

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030126.D
 Acq On : 21 May 2021 23:19
 Operator : CG/JU
 Sample : M2474-10MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 GB408MS

Manual Integrations
 APPROVED

mohammad
 5/24/2021 1:53:04 PM

Quant Time: May 22 00:54:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 21 23:57:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	152471	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	675183	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	421372	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	774845	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	644833	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	605085	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	13446	3.52	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.70	99	94785	6.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	272589	31.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	287295	26.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	188539	16.08	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	174003	37.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	199359	37.96	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	343833	32.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.46	131	6970	0.43	ng/ul	0.02
46) Dimethylphthalate-d6	13.59	166	1273861	39.00	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	1537549	37.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	33551	6.31	ng/ul	0.00
60) Fluorene-d10	15.16	176	1074105	38.74	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	228745	45.45	ng/ul	0.00
73) Anthracene-d10	17.01	188	1585136	40.63	ng/ul	0.00
81) Pyrene-d10	19.31	212	1556932	47.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	1388019	40.47	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.07	88	13045	3.157	ng/uL 91
6) Benzaldehyde	6.66	77	303034m	41.402	ng/ul
8) Phenol	6.73	94	111246	7.685	ng/ul 92
10) Bis(2-Chloroethyl)ether	6.95	93	356499	31.145	ng/ul 99
12) 2-Chlorophenol	7.07	128	300614	26.935	ng/ul 96
13) 2-Methylphenol	7.96	108	218352	19.908	ng/ul 100
14) 2,2'-oxybis(1-Chloropropan	8.05	45	646059	37.471	ng/ul 97
16) Acetophenone	8.33	105	614003	32.629	ng/ul 97
17) N-Nitroso-di-n-propylamine	8.32	70	351993	36.559	ng/ul 95
18) 4-Methylphenol	8.29	108	206261	16.963	ng/ul 100
19) Hexachloroethane	8.56	117	162332	34.427	ng/ul 97
22) Nitrobenzene	8.71	77	476321	39.287	ng/ul 96
23) Isophorone	9.23	82	919204	35.844	ng/ul 98
25) 2-Nitrophenol	9.41	139	222450	39.016	ng/ul 96
26) 2,4-Dimethylphenol	9.48	107	385083	29.932	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.72	93	519119	34.562	ng/ul 99
29) 2,4-Dichlorophenol	9.94	162	342160	33.086	ng/ul 97
30) Naphthalene	10.33	128	1284405	34.272	ng/ul 99
33) Hexachlorobutadiene	10.61	225	237129	34.199	ng/ul 97
34) Caprolactam	11.29	113	7194m	1.960	ng/ul
35) 4-Chloro-3-methylphenol	11.59	107	377009	32.943	ng/ul 98
36) 2-Methylnaphthalene	11.95	142	939705	34.566	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.17	142	918431	34.090	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	479804	36.849	ng/ul	99
40) Hexachlorocyclopentadiene	12.30	237	221944	32.814	ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	332869	41.922	ng/ul	99
42) 2,4,5-Trichlorophenol	12.66	196	354133	42.141	ng/ul	98
43) 1,1'-Biphenyl	12.99	154	1245073	38.011	ng/ul	99
44) 2-Chloronaphthalene	13.03	162	953575	37.934	ng/ul	98
45) 2-Nitroaniline	13.25	65	318290	50.096	ng/ul	98
47) Dimethylphthalate	13.63	163	1421450	43.464	ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	279675	47.638	ng/ul	95
50) Acenaphthylene	13.88	152	1536834	38.392	ng/ul	99
51) 3-Nitroaniline	14.09	138	98823	14.984	ng/ul	97
52) Acenaphthene	14.23	153	1092210	38.606	ng/ul	100
53) 2,4-Dinitrophenol	14.30	184	139285	34.869	ng/ul	92
55) 4-Nitrophenol	14.42	109	28219	6.899	ng/ul	94
56) Dibenzofuran	14.56	168	1538164	39.696	ng/ul	98
57) 2,4-Dinitrotoluene	14.55	165	386298	44.466	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.80	232	334728	41.830	ng/ul	99
59) Diethylphthalate	15.00	149	1382143	40.520	ng/ul	100
61) Fluorene	15.22	166	1331370	40.191	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	661330	40.629	ng/ul	99
63) 4-Nitroaniline	15.26	138	199619m	30.534	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	226489	45.725	ng/ul#	97
67) N-Nitrosodiphenylamine	15.43	169	1118526	44.438	ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	391268	45.366	ng/ul	99
69) Hexachlorobenzene	16.22	284	446198	43.565	ng/ul	95
70) Atrazine	16.40	200	342431	36.873	ng/ul	100
71) Pentachlorophenol	16.57	266	243401	41.475	ng/ul	99
72) Phenanthrene	16.95	178	1936167	42.378	ng/ul	99
74) Anthracene	17.04	178	1976325	42.311	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.94	216	467528	38.145	ng/uL	98
76) Pentachlorobenzene	14.49	250	501233	42.882	ng/uL	99
77) Carbazole	17.32	167	1666330	38.936	ng/ul	99
78) Di-n-butylphthalate	17.89	149	2233232	43.964	ng/ul	100
80) Fluoranthene	18.97	202	2016498	50.088	ng/ul	99
82) Pvrene	19.34	202	2069957	48.857	ng/ul	99
83) Butylbenzylphthalate	20.25	149	875906	58.174	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.03	252	389702	26.564	ng/ul	100
85) Benzo(a)anthracene	21.09	228	1825878	43.399	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	1357623	52.295	ng/ul	100
87) Chrysene	21.14	228	1806438	43.110	ng/ul	100
89) Di-n-octyl phthalate	21.88	149	2197937	47.468	ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	1821681	46.413	ng/ul	99
91) Benzo(k)fluoranthene	22.64	252	1768234	42.852	ng/ul	99
93) Benzo(a)pyrene	23.15	252	1571882	44.097	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.37	276	2041357	47.314	ng/ul	99
95) Dibenzo(a,h)anthracene	25.38	278	1734246	47.420	ng/ul	100
96) Benzo(a,h,i)perylene	26.02	276	1654661	47.335	ng/ul	99

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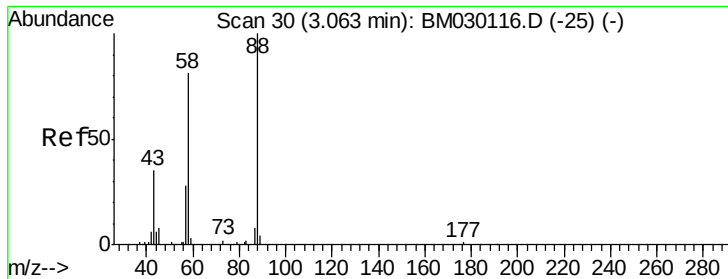
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 3.157 ng/uL

RT: 3.07 min Scan# 31

Delta R.T. 0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

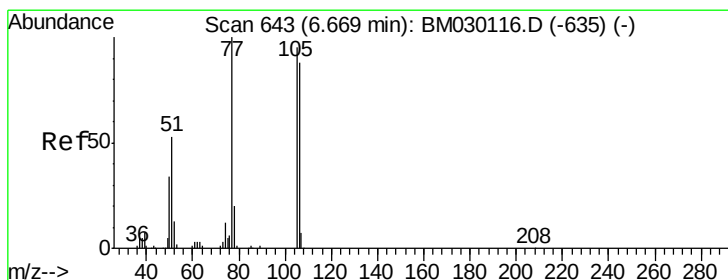
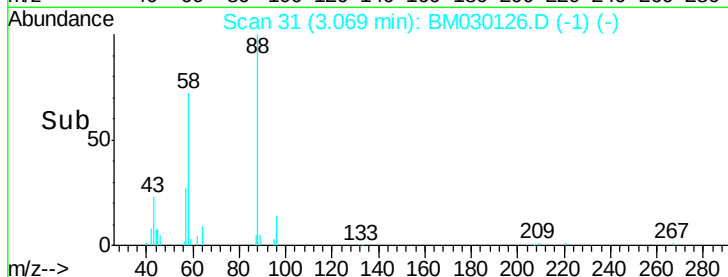
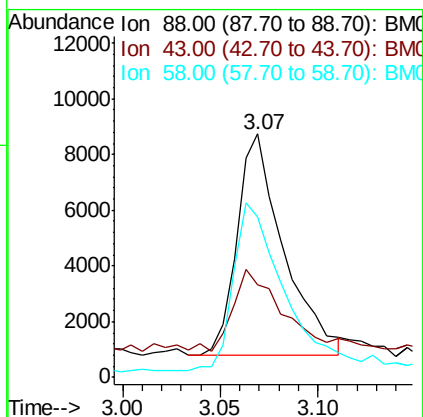
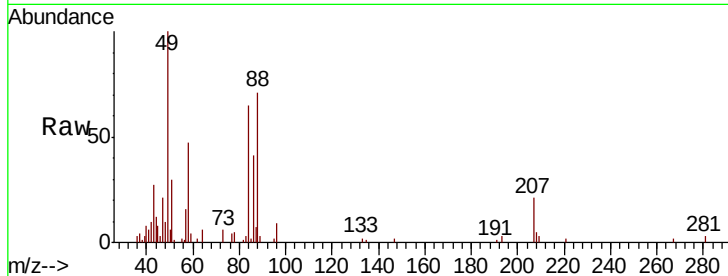
ClientSampleId :

GB408MS

Tot Ion:	88	Resp:	13045
Ion	Ratio	Lower	Upper
88	100		
43	38.2	26.2	39.2
58	66.1	59.0	88.4

Manual Integrations
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#6

Benzaldehyde

Concen: 41.402 ng/uL m

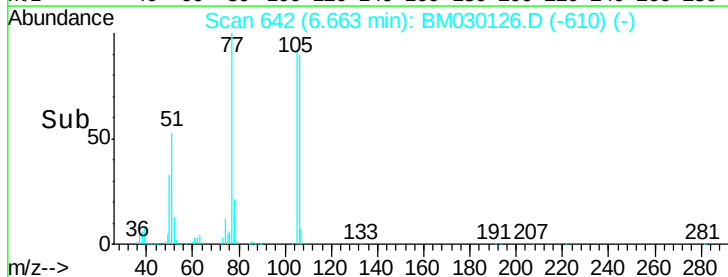
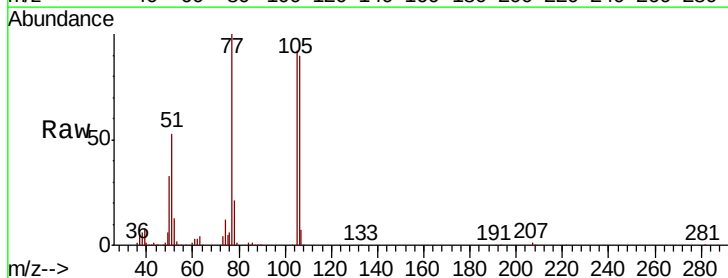
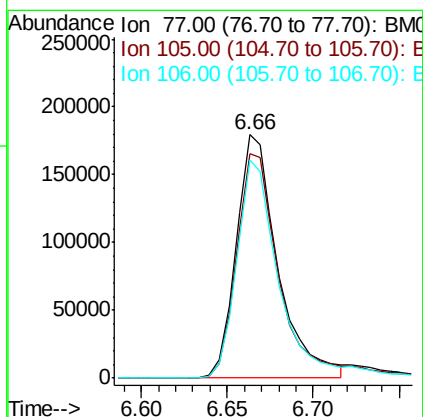
RT: 6.66 min Scan# 642

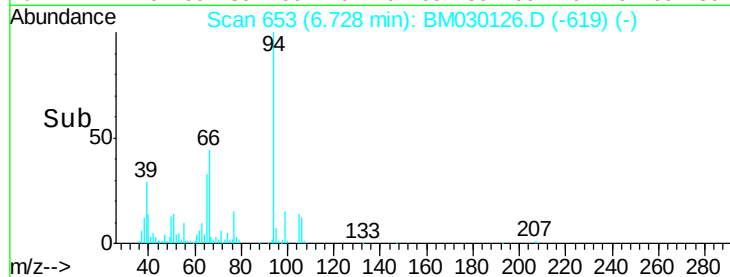
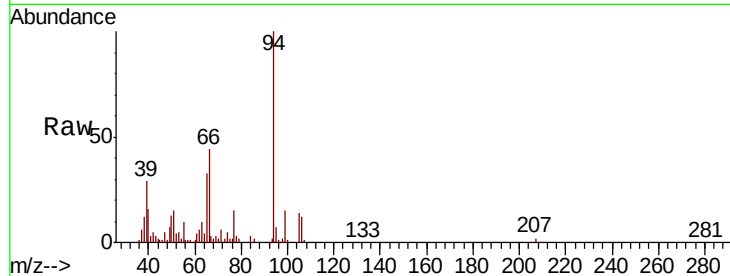
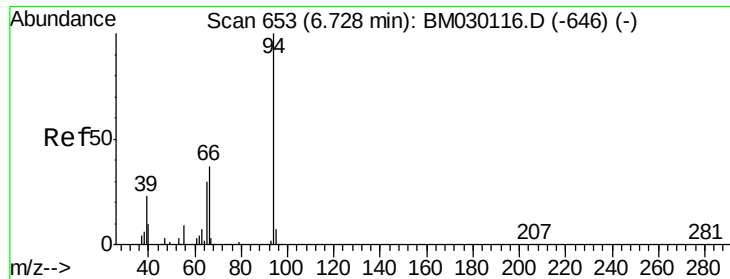
Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	77	Resp:	303034
Ion	Ratio	Lower	Upper
77	100		
105	92.1	77.7	116.5
106	89.7	72.2	108.4





#8

Phenol

Concen: 7.685 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tot Ion:	94	Resp:	111246
Ion Ratio	Lower	Upper	
94	100		
65	33.0	23.3	34.9
66	43.8	30.6	45.8

Instrument :

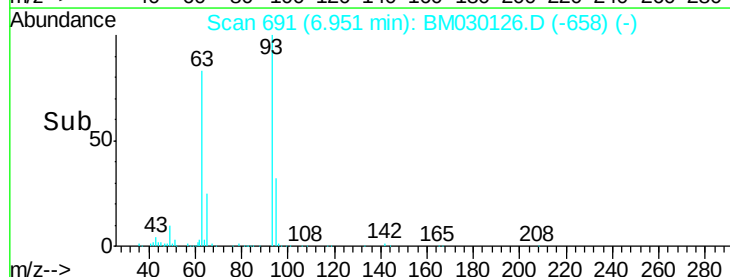
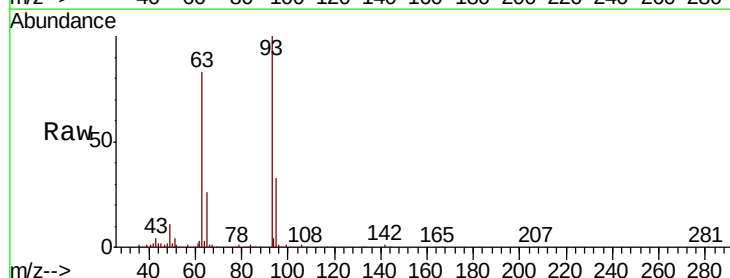
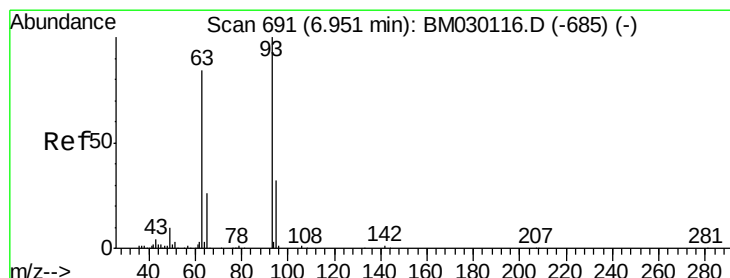
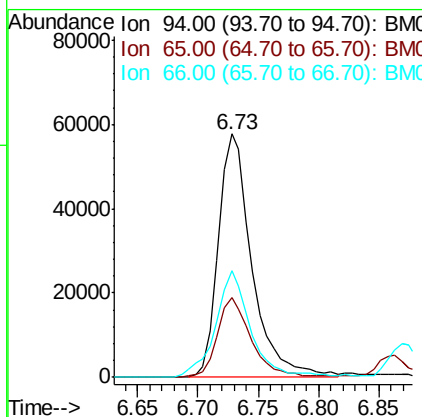
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#10

Bis(2-Chloroethyl)ether

Concen: 31.145 ng/ul

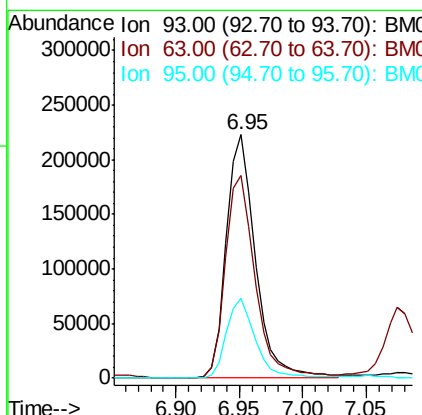
RT: 6.95 min Scan# 691

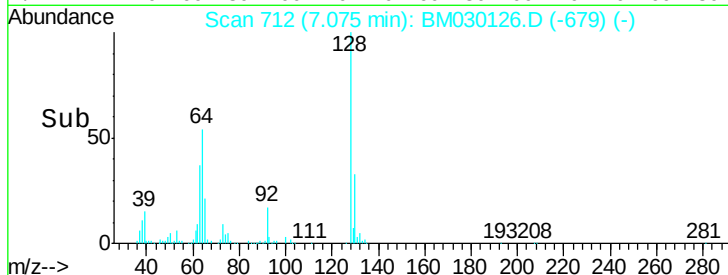
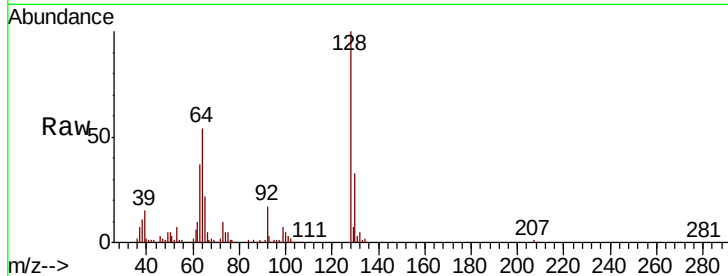
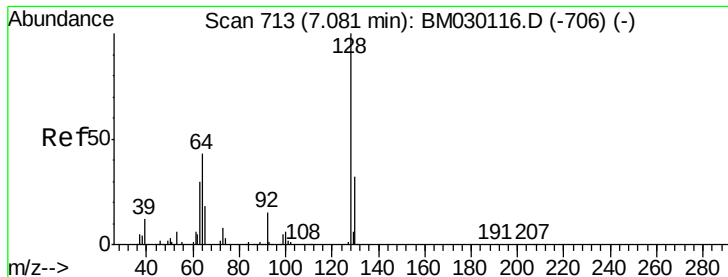
Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	93	Resp:	356499
Ion Ratio	Lower	Upper	
93	100		
63	83.0	66.0	99.0
95	32.6	25.7	38.5





#12

2-Chlorophenol

Concen: 26.935 ng/ul

RT: 7.07 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tot Ion:	128	Resp:	300614
Ion Ratio	Lower	Upper	
128	100		
64	53.7	39.3	58.9
130	32.8	26.6	39.8

Instrument :

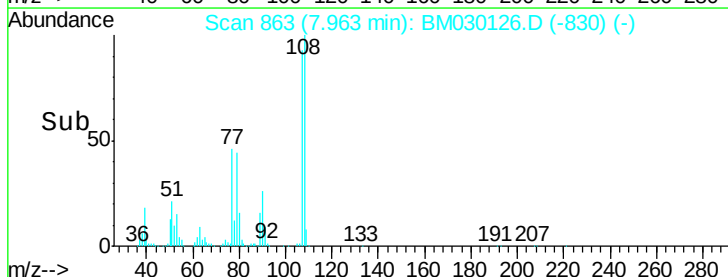
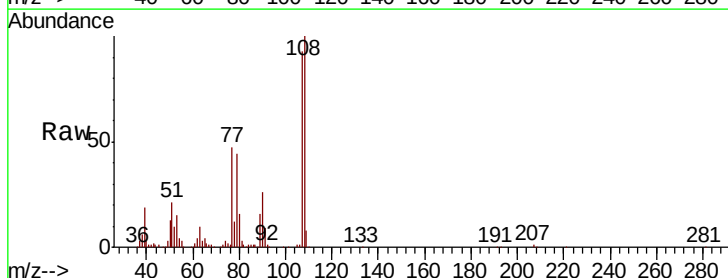
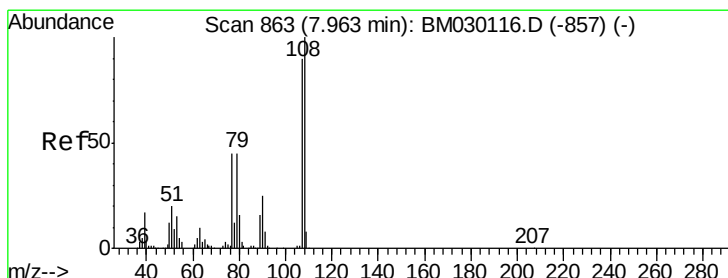
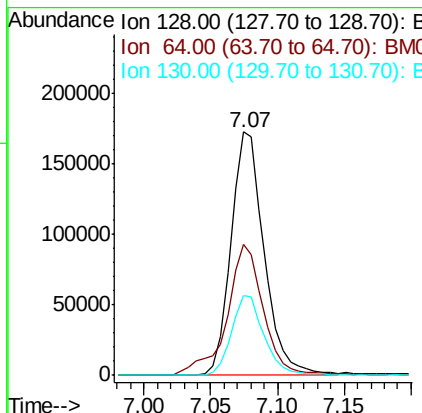
BNA_M

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#13

2-Methylphenol

Concen: 19.908 ng/ul

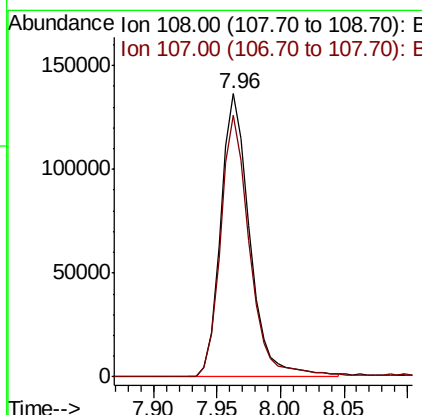
RT: 7.96 min Scan# 863

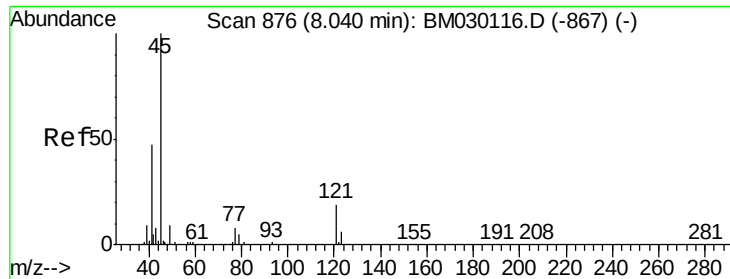
Delta R.T. -0.01 min

Lab File: BM030126.D

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Tgt Ion:	108	Resp:	218352
Ion Ratio	Lower	Upper	
108	100		
107	92.6	73.8	110.6





