

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024687.D
 Acq On : 31 Jan 2020 22:10
 Operator : CG/JU
 Sample : L1004-18MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MS

Manual Integrations
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 2/3/2020 4:11:15 PM

Quant Time: Feb 01 02:29:23 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	7.43	152	202903	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	726007	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	496887	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1161749	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1261719	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1454407	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1464310	137.25	ng	-0.01
7) Phenol-d6	6.63	99	1737922	118.25	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1179521	79.68	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	1238627	153.25	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	3363895	92.04	ng	-0.02
79) Terphenyl-d14	19.49	244	6648651	98.38	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.08	88	165164	39.134	ng	# 59
3) Pyridine	3.45	79	363997	29.751	ng	93
4) n-Nitrosodimethylamine	3.36	42	193760	35.679	ng	86
6) Aniline	6.77	93	214806	12.006	ng	95
8) 2-Chlorophenol	7.00	128	588021	48.414	ng	92
9) Benzaldehyde	6.57	77	248852	28.655	ng	93
10) Phenol	6.65	94	656806	44.831	ng	96
11) bis(2-Chloroethyl)ether	6.87	93	479708	40.900	ng	94
12) 1,3-Dichlorobenzene	7.32	146	646910	43.356	ng	96
13) 1,4-Dichlorobenzene	7.46	146	660890	43.660	ng	97
14) 1,2-Dichlorobenzene	7.77	146	629446	43.079	ng	98
15) Benzyl Alcohol	7.67	79	487380	40.220	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.96	45	353714	32.943	ng	95
17) 2-Methylphenol	7.88	107	454650	44.037	ng	96
18) Hexachloroethane	8.49	117	224987	38.491	ng	90
19) n-Nitroso-di-n-propylamine	8.23	70	383185	34.724	ng	95
20) 3+4-Methylphenols	8.20	107	615535	43.070	ng	97
22) Acetophenone	8.24	105	795257	42.481	ng	96
24) Nitrobenzene	8.60	77	584028	41.168	ng	93
25) Isophorone	9.13	82	1064357	42.314	ng	97
26) 2-Nitrophenol	9.31	139	335827	51.123	ng	90
27) 2,4-Dimethylphenol	9.39	122	510578	57.197	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	651254	42.382	ng	99
29) 2,4-Dichlorophenol	9.85	162	634700	52.627	ng	98
30) 1,2,4-Trichlorobenzene	10.05	180	701637	48.238	ng	96
31) Naphthalene	10.23	128	1695232	46.231	ng	99
32) Benzoic acid	9.55	122	371444m	45.488	ng	
33) 4-Chloroaniline	10.36	127	61701	3.839	ng	94
34) Hexachlorobutadiene	10.53	225	461542	45.902	ng	99
35) Caprolactam	11.13	113	155927m	40.299	ng	
36) 4-Chloro-3-methylphenol	11.49	107	591123	46.095	ng	91
37) 2-Methylnaphthalene	11.86	142	1335814	47.205	ng	99
38) 1-Methylnaphthalene	12.08	142	1267975	47.105	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	831170	46.869	ng	99

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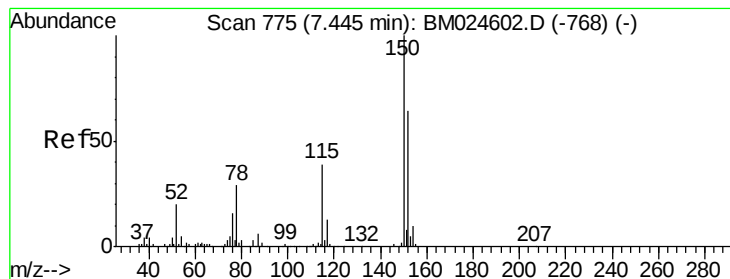
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	926825	93.240	nq	99
43) 2,4,6-Trichlorophenol	12.49	196	579518	51.353	nq	97
44) 2,4,5-Trichlorophenol	12.56	196	616548	53.496	nq	97
46) 1,1'-Biphenyl	12.90	154	1770860	47.093	nq	98
47) 2-Chloronaphthalene	12.93	162	1425032	46.942	nq	98
48) 2-Nitroaniline	13.15	65	339431	36.660	nq	85
49) Acenaphthylene	13.79	152	2233133	49.139	nq	100
50) Dimethylphthalate	13.55	163	1976665	49.196	nq	100
51) 2,6-Dinitrotoluene	13.66	165	429972	50.334	nq #	83
52) Acenaphthene	14.14	154	1336671	47.400	nq	99
53) 3-Nitroaniline	13.99	138	97899	11.049	nq	91
54) 2,4-Dinitrophenol	14.20	184	511846	100.198	nq #	85
55) Dibenzofuran	14.48	168	2258659	49.111	nq	96
56) 4-Nitrophenol	14.32	139	731133	105.567	nq	86
57) 2,4-Dinitrotoluene	14.46	165	593426	48.471	nq #	86
58) Fluorene	15.13	166	1843189	47.690	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.72	232	607777	52.002	nq	94
60) Diethylphthalate	14.93	149	1874192	45.946	nq	99
61) 4-Chlorophenyl-phenylether	15.14	204	1035761	46.483	nq	98
62) 4-Nitroaniline	15.16	138	367534	37.581	nq	91
63) Azobenzene	15.43	77	1411166	40.557	nq	94
65) 4,6-Dinitro-2-methylphenol	15.22	198	373644	54.700	nq	88
66) n-Nitrosodiphenylamine	15.36	169	1657523	49.669	nq	100
67) 4-Bromophenyl-phenylether	16.03	248	705430	48.828	nq	95
68) Hexachlorobenzene	16.14	284	815302	49.177	nq	96
69) Atrazine	16.33	200	679502	53.047	nq	98
70) Pentachlorophenol	16.49	266	1097234	108.653	nq	98
71) Phenanthrene	16.87	178	3067004	48.752	nq	99
72) Anthracene	16.96	178	3128834	50.829	nq	100
73) Carbazole	17.23	167	2794088	49.861	nq	99
74) Di-n-butylphthalate	17.83	149	3299297	46.055	nq	99
75) Fluoranthene	18.90	202	3931635	50.072	nq	99
77) Benzidine	19.09	184	1153754	39.265	nq	99
78) Pyrene	19.26	202	4042615	48.602	nq	100
80) Butylbenzylphthalate	20.20	149	1544375	44.249	nq	89
81) Benzo(a)anthracene	21.03	228	4209277	48.067	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	692081	21.970	nq	99
83) Chrysene	21.07	228	4036192	48.303	nq	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2265823	43.998	nq	97
85) Di-n-octyl phthalate	21.84	149	3937063	46.274	nq #	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	5193543	57.025	nq	99
88) Benzo(b)fluoranthene	22.53	252	4551180	48.248	nq	99
89) Benzo(k)fluoranthene	22.57	252	4411191	47.909	nq	99
90) Benzo(a)pyrene	23.06	252	4060943	47.351	nq	100
91) Dibenzo(a,h)anthracene	25.23	278	4405520	54.122	nq	99
92) Benzo(g,h,i)perylene	25.84	276	4331967	58.609	nq	98

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



#1

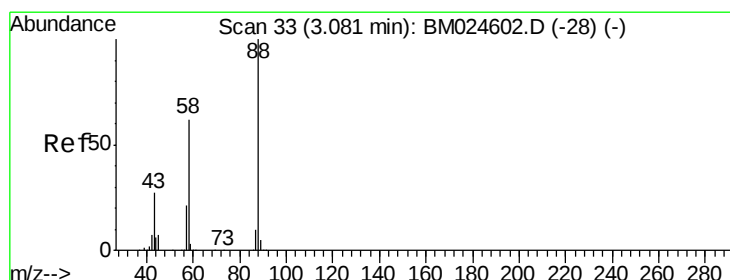
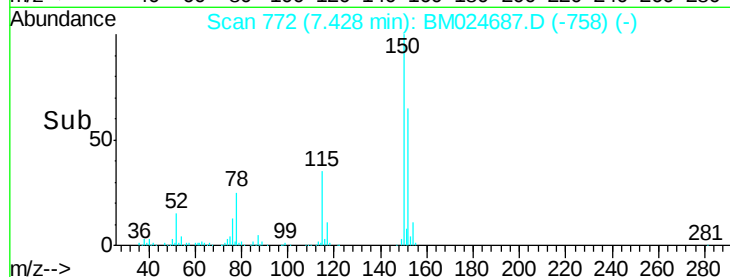
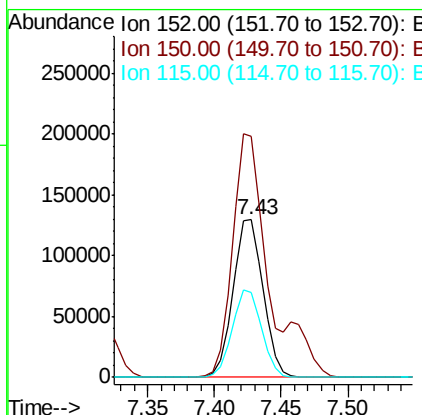
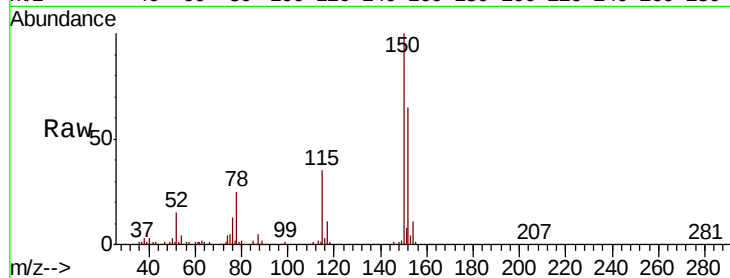
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
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ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.2	186.4
115	54.3	48.6	72.8

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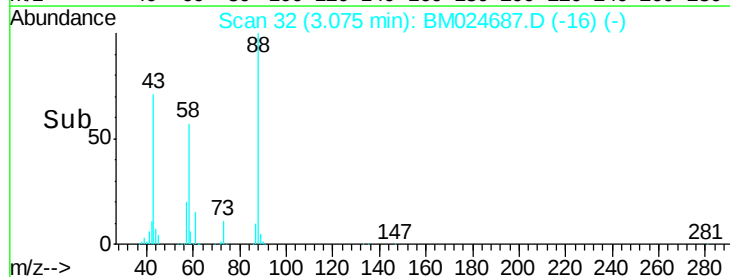
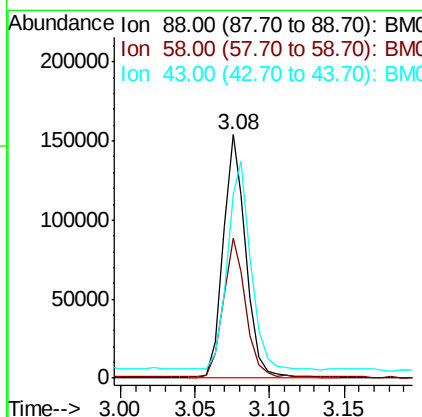
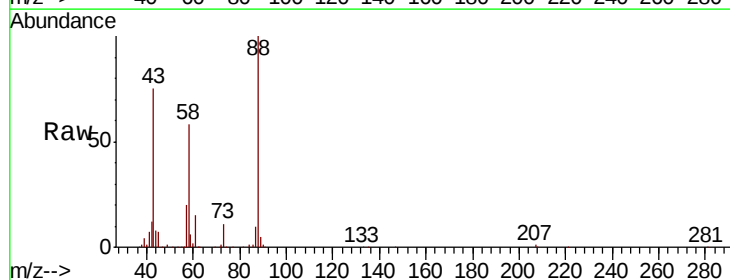
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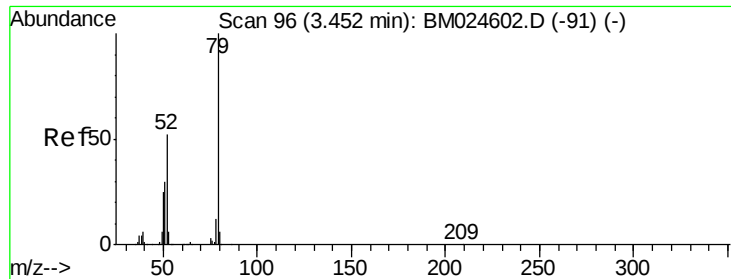


#2

1,4-Dioxane
Concen: 39.134 ng
RT: 3.08 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.7	50.0	75.0
43	87.4	21.6	32.4





#3

Pvridine

Concen: 29.751 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

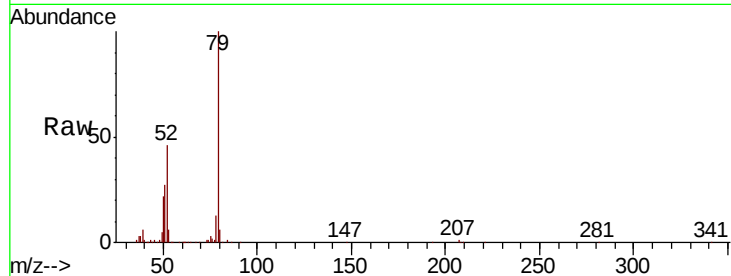
ClientSampleId :

BU-01-012920MS

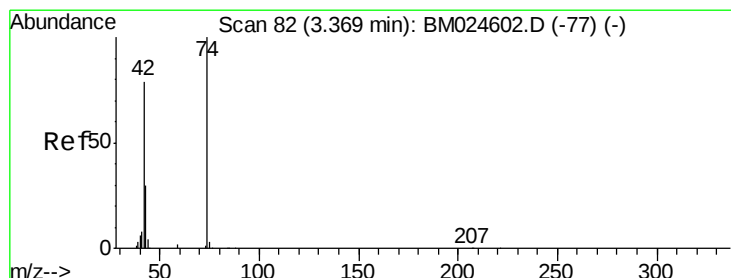
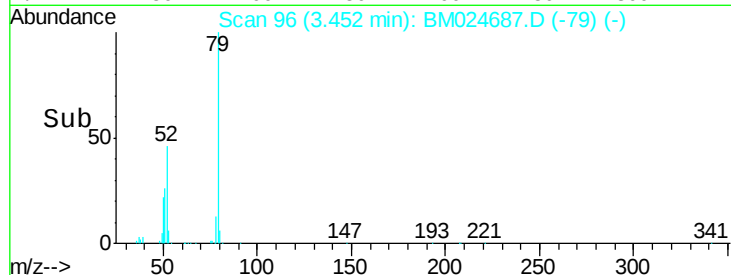
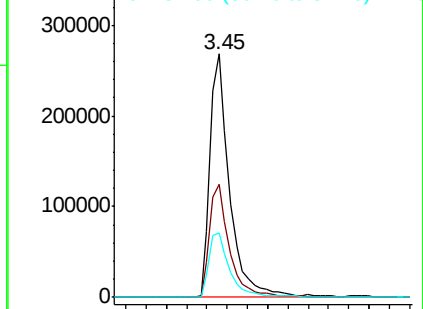
Tot Ion:	79	Resp:	363997
Ion Ratio	Lower	Upper	
79	100		
52	46.2	41.4	62.2
51	26.7	23.8	35.8

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Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 35.679 ng

