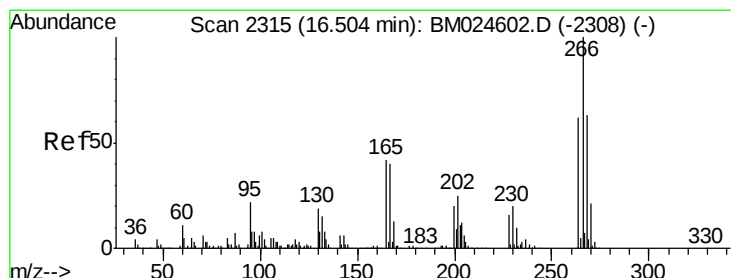
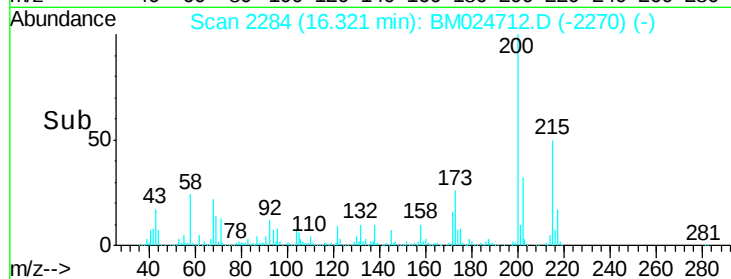
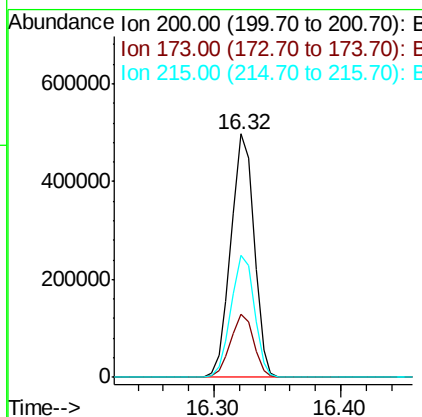
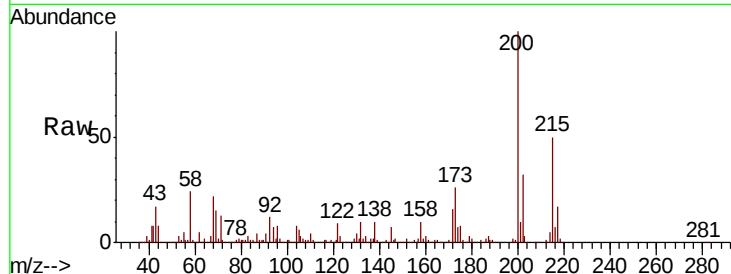
#69
Atrazine
Concen: 50.196 ng
RT: 16.32 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.5	45.5
215	50.1	29.4	69.4

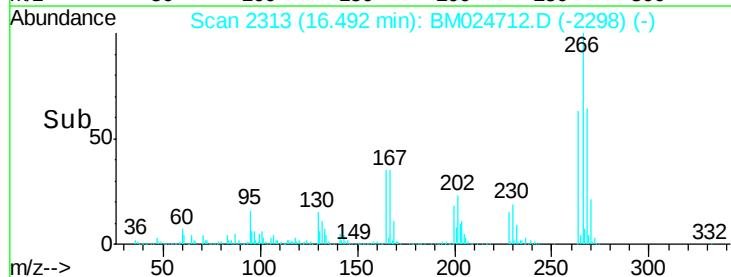
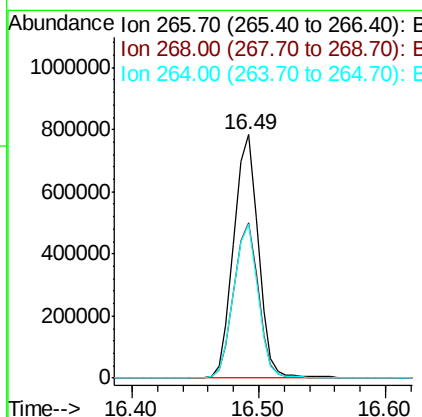
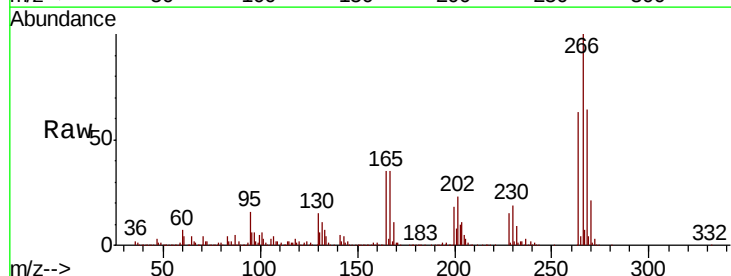
Manual Integrations
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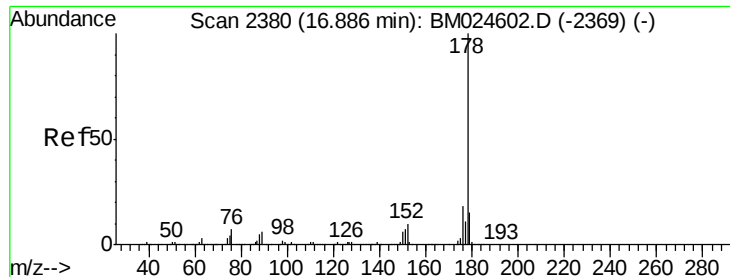
mohammad
2/10/2020 8:10:09 AM



#70
Pentachlorophenol
Concen: 106.805 ng
RT: 16.49 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.4	75.6
264	63.3	49.9	74.9





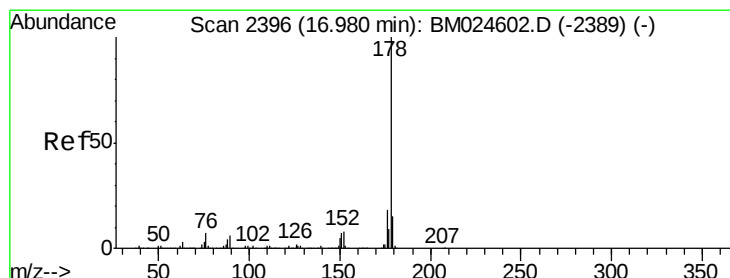
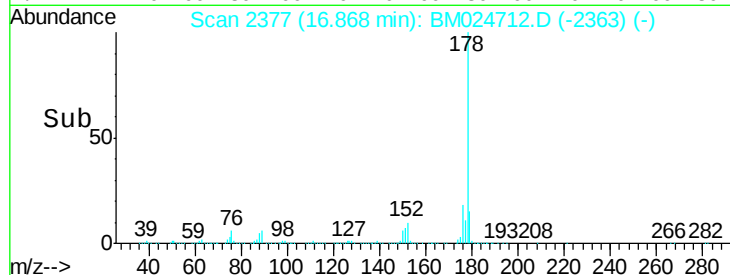
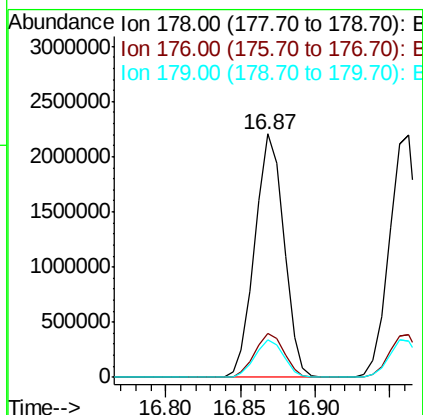
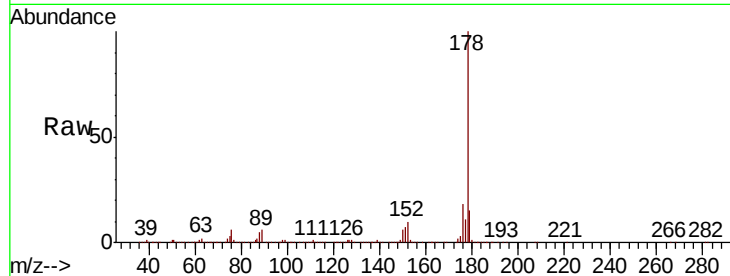
#71
Phenanthrene
Concen: 48.211 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	11.9	17.9