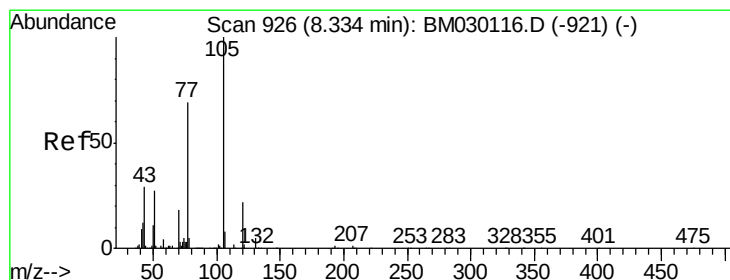
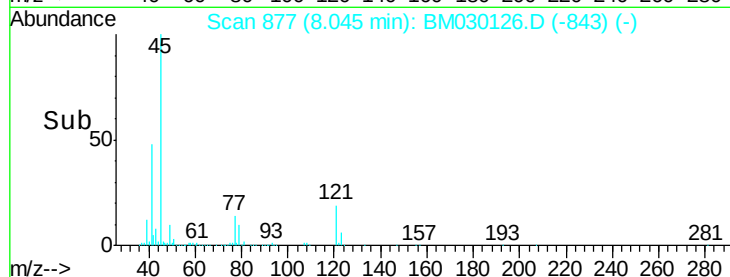
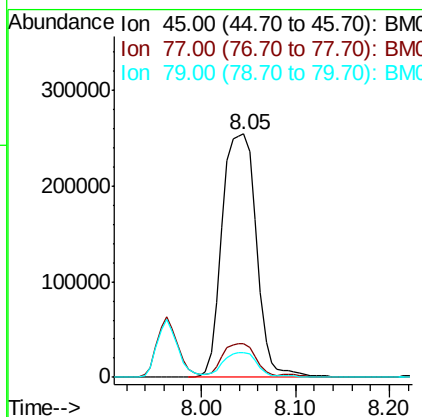
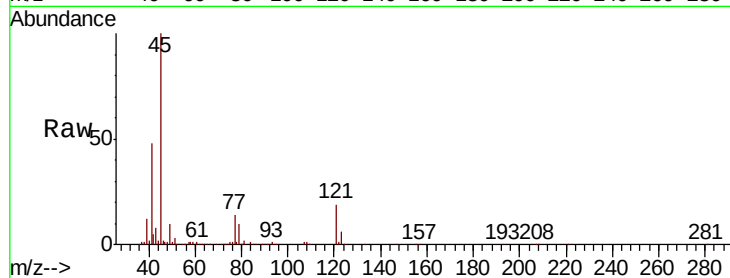
#14
2,2'-oxvbis(1-Chloropropane)
Concen: 37.471 ng/ul
RT: 8.05 min Scan# 877
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

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Tot Ion	Ratio	Lower	Upper
45	100		
77	13.9	12.3	18.5
79	10.1	9.1	13.7

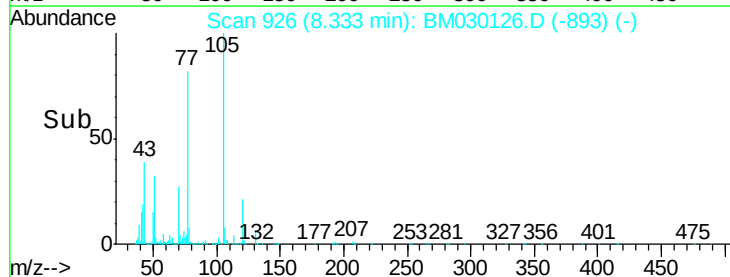
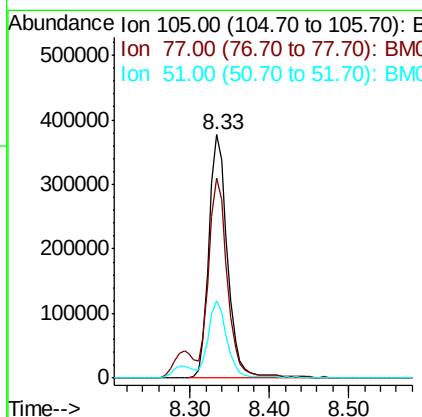
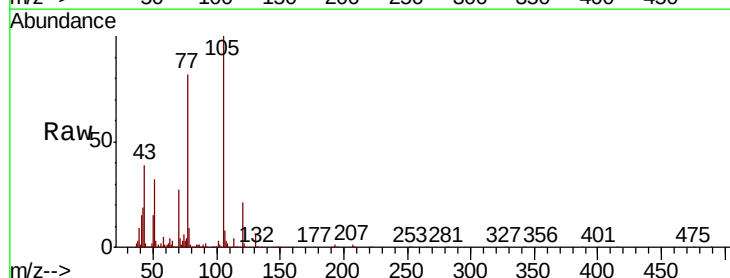
Manual Integrations
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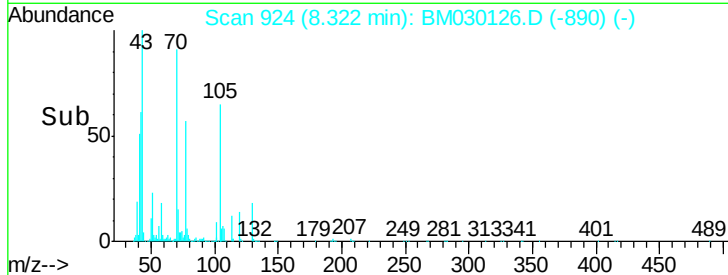
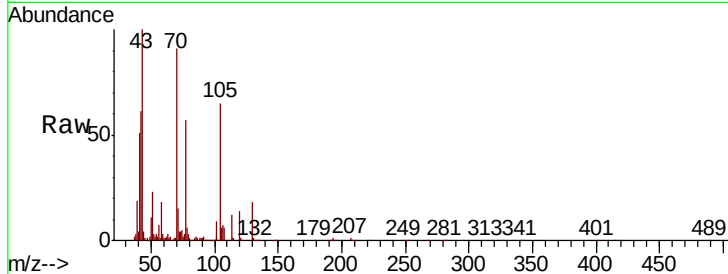
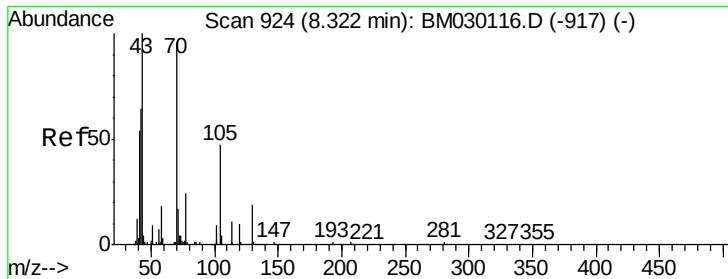
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#16
Acetophenone
Concen: 32.629 ng/ul
RT: 8.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
105	100		
77	82.5	64.2	96.4
51	31.9	24.3	36.5





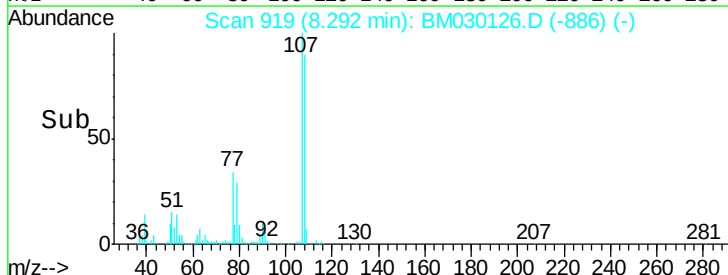
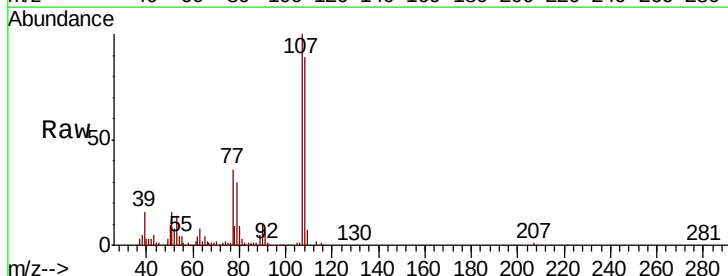
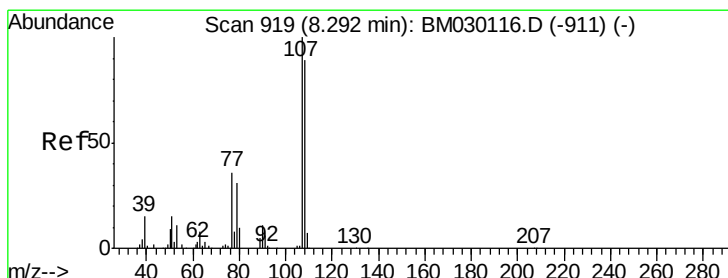
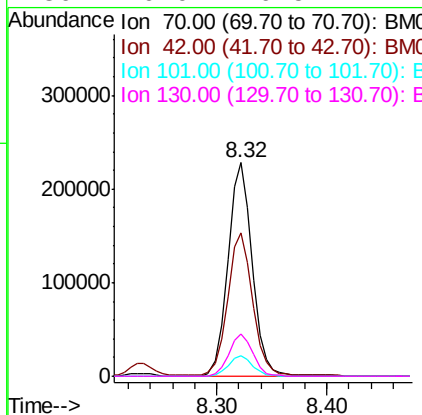
#17
N-Nitroso-di-n-propylamine
Concen: 36.559 ng/ul
RT: 8.32 min Scan# 924
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.4	49.4	74.0	
101	9.5	7.8	11.6	
130	20.0	16.5	24.7	

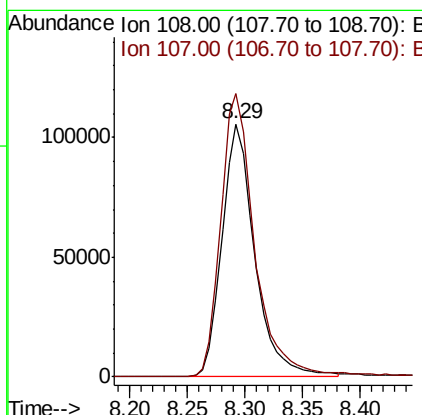
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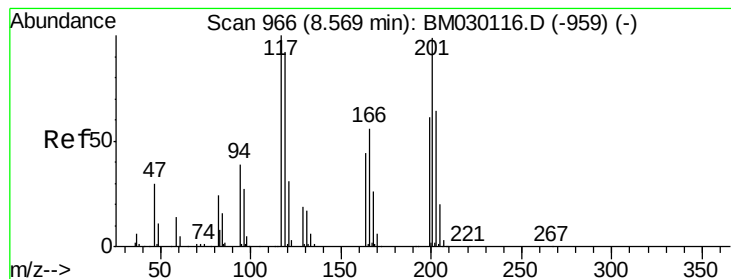
mohammad
5/24/2021 1:53:04 PM



#18
4-Methylphenol
Concen: 16.963 ng/ul
RT: 8.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	111.8	89.4	134.0	





#19

Hexachloroethane

Concen: 34.427 ng/ul

RT: 8.56 min Scan# 965

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

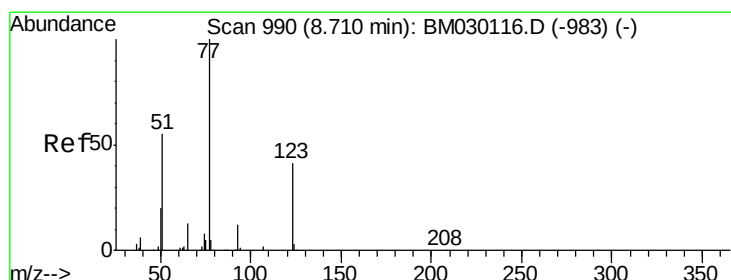
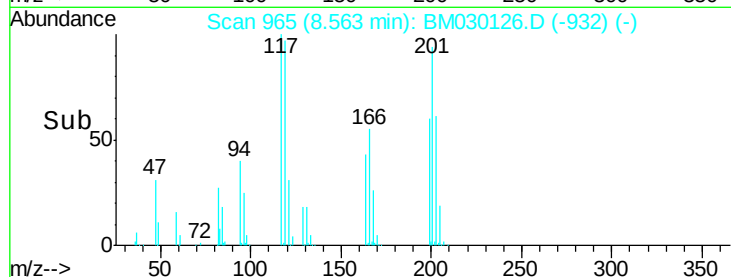
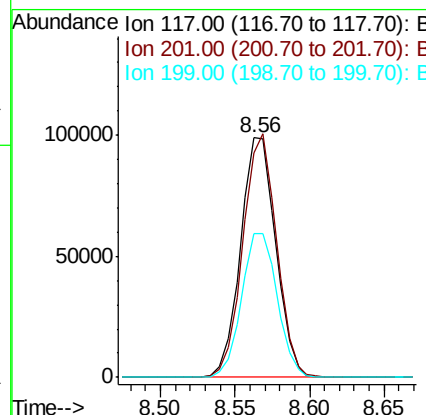
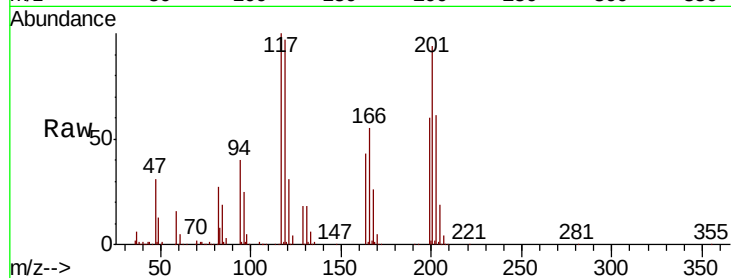
ClientSampleId :

GB408MS

Tot Ion:	117	Resp:	162332
Ion Ratio	Lower	Upper	
117	100		
201	93.9	79.4	119.2
199	60.0	48.0	72.0

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#22

Nitrobenzene

Concen: 39.287 ng/ul

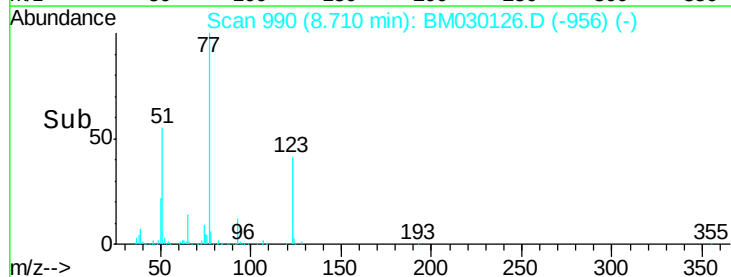
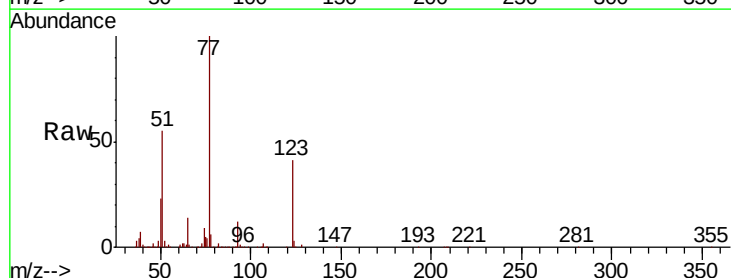
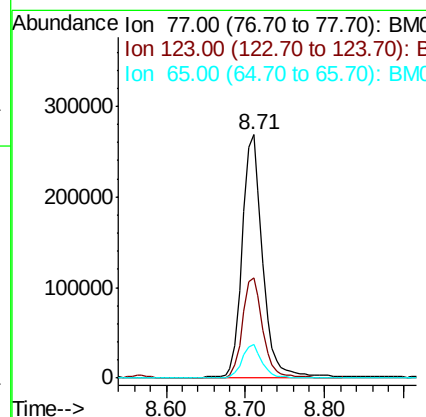
RT: 8.71 min Scan# 990

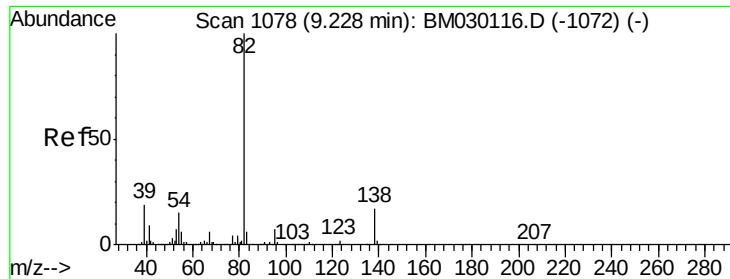
Delta R.T. -0.00 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	77	Resp:	476321
Ion Ratio	Lower	Upper	
77	100		
123	41.0	35.0	52.6
65	13.7	10.3	15.5





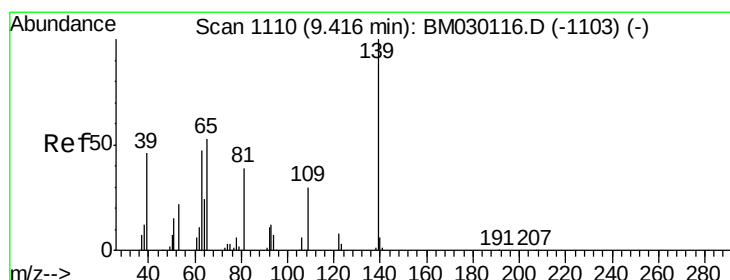
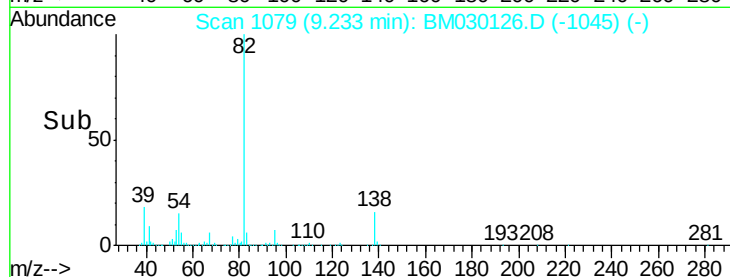
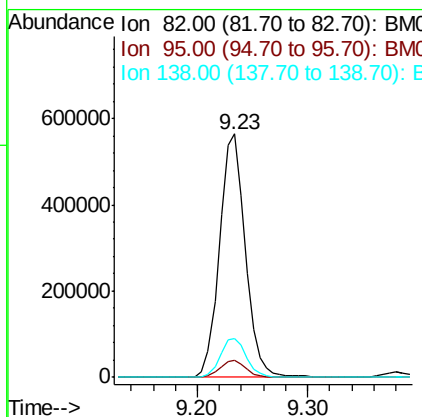
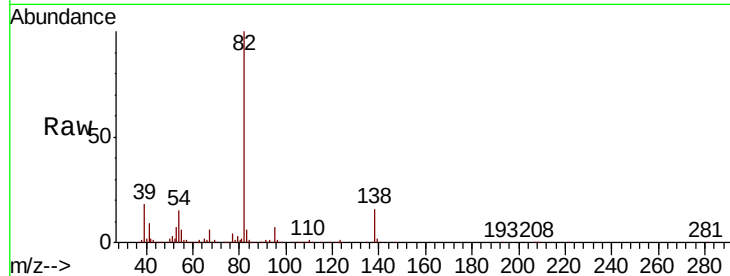
#23
Isophorone
Concen: 35.844 ng/ul
RT: 9.23 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	919204		
95	7.3		5.5	8.3
138	16.1		13.8	20.6

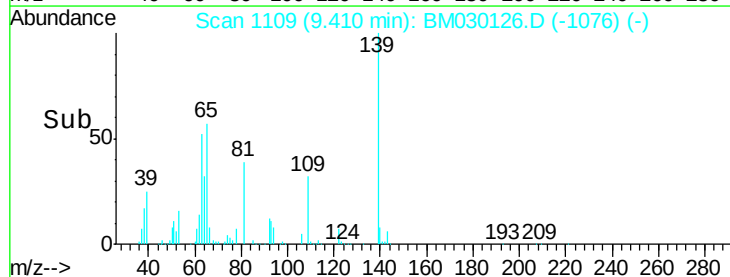
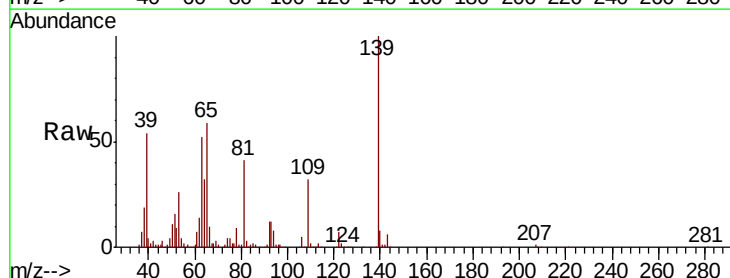
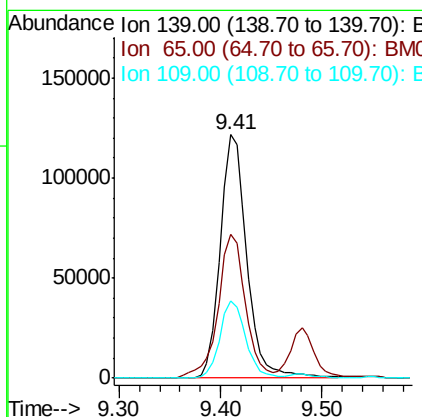
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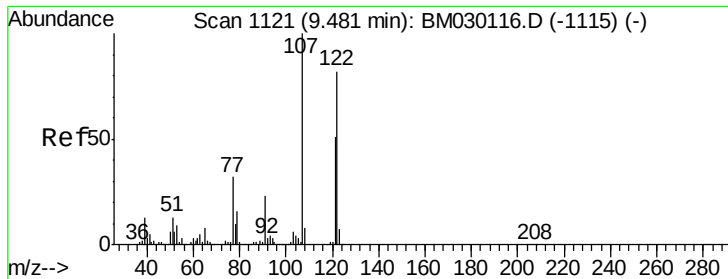
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#25
2-Nitrophenol
Concen: 39.016 ng/ul
RT: 9.41 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	222450		
65	58.9		44.6	67.0
109	31.8		24.4	36.6





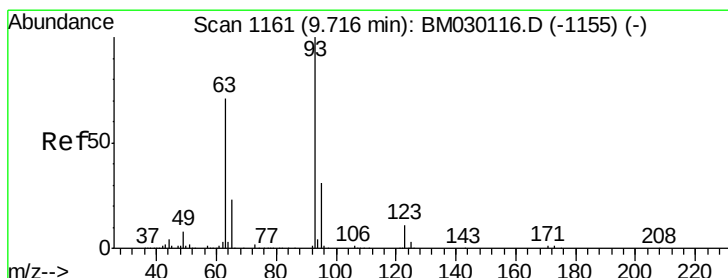
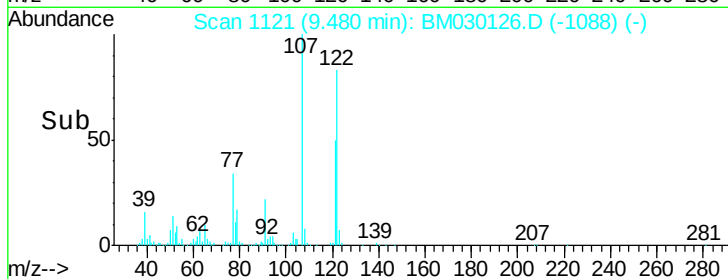
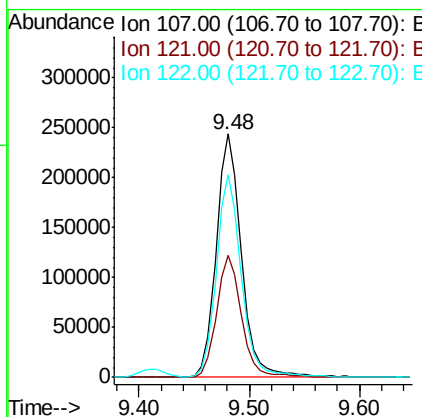
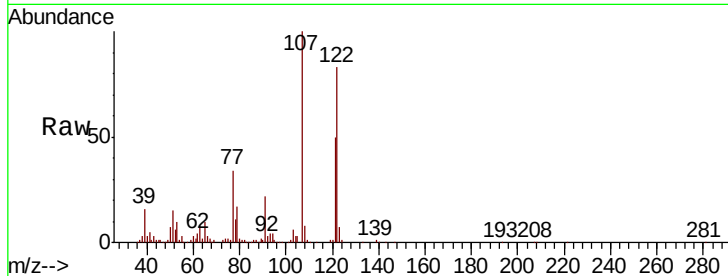
#26
 2,4-Dimethylphenol
 Concen: 29.932 ng/ul
 RT: 9.48 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Instrument :
 BNA_M
 ClientSampleId :
 GB408MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	385083		
121	50.1		40.7	61.1
122	83.1		68.9	103.3