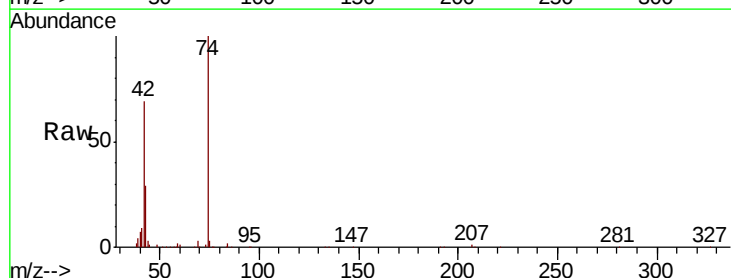
RT: 3.36 min Scan# 80

Delta R.T. -0.01 min

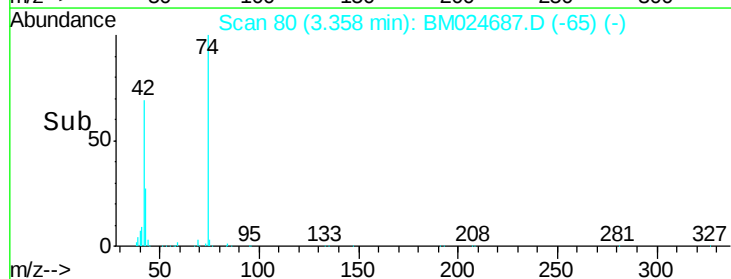
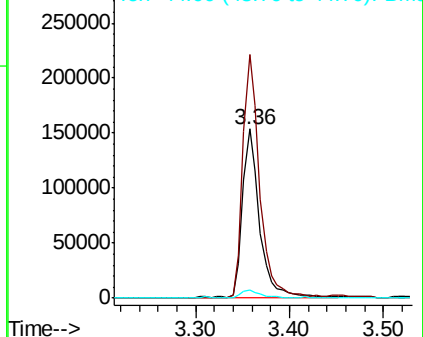
Lab File: BM024687.D

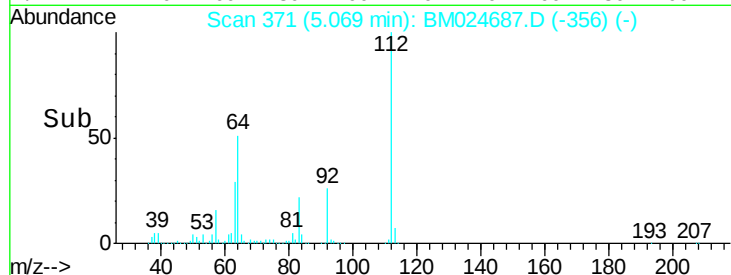
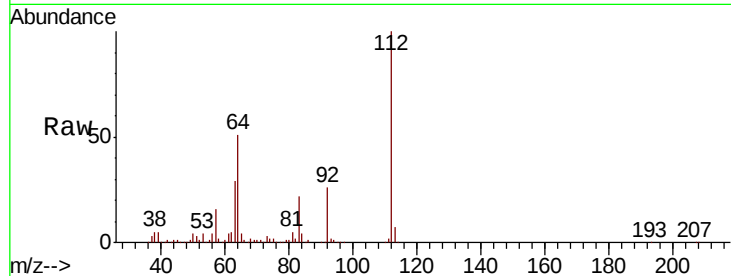
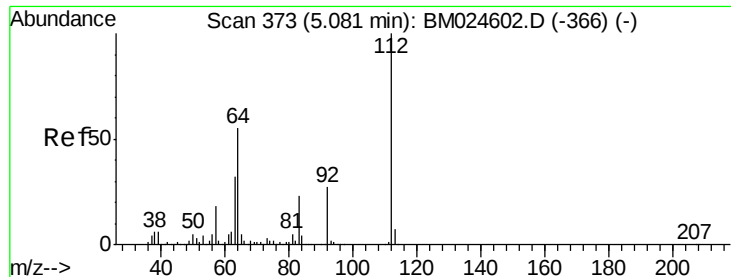
Acq: 31 Jan 2020 22:10

Tgt Ion:	42	Resp:	193760
Ion Ratio	Lower	Upper	
42	100		
74	144.0	101.4	152.2
44	5.0	4.6	6.8



Abundance Ion 42.00 (41.70 to 42.70): BM024602.D (-77) (-)





#5

2-Fluorophenol

Concen: 137.246 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tot Ion:	112	Resp:	1464310
Ion	Ratio	Lower	Upper
112	100		
64	50.9	44.2	66.4
63	29.3	25.9	38.9

Instrument :

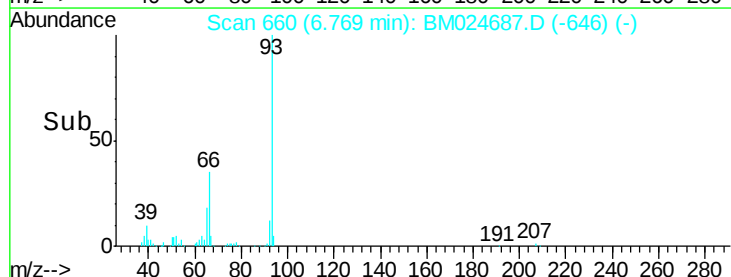
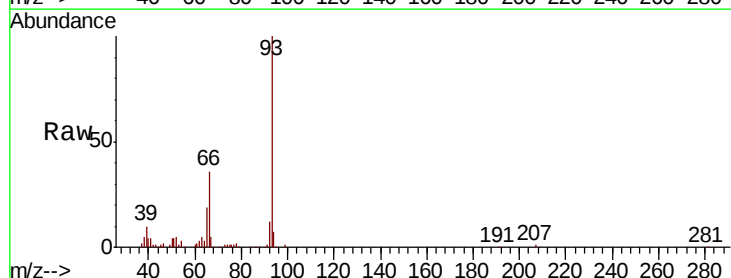
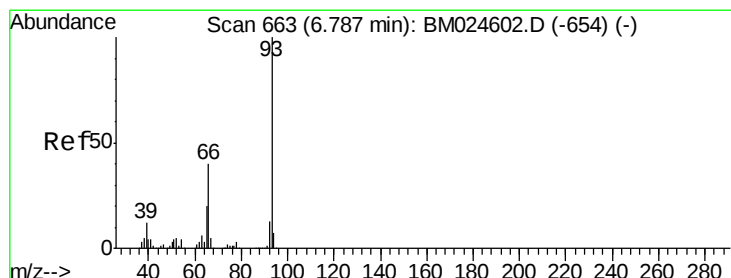
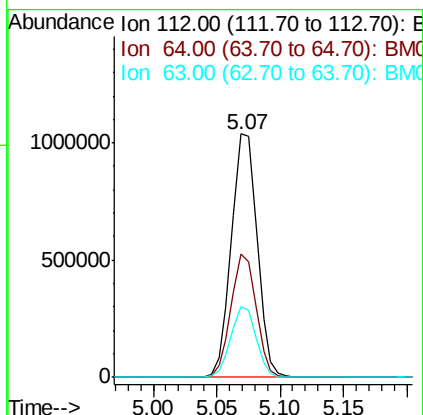
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#6

Aniline

Concen: 12.006 ng

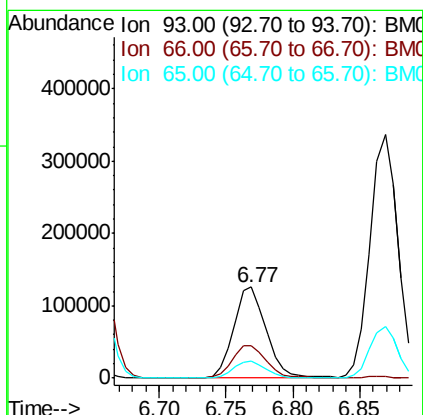
RT: 6.77 min Scan# 660

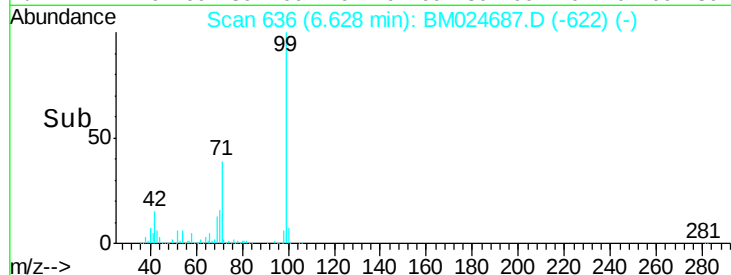
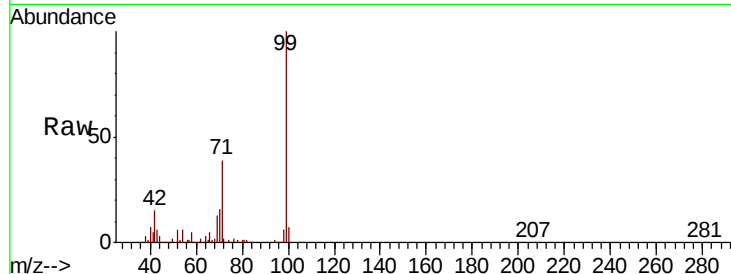
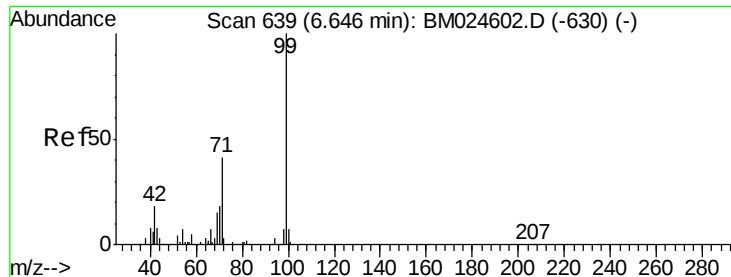
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:	93	Resp:	214806
Ion	Ratio	Lower	Upper
93	100		
66	36.0	31.8	47.8
65	18.8	15.8	23.6





#7

Phenol-d6

Concen: 118.245 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tot Ion: 99 Resp: 1737922

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 38.6 33.0 49.6

Instrument :

BNA_M

ClientSampleId :

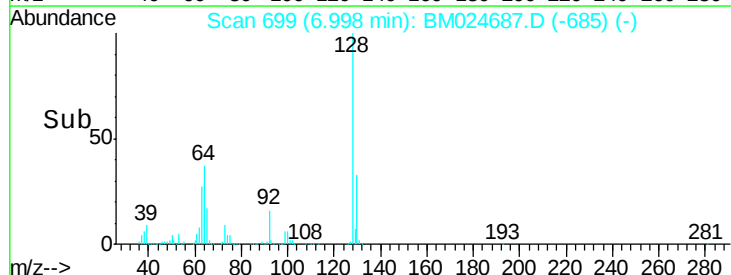
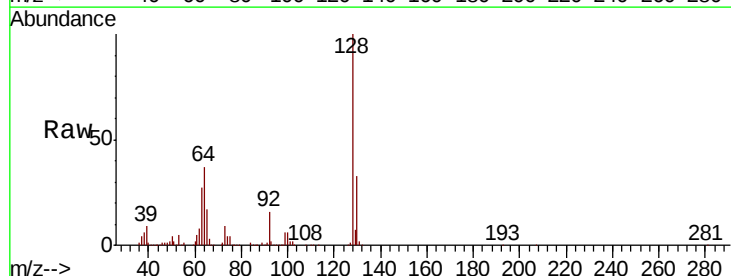
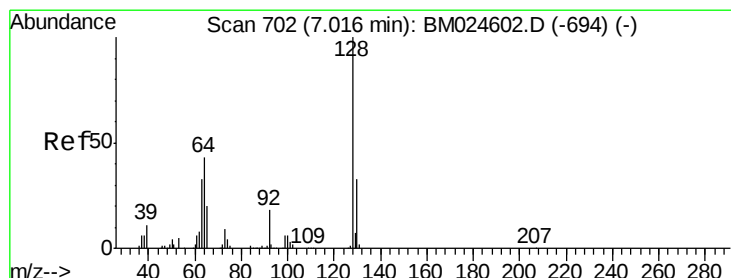
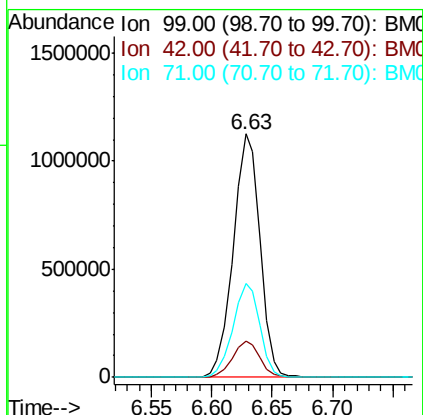
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#8

2-Chlorophenol

Concen: 48.414 ng

RT: 7.00 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

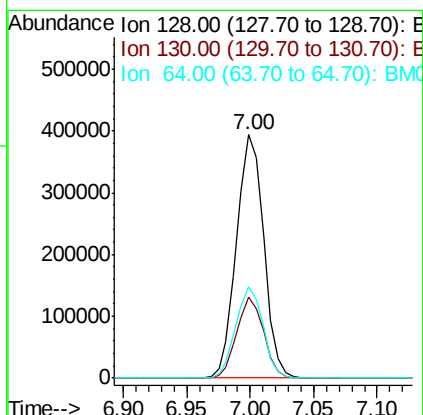
Tgt Ion: 128 Resp: 588021

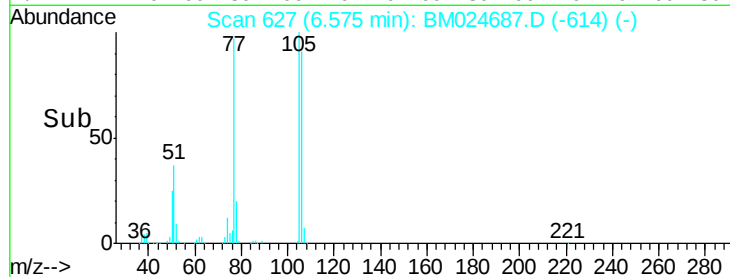
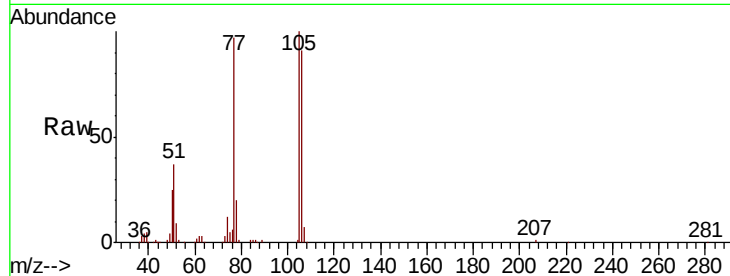
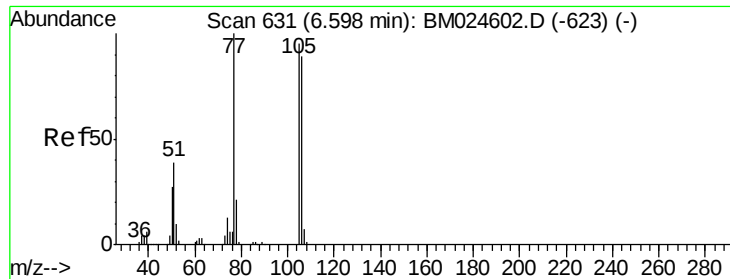
Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

64 37.4 26.1 66.1





#9

Benzaldehyde

Concen: 28.655 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tot Ion:	77	Resp:	248852
Ion Ratio	Lower	Upper	
77	100		
105	102.7	75.2	115.2
106	93.6	68.6	108.6