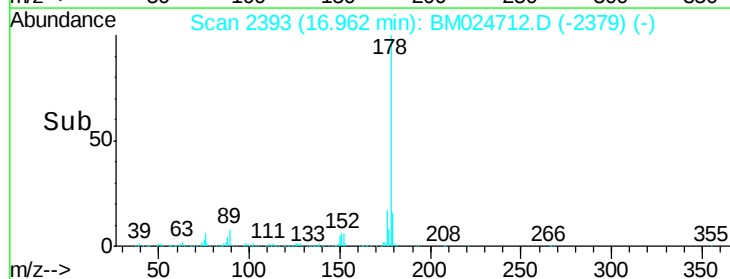
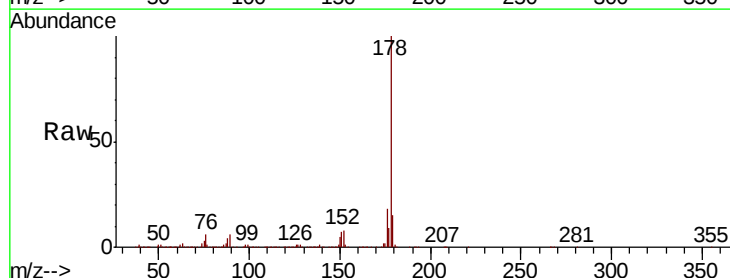
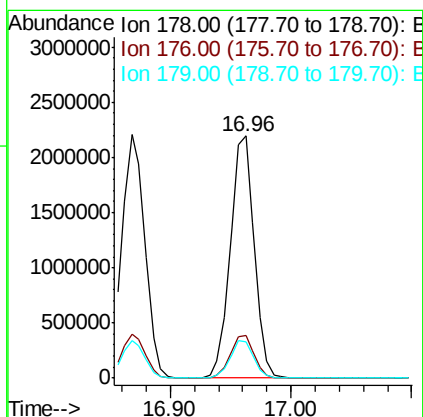
Manual Integrations
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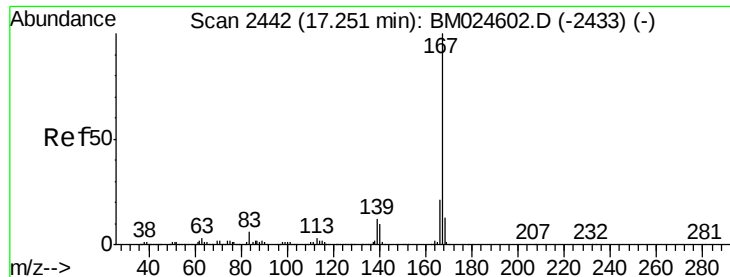
mohammad
2/10/2020 8:10:09 AM



#72
Anthracene
Concen: 50.104 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.2	12.1	18.1





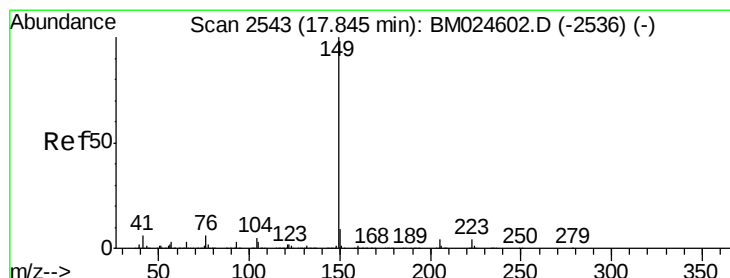
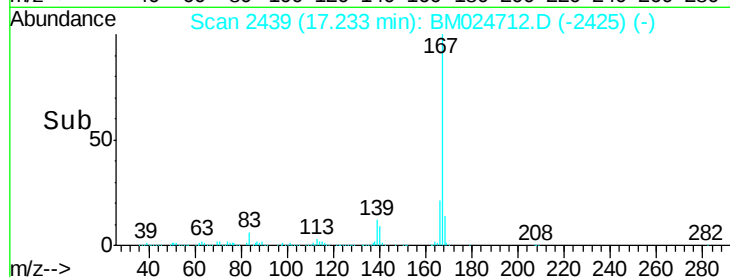
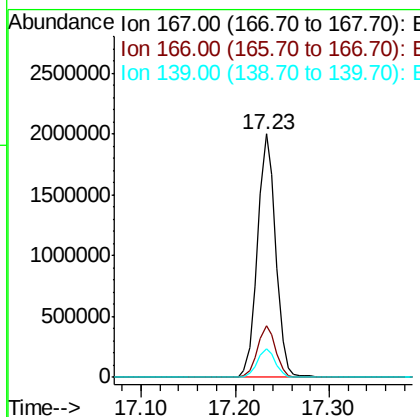
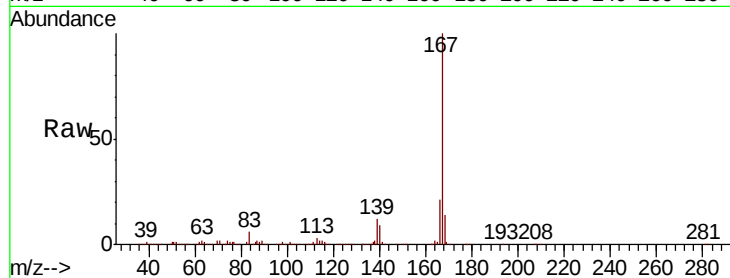
#73
 Carbazole
 Concen: 48.913 ng
 RT: 17.23 min Scan# 2439
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	11.6	9.8	14.8

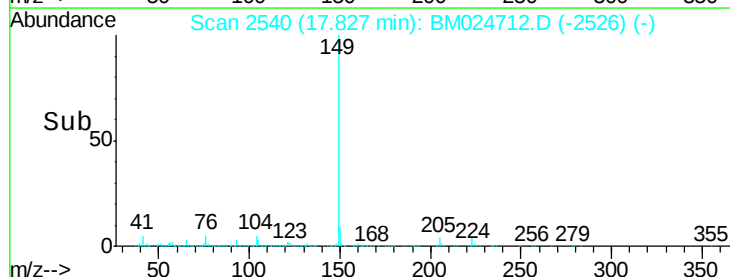
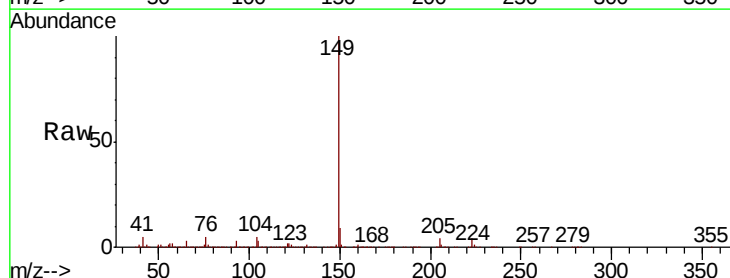
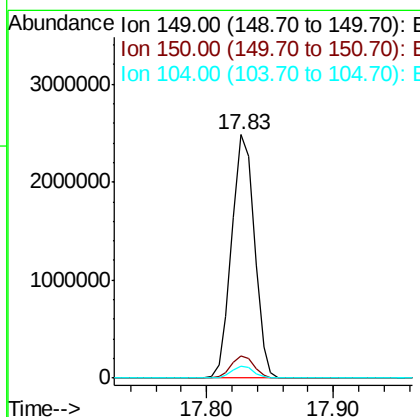
Manual Integrations
 APPROVED