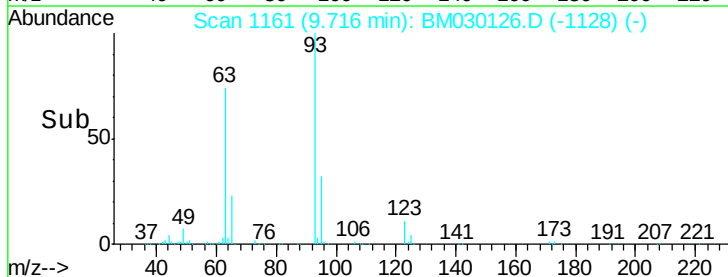
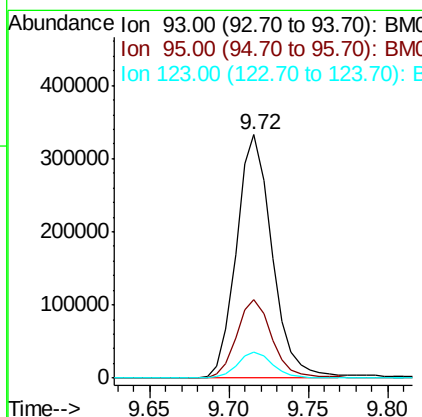
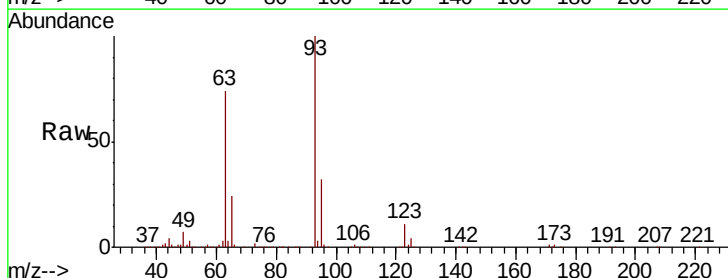
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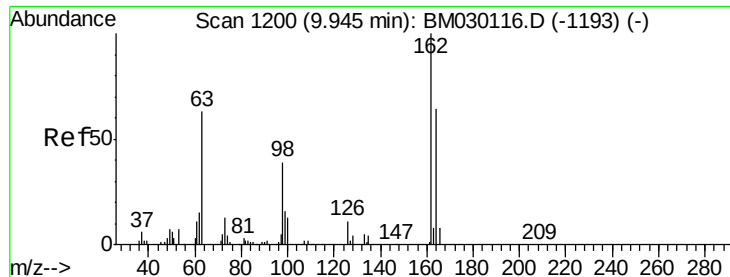
mohammad
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#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.562 ng/ul
 RT: 9.72 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	519119		
95	32.3		25.3	37.9
123	10.8		8.8	13.2





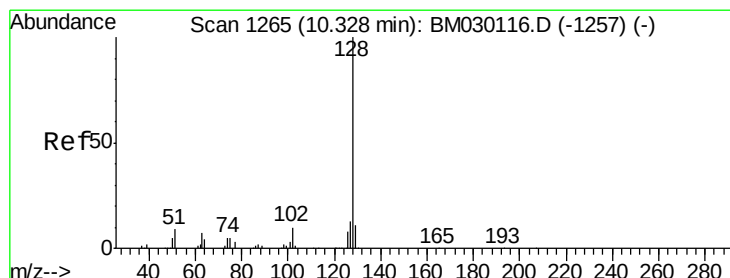
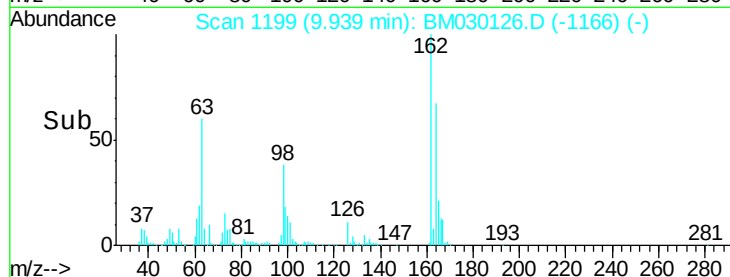
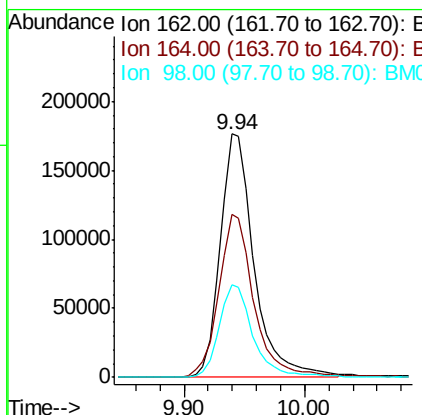
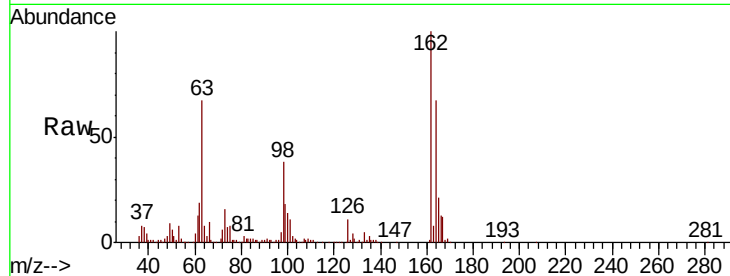
#29
2,4-Dichlorophenol
Concen: 33.086 ng/ul
RT: 9.94 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	51.2	76.8
98	37.9	29.7	44.5

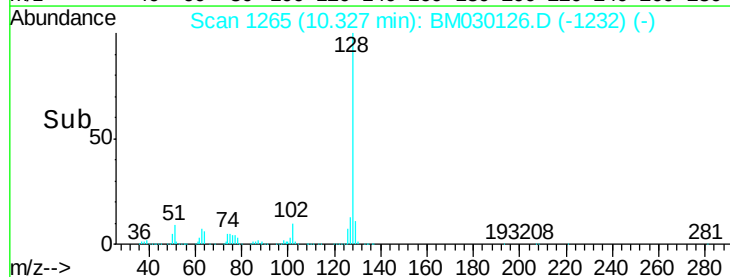
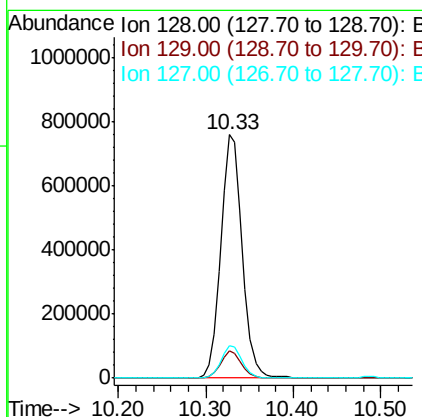
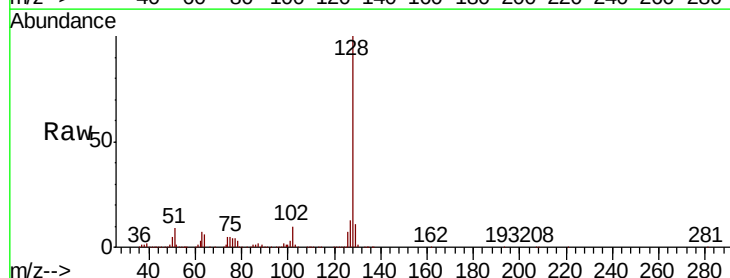
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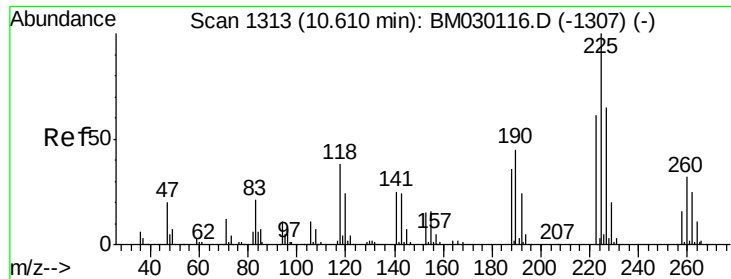
mohammad
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#30
Naphthalene
Concen: 34.272 ng/ul
RT: 10.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	13.3	10.4	15.6





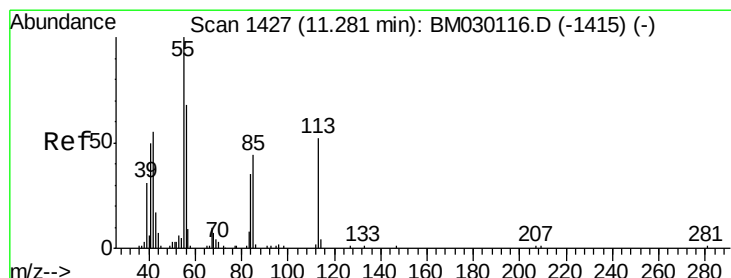
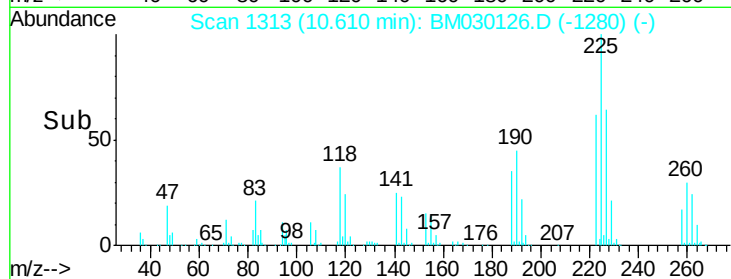
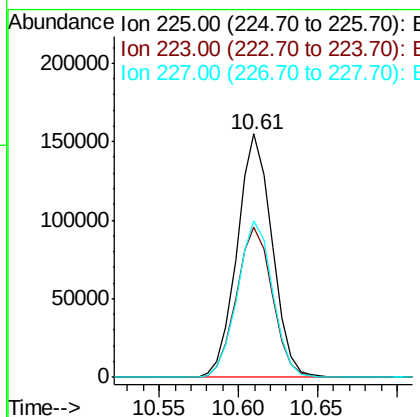
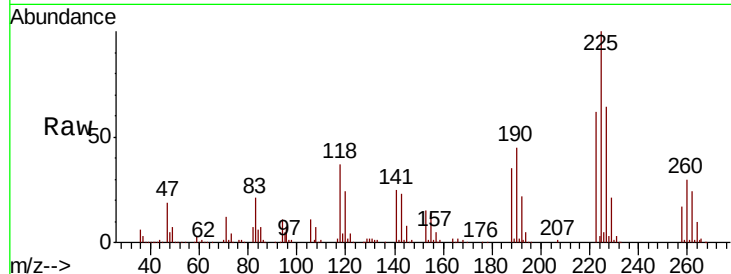
#33
Hexachlorobutadiene
Concen: 34.199 ng/ul
RT: 10.61 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	237129		
223	61.7		53.0	79.4
227	64.3		51.2	76.8

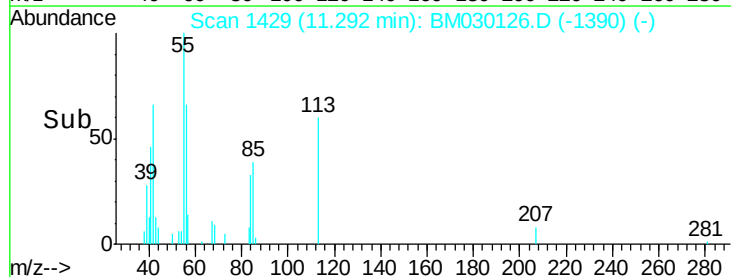
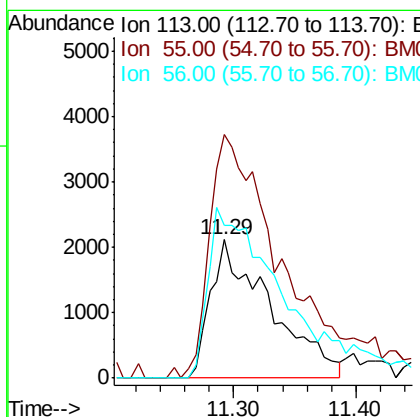
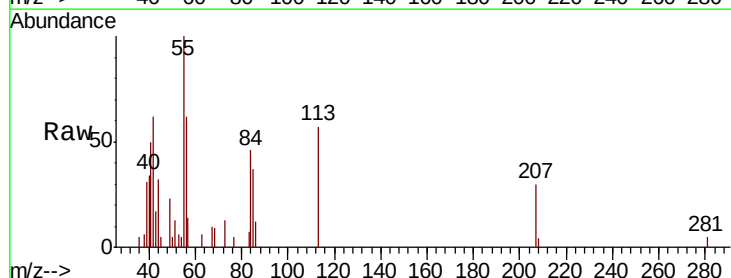
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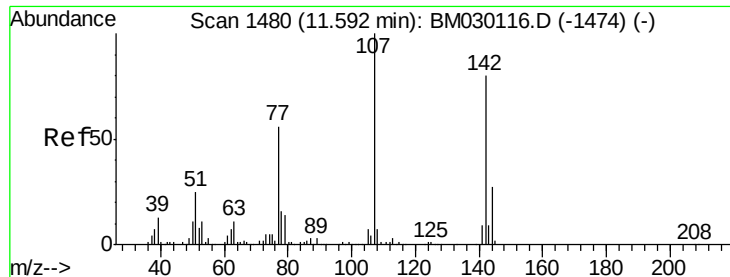
mohammad
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#34
Caprolactam
Concen: 1.960 ng/ul m
RT: 11.29 min Scan# 1429
Delta R.T. 0.03 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	7194		
55	176.1		138.9	208.3
56	110.1		105.4	158.2





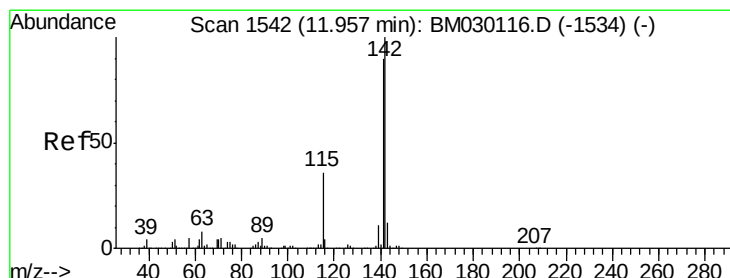
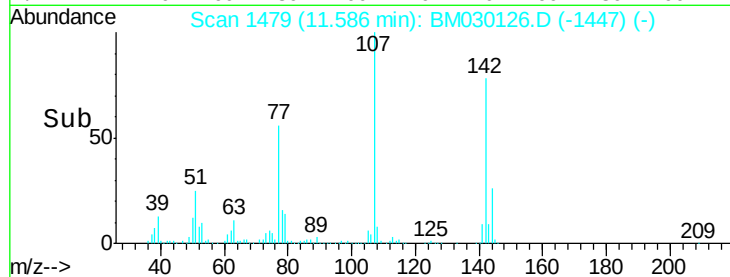
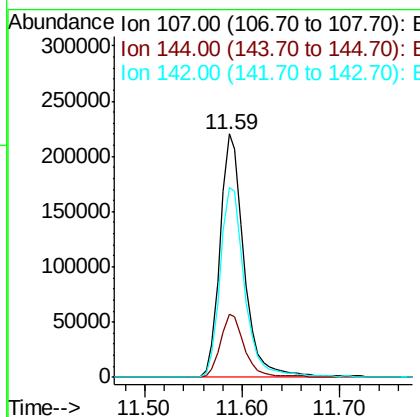
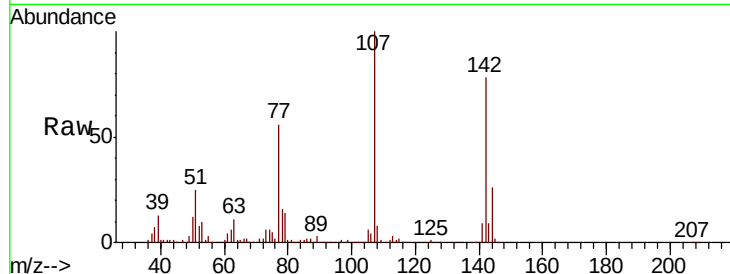
#35
 4-Chloro-3-methylphenol
 Concen: 32.943 ng/ul
 RT: 11.59 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Instrument :
 BNA_M
 ClientSampleId :
 GB408MS

Tot Ion:	107	Resp:	377009
Ion Ratio	Lower	Upper	
107	100		
144	26.2	21.3	31.9
142	78.2	64.6	97.0

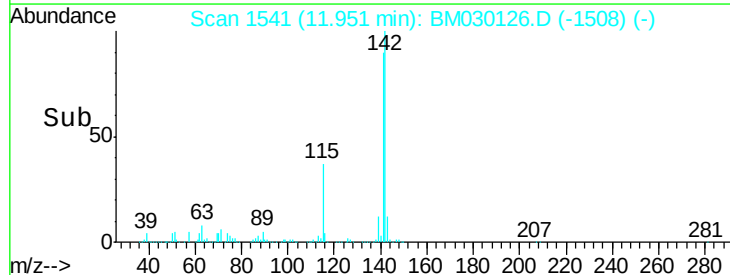
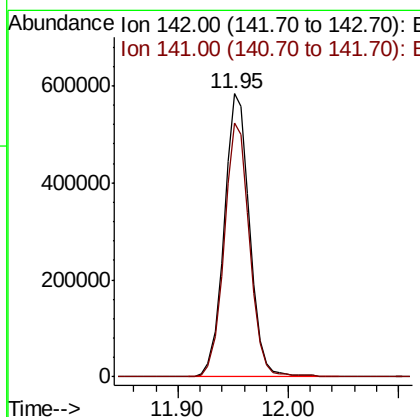
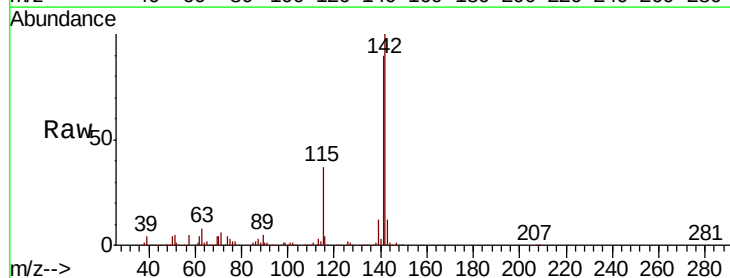
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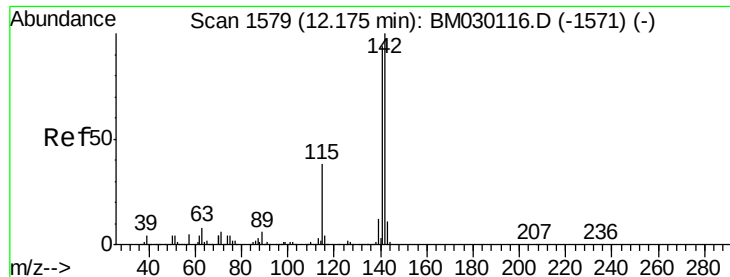
mohammad
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#36
 2-Methylnaphthalene
 Concen: 34.566 ng/ul
 RT: 11.95 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Tgt Ion:	142	Resp:	939705
Ion Ratio	Lower	Upper	
142	100		
141	89.8	72.1	108.1





#37

1-Methylnaphthalene

Concen: 34.090 ng/ul

RT: 12.17 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

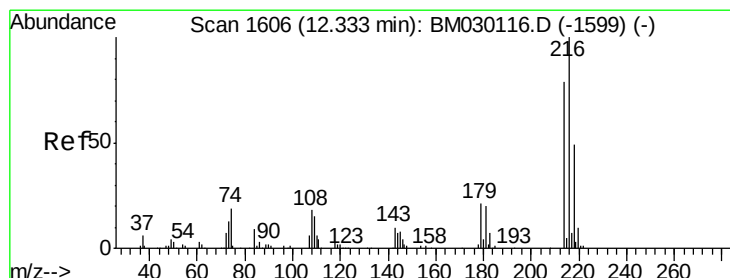
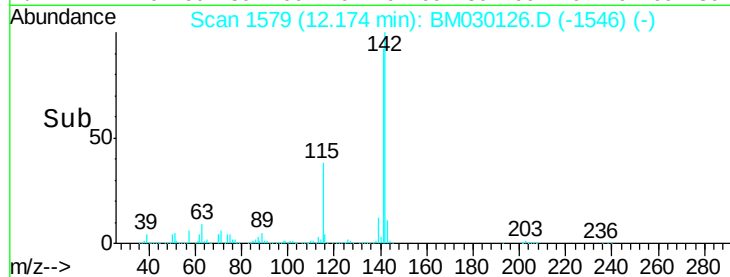
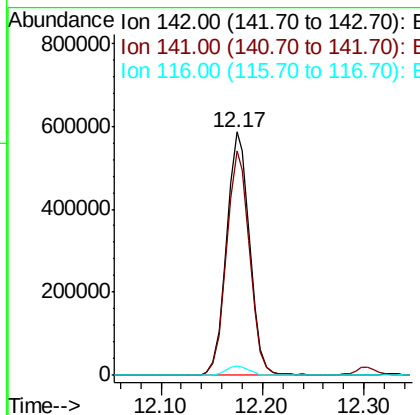
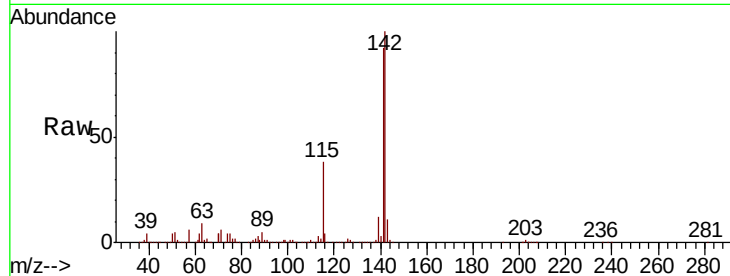
ClientSampleId :

GB408MS

Tot Ion:	142	Resp:	918431
Ion Ratio	Lower	Upper	
142	100		
141	92.1	72.9	109.3
116	4.0	3.0	4.6

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.849 ng/ul

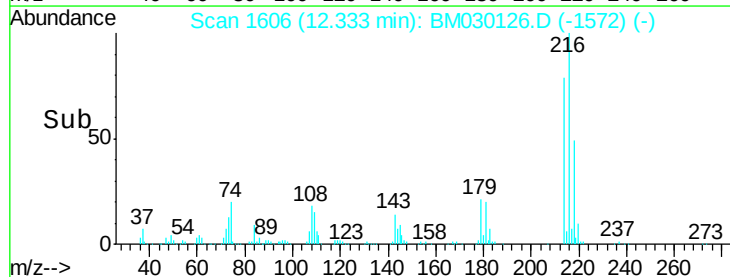
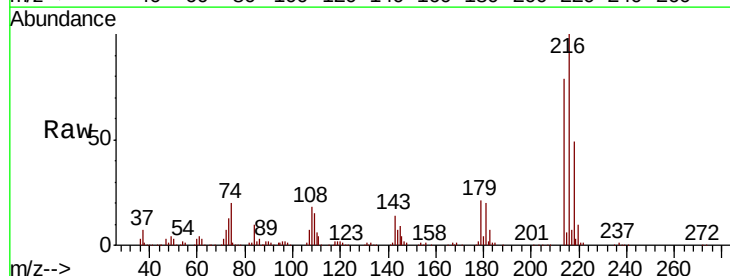
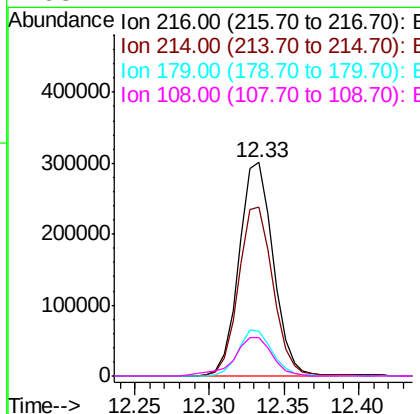
RT: 12.33 min Scan# 1606

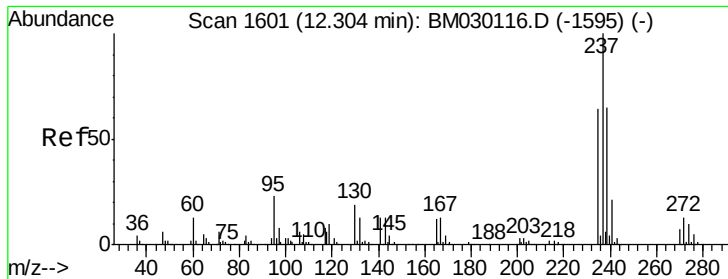
Delta R.T. -0.00 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	216	Resp:	479804
Ion Ratio	Lower	Upper	
216	100		
214	78.9	61.9	92.9
179	20.9	16.8	25.2
108	17.7	14.1	21.1





#40

Hexachlorocyclopentadiene

Concen: 32.814 ng/ul

RT: 12.30 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

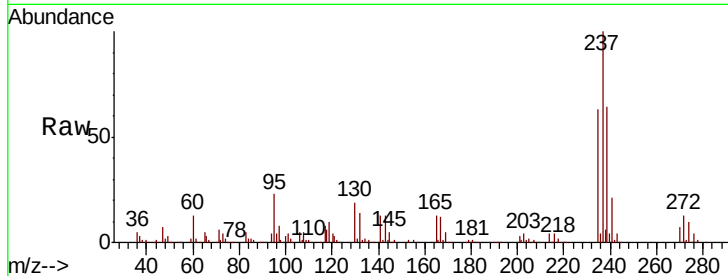
ClientSampleId :