Instrument :

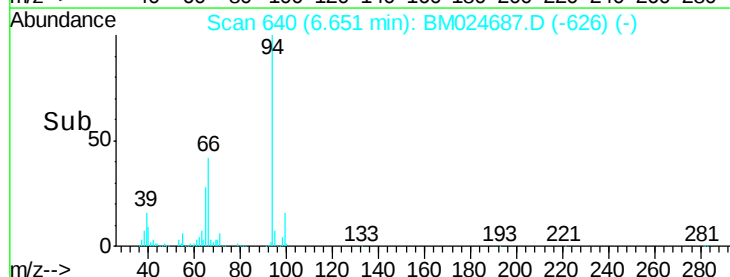
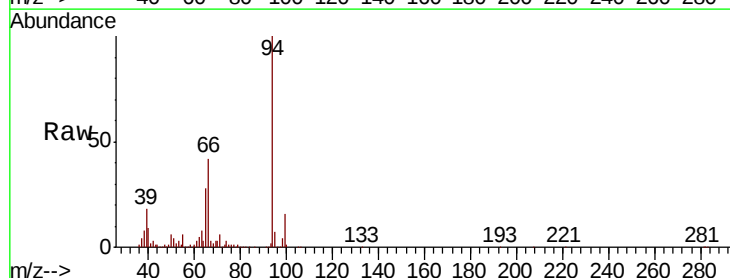
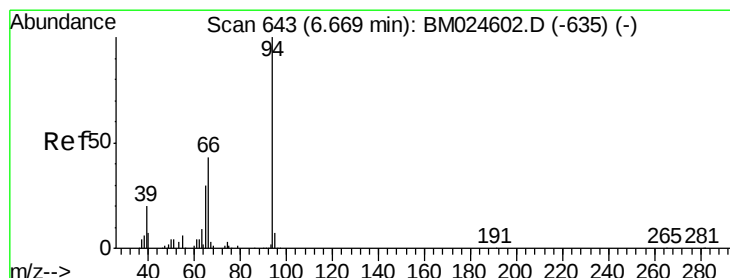
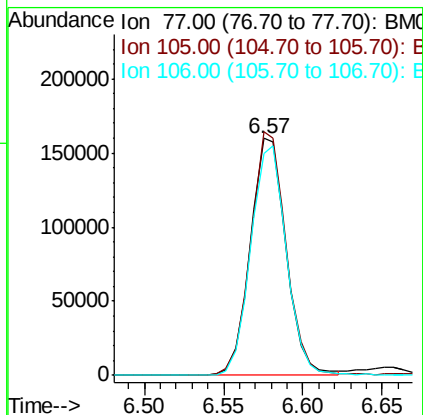
BNA_M

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#10

Phenol

Concen: 44.831 ng

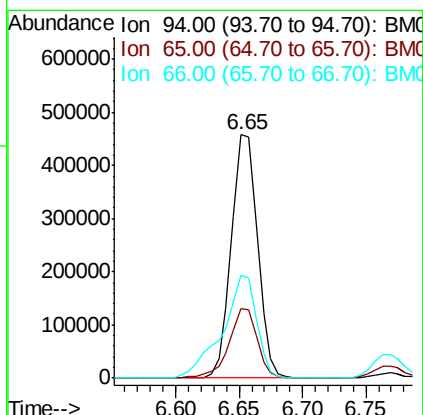
RT: 6.65 min Scan# 640

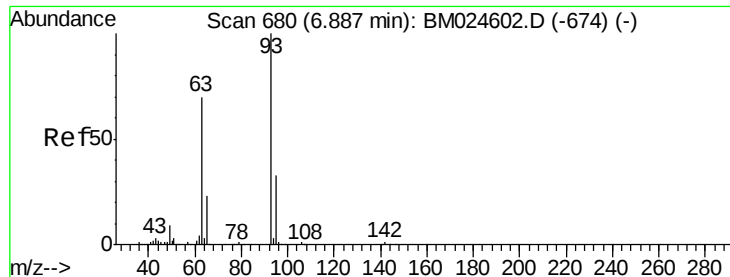
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:	94	Resp:	656806
Ion Ratio	Lower	Upper	
94	100		
65	28.3	10.3	50.3
66	42.2	24.8	64.8





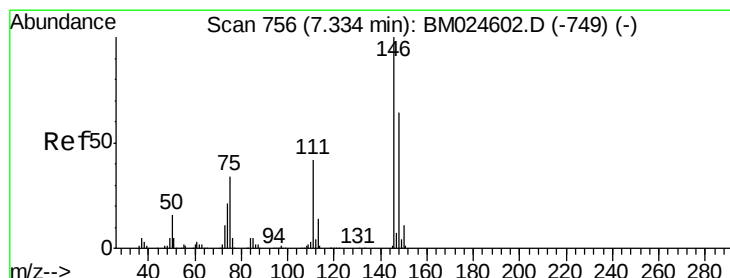
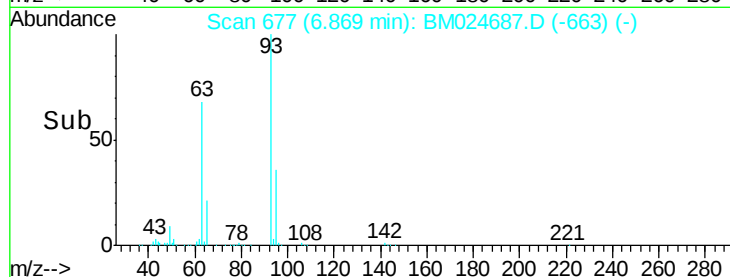
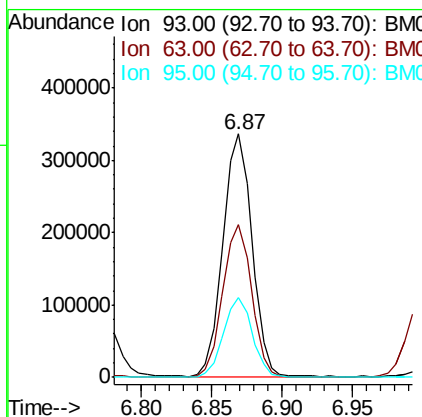
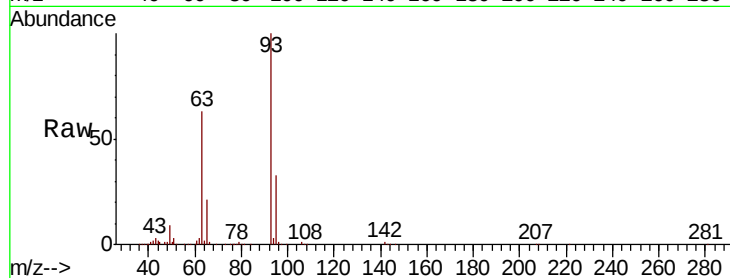
#11
bis(2-Chloroethyl)ether
Concen: 40.900 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		479708		
63	62.6	49.6	89.6		
95	33.0	12.6	52.6		

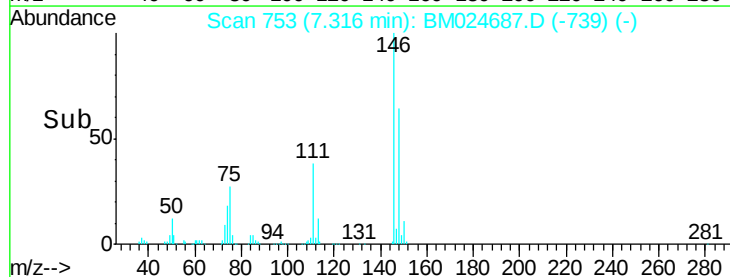
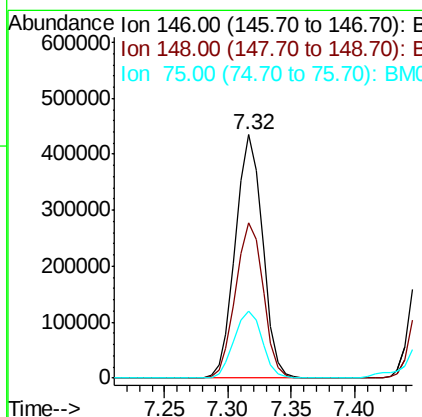
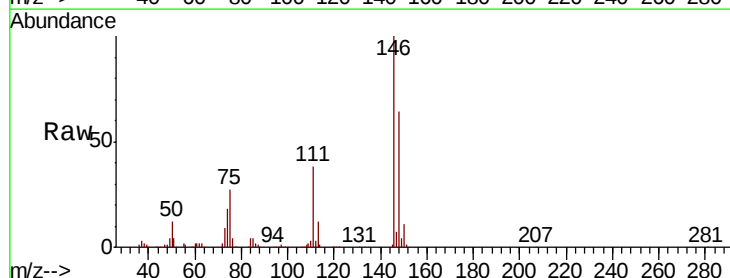
Manual Integrations
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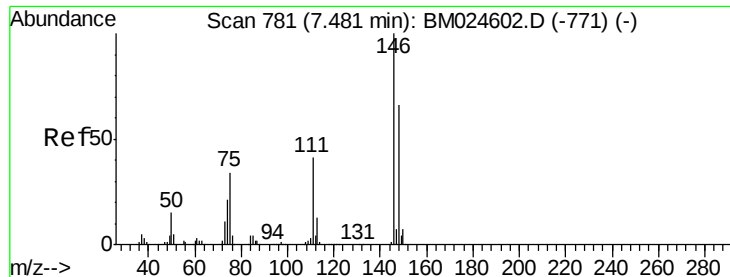
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.356 ng
RT: 7.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		646910		
148	63.8	51.0	76.6		
75	27.4	27.0	40.4		





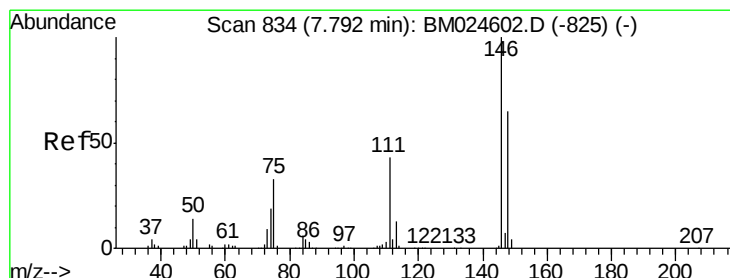
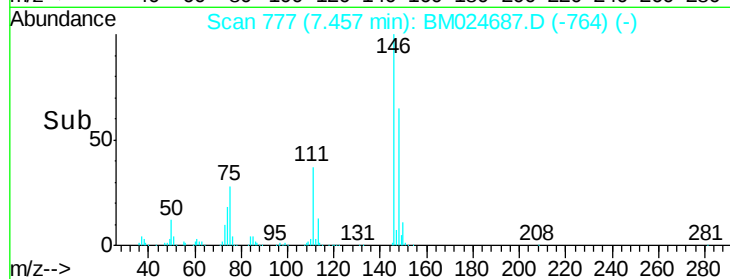
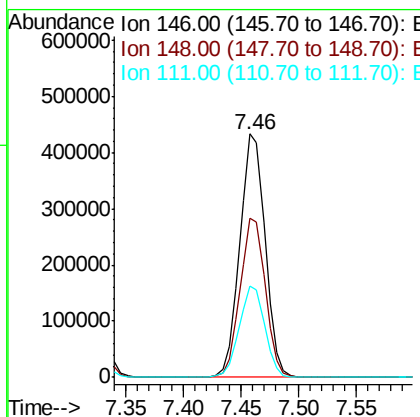
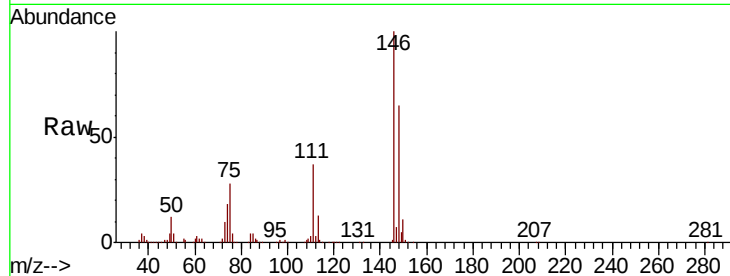
#13
 1,4-Dichlorobenzene
 Concen: 43.660 ng
 RT: 7.46 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.5	78.7
111	37.3	33.0	49.4

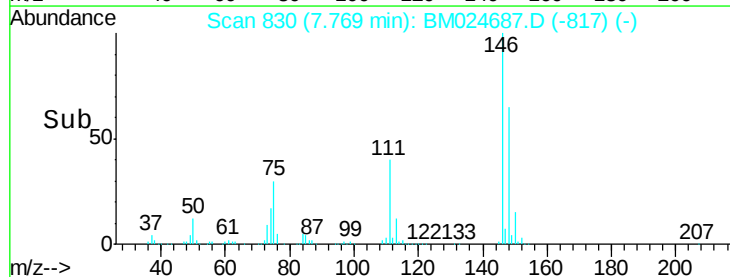
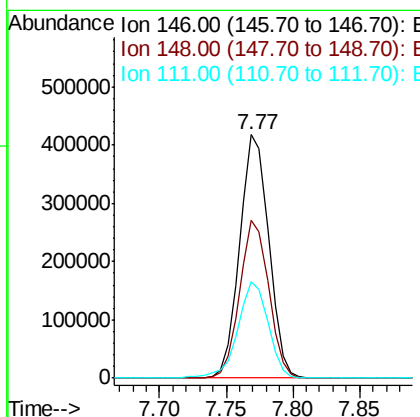
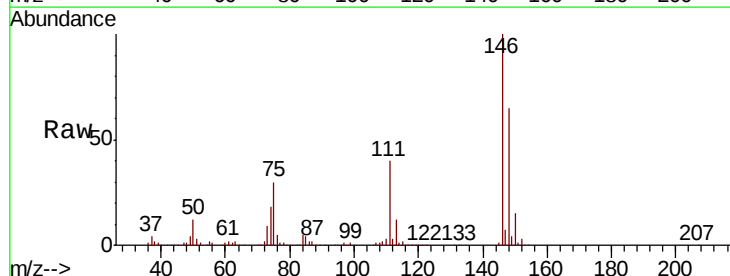
Manual Integrations
 APPROVED

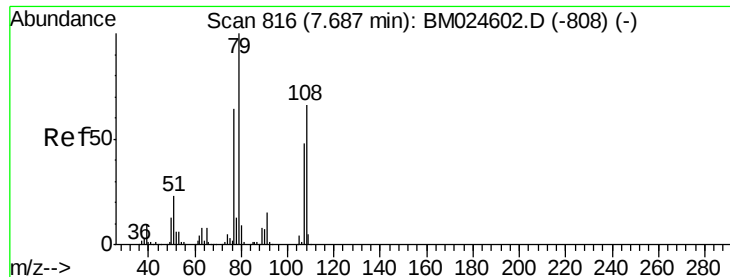
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.079 ng
 RT: 7.77 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	39.5	34.5	51.7