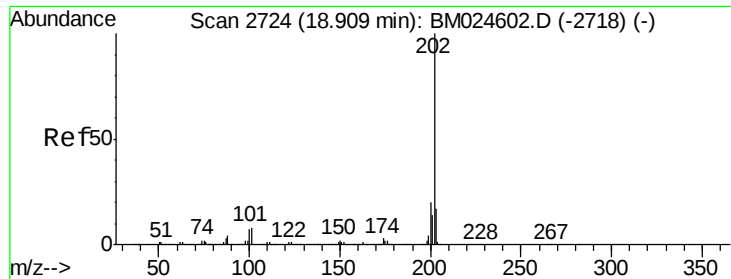
mohammad
 2/10/2020 8:10:09 AM



#74
 Di-n-butylphthalate
 Concen: 43.849 ng
 RT: 17.83 min Scan# 2540
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.7	4.3	6.5





#75

Fluoranthene

Concen: 47.926 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

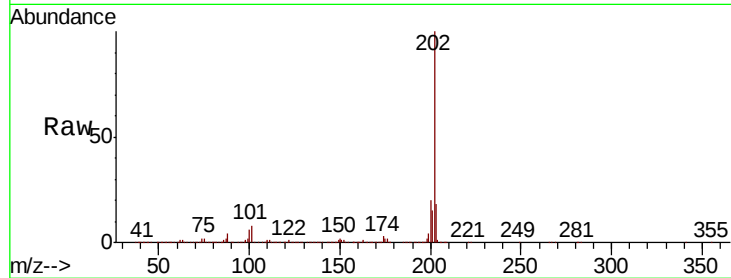
ClientSampleId :

SU-02-013120MS

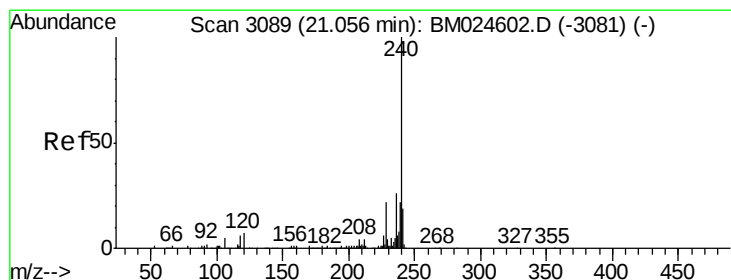
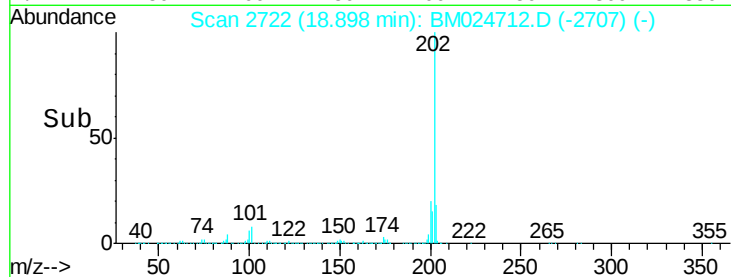
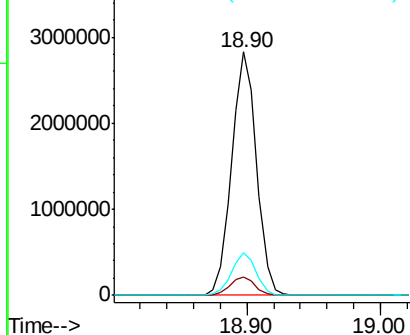
Tot Ion:	202	Resp:	3683239
Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.4
203	17.7	0.0	37.5

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3087

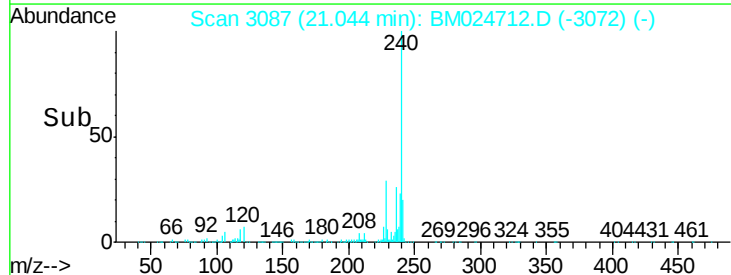
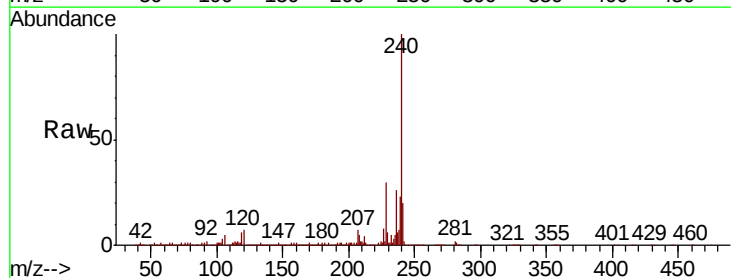
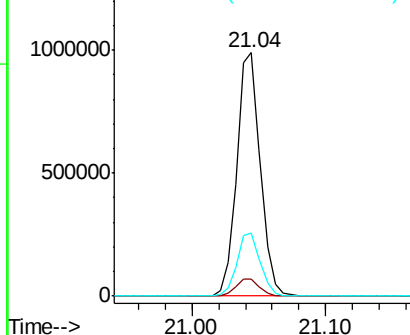
Delta R.T. -0.01 min

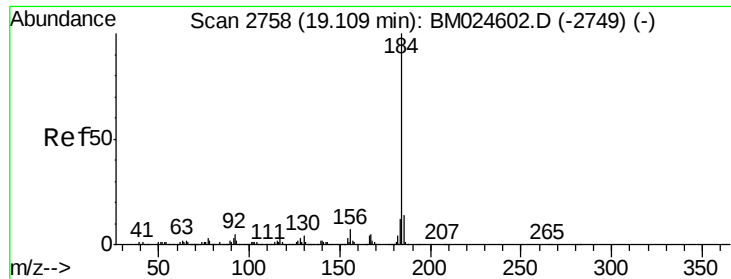
Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Tgt Ion:	240	Resp:	1211495
Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	25.9	20.6	31.0

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





#77

Benzidine

Concen: 52.991 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

SU-02-013120MS

Tot Ion:184 Resp: 1495081

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

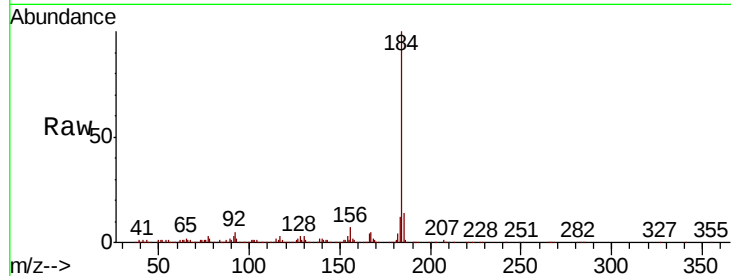
183 11.6 9.6 14.4

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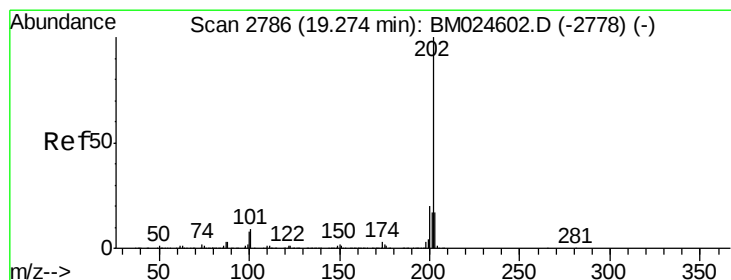
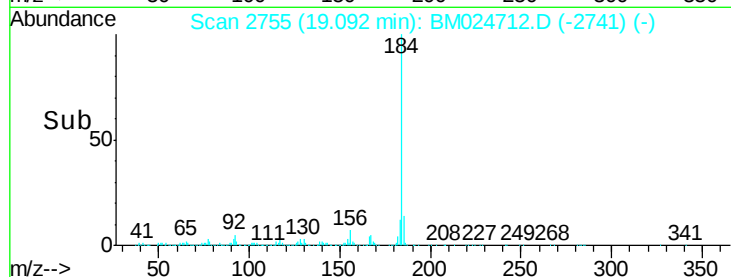
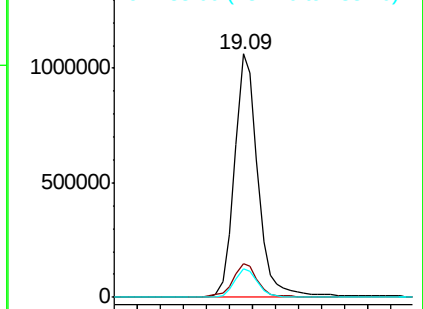
2/10/2020 8:10:09 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.978 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