GB408MS

Tot Ion:	237	Resp:	221944
Ion Ratio	Lower	Upper	
237	100		
235	63.1	50.0	75.0
272	12.8	10.2	15.2

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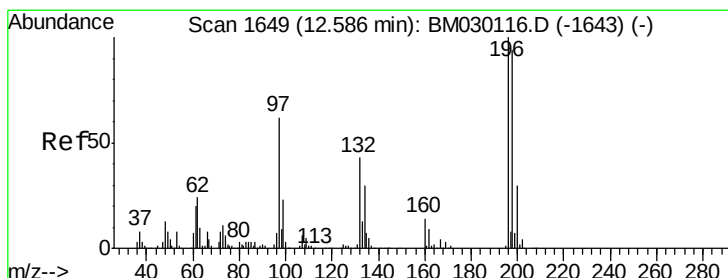
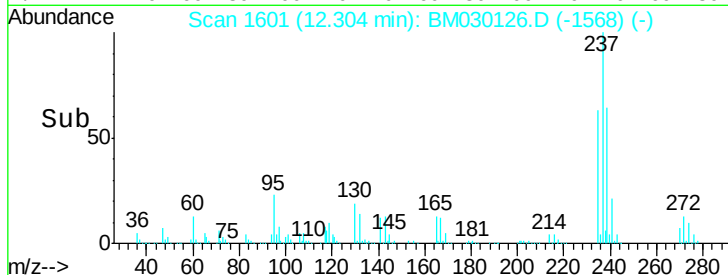
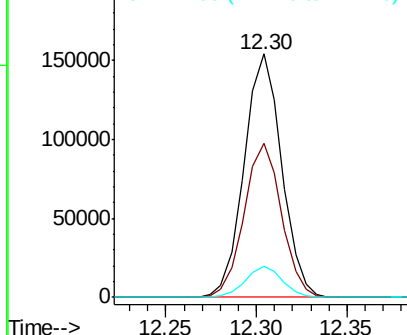


Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41

2,4,6-Trichlorophenol

Concen: 41.922 ng/ul

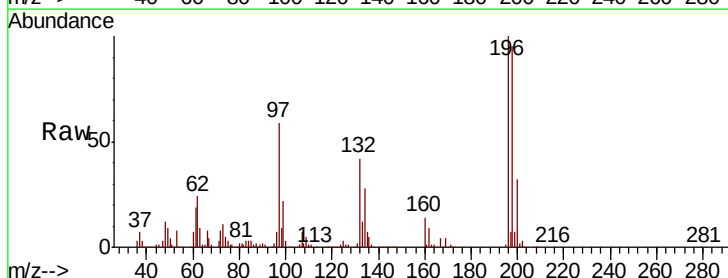
RT: 12.59 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	196	Resp:	332869
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.0	115.4
200	31.5	23.7	35.5

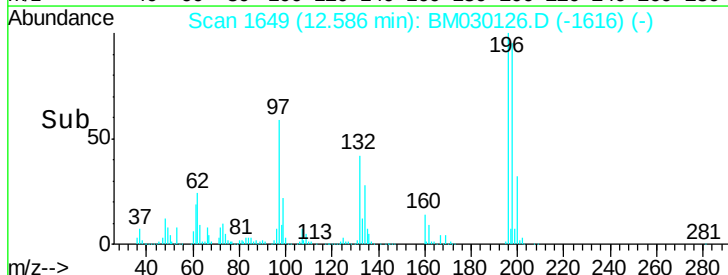
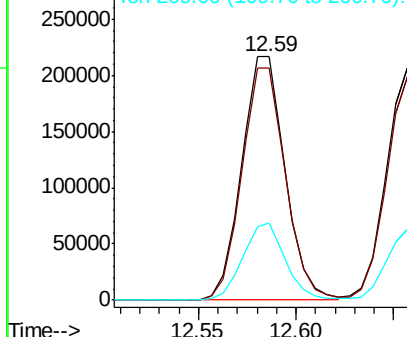


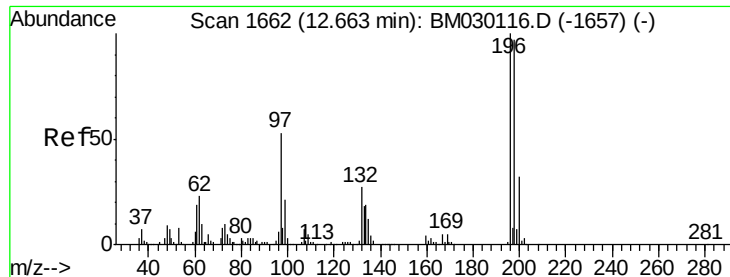
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





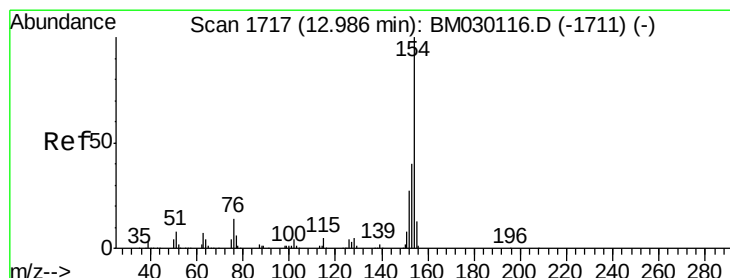
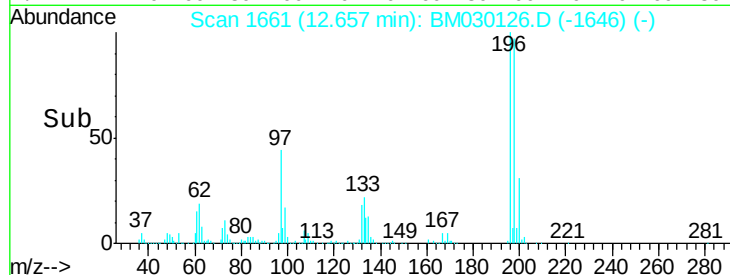
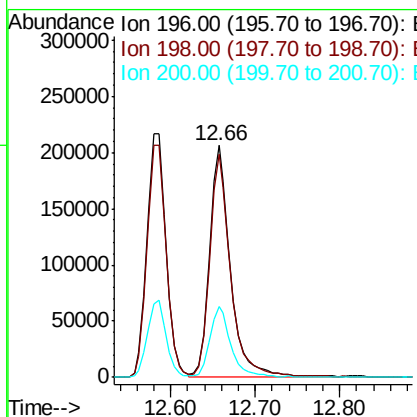
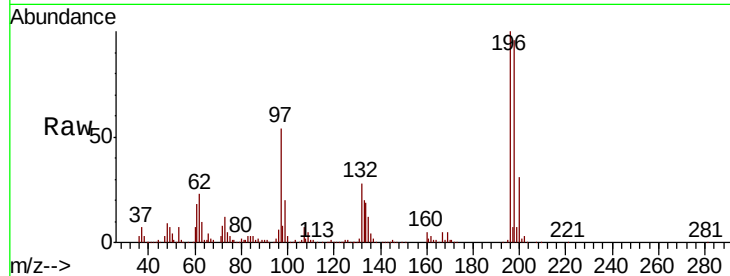
#42
 2,4,5-Trichlorophenol
 Concen: 42.141 ng/ul
 RT: 12.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Instrument :
 BNA_M
 ClientSampleId :
 GB408MS

Tot Ion:	196	Resp:	354133
Ion Ratio		Lower	Upper
196	100		
198	96.3	75.3	112.9
200	30.7	24.6	36.8

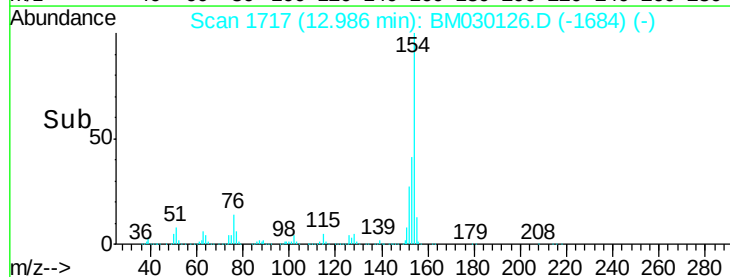
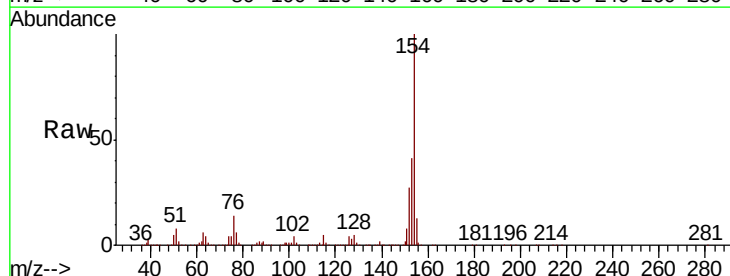
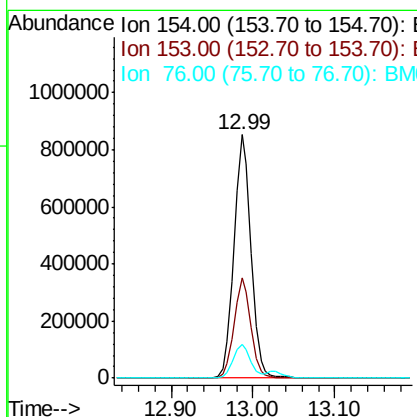
Manual Integrations
 APPROVED

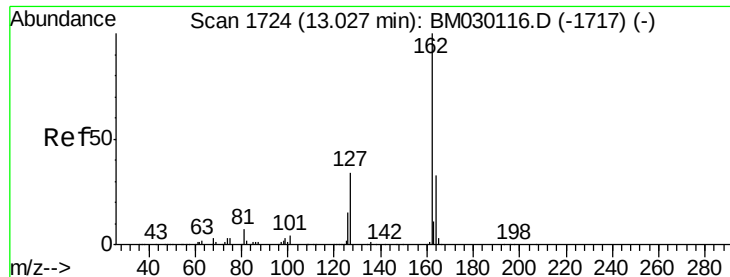
mohammad
 5/24/2021 1:53:04 PM



#43
 1,1'-Biphenyl
 Concen: 38.011 ng/ul
 RT: 12.99 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Tgt Ion:	154	Resp:	1245073
Ion Ratio		Lower	Upper
154	100		
153	41.2	33.3	49.9
76	14.0	10.3	15.5





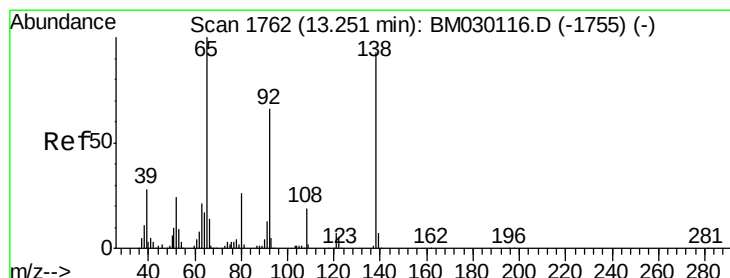
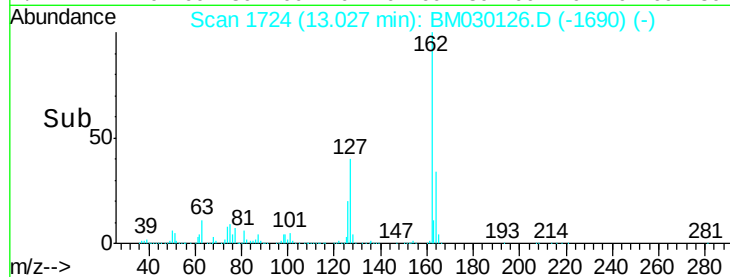
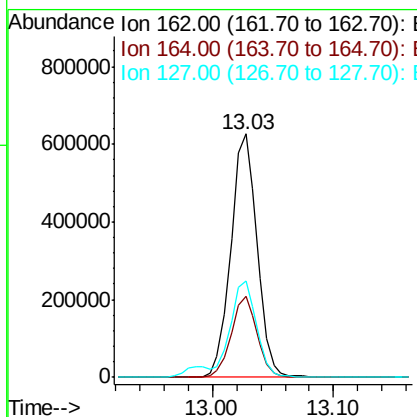
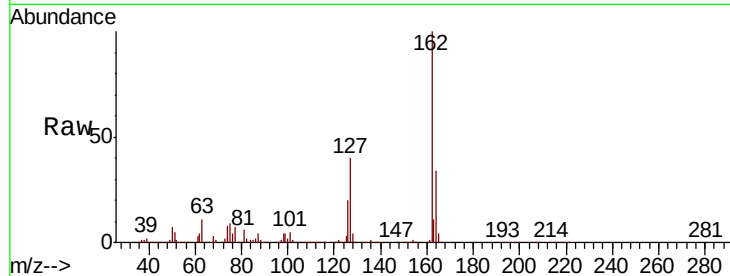
#44
 2-Chloronaphthalene
 Concen: 37.934 ng/ul
 RT: 13.03 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Instrument :
 BNA_M
 ClientSampleId :
 GB408MS

Tot Ion:	162	Resp:	953575
Ion Ratio	Lower	Upper	
162	100		
164	33.5	25.8	38.6
127	39.7	31.0	46.6

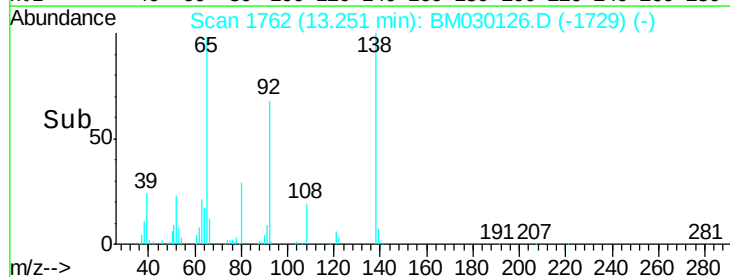
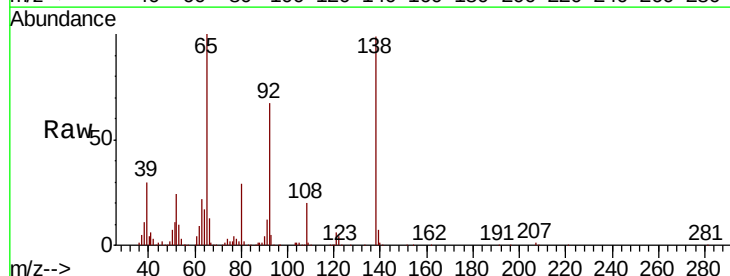
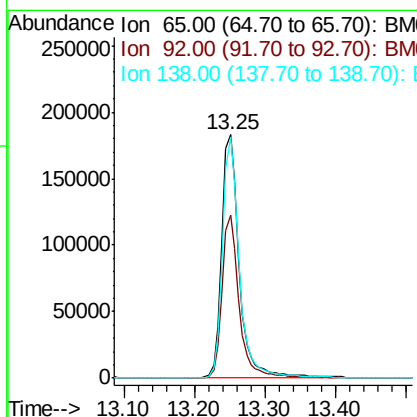
Manual Integrations
 APPROVED

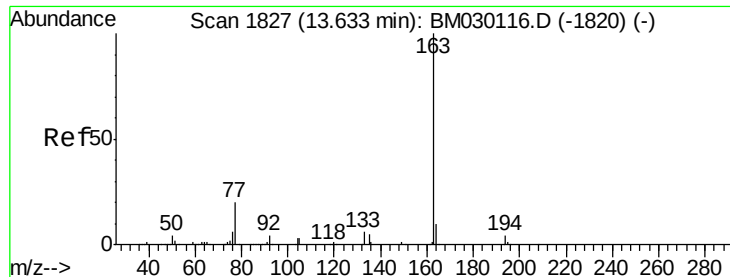
mohammad
 5/24/2021 1:53:04 PM



#45
 2-Nitroaniline
 Concen: 50.096 ng/ul
 RT: 13.25 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Tgt Ion:	65	Resp:	318290
Ion Ratio	Lower	Upper	
65	100		
92	67.0	53.2	79.8
138	98.8	81.1	121.7





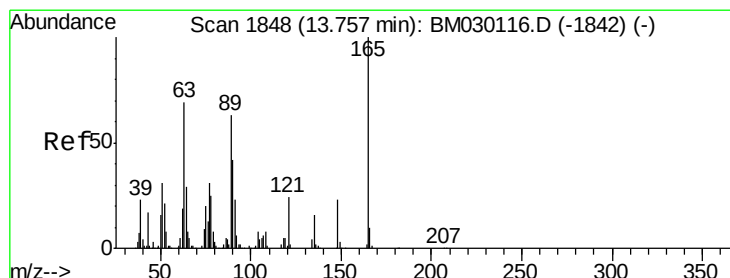
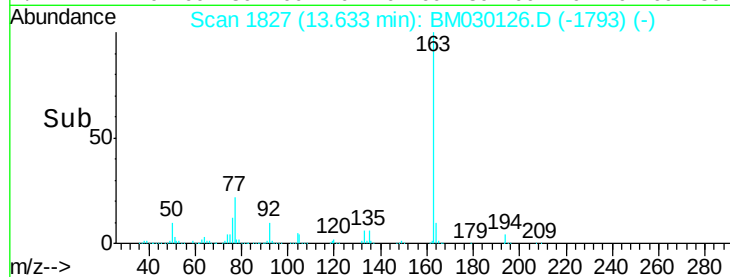
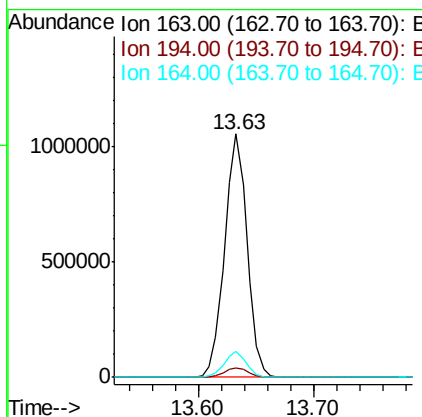
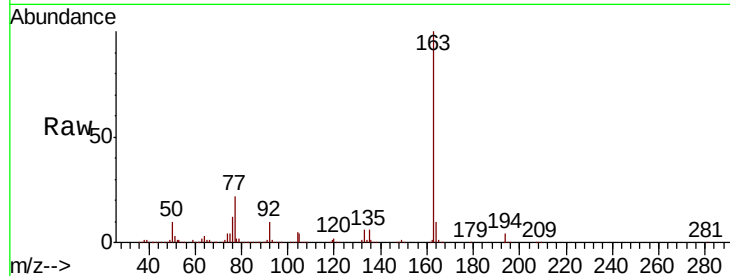
#47
Dimethylphthalate
Concen: 43.464 ng/ul
RT: 13.63 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.4	7.8	11.8

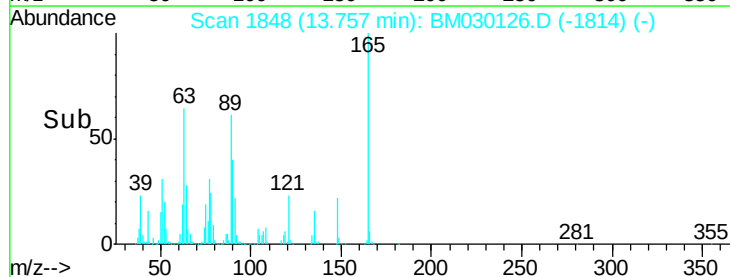
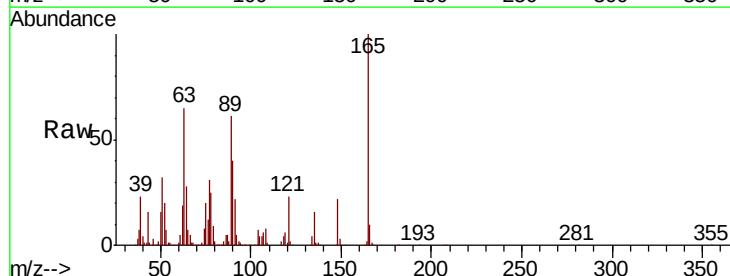
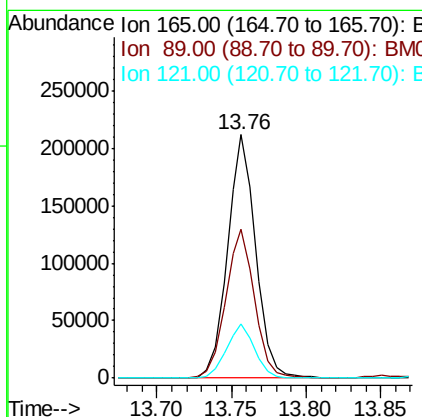
Manual Integrations
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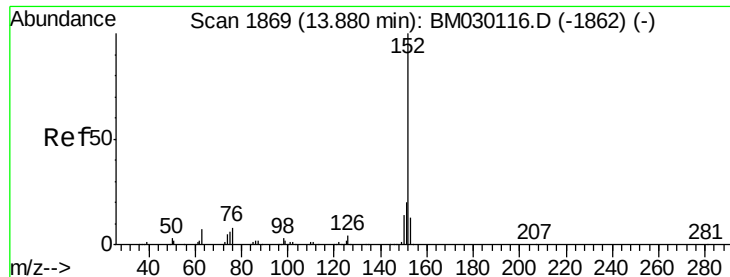
mohammad
5/24/2021 1:53:04 PM



#48
2,6-Dinitrotoluene
Concen: 47.638 ng/ul
RT: 13.76 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
165	100		
89	61.3	52.5	78.7
121	22.5	18.8	28.2





#50

Acenaphthylene

Concen: 38.392 ng/ul

RT: 13.88 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

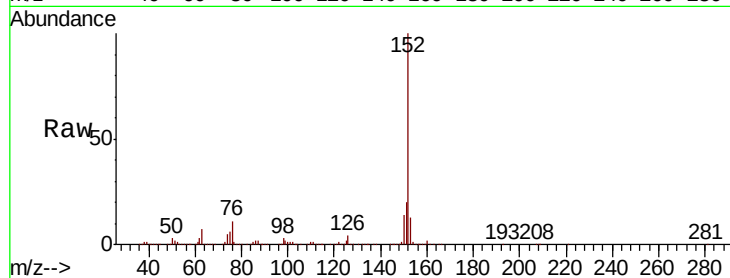
ClientSampleId :

GB408MS

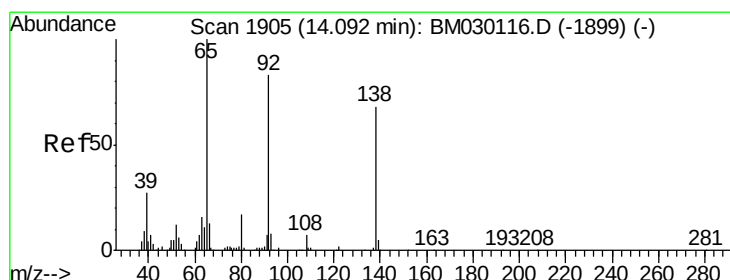
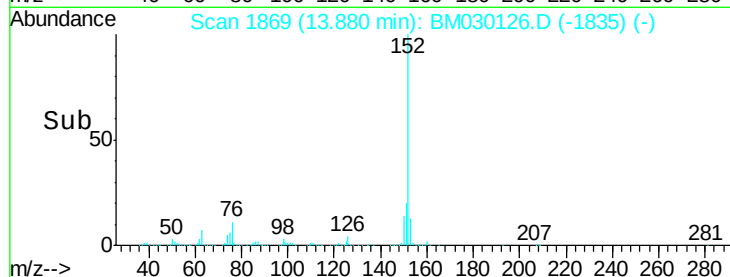
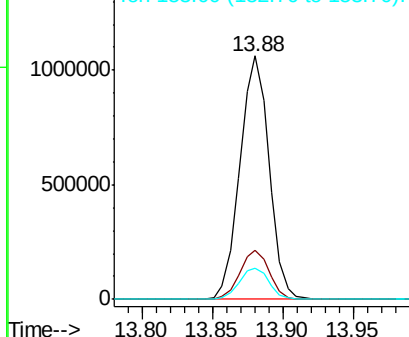
Tot Ion:	152	Resp:	1536834
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.0	10.6	16.0