#15

Benzyl Alcohol

Concen: 40.220 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MS

Tot Ion: 79 Resp: 487380

Ion Ratio Lower Upper

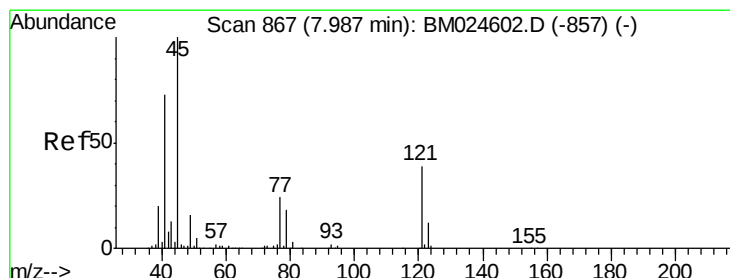
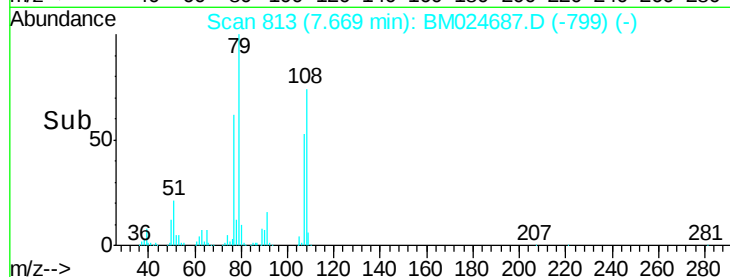
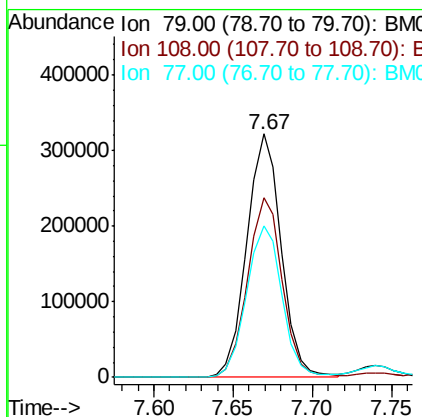
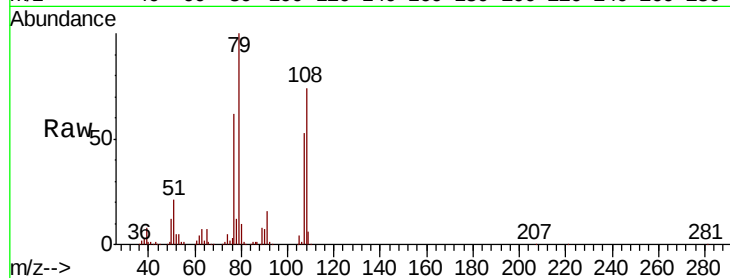
79 100

108 73.6 53.0 79.4

77 62.4 50.8 76.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.943 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

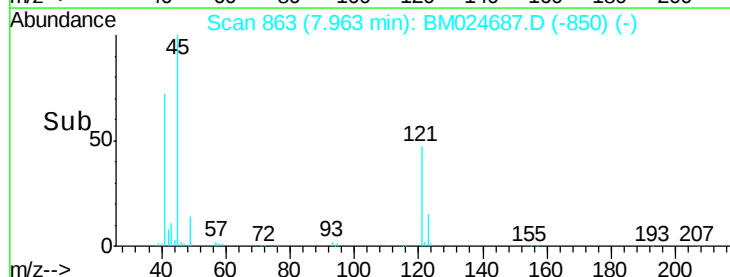
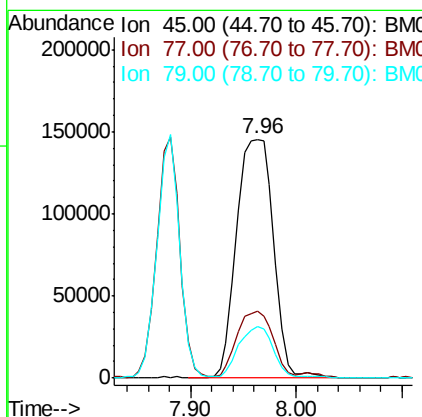
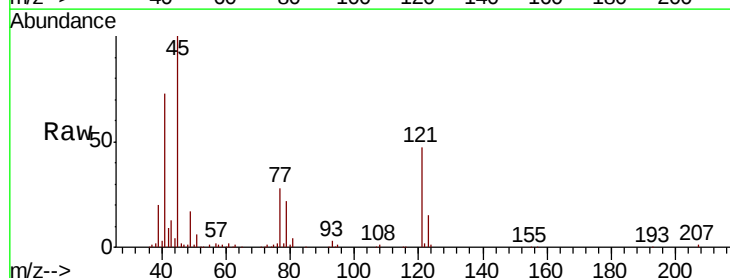
Tgt Ion: 45 Resp: 353714

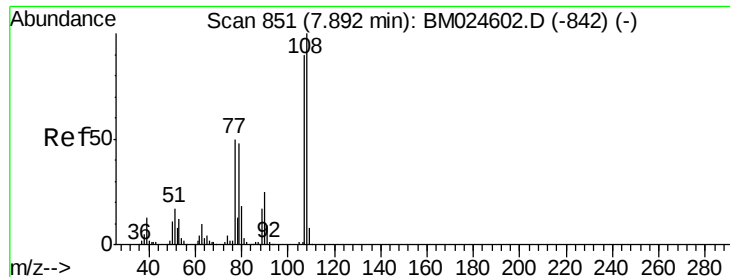
Ion Ratio Lower Upper

45 100

77 27.9 5.2 45.2

79 21.8 0.0 39.4





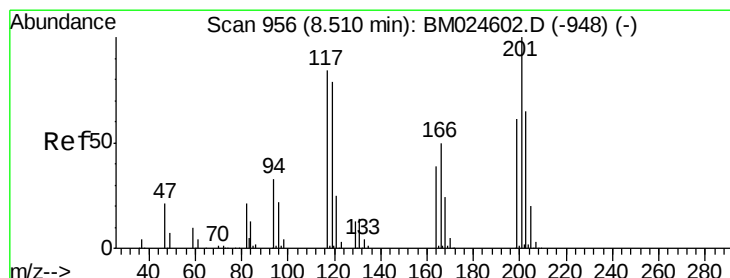
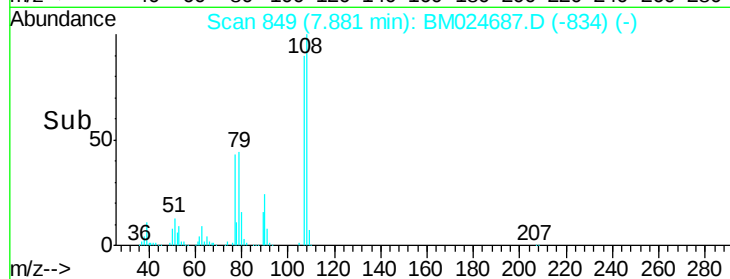
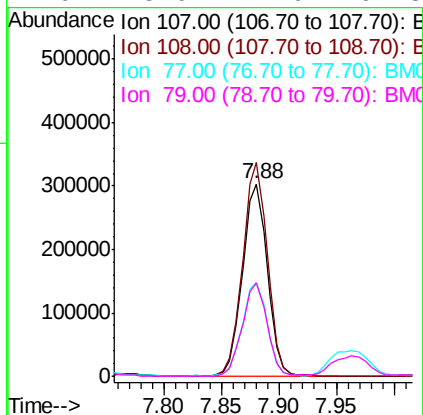
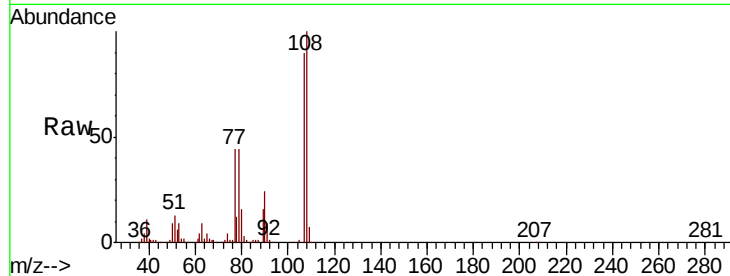
#17
2-Methylphenol
Concen: 44.037 ng
RT: 7.88 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleID :
BU-01-012920MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	88.9	133.3	
77	48.4	44.5	66.7	
79	48.9	42.9	64.3	

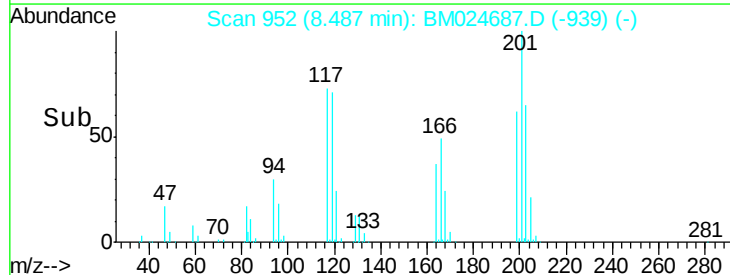
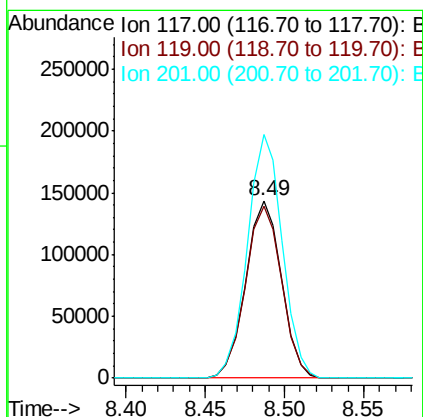
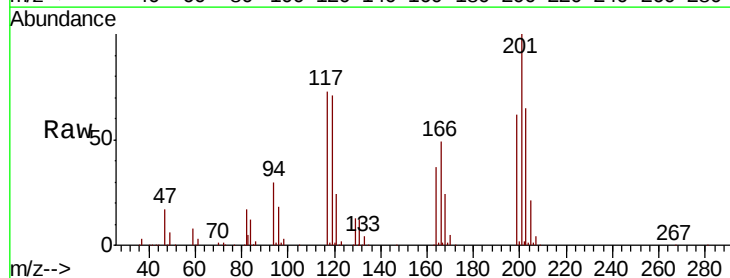
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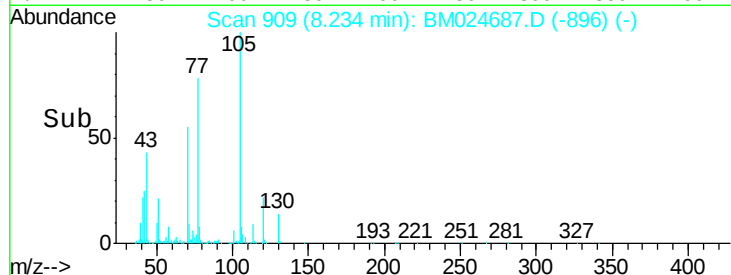
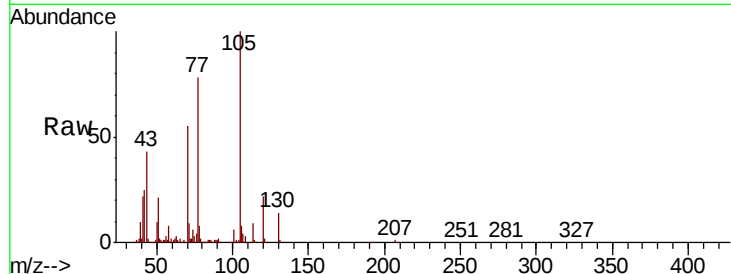
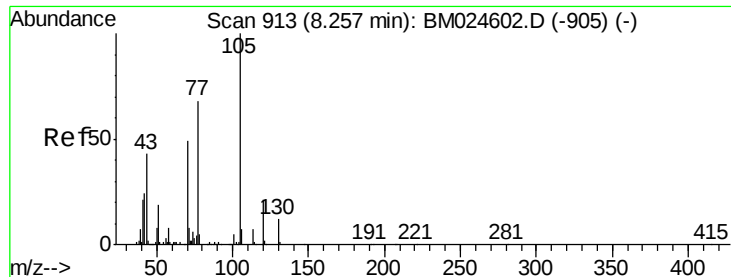
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#18
Hexachloroethane
Concen: 38.491 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	75.4	113.2	
201	137.2	95.8	143.6	





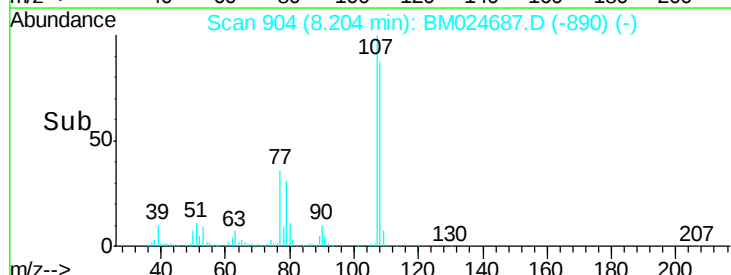
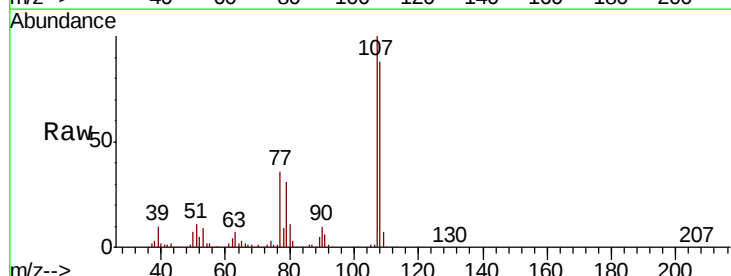
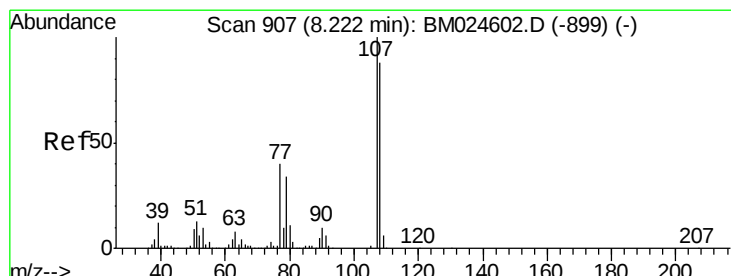
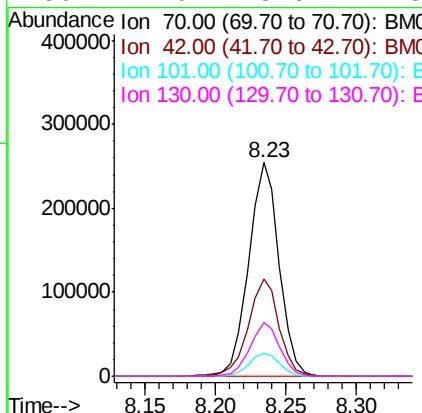
#19
n-Nitroso-di-n-propylamine
Concen: 34.724 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.8	40.0	60.0
101	10.7	8.2	12.2
130	24.9	18.6	27.8