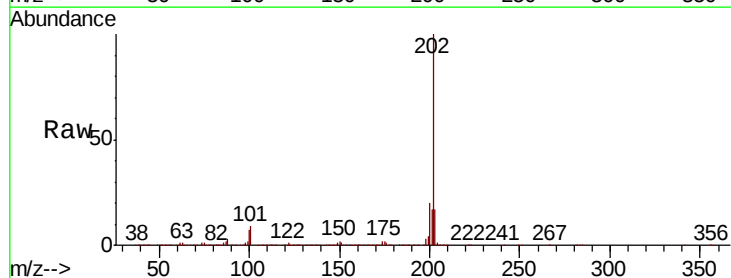
Tgt Ion:202 Resp: 3751929

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

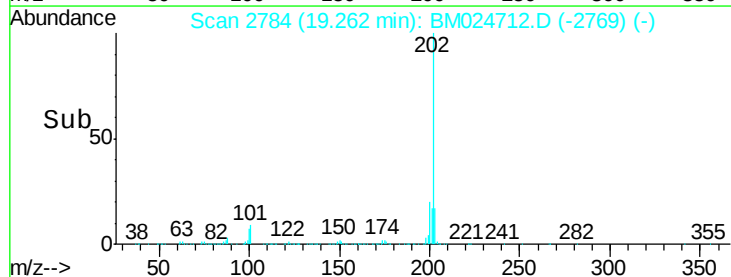
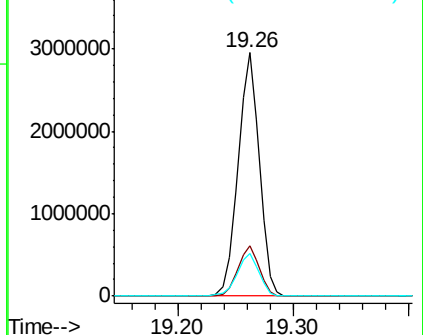
203 17.4 14.0 21.0

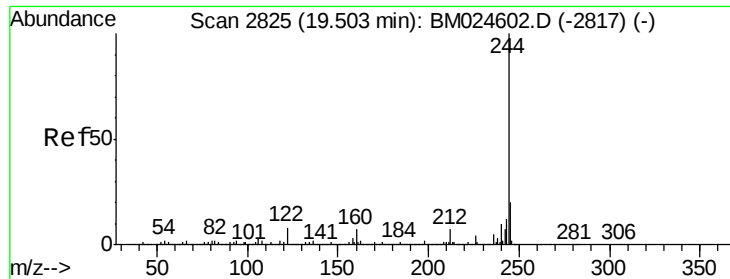


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





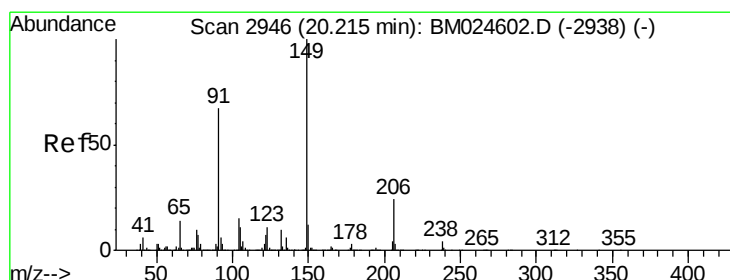
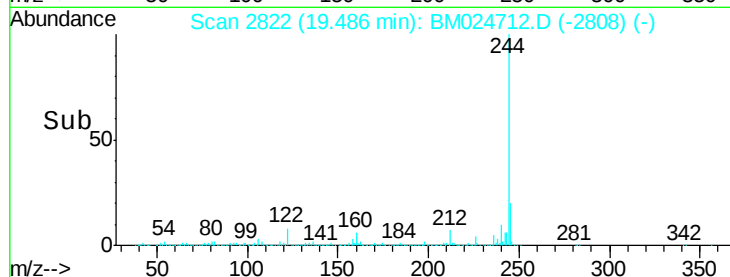
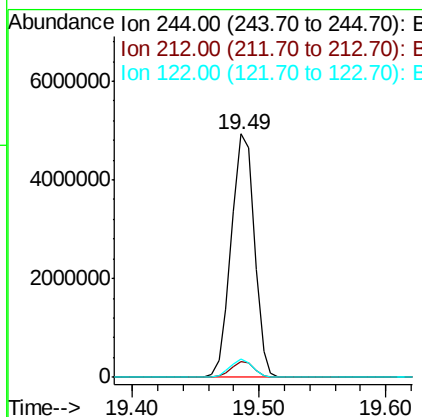
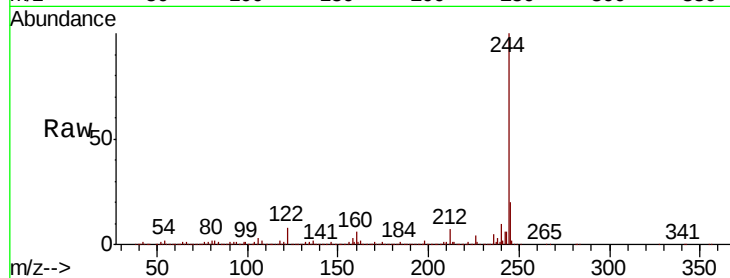
#79
 Terphenyl-d14
 Concen: 95.573 ng
 RT: 19.49 min Scan# 2822
 Delta R.T. -0.02 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-013120MS

Tot Ion:244 Resp: 6202062
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 7.6 6.2 9.4

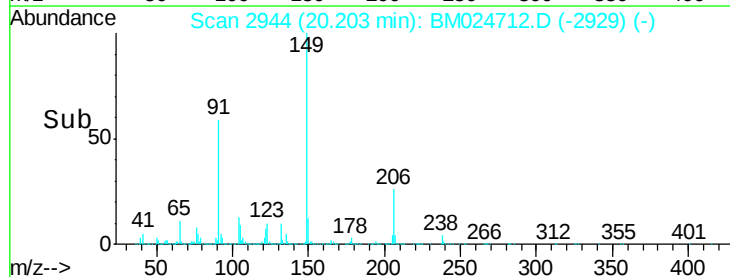
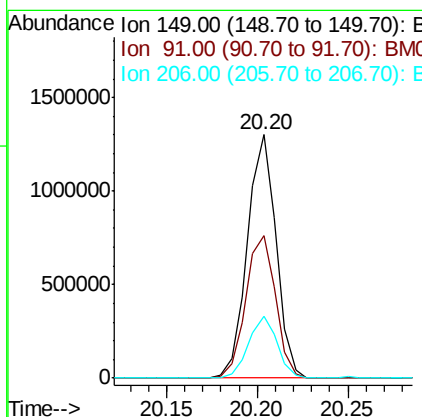
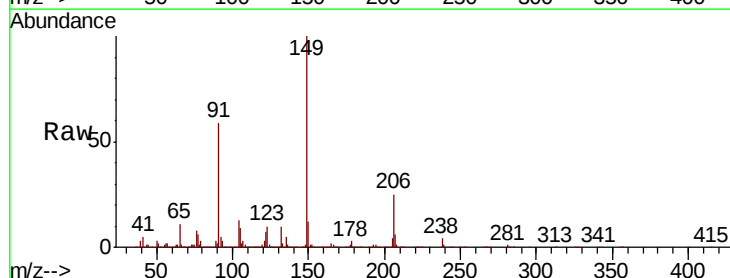
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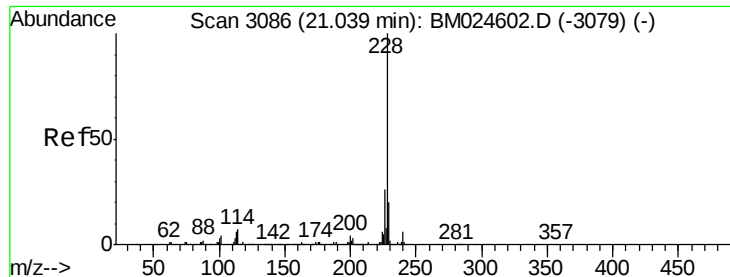
mohammad
 2/10/2020 8:10:09 AM