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 14.984 ng/ul

RT: 14.09 min Scan# 1905

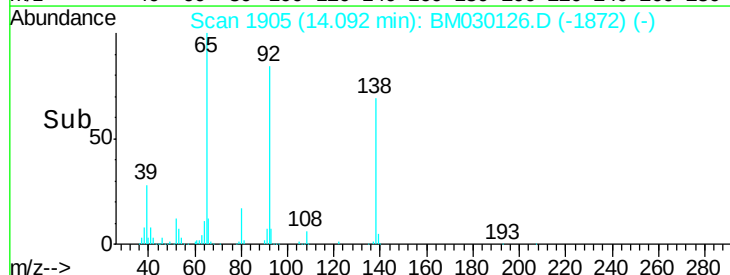
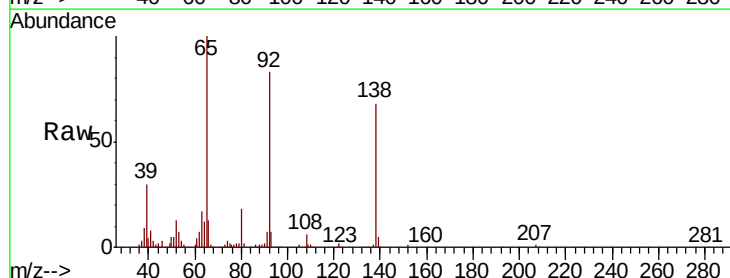
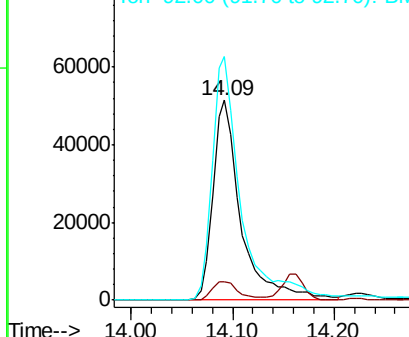
Delta R.T. -0.01 min

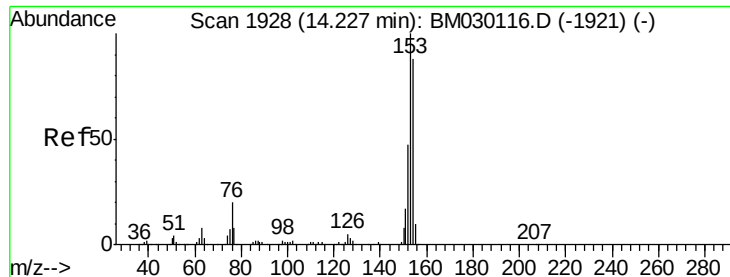
Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	138	Resp:	98823
Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.5	12.7
92	122.0	100.1	150.1

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





#52

Acenaphthene

Concen: 38.606 ng/ul

RT: 14.23 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

ClientSampled :

GB408MS

Tot Ion:153 Resp: 1092210

Ion Ratio Lower Upper

153 100

152 46.2 37.7 56.5

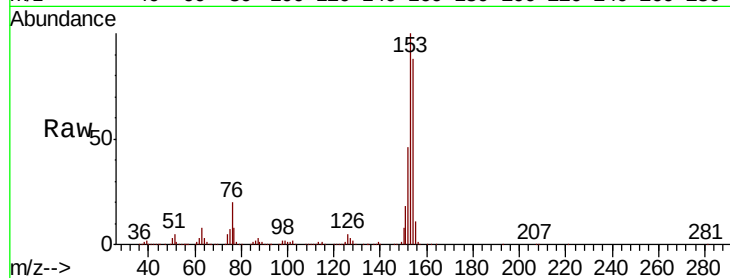
154 87.9 70.2 105.4

Manual Integrations

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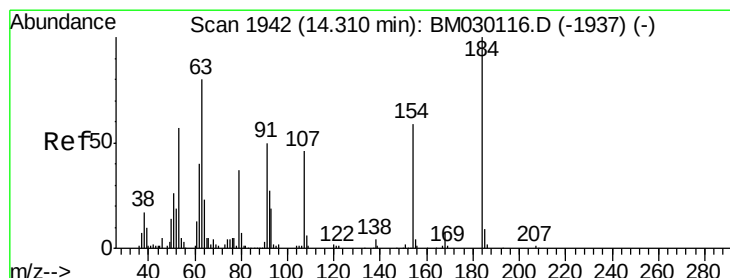
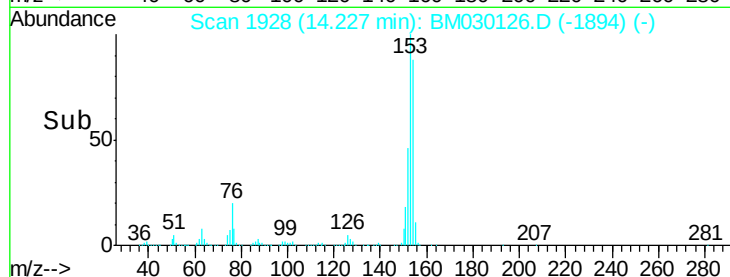
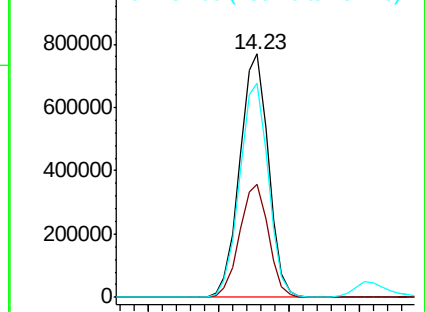


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 34.869 ng/ul

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

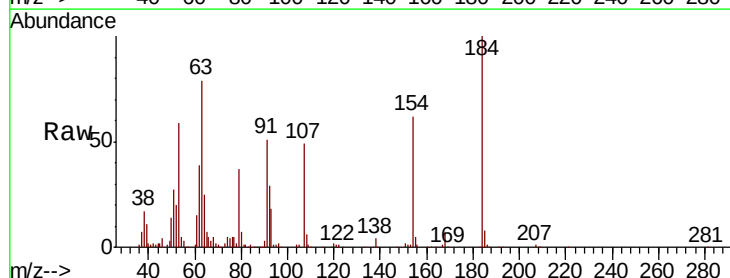
Tgt Ion:184 Resp: 139285

Ion Ratio Lower Upper

184 100

63 79.3 57.2 85.8

154 62.1 45.8 68.6

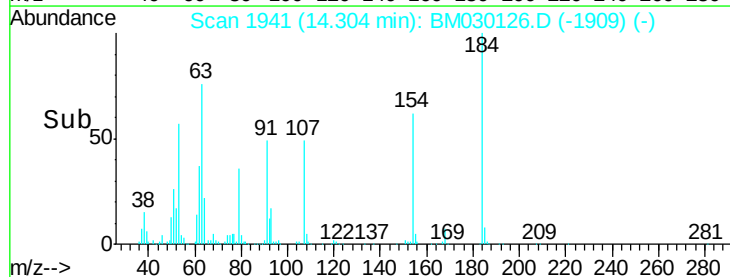
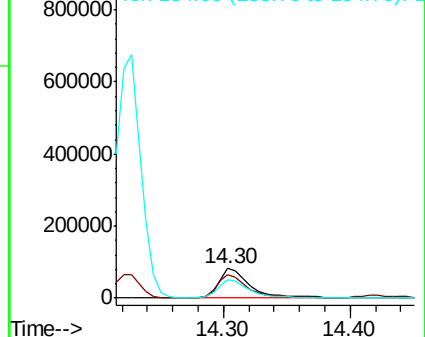


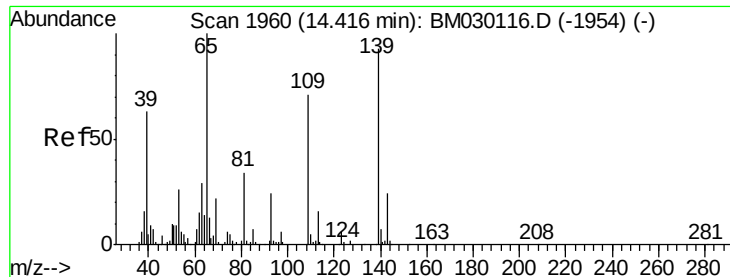
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





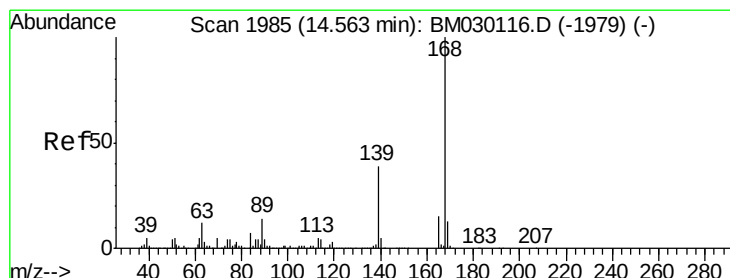
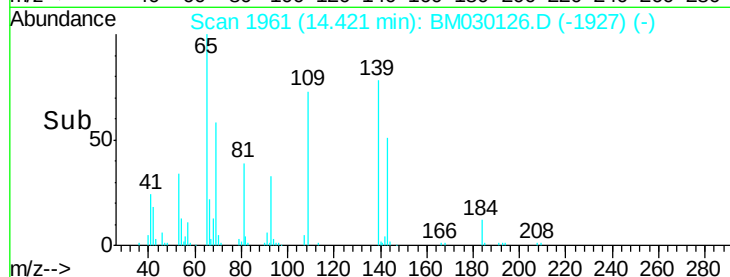
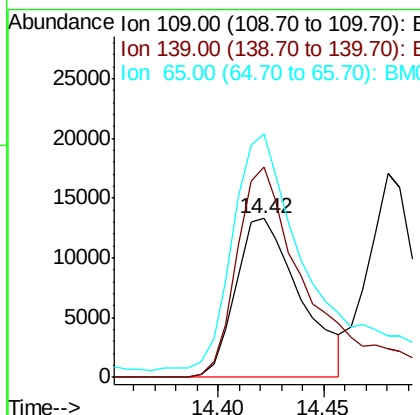
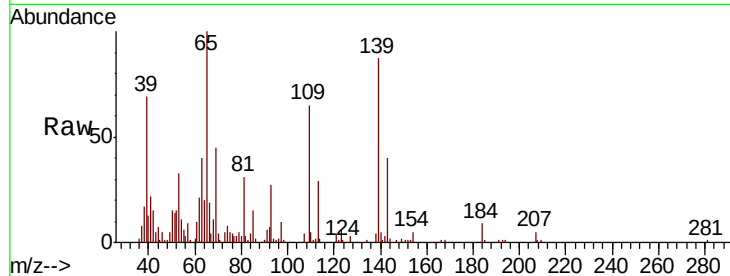
#55
4-Nitrophenol
Concen: 6.899 ng/ul
RT: 14.42 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampled :
GB408MS

Tot Ion	Ratio	Lower	Upper
109	100		
139	132.7	102.1	153.1
65	153.1	114.6	172.0

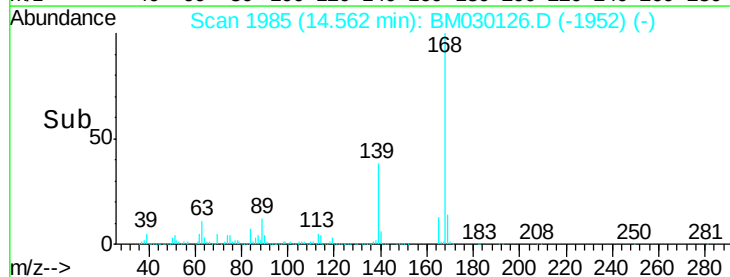
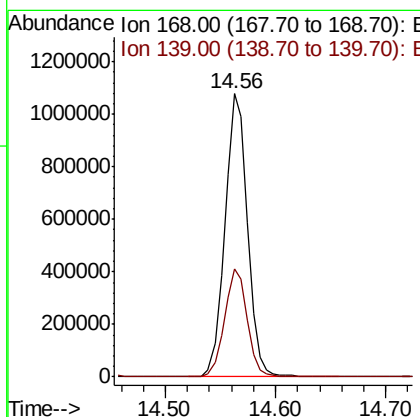
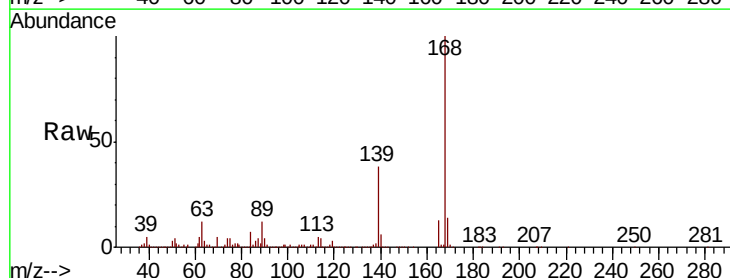
Manual Integrations
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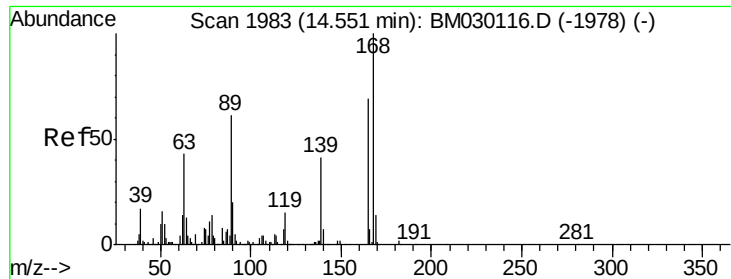
mohammad
5/24/2021 1:53:04 PM



#56
Dibenzofuran
Concen: 39.696 ng/ul
RT: 14.56 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.8	44.6





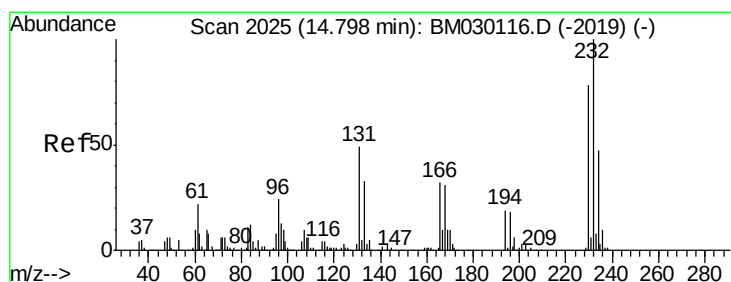
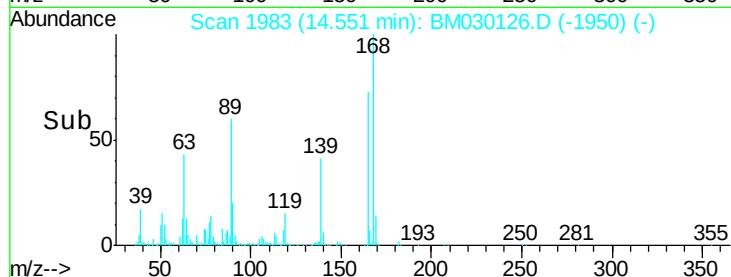
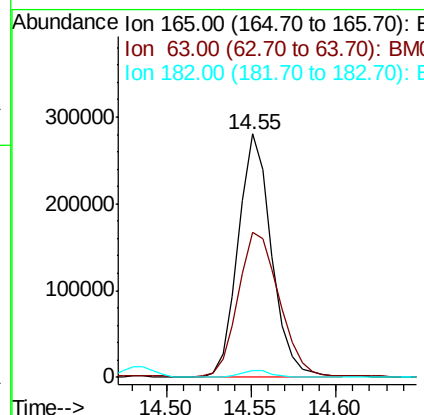
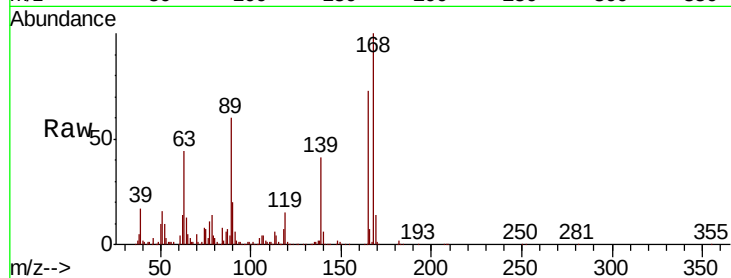
#57
 2,4-Dinitrotoluene
 Concen: 44.466 ng/ul
 RT: 14.55 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Instrument :
 BNA_M
 ClientSampleId :
 GB408MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	386298		
63	59.8	40.7	61.1	
182	2.8	2.1	3.1	

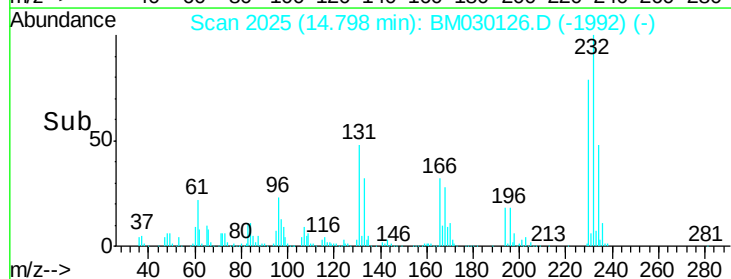
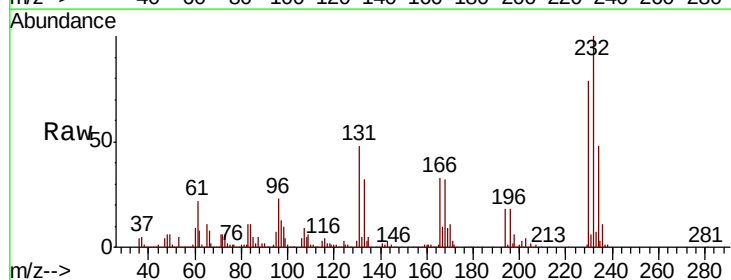
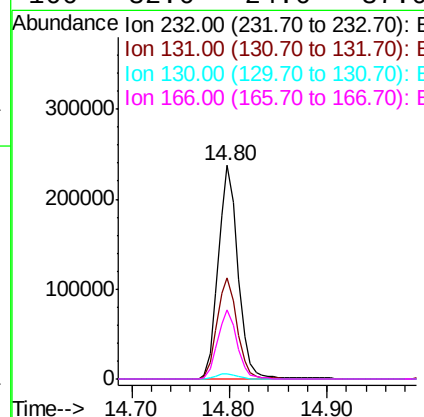
Manual Integrations
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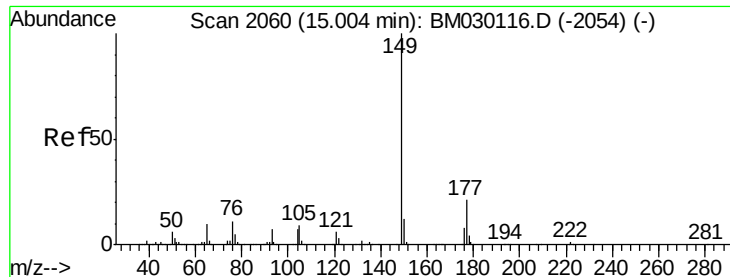
mohammad
 5/24/2021 1:53:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.830 ng/ul
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	334728		
131	47.6	38.3	57.5	
130	2.6	2.0	3.0	
166	32.6	24.6	37.0	





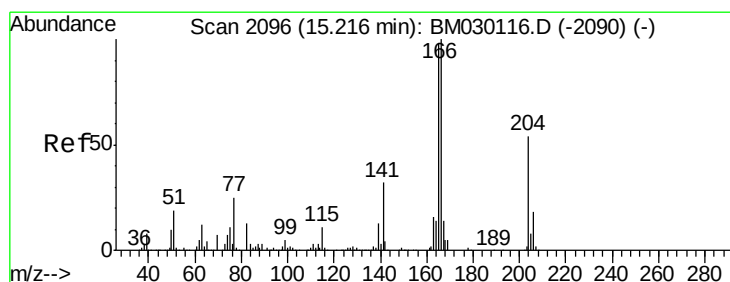
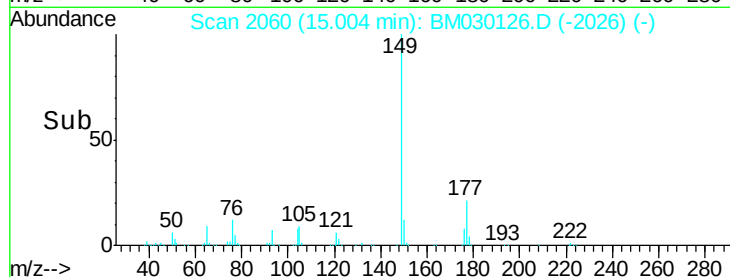
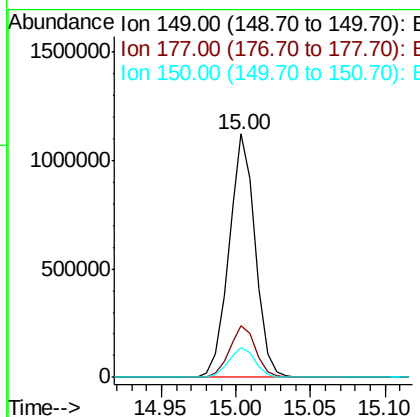
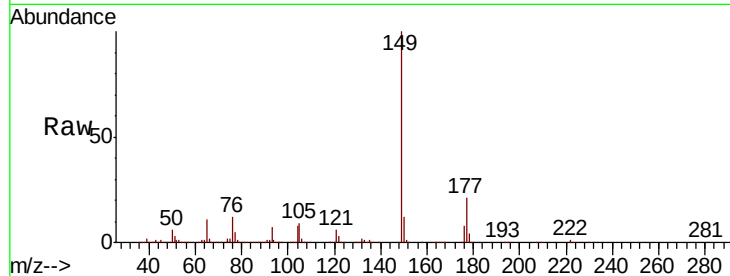
#59
Diethylphthalate
Concen: 40.520 ng/ul
RT: 15.00 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.2	25.8
150	12.4	10.0	15.0

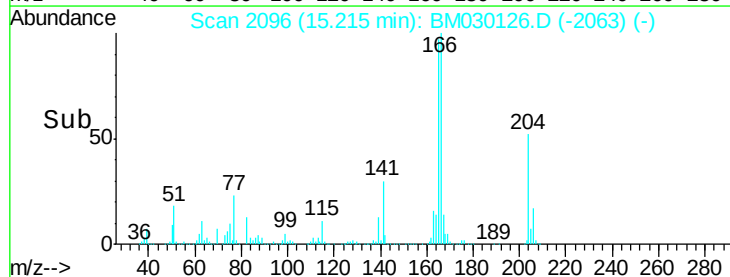
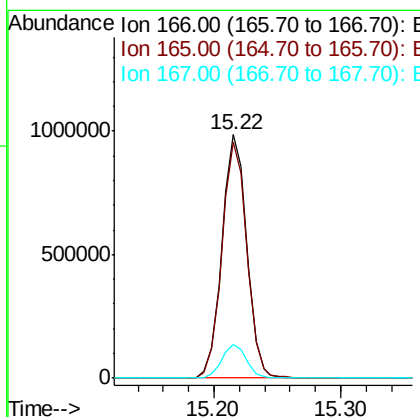
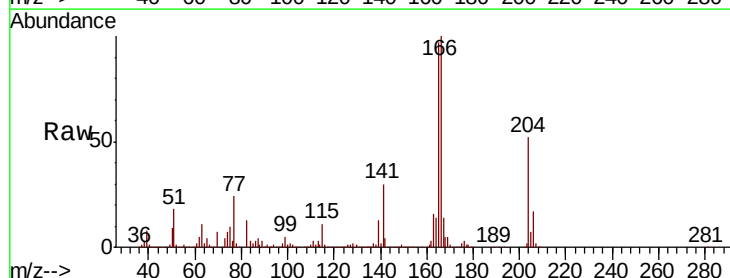
Manual Integrations
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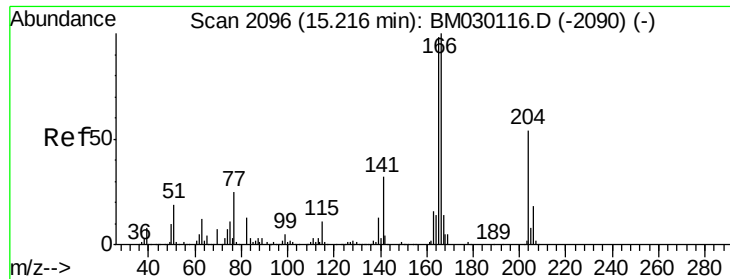
mohammad
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#61
Fluorene
Concen: 40.191 ng/ul
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.4	117.6
167	13.6	10.9	16.3