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

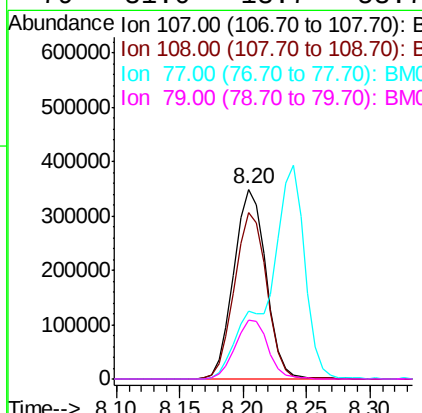
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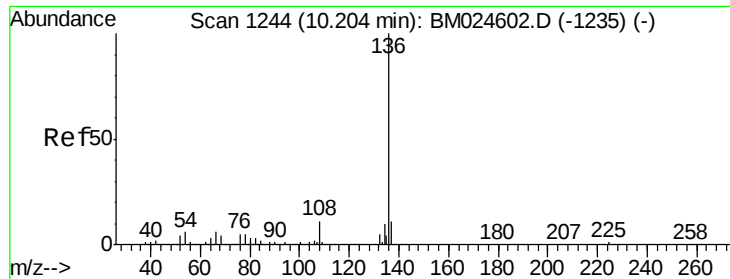
mohammad
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#20
3+4-Methylphenols
Concen: 43.070 ng
RT: 8.20 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.0	108.0
77	36.0	19.9	59.9
79	31.0	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: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

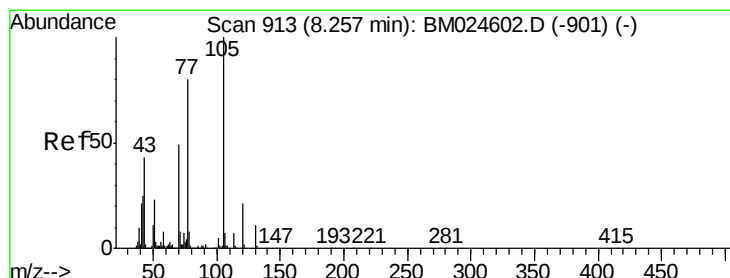
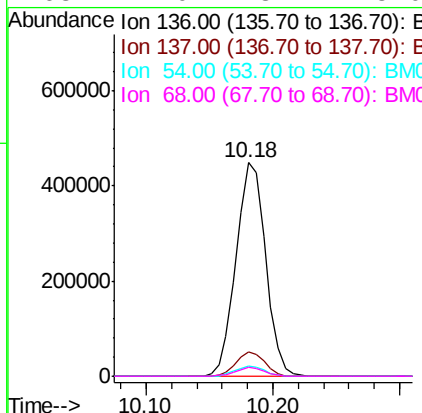
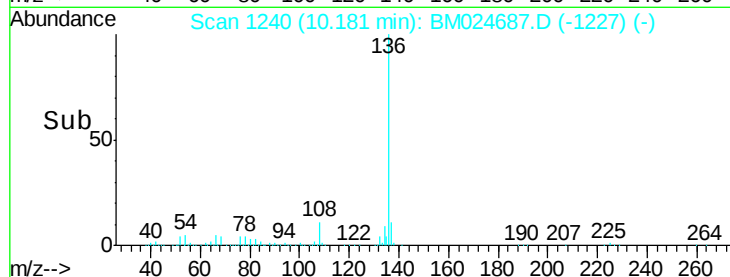
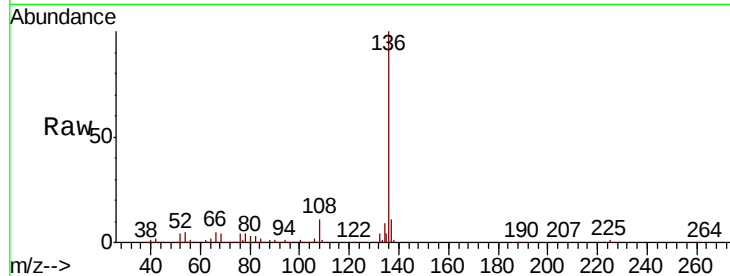
ClientSampleId :

BU-01-012920MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	726007		
137	11.4	8.6	13.0	
54	4.7	4.5	6.7	
68	4.0	3.4	5.0	

Manual Integrations
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#22

Acetophenone

Concen: 42.481 ng

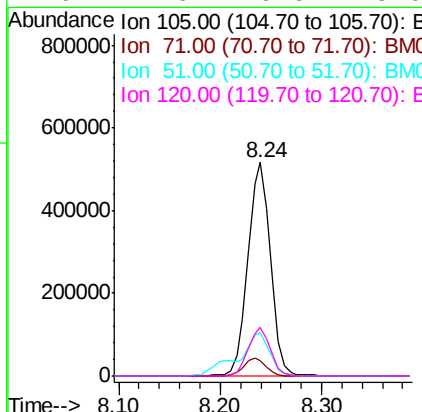
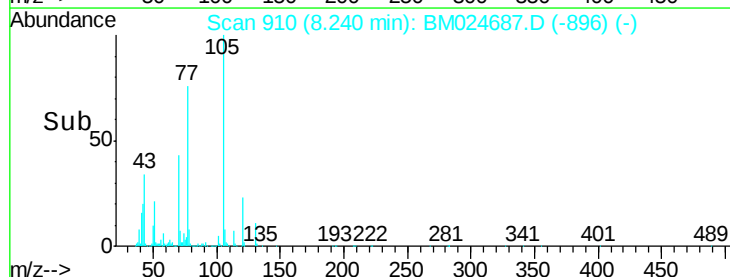
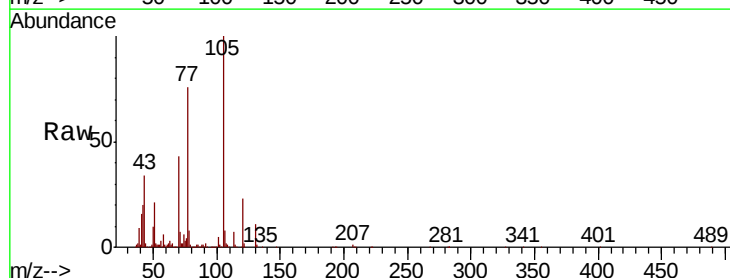
RT: 8.24 min Scan# 910

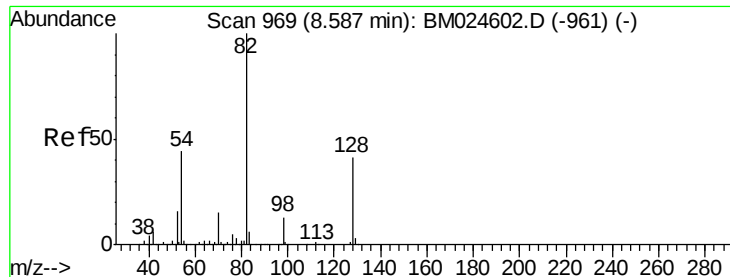
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	795257		
71	7.0	6.7	10.1	
51	20.6	18.5	27.7	
120	22.6	16.6	25.0	





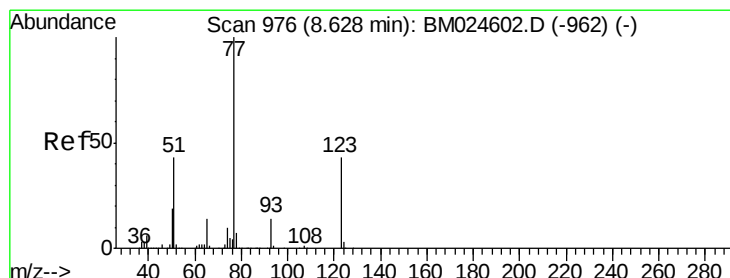
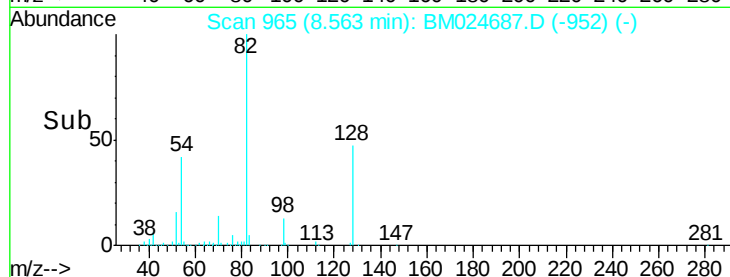
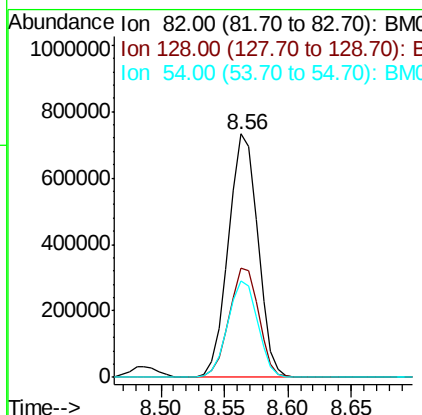
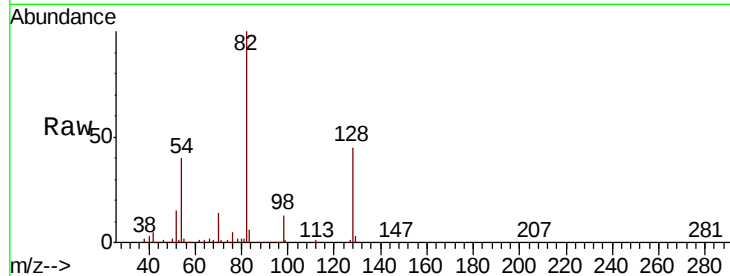
#23
 Nitrobenzene-d5
 Concen: 79.676 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.6	48.8
54	39.6	34.8	52.2

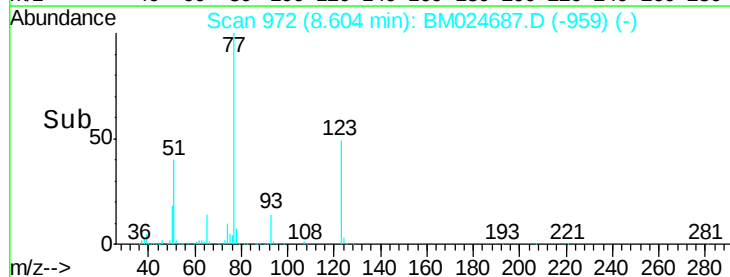
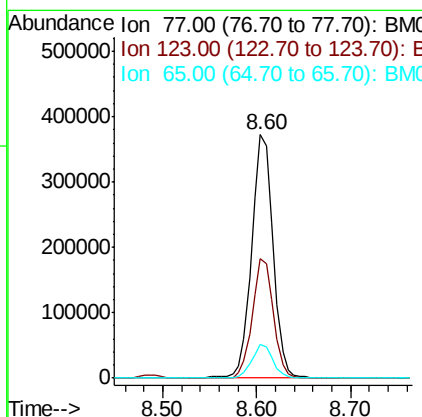
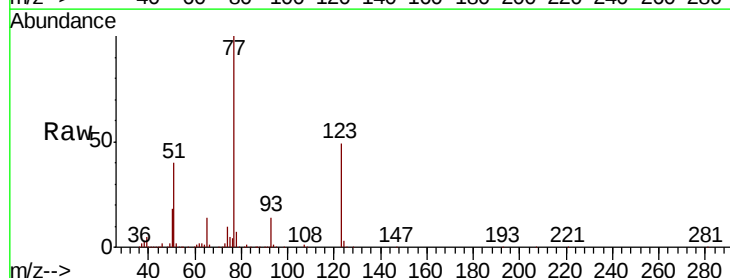
Manual Integrations
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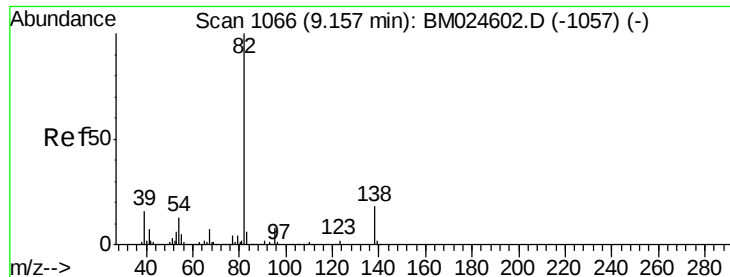
mohammad
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#24
 Nitrobenzene
 Concen: 41.168 ng
 RT: 8.60 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	34.6	52.0
65	13.8	11.0	16.4





#25

Isophorone

Concen: 42.314 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MS

Tot Ion: 82 Resp: 1064357

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

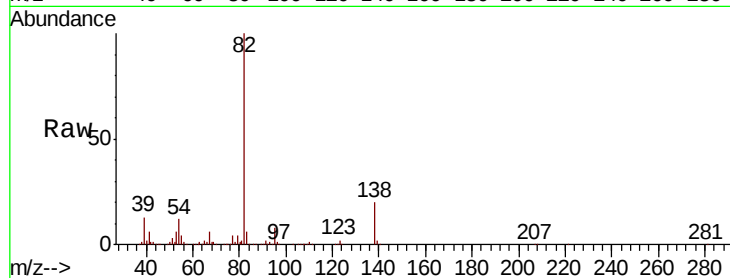
138 20.3 14.7 22.1

Manual Integrations

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Abundance Ion 82.00 (81.70 to 82.70): BM024687.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024687.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024687.D (-1049) (-)

9.13

800000

600000

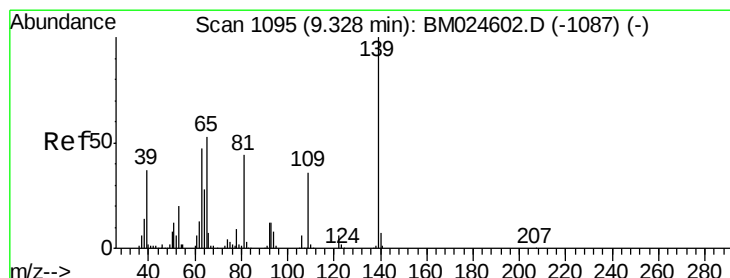
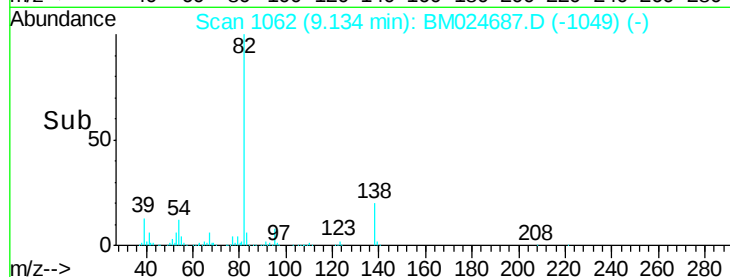
400000

200000

0

9.05 9.10 9.15 9.20 9.25

Time-->



#26

2-Nitrophenol

Concen: 51.123 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

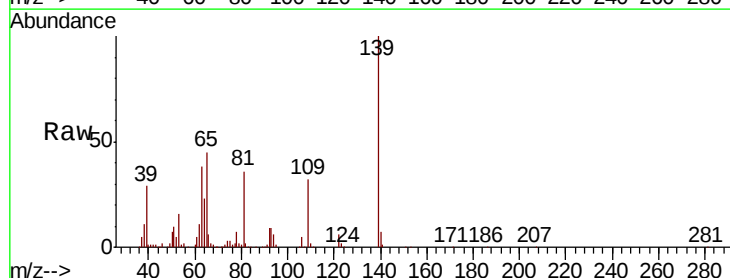
Tgt Ion: 139 Resp: 335827

Ion Ratio Lower Upper

139 100

109 31.8 28.8 43.2

65 45.3 42.6 63.8



Abundance Ion 139.00 (138.70 to 139.70): BM024687.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024687.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024687.D (-1078) (-)