#80
 Butylbenzylphthalate
 Concen: 42.662 ng
 RT: 20.20 min Scan# 2944
 Delta R.T. -0.01 min
 Lab File: BM024712.D
 Acq: 04 Feb 2020 18:31

Tgt Ion:149 Resp: 1429734
 Ion Ratio Lower Upper
 149 100
 91 58.5 53.9 80.9
 206 25.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 48.182 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

SU-02-013120MS

Tot Ion:228 Resp: 4051388

Ion Ratio Lower Upper

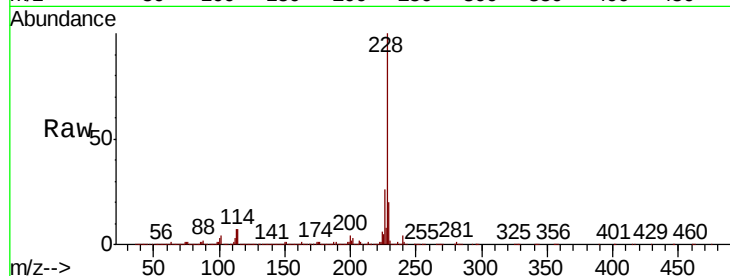
228 100

226 26.4 21.1 31.7

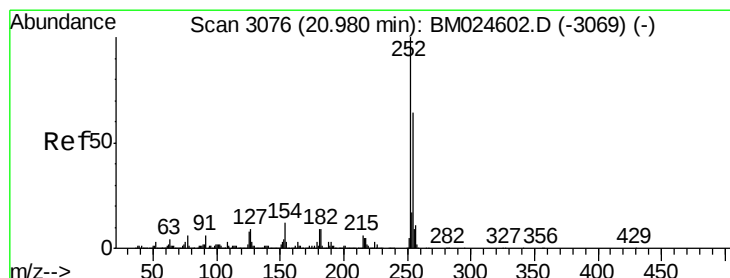
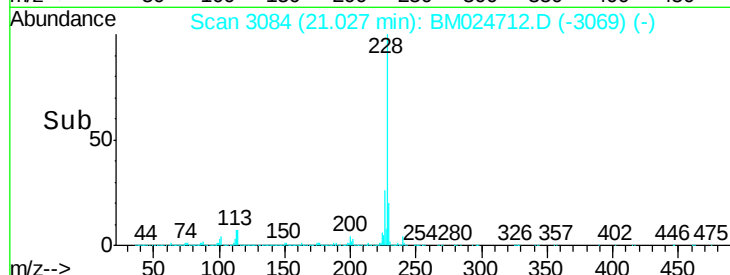
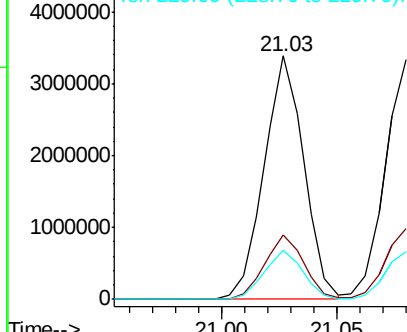
229 19.9 15.8 23.6

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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



#82

3,3'-Dichlorobenzidine

Concen: 27.335 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

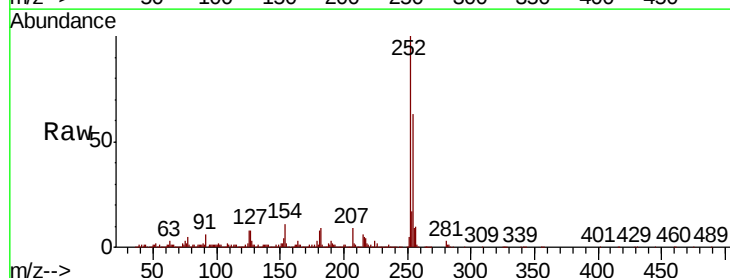
Tgt Ion:252 Resp: 826811

Ion Ratio Lower Upper

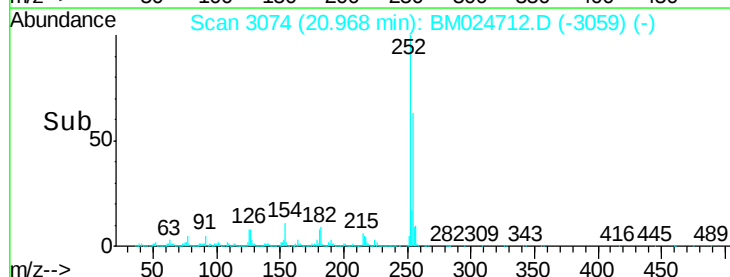
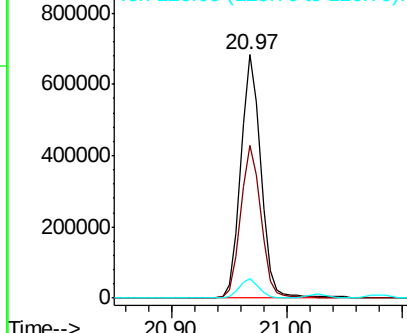
252 100