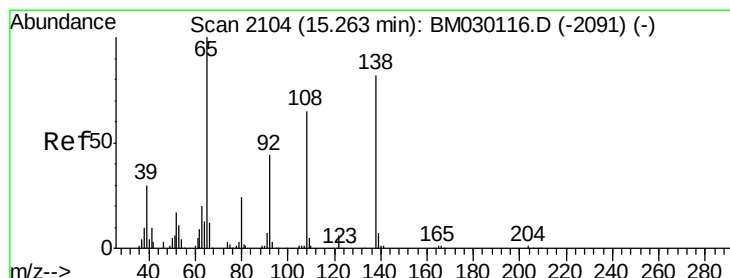
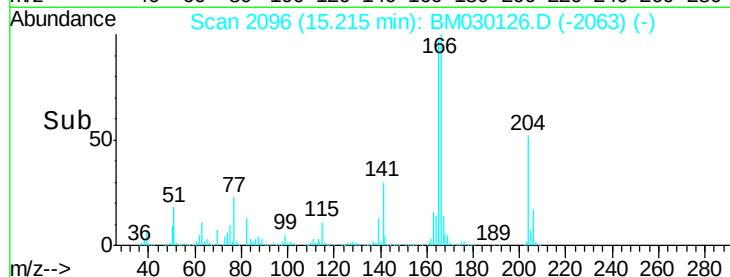
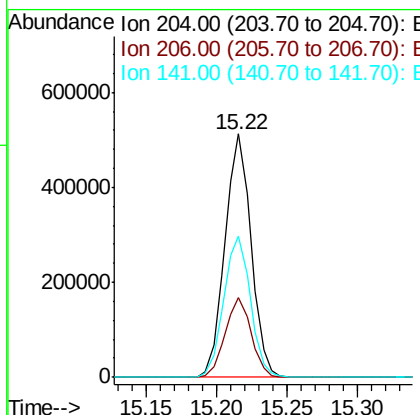
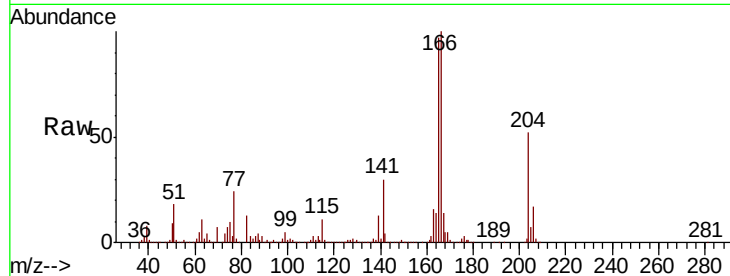
#62
 4-Chlorophenyl-phenylether
 Concen: 40.629 ng/ul
 RT: 15.22 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Instrument :
 BNA_M
 ClientSampleId :
 GB408MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	661330		
206	32.6	26.2	39.2	
141	58.2	47.2	70.8	

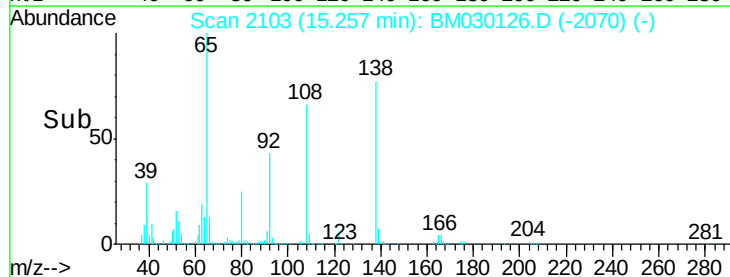
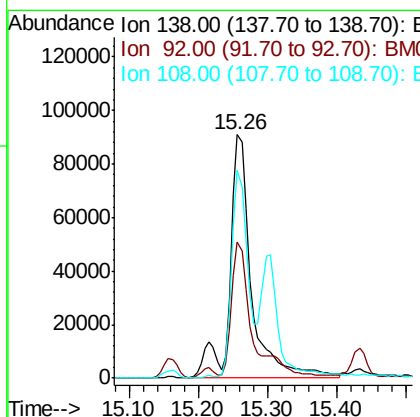
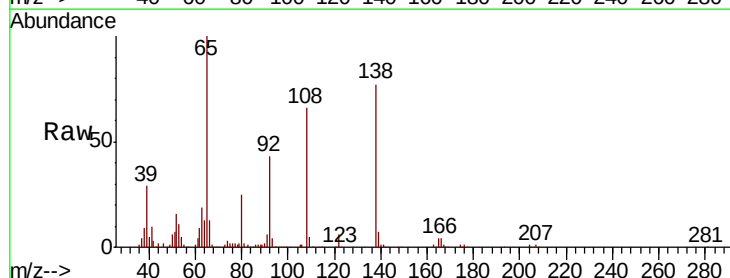
Manual Integrations
 APPROVED

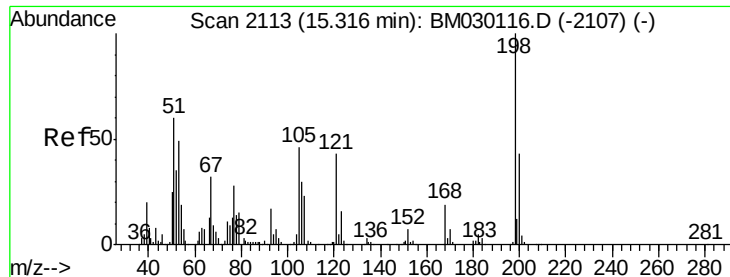
mohammad
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#63
 4-Nitroaniline
 Concen: 30.534 ng/ul m
 RT: 15.26 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	199619		
92	55.7	44.8	67.2	
108	85.4	65.3	97.9	





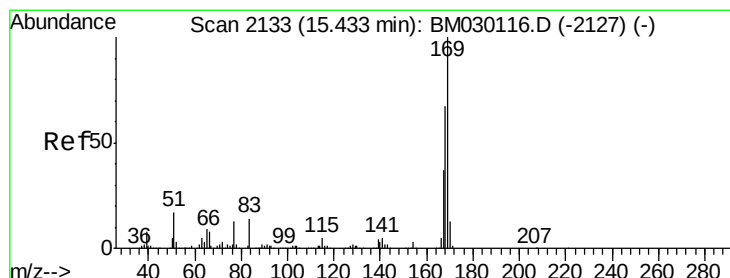
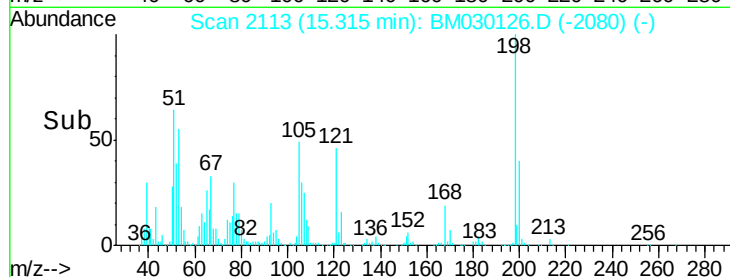
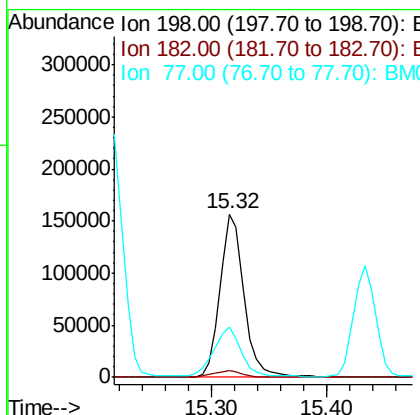
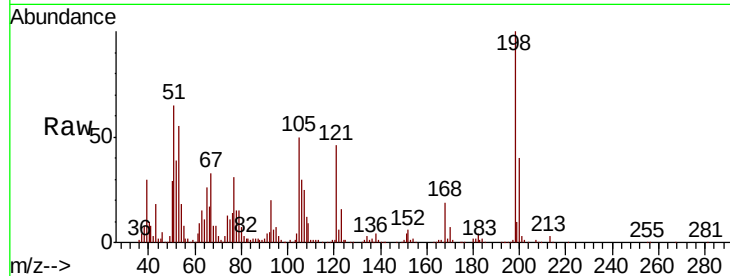
#66
 4,6-Dinitro-2-methylphenol
 Concen: 45.725 ng/ul
 RT: 15.32 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Instrument :
 BNA_M
 ClientSampleId :
 GB408MS

Tot Ion	Ratio	Lower	Upper
198	100		
182	4.3	4.3	6.5#
77	30.5	23.0	34.4

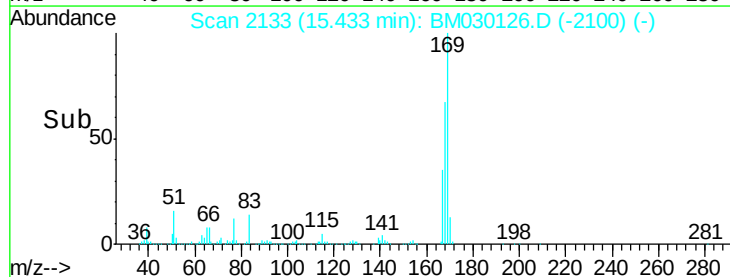
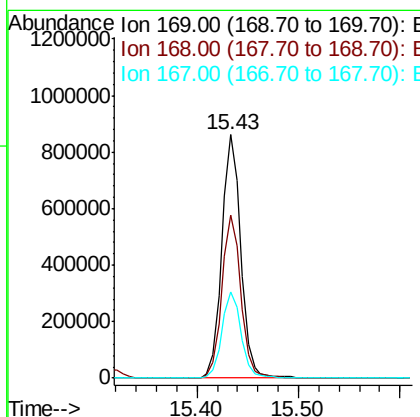
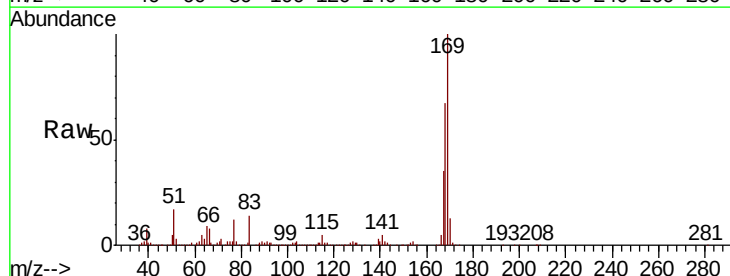
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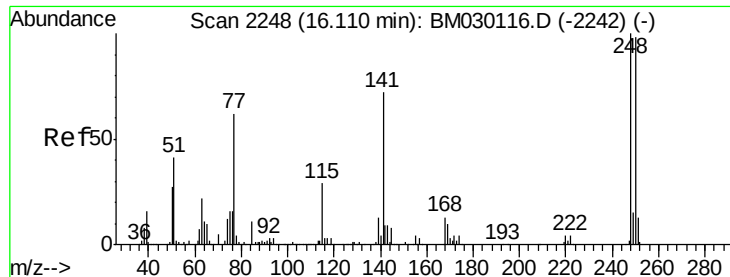
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#67
 N-Nitrosodiphenylamine
 Concen: 44.438 ng/ul
 RT: 15.43 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.0	79.4
167	35.4	27.8	41.6





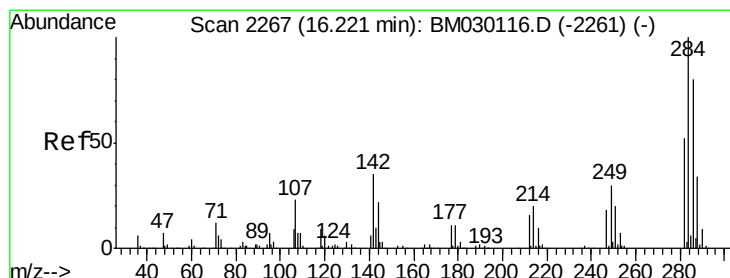
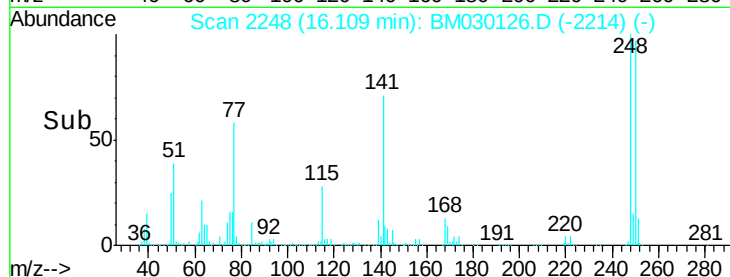
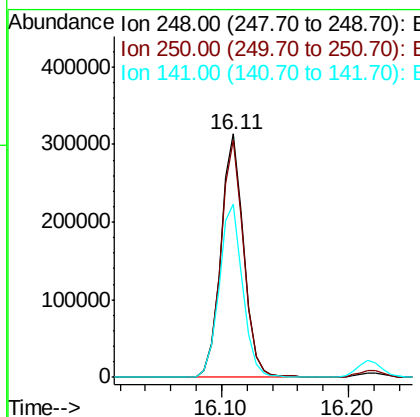
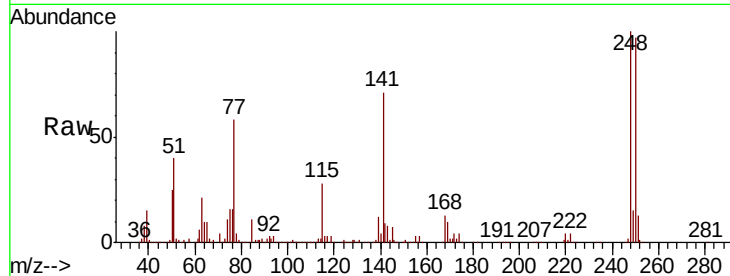
#68
4-Bromophenyl-phenylether
Concen: 45.366 ng/ul
RT: 16.11 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.5	116.3
141	70.9	55.1	82.7

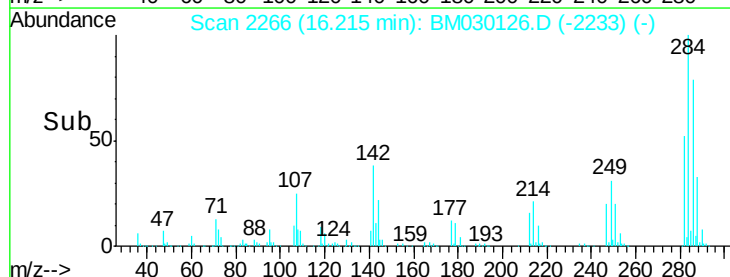
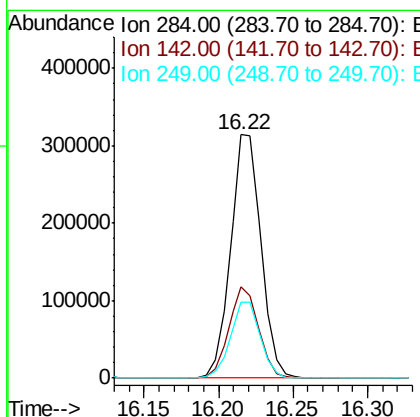
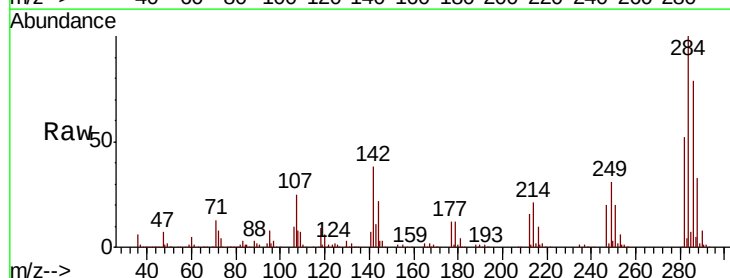
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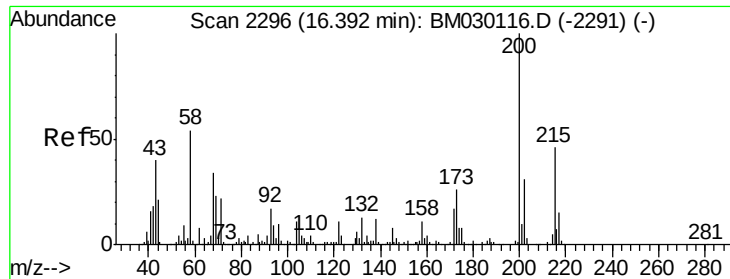
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#69
Hexachlorobenzene
Concen: 43.565 ng/ul
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	26.4	39.6
249	31.0	24.5	36.7





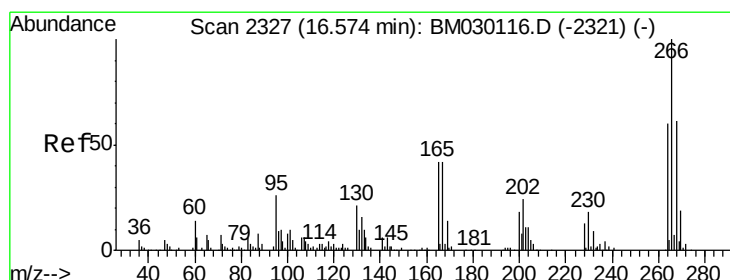
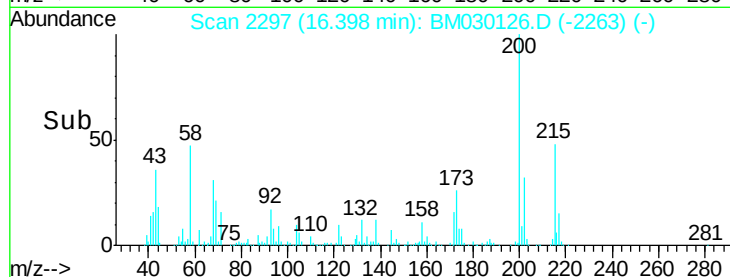
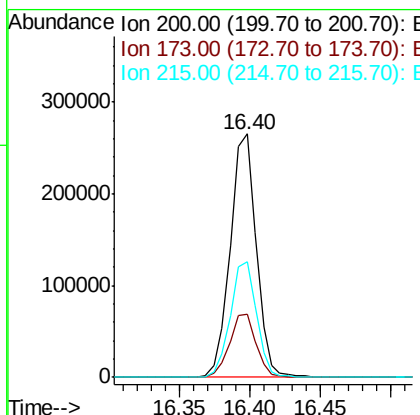
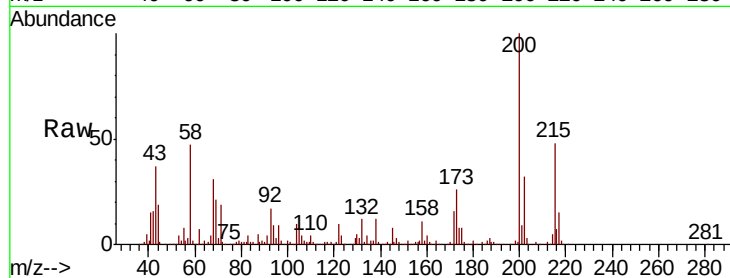
#70
Atrazine
Concen: 36.873 ng/ul
RT: 16.40 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	342431		
173	26.2	20.5	30.7	
215	47.7	38.2	57.2	

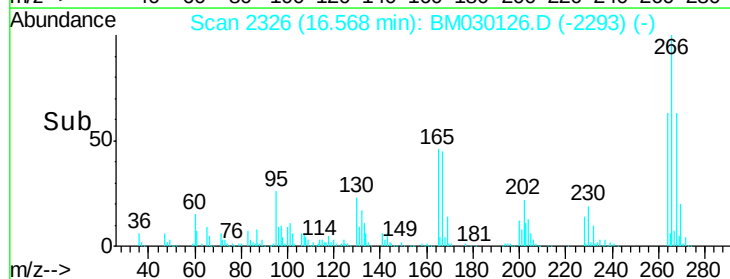
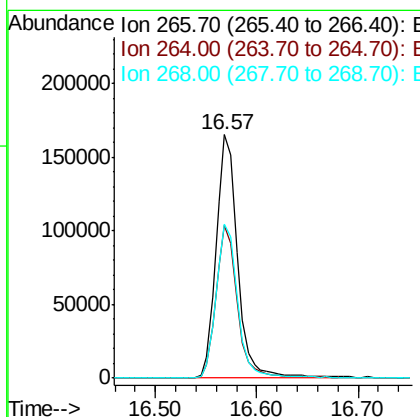
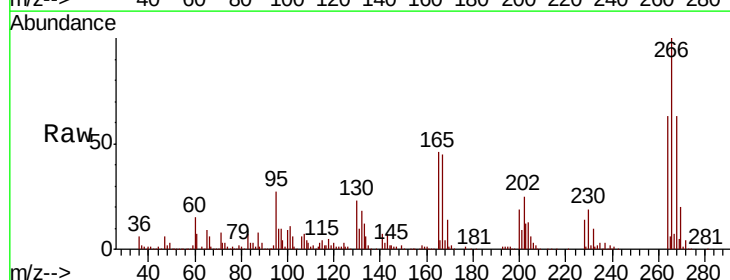
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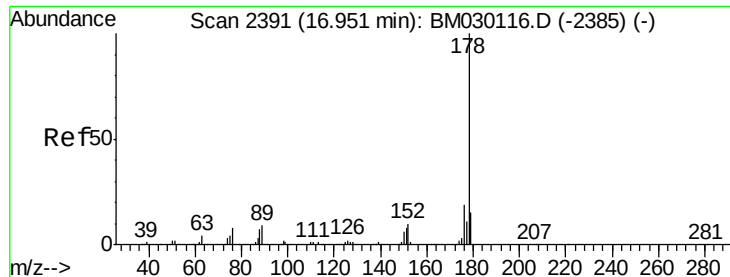
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#71
Pentachlorophenol
Concen: 41.475 ng/ul
RT: 16.57 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	243401		
264	62.7	49.8	74.8	
268	63.3	51.9	77.9	





#72

Phenanthrene

Concen: 42.378 ng/ul

RT: 16.95 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

ClientSampleId :

GB408MS

Tot Ion:178 Resp: 1936167

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

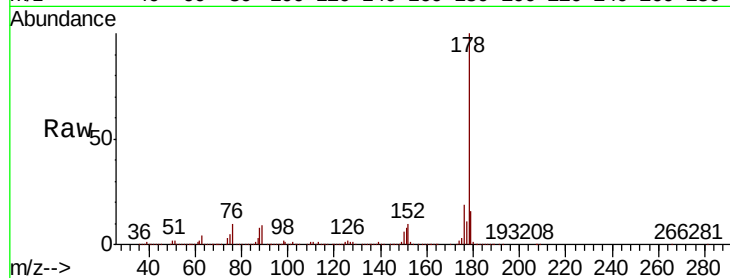
176 18.9 15.0 22.4

Manual Integrations

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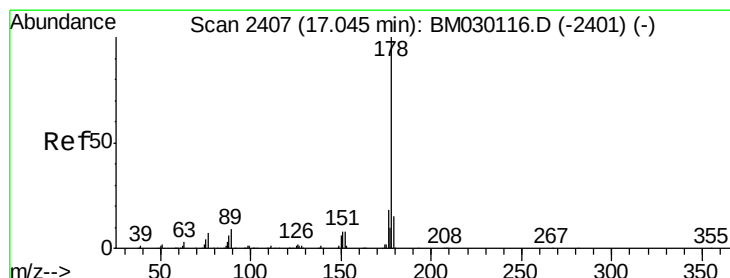
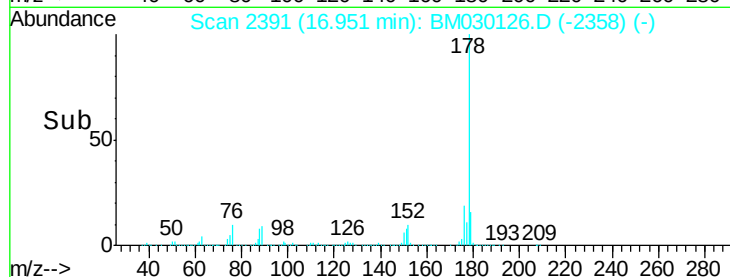
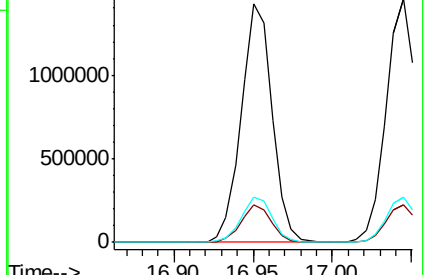
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Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Anthracene