9.31

300000

250000

200000

150000

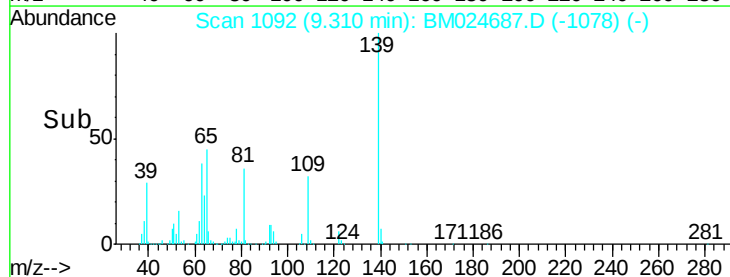
100000

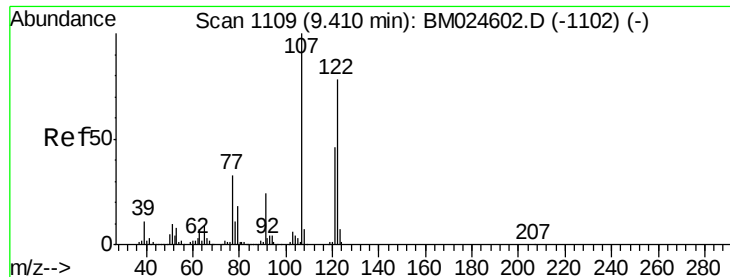
50000

0

9.25 9.30 9.35 9.40

Time-->





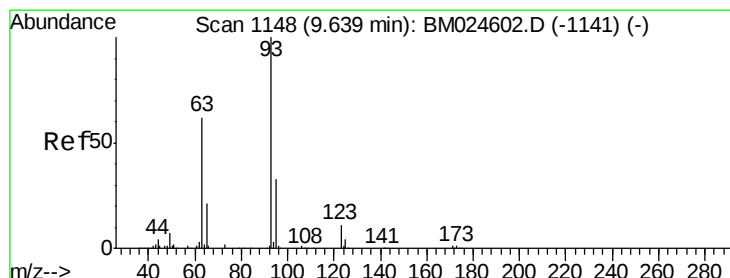
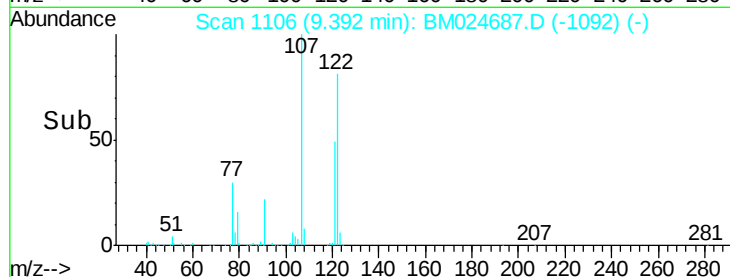
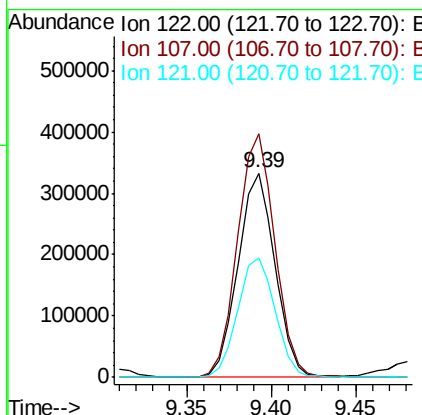
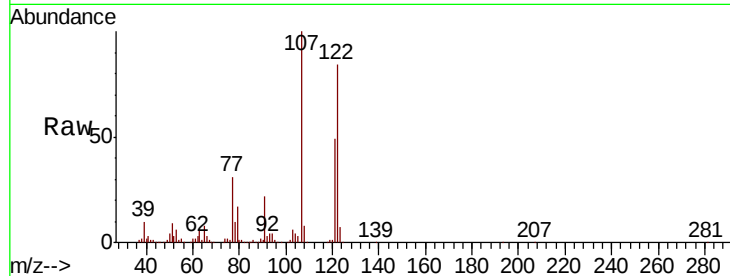
#27
2,4-Dimethylphenol
Concen: 57.197 ng
RT: 9.39 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	102.5	153.7
121	58.4	47.0	70.4

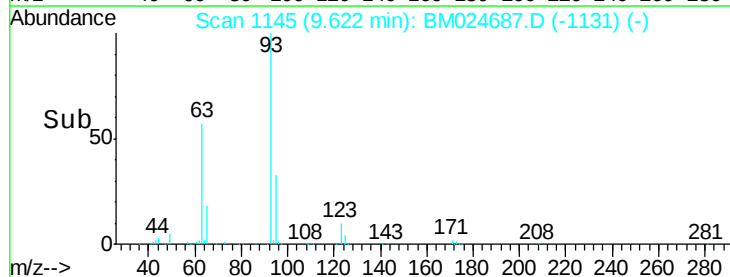
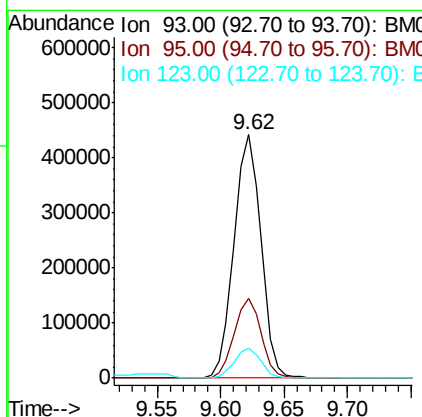
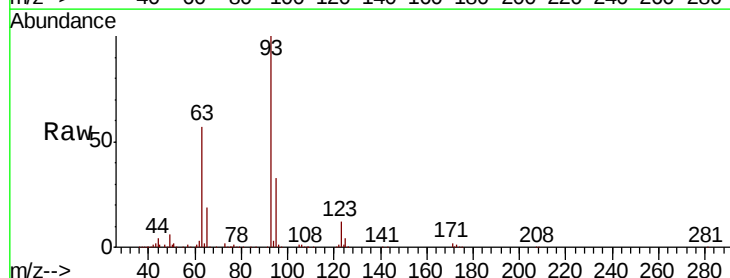
Manual Integrations
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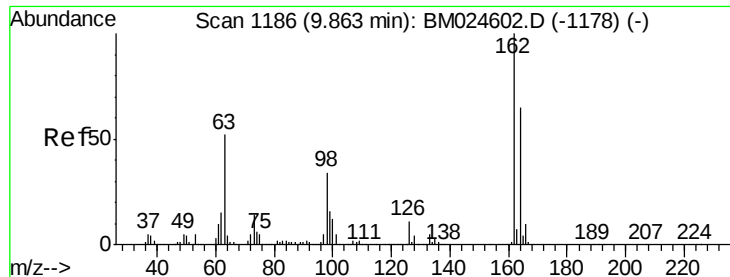
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.382 ng
RT: 9.62 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	12.0	8.7	13.1





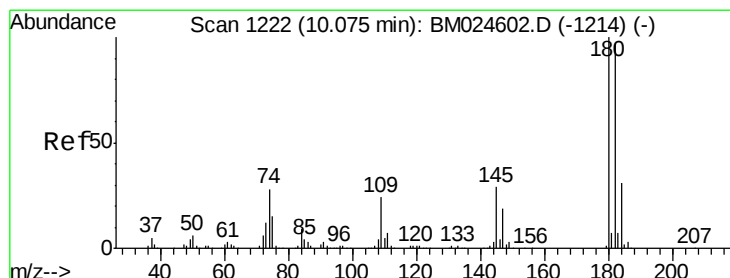
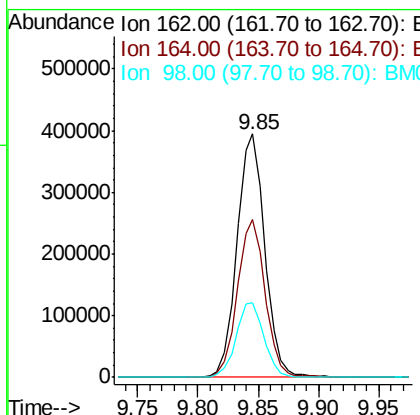
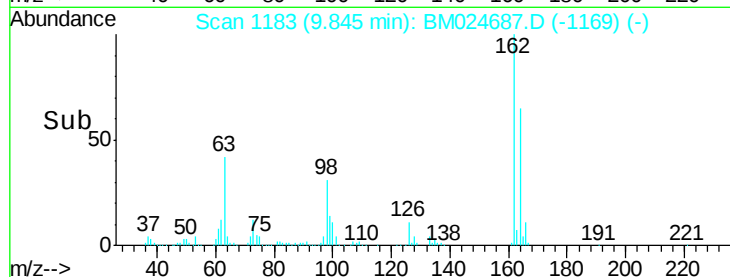
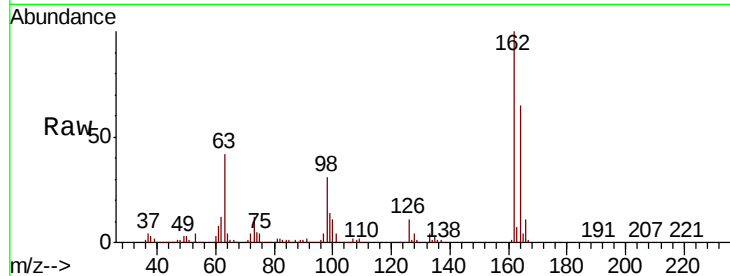
#29
2,4-Dichlorophenol
Concen: 52.627 ng
RT: 9.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.5	84.5
98	30.7	14.2	54.2

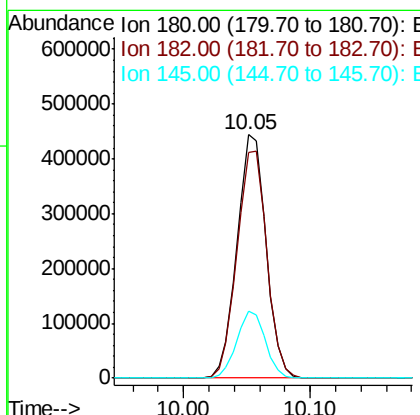
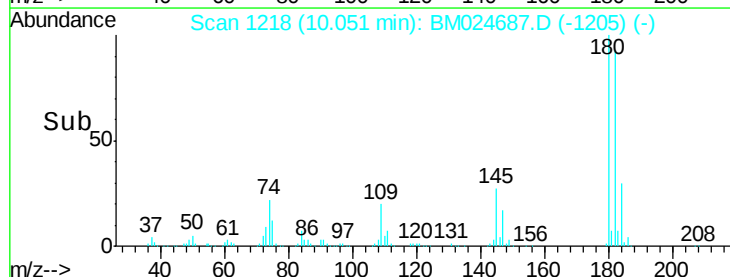
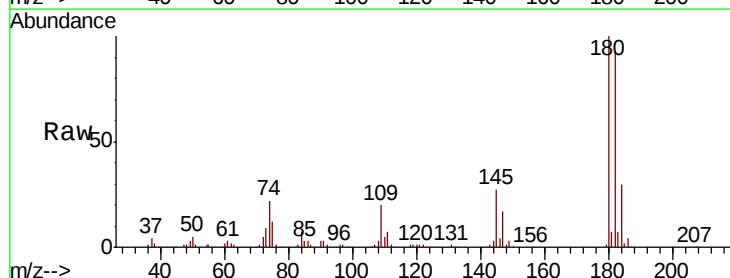
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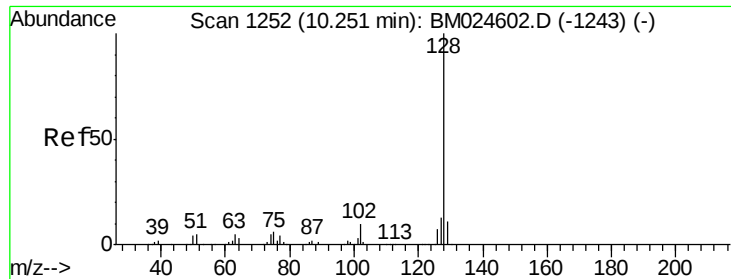
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 48.238 ng
RT: 10.05 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.8	116.6
145	27.5	22.9	34.3





#31

Naphthalene

Concen: 46.231 ng

RT: 10.23 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

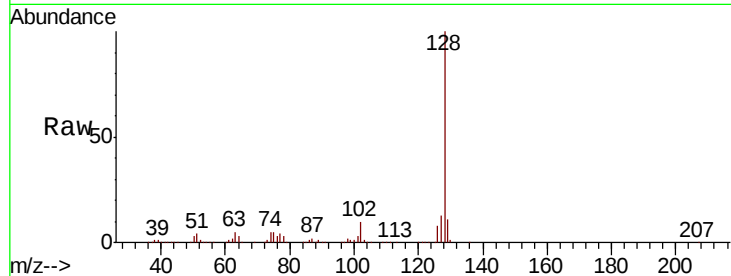
ClientSampleId :

BU-01-012920MS

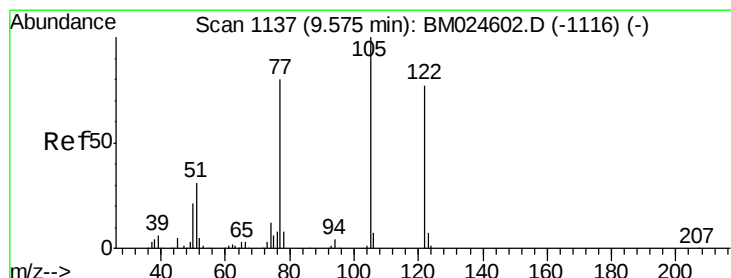
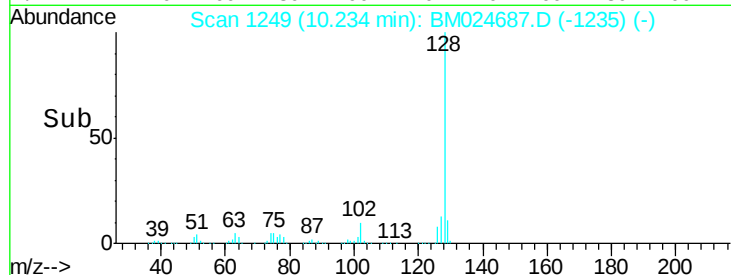
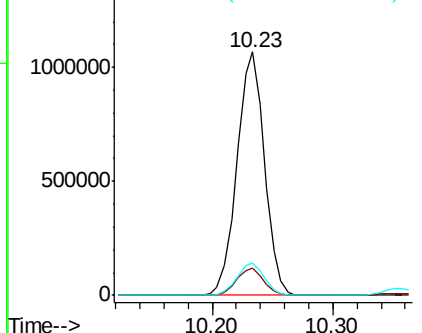
Tot	Ion:128	Resp:	1695232
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.6	15.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.488 ng m