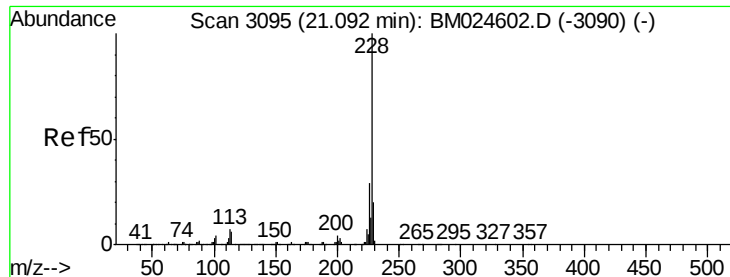
254 62.9 51.5 77.3

126 7.9 6.7 10.1



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





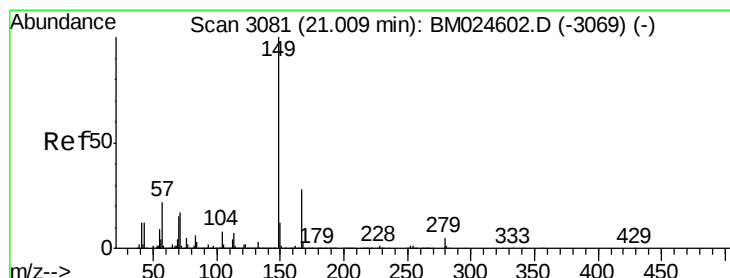
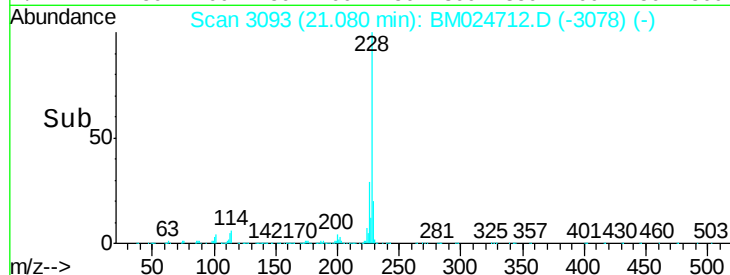
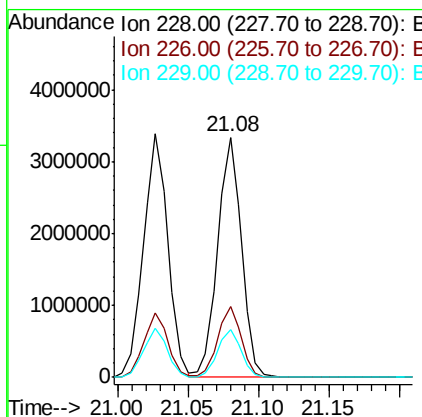
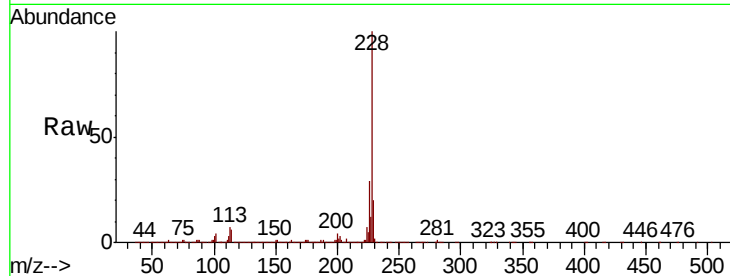
#83
Chrysene
Concen: 48.683 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	19.7	15.7	23.5

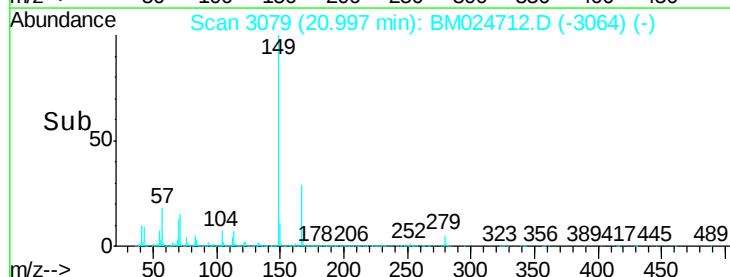
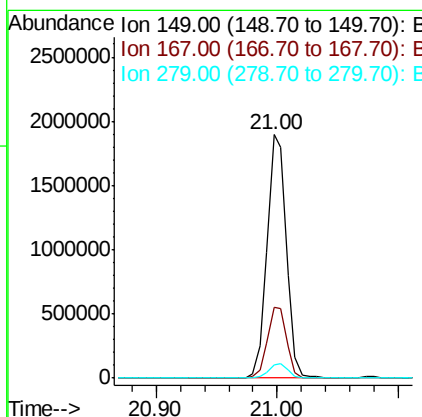
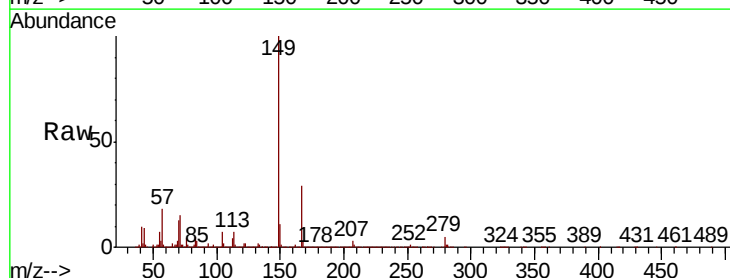
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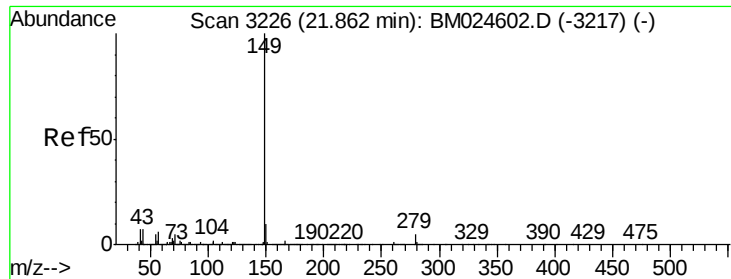
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.640 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.5	33.7
279	5.4	4.0	6.0





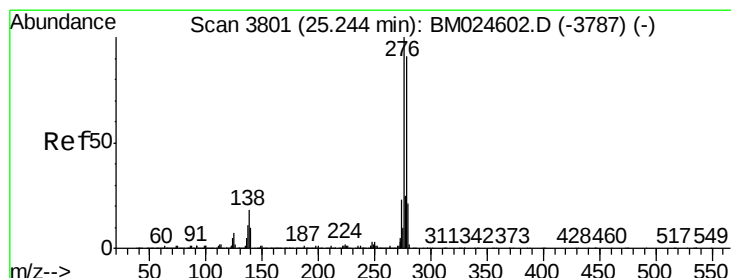
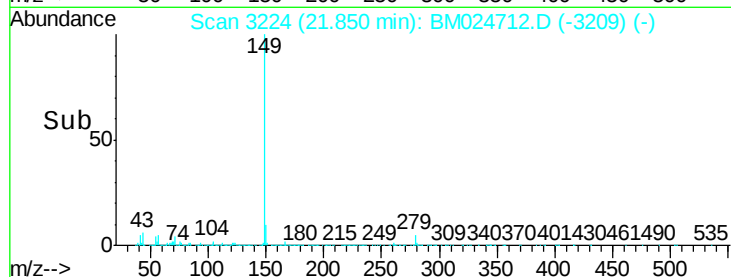
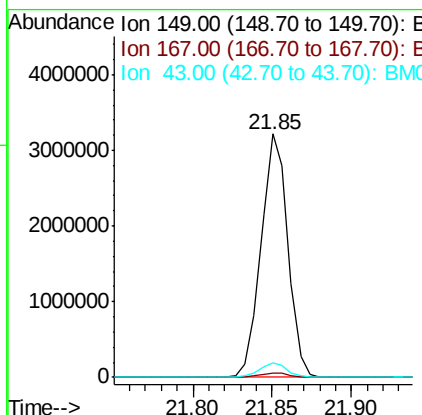
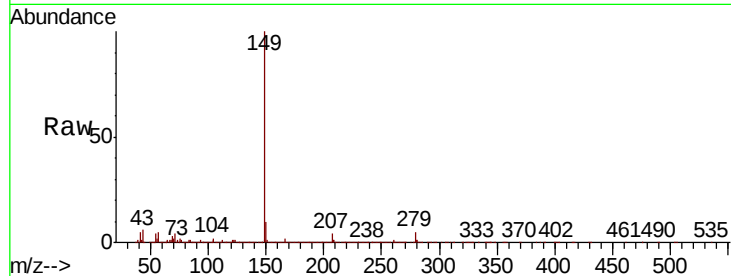
#85
Di-n-octyl phthalate
Concen: 46.373 ng
RT: 21.85 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion:	149	Resp:	3788427
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.8	5.8	8.6