Concen: 42.311 ng/ul

RT: 17.04 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

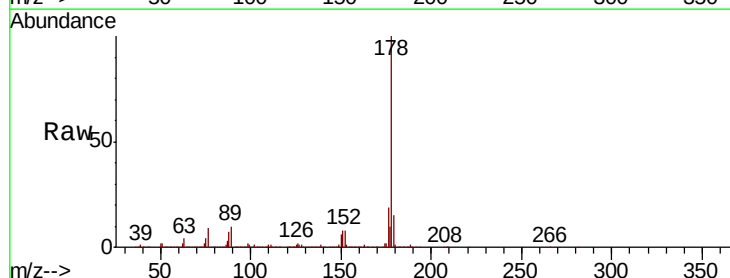
Tgt Ion:178 Resp: 1976325

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

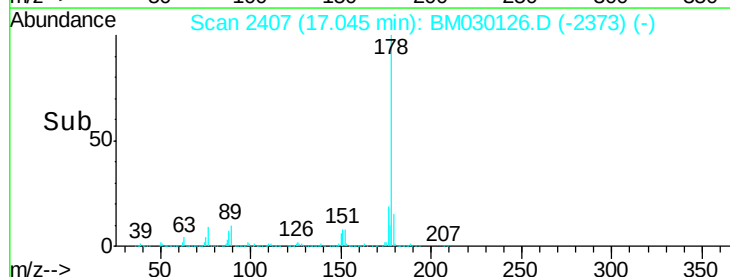
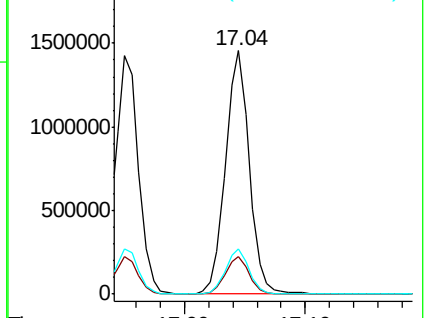
176 18.6 14.9 22.3

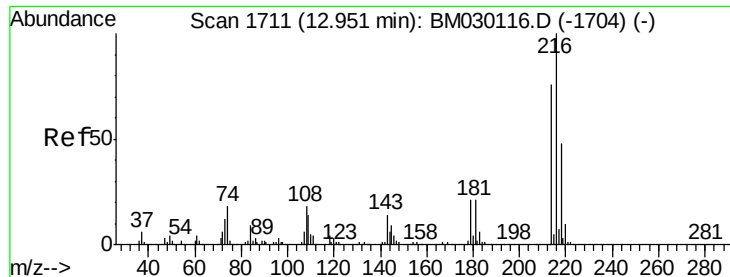


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.145 ng/uL

RT: 12.94 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

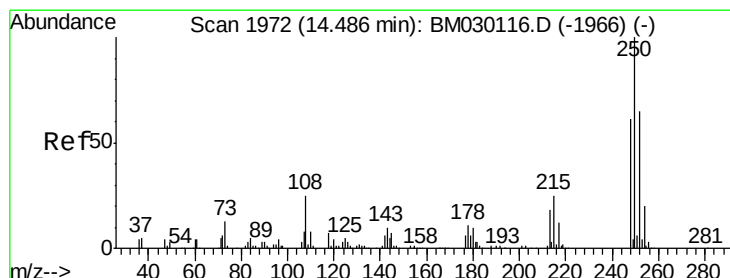
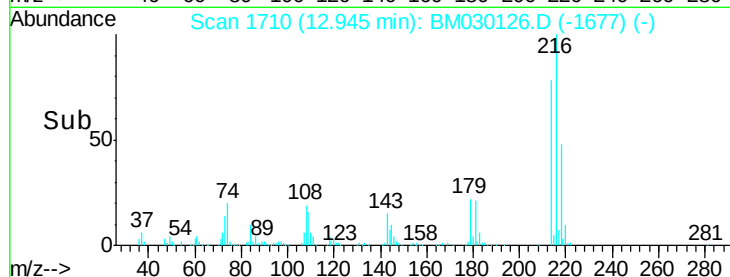
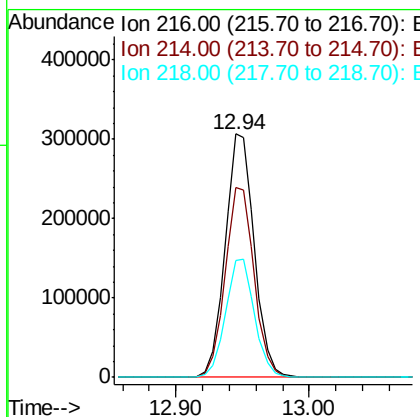
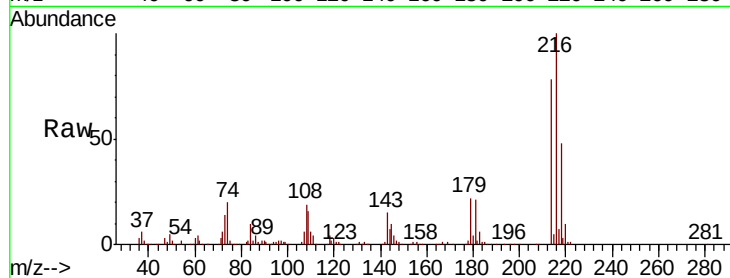
ClientSampleId :

GB408MS

Tot Ion:	216	Resp:	467528
Ion Ratio		Lower	Upper
216	100		
214	78.1	63.9	95.9
218	47.8	39.7	59.5

Manual Integrations
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#76

Pentachlorobenzene

Concen: 42.882 ng/uL

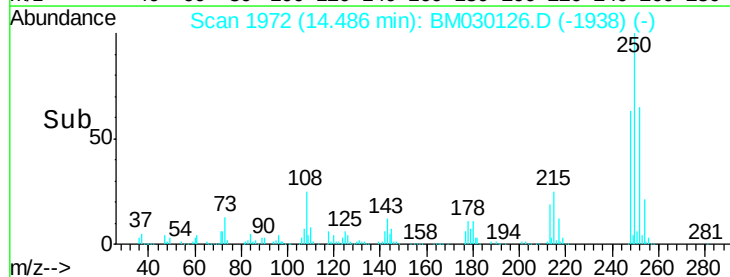
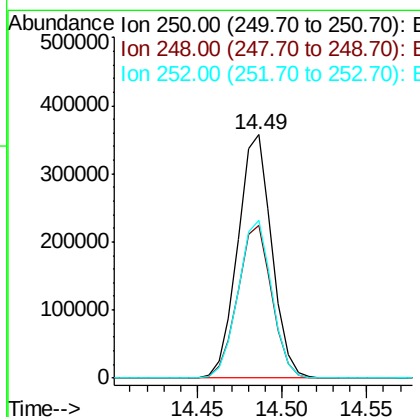
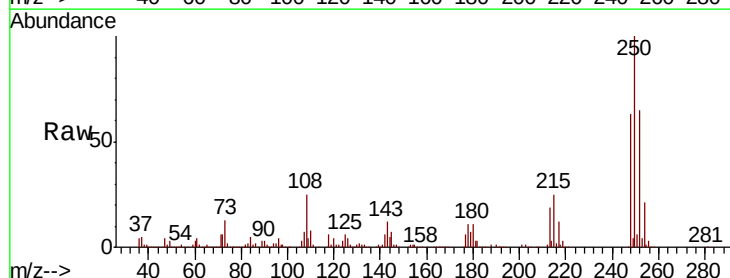
RT: 14.49 min Scan# 1972

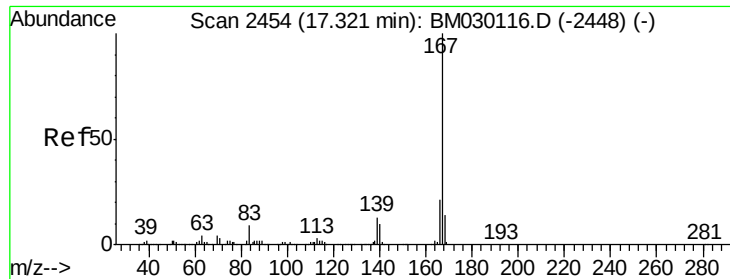
Delta R.T. -0.00 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	250	Resp:	501233
Ion Ratio		Lower	Upper
250	100		
248	62.9	51.3	76.9
252	64.6	51.5	77.3





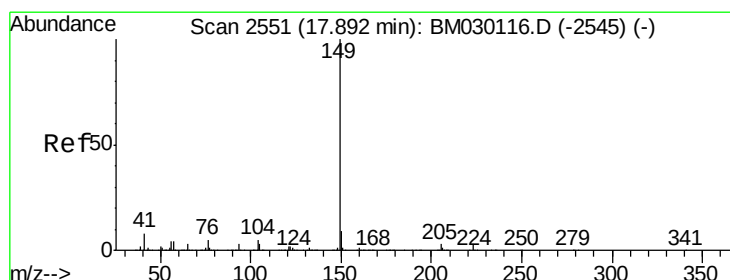
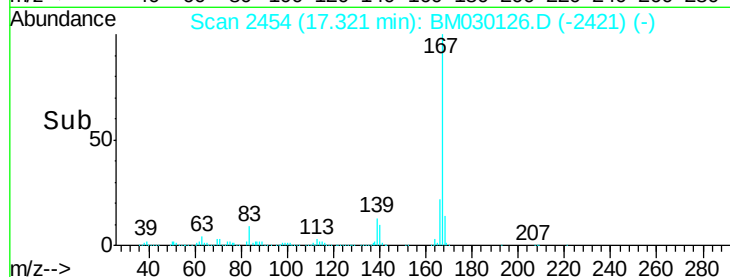
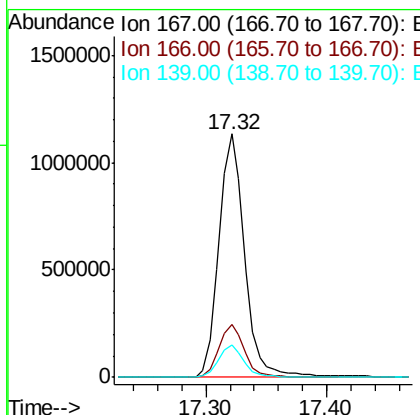
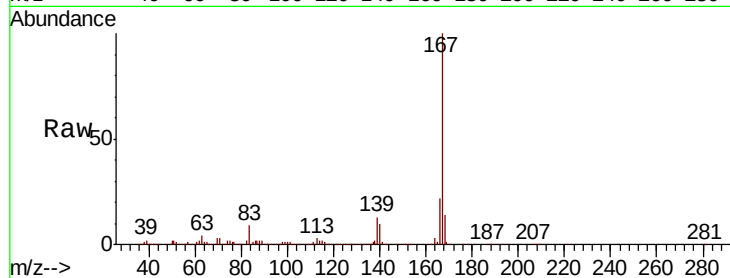
#77
 Carbazole
 Concen: 38.936 ng/ul
 RT: 17.32 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Instrument :
 BNA_M
 ClientSampleId :
 GB408MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.2	10.2	15.2

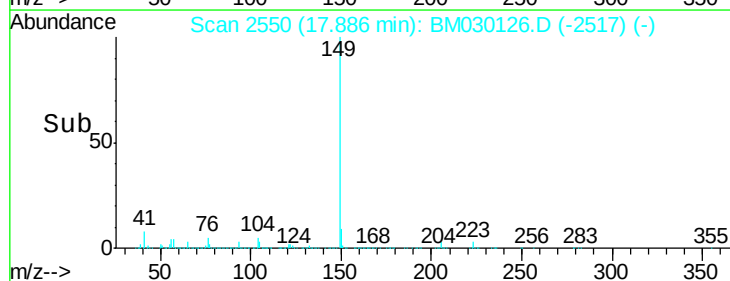
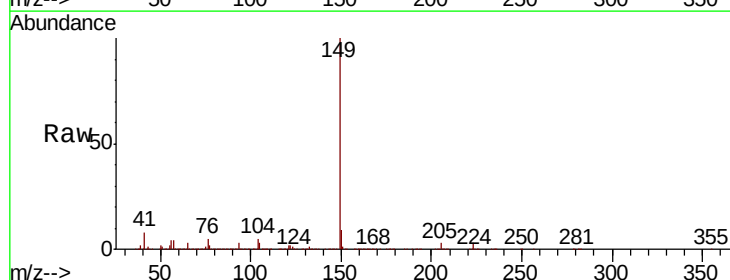
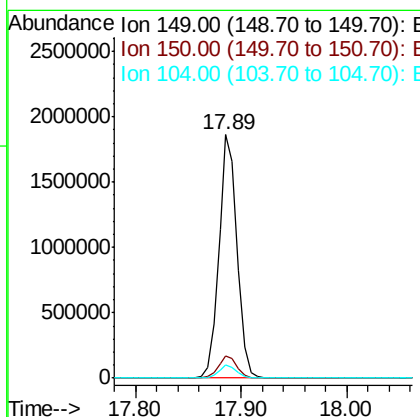
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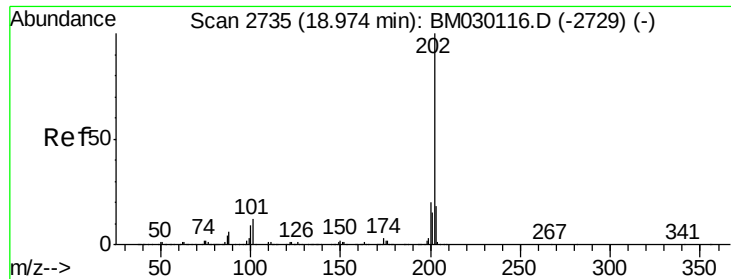
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#78
 Di-n-butylphthalate
 Concen: 43.964 ng/ul
 RT: 17.89 min Scan# 2550
 Delta R.T. -0.01 min
 Lab File: BM030126.D
 Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	4.2	6.2





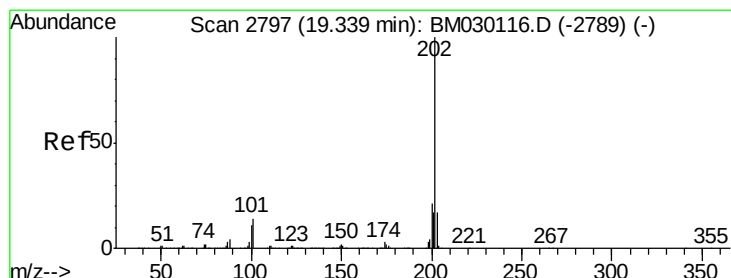
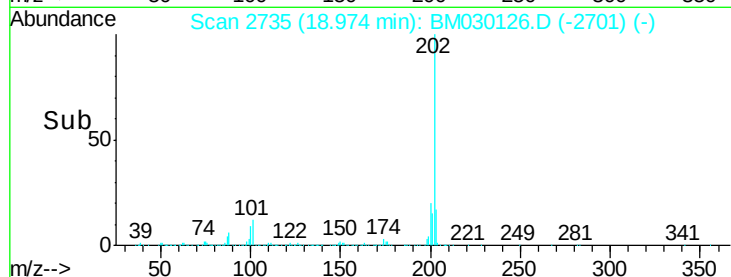
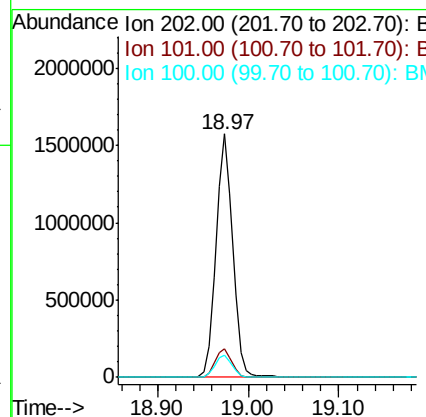
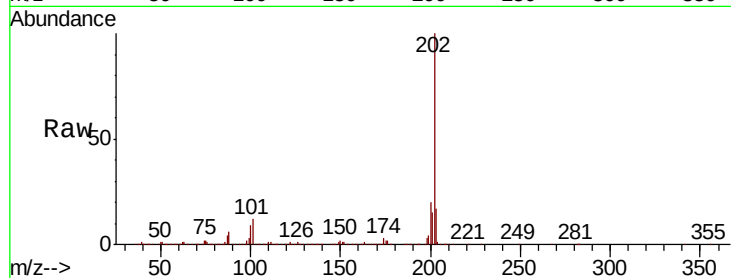
#80
Fluoranthene
Concen: 50.088 ng/ul
RT: 18.97 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.0	13.4
100	9.3	7.0	10.6

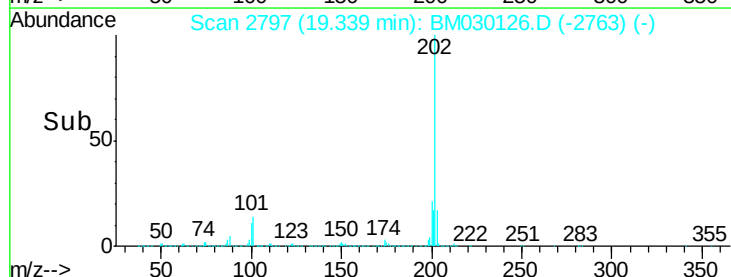
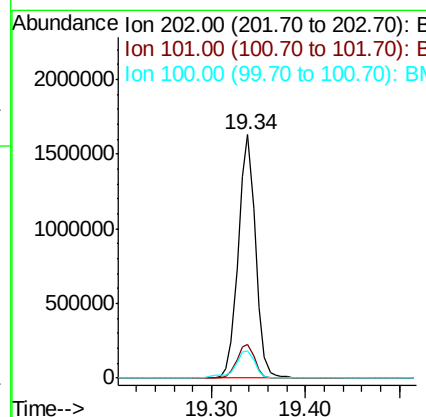
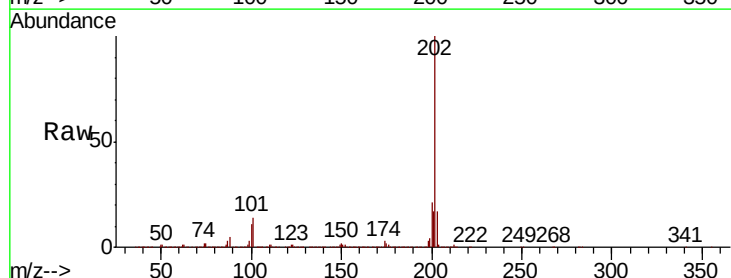
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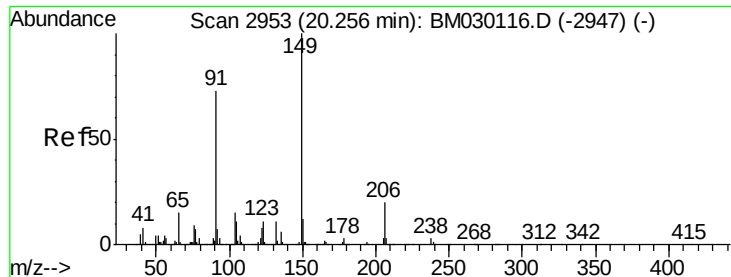
mohammad
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#82
Pyrene
Concen: 48.857 ng/ul
RT: 19.34 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.8	17.6
100	11.5	9.2	13.8





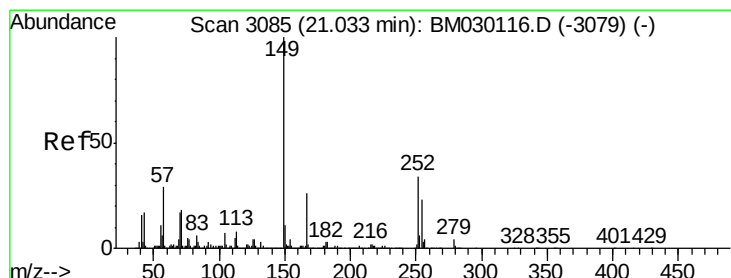
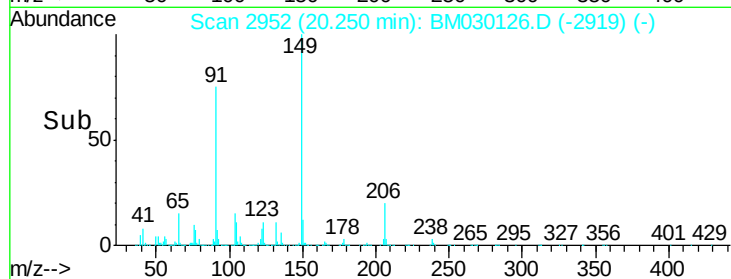
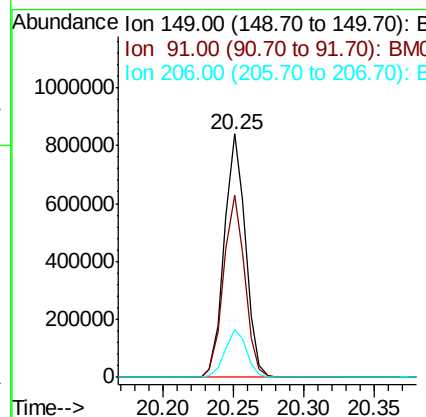
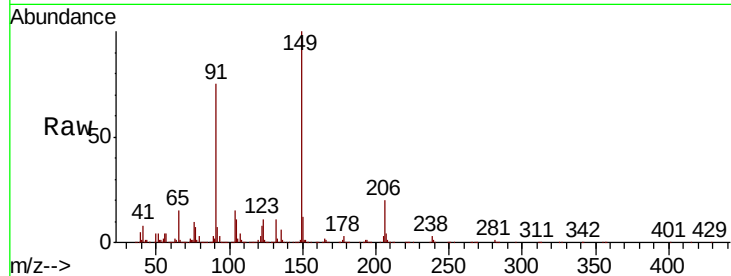
#83
Butylbenzylphthalate
Concen: 58.174 ng/ul
RT: 20.25 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.7	60.6	91.0
206	19.7	15.4	23.0

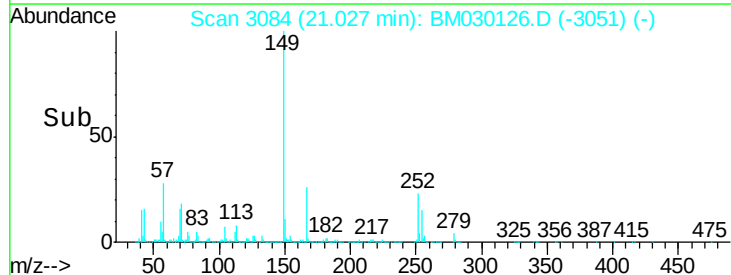
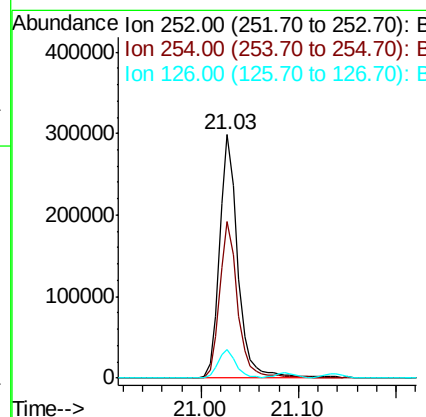
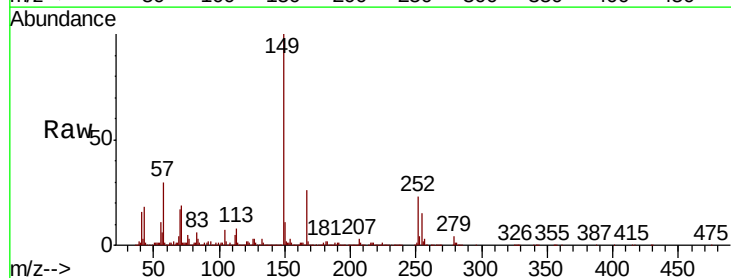
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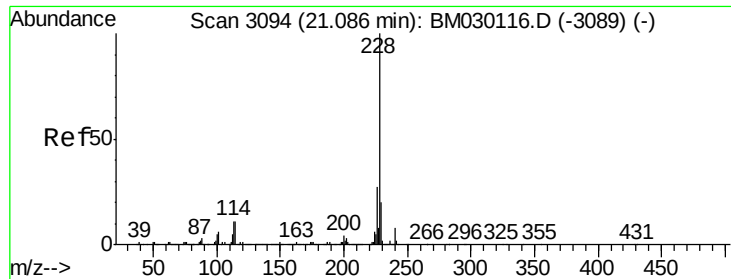
mohammad
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#84
3,3'-Dichlorobenzidine
Concen: 26.564 ng/ul
RT: 21.03 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.0	76.6
126	11.6	9.4	14.0





#85

Benzo(a)anthracene

Concen: 43.399 ng/ul

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

ClientSampleId :