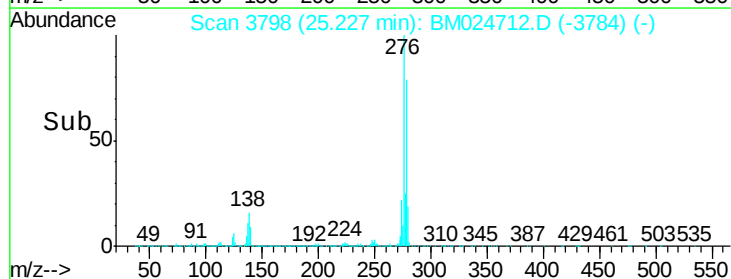
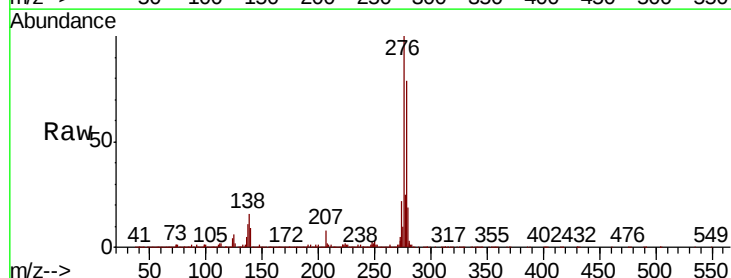
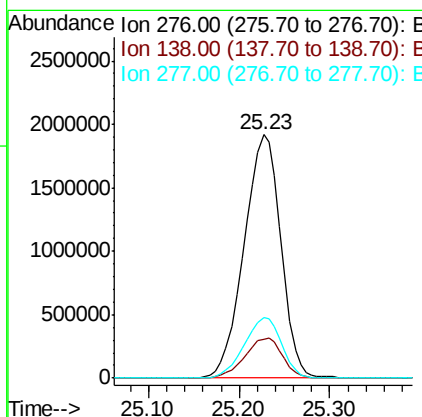
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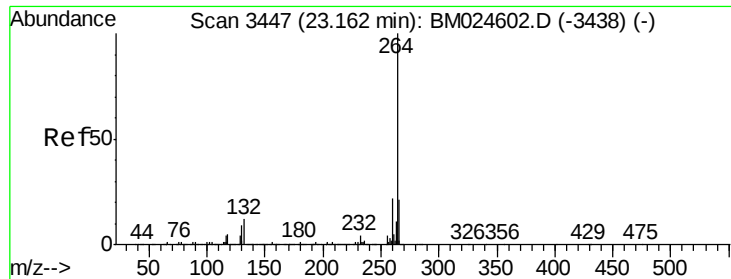
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 61.749 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:	276	Resp:	5399988
Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.4	20.0
277	25.3	19.6	29.4





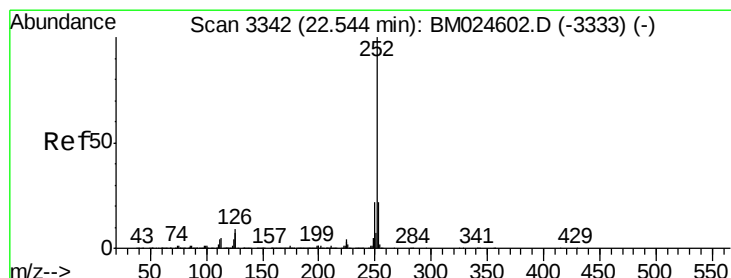
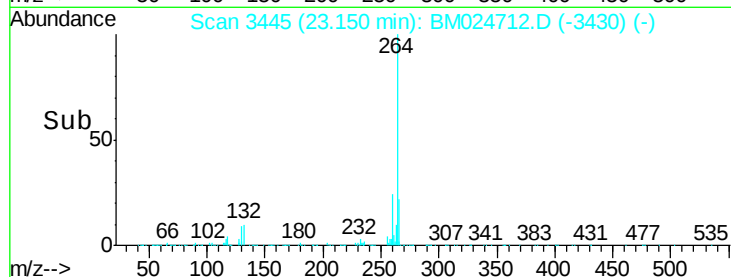
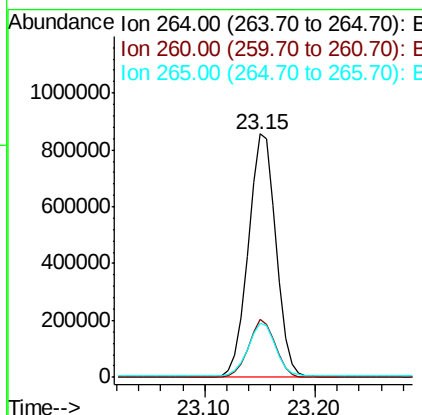
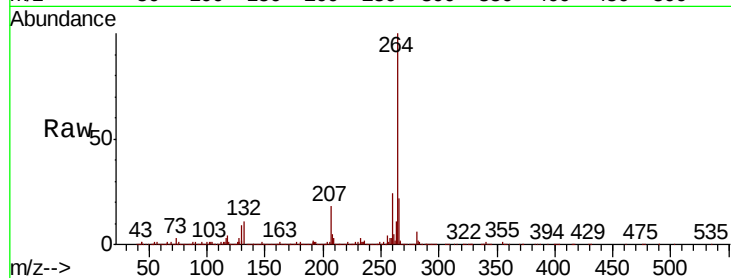
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.2	17.3	25.9

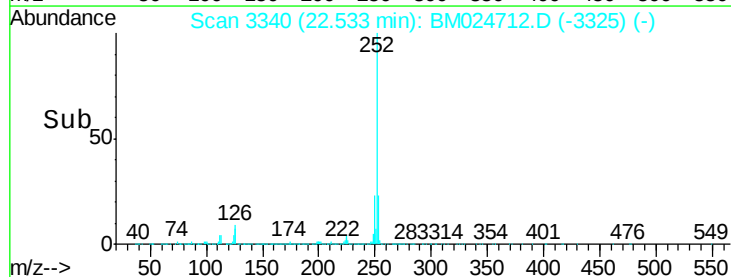
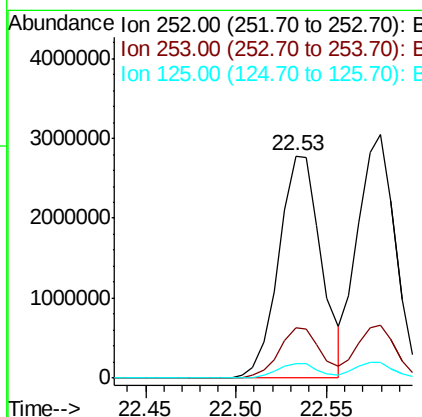
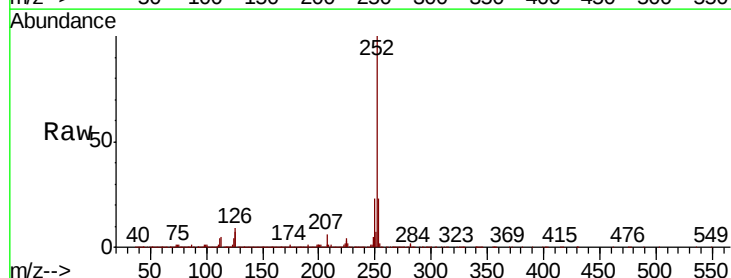
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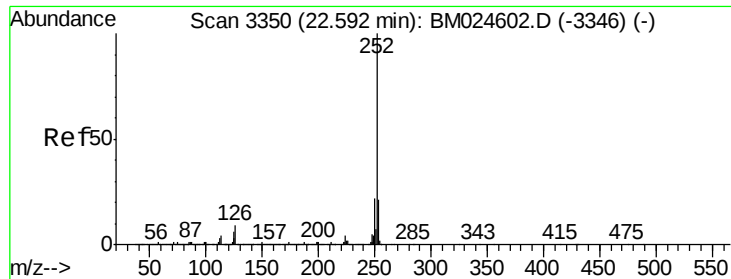
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.504 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	6.7	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 45.953 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

Instrument :

BNA_M

ClientSampleId :

SU-02-013120MS

Tot Ion:252 Resp: 4395215

Ion Ratio Lower Upper

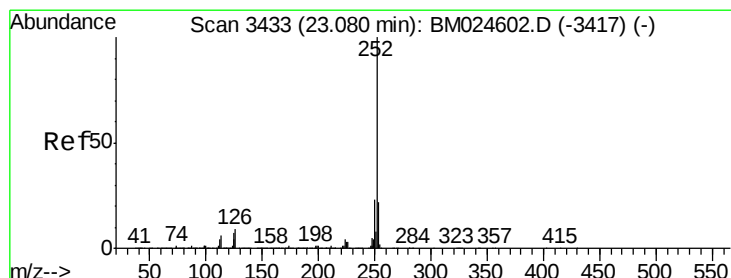
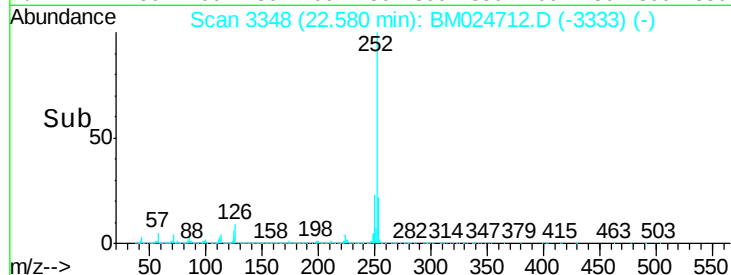
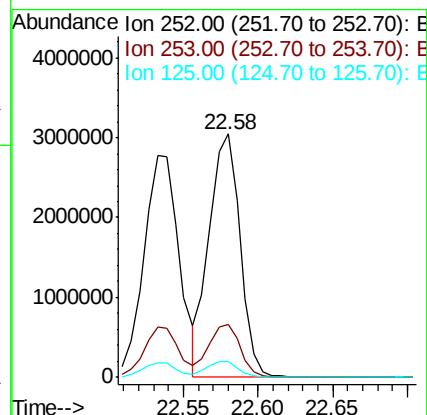
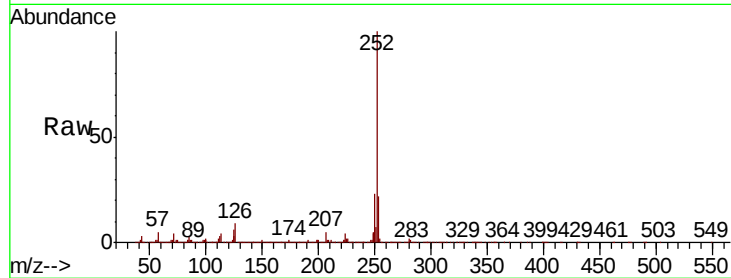
252 100

253 22.0 17.3 25.9

125 6.4 5.2 7.8

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 46.961 ng

RT: 23.06 min Scan# 3430

Delta R.T. -0.02 min

Lab File: BM024712.D

Acq: 04 Feb 2020 18:31

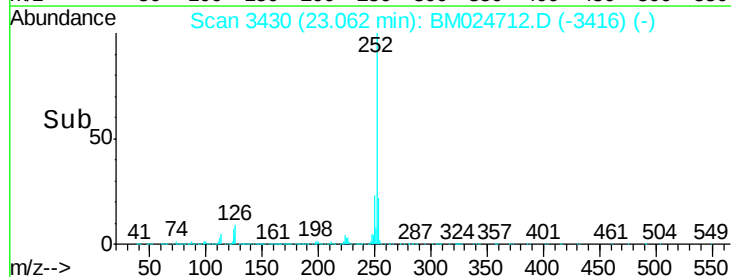
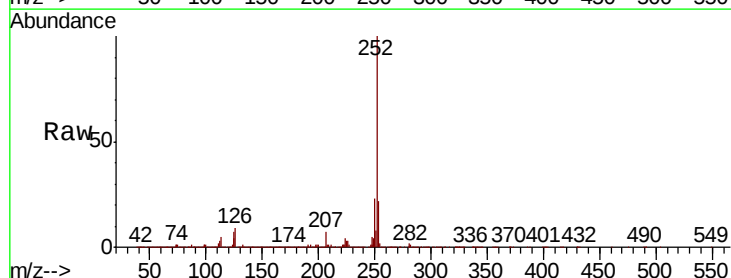
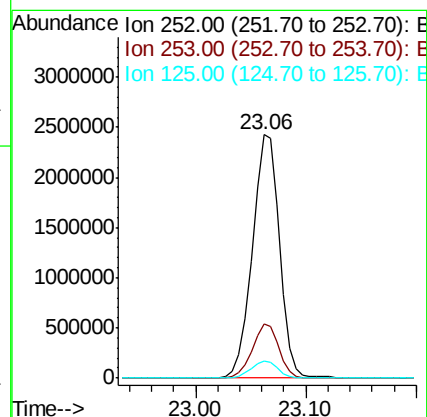
Tgt Ion:252 Resp: 4183721

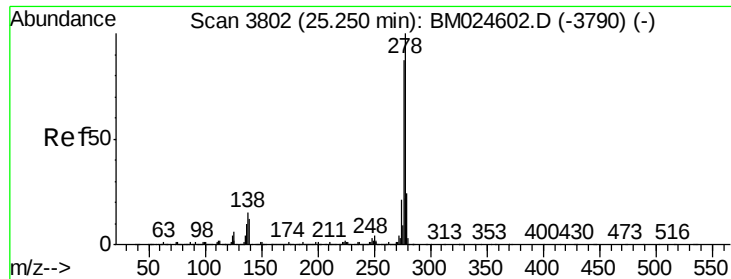
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 6.9 5.8 8.8





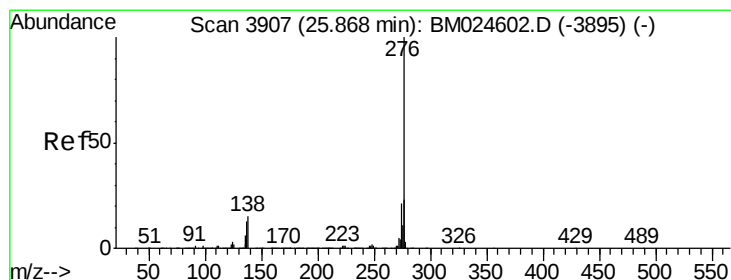
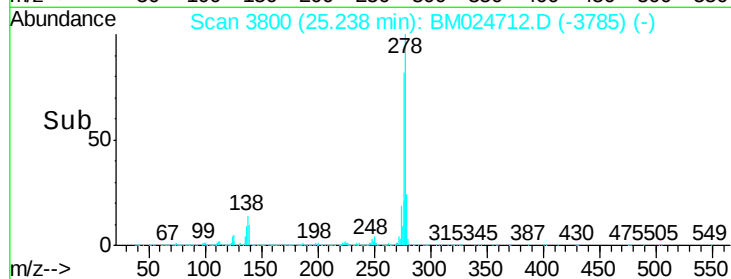
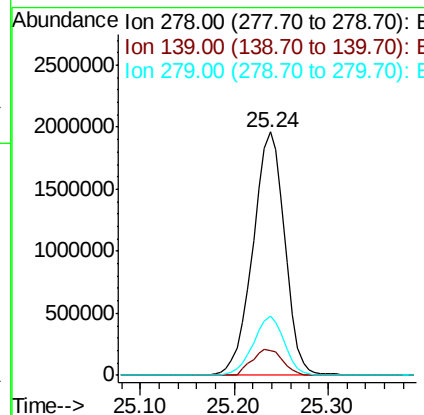
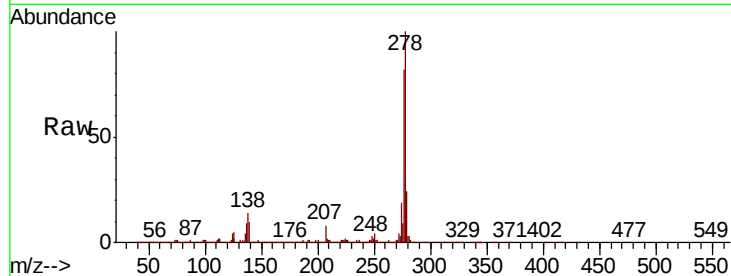
#91
Dibenzo(a,h)anthracene
Concen: 54.360 ng
RT: 25.24 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Instrument :
BNA_M
ClientSampleId :
SU-02-013120MS

Tot Ion:278 Resp: 4596519
Ion Ratio Lower Upper
278 100
139 10.2 9.3 13.9
279 24.2 18.9 28.3

Manual Integrations
APPROVED

mohammad
2/10/2020 8:10:09 AM



#92
Benzo(g,h,i)perylene
Concen: 59.348 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM024712.D
Acq: 04 Feb 2020 18:31

Tgt Ion:276 Resp: 4556699
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 13.8 11.9 17.9