GB408MS

Tot Ion:228 Resp: 1825878

Ion Ratio Lower Upper

228 100

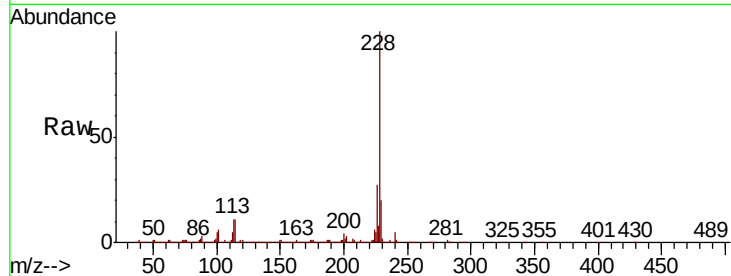
229 19.7 15.9 23.9

226 27.1 21.4 32.0

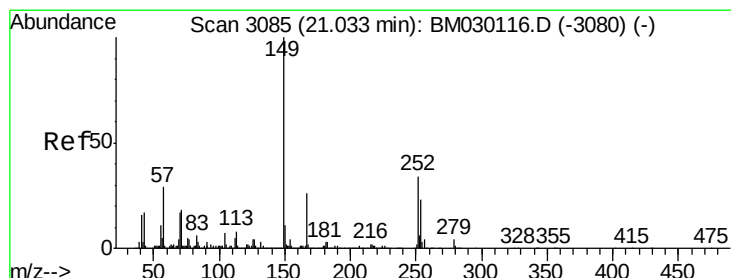
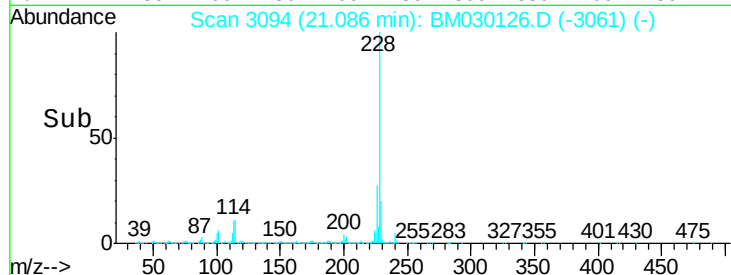
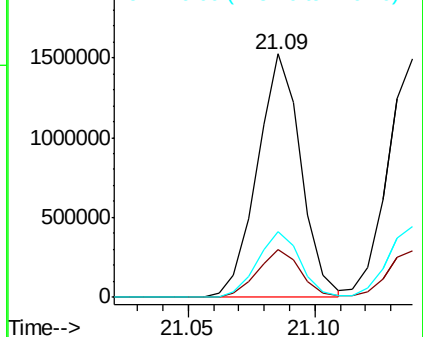
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 52.295 ng/ul

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

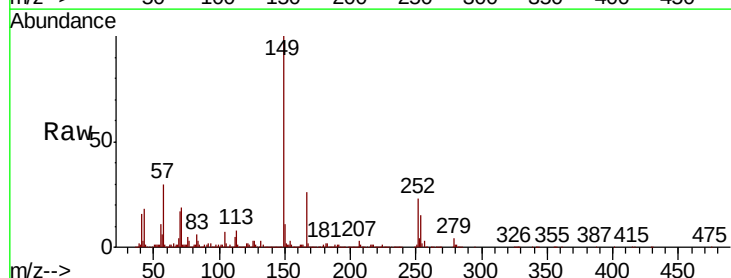
Tgt Ion:149 Resp: 1357623

Ion Ratio Lower Upper

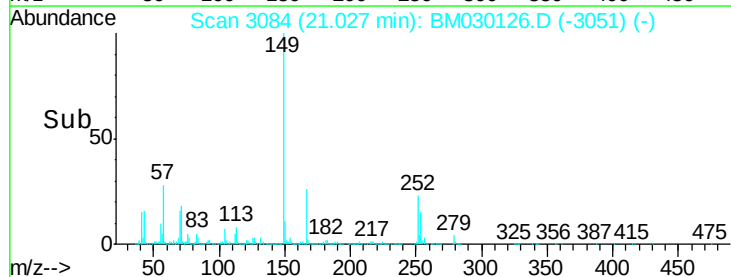
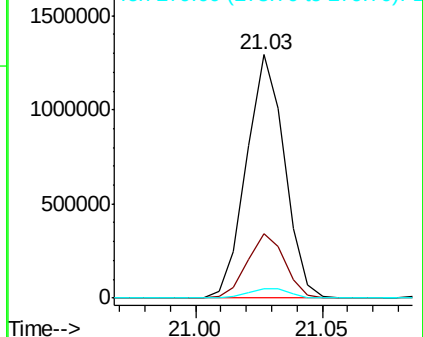
149 100

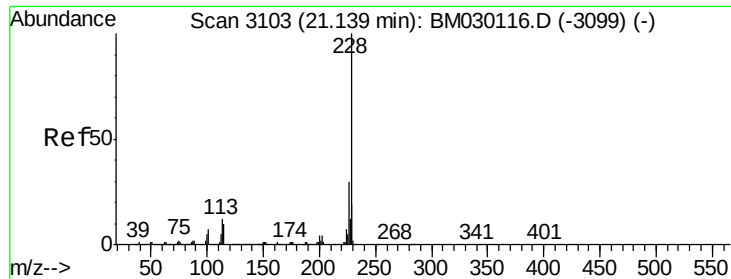
167 26.3 21.1 31.7

279 4.1 3.5 5.3



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





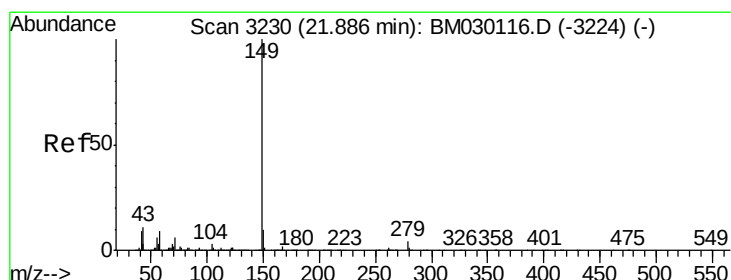
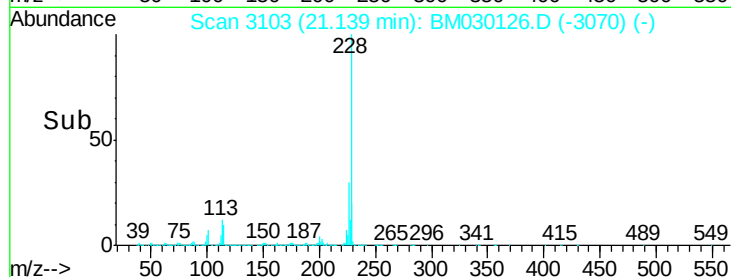
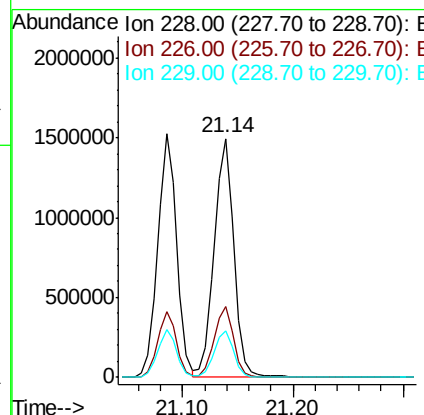
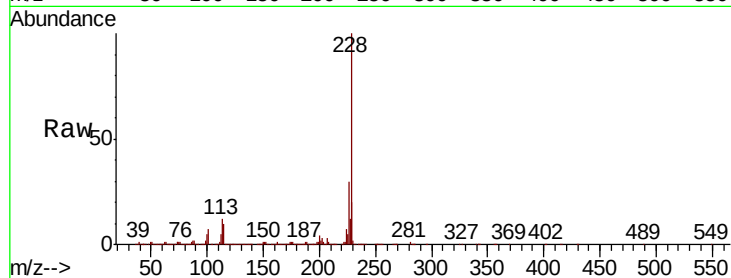
#87
Chrysene
Concen: 43.110 ng/ul
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion:228 Resp: 1806438
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 19.6 15.6 23.4

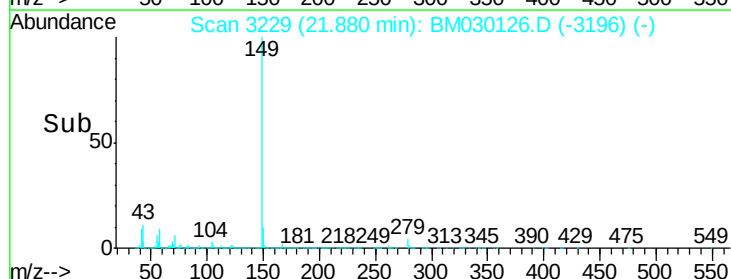
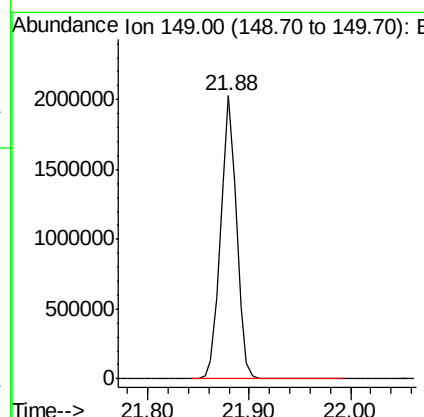
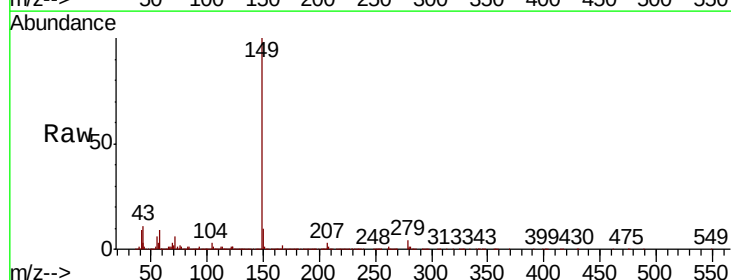
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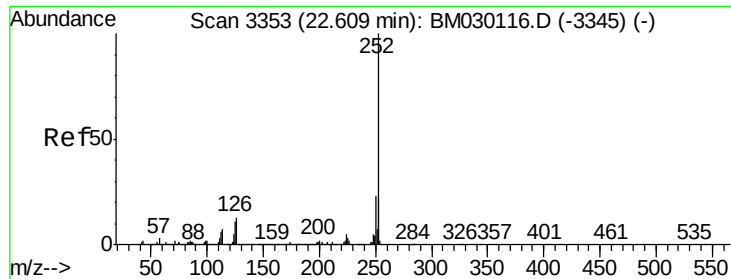
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#89
Di-n-octyl phthalate
Concen: 47.468 ng/ul
RT: 21.88 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion:149 Resp: 2197937





#90

Benzo(b)fluoranthene

Concen: 46.413 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

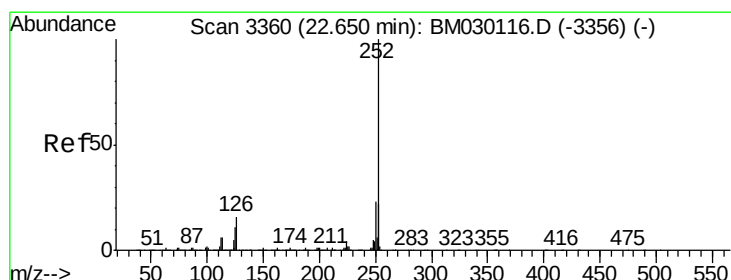
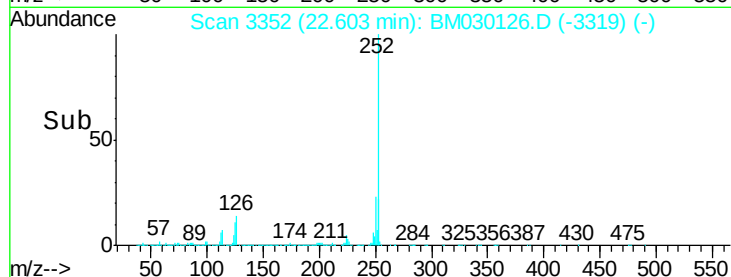
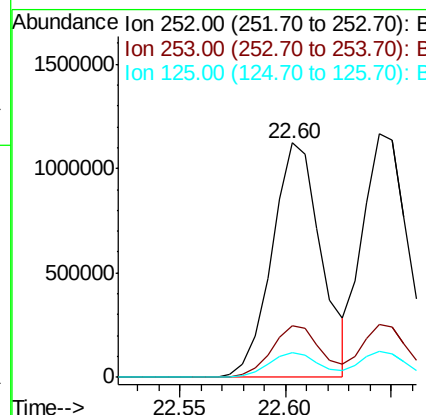
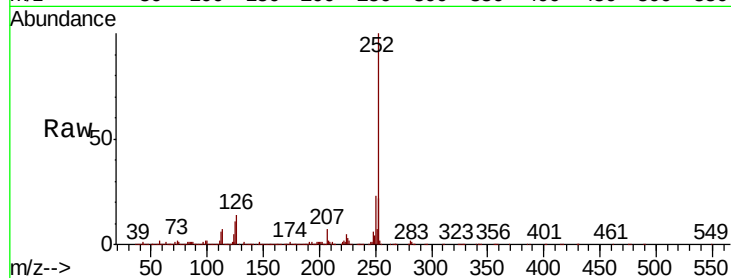
ClientSampleId :

GB408MS

Tot Ion:	252	Resp:	1821681
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	10.6	8.6	12.8

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#91

Benzo(k)fluoranthene

Concen: 42.852 ng/ul

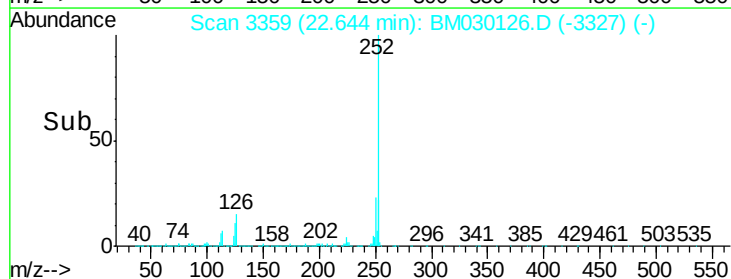
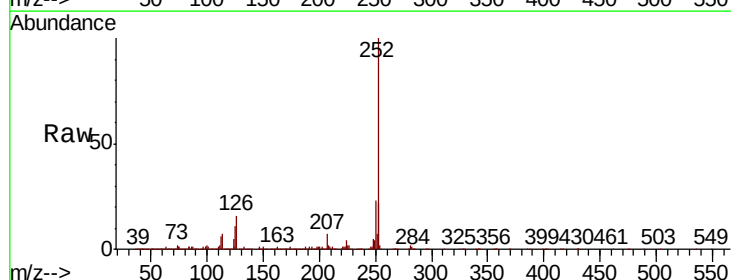
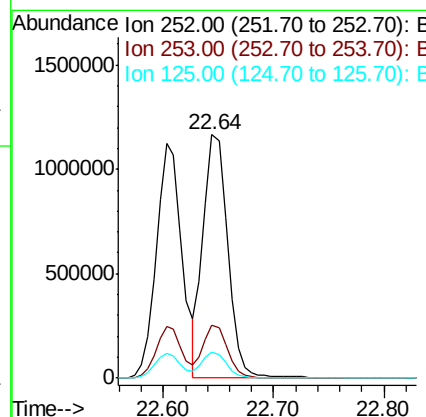
RT: 22.64 min Scan# 3359

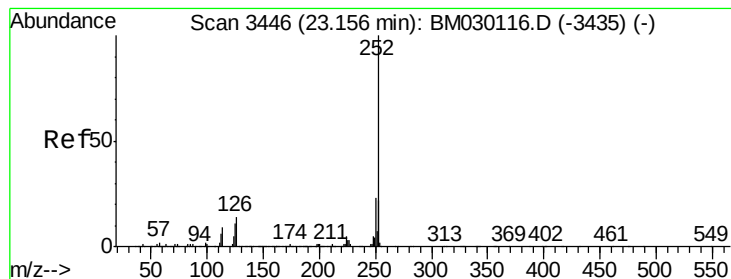
Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	252	Resp:	1768234
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	10.9	8.4	12.6





#93

Benzo(a)pyrene

Concen: 44.097 ng/ul

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Instrument :

BNA_M

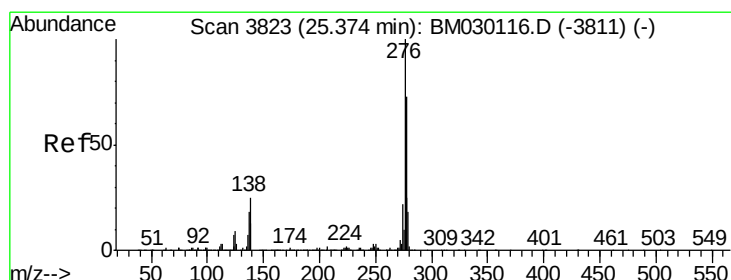
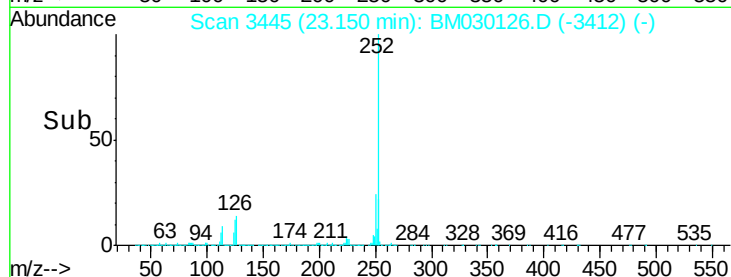
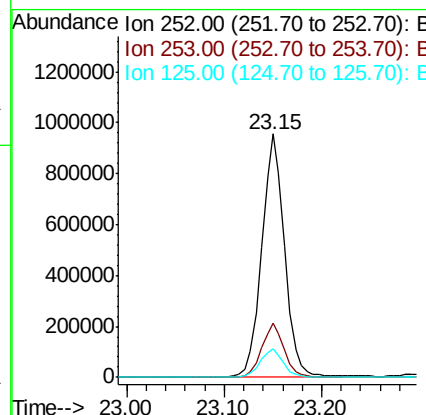
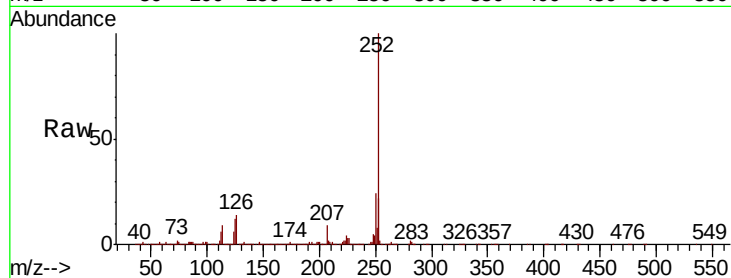
ClientSampleId :

GB408MS

Tot Ion:	252	Resp:	1571882
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.6	9.6	14.4

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#94

Indeno(1,2,3-cd)pyrene

Concen: 47.314 ng/ul

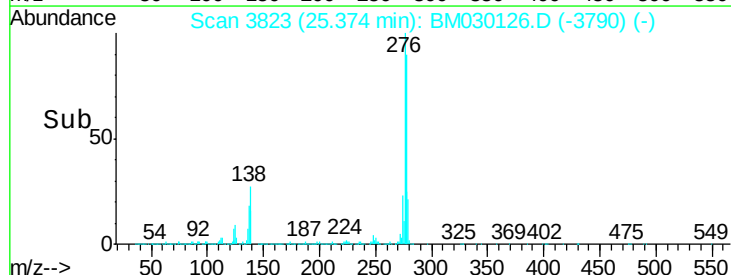
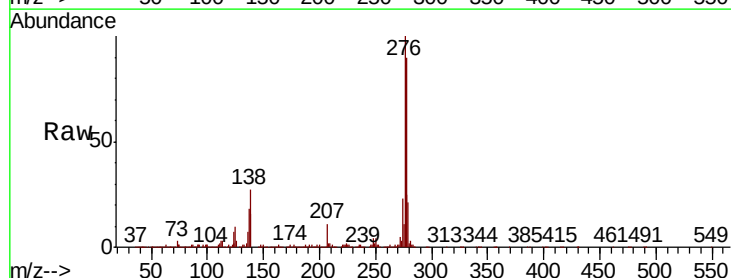
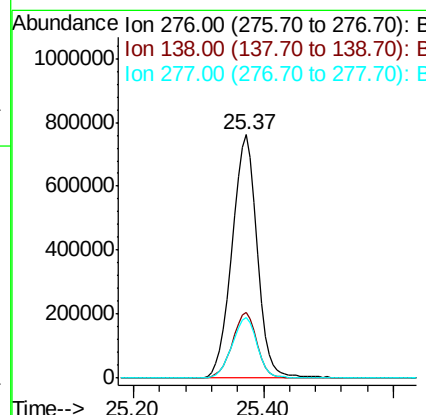
RT: 25.37 min Scan# 3823

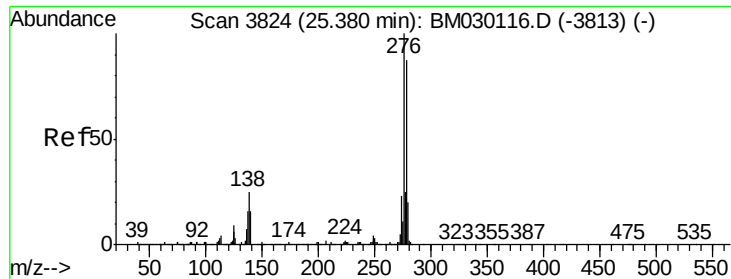
Delta R.T. -0.01 min

Lab File: BM030126.D

Acq: 21 May 2021 23:19

Tgt Ion:	276	Resp:	2041357
Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.1	31.7
277	24.9	20.3	30.5





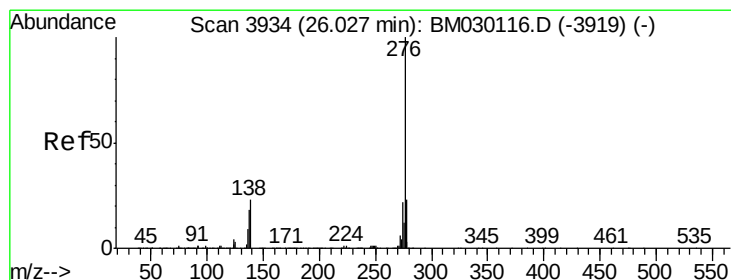
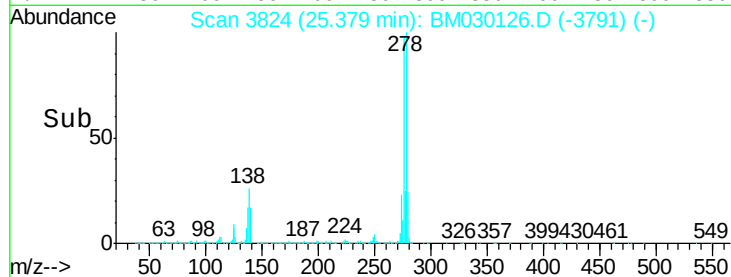
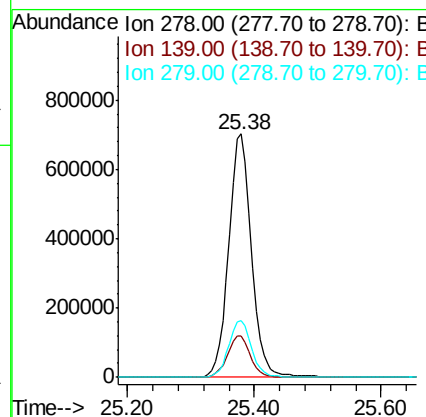
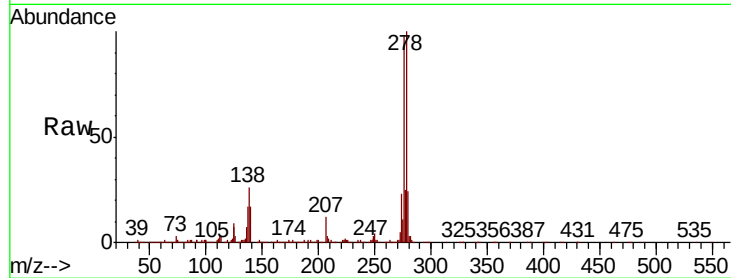
#95
Dibenzo(a,h)anthracene
Concen: 47.420 ng/ul
RT: 25.38 min Scan# 3824
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Instrument :
BNA_M
ClientSampleId :
GB408MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.5	20.3
279	23.6	18.6	28.0

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#96
Benzo(g,h,i)perylene
Concen: 47.335 ng/ul
RT: 26.02 min Scan# 3933
Delta R.T. -0.01 min
Lab File: BM030126.D
Acq: 21 May 2021 23:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.8	26.8
277	23.5	18.5	27.7