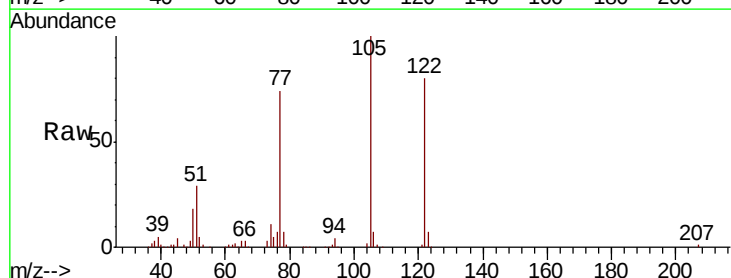
RT: 9.55 min Scan# 1133

Delta R.T. -0.02 min

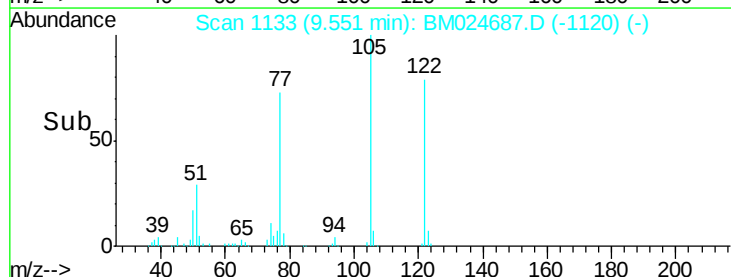
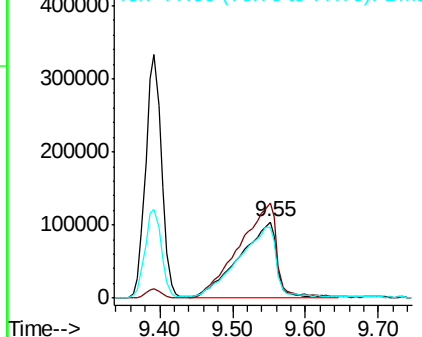
Lab File: BM024687.D

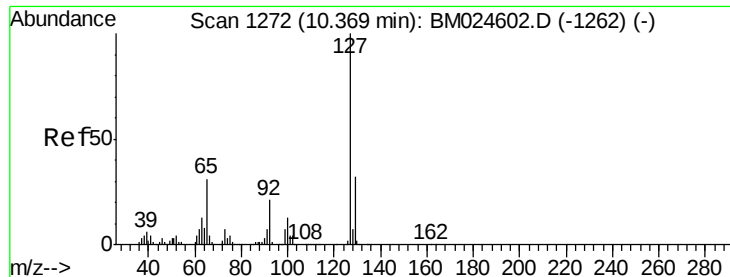
Acq: 31 Jan 2020 22:10

Tgt	Ion:122	Resp:	371444
Ion	Ratio	Lower	Upper
122	100		
105	125.1	107.7	147.7
77	92.5	83.8	123.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





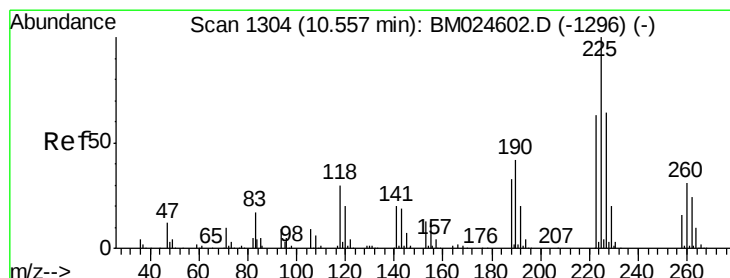
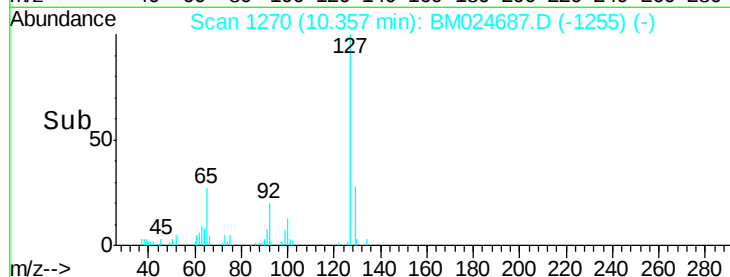
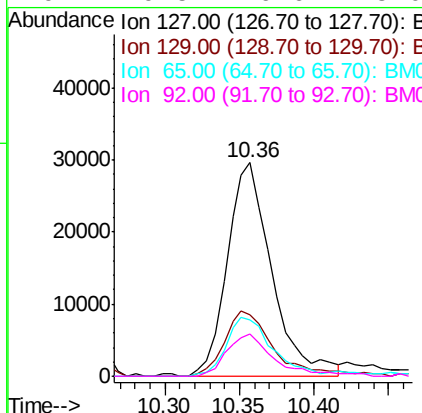
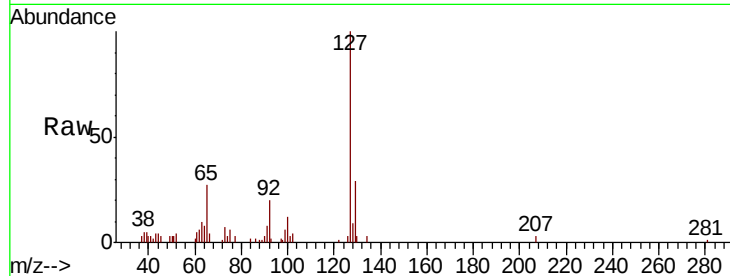
#33
4-Chloroaniline
Concen: 3.839 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		61701		
129	29.0	25.9	38.9		
65	26.6	25.1	37.7		
92	19.5	16.6	25.0		

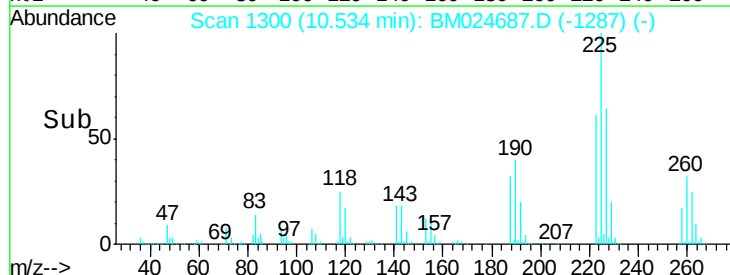
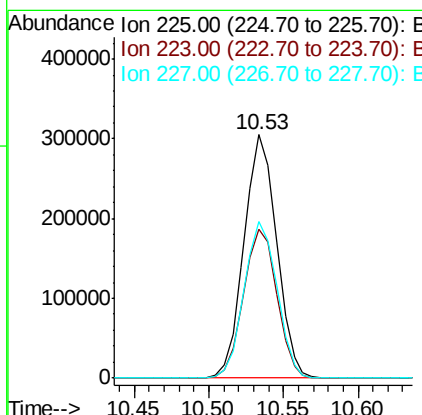
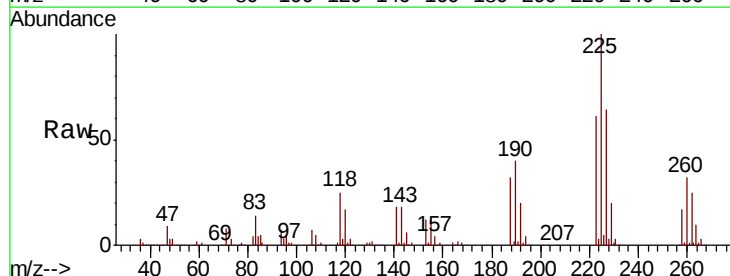
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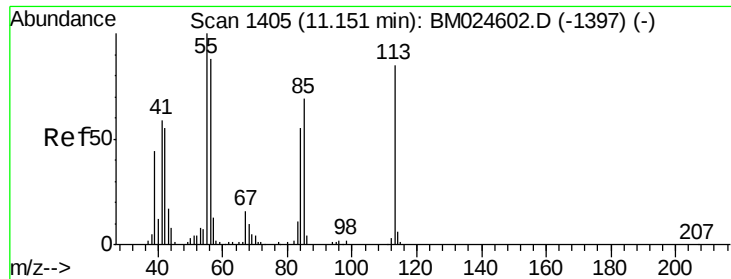
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#34
Hexachlorobutadiene
Concen: 45.902 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		461542		
223	61.4	50.7	76.1		
227	64.3	51.4	77.0		





#35

Caprolactam

Concen: 40.299 ng/mL

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

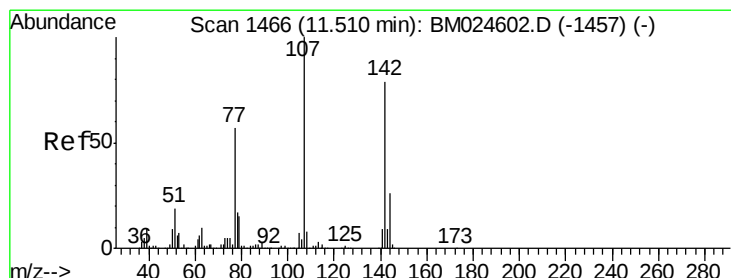
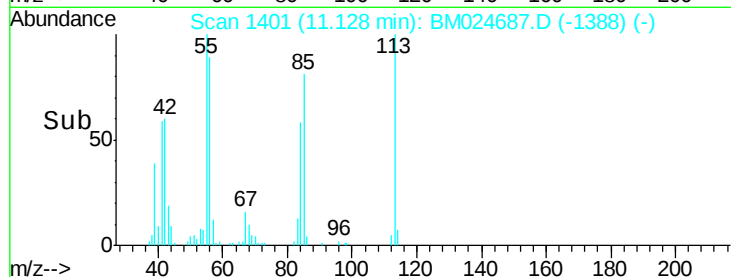
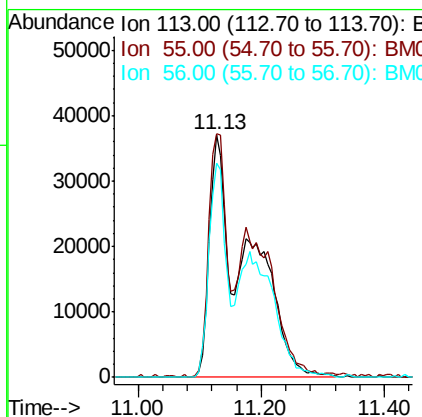
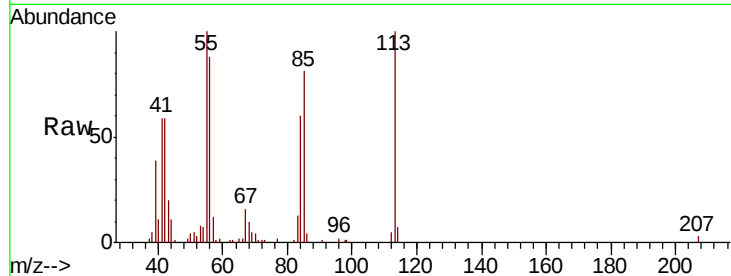
ClientSampleId :

BU-01-012920MS

Tot Ion:	113	Resp:	155927
Ion Ratio	Lower	Upper	
113	100		
55	100.5	97.5	137.5
56	88.5	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 46.095 ng/mL

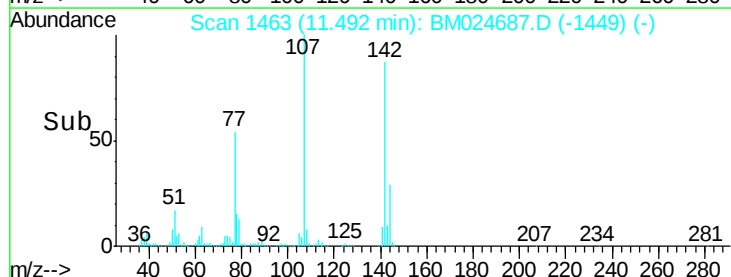
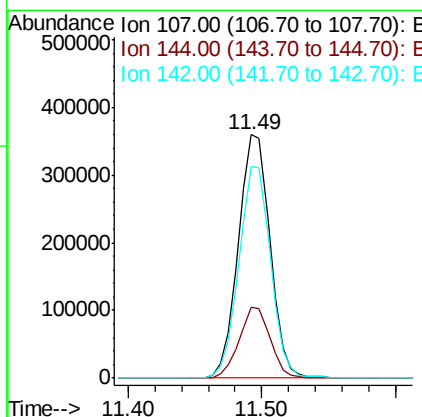
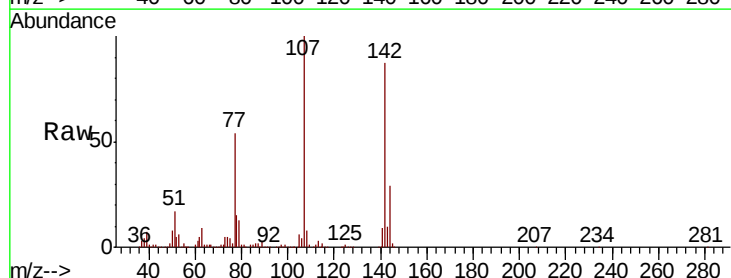
RT: 11.49 min Scan# 1463

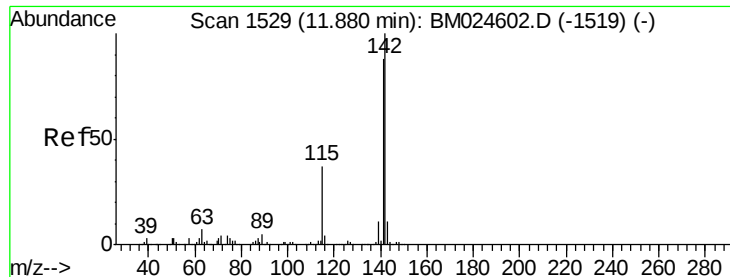
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:	107	Resp:	591123
Ion Ratio	Lower	Upper	
107	100		
144	28.9	20.5	30.7
142	87.2	62.8	94.2





#37

2-Methylnaphthalene

Concen: 47.205 ng

RT: 11.86 min Scan# 1525

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

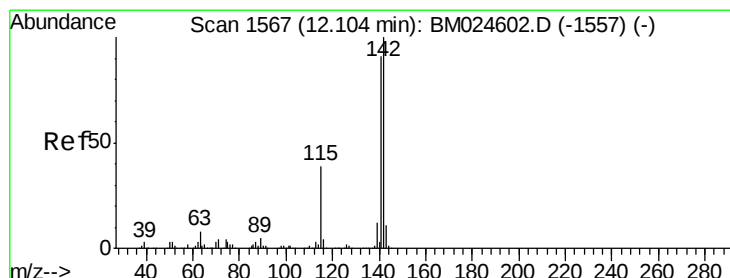
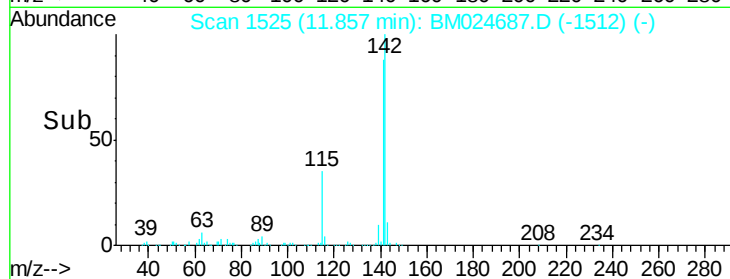
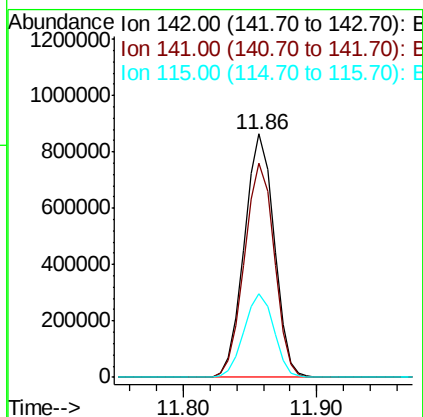
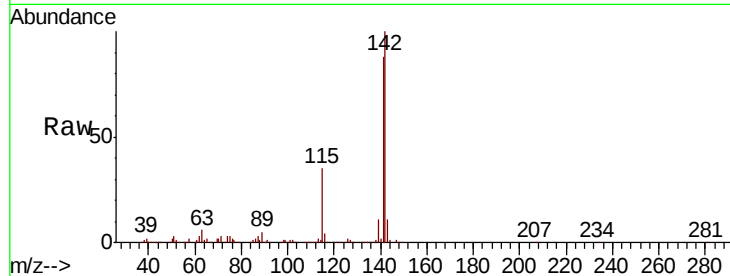
Instrument :
BNA_M

ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.2
115	34.5	29.7	44.5

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#38

1-Methylnaphthalene

Concen: 47.105 ng

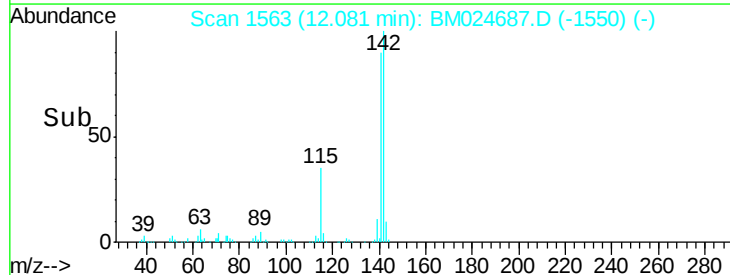
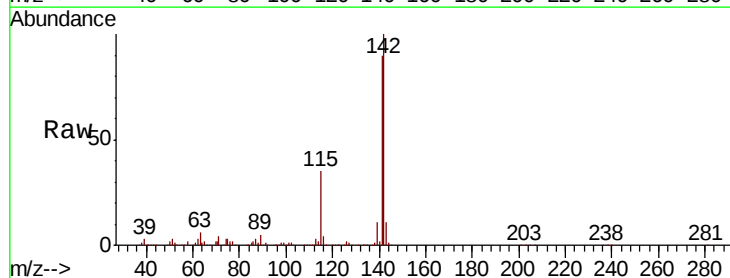
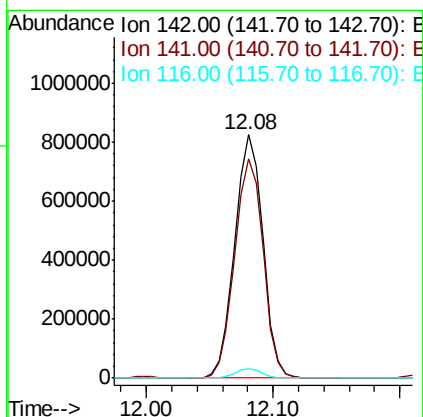
RT: 12.08 min Scan# 1563

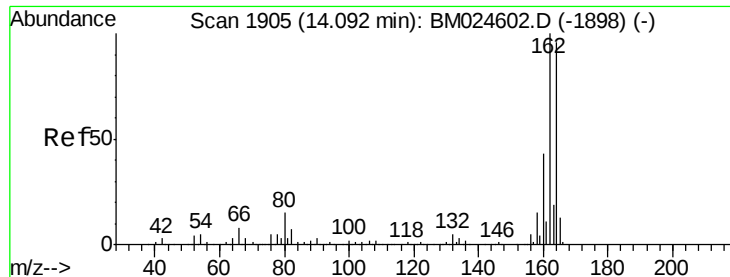
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.8	109.2
116	3.8	3.2	4.8





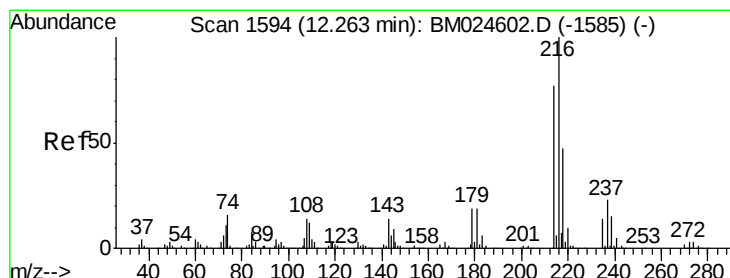
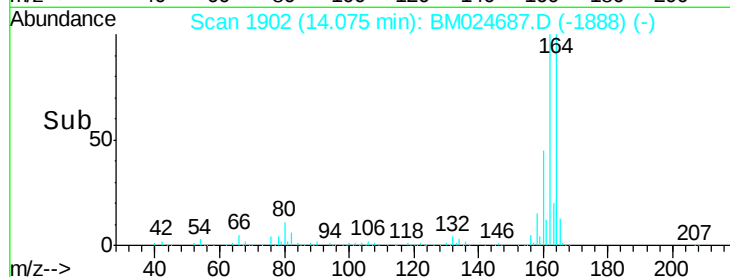
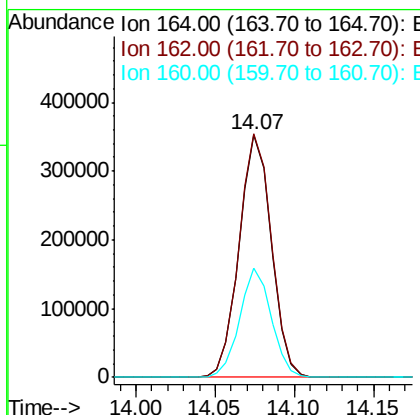
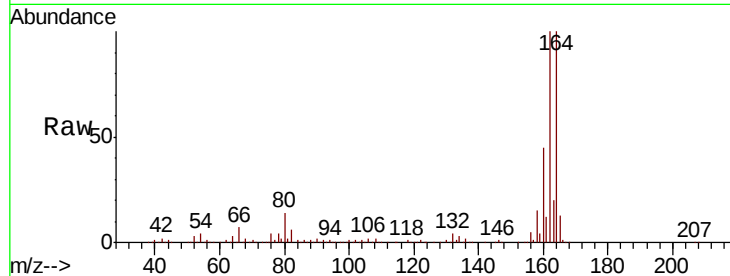
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.9	124.3
160	45.1	35.5	53.3

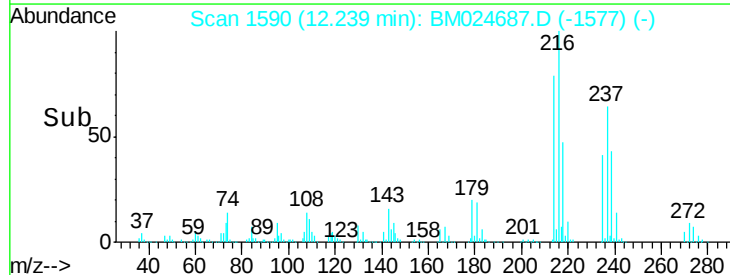
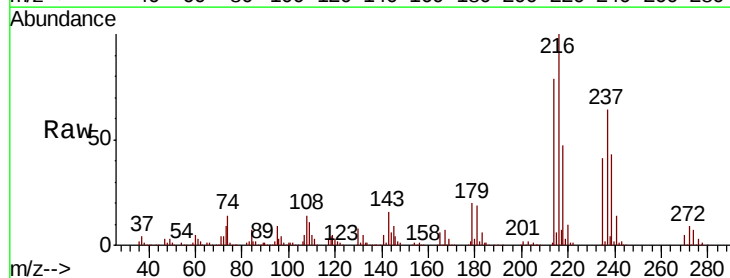
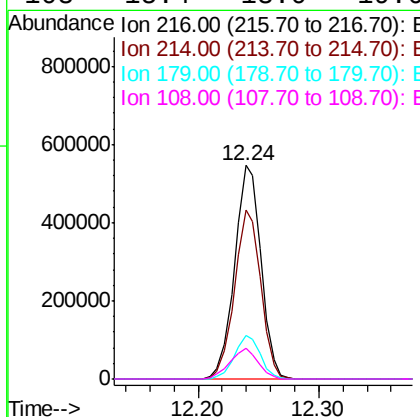
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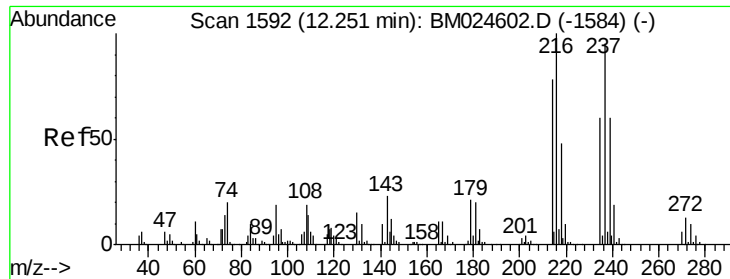
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.869 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.3	93.5
179	19.9	16.1	24.1
108	15.4	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 93.240 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

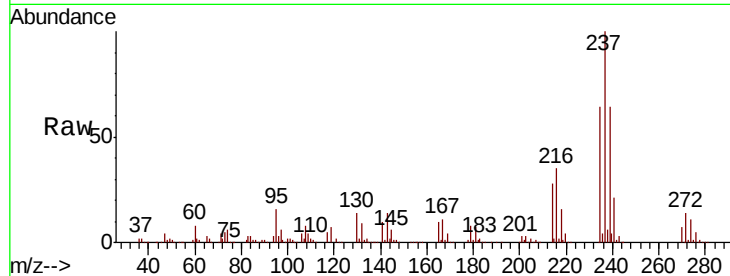
ClientSampleId :

BU-01-012920MS

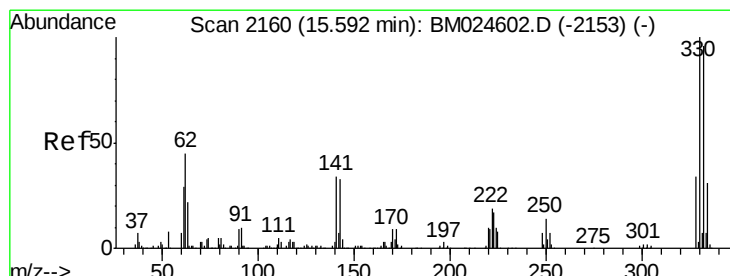
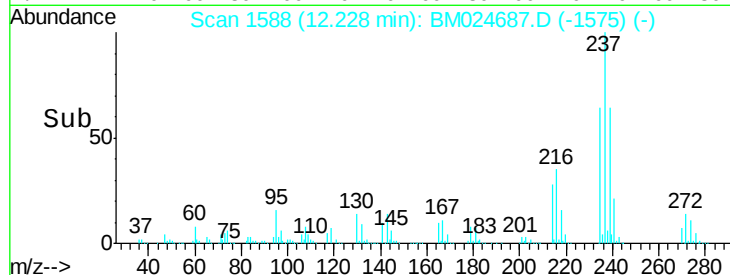
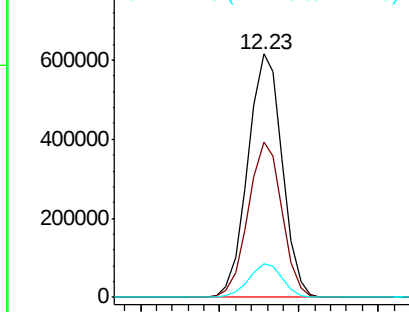
Tot Ion:	237	Resp:	926825
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.3	83.3
272	13.8	0.0	33.4

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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: 153.246 ng

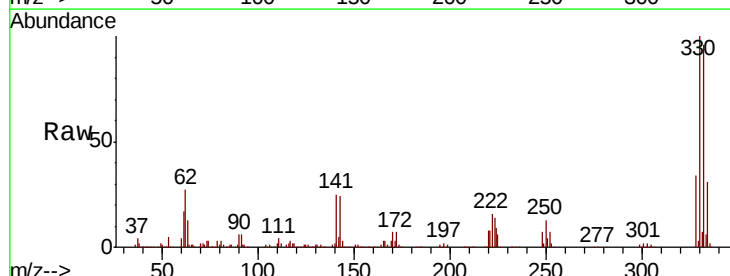
RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

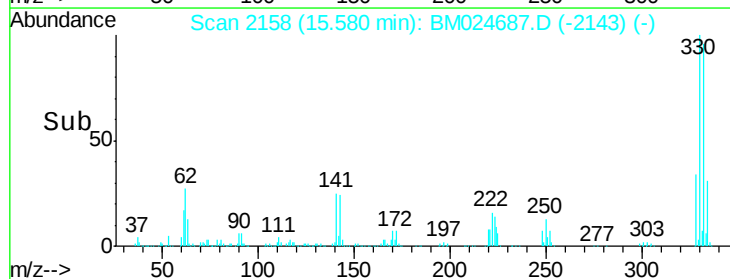
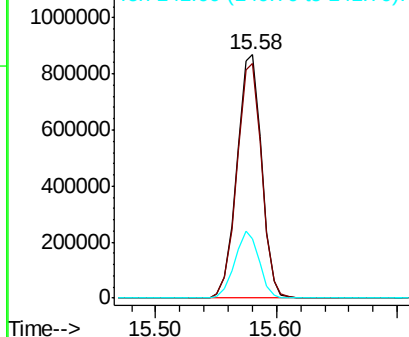
Lab File: BM024687.D

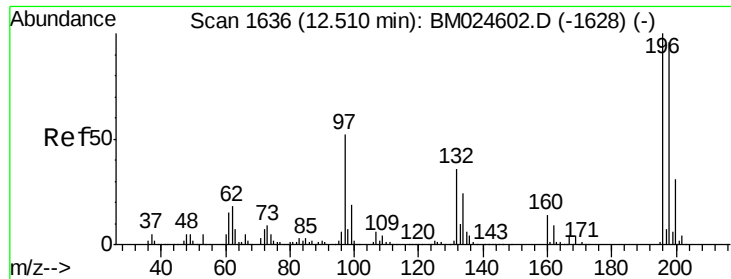
Acq: 31 Jan 2020 22:10

Tgt Ion:	330	Resp:	1238627
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.2	115.8
141	27.1	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





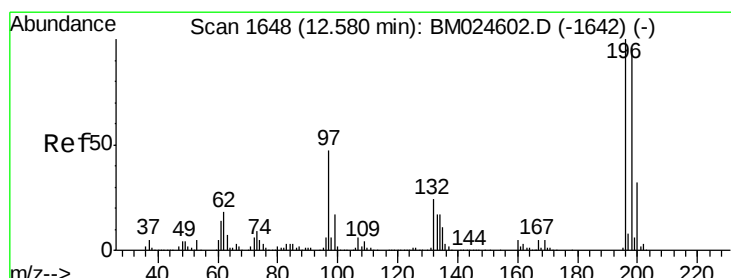
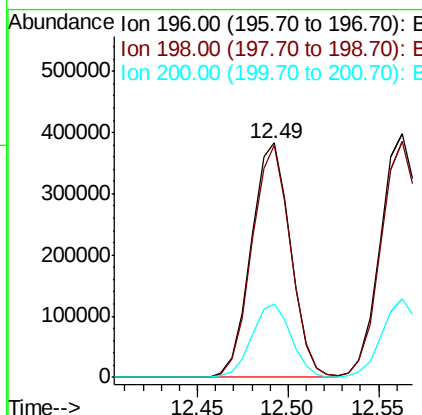
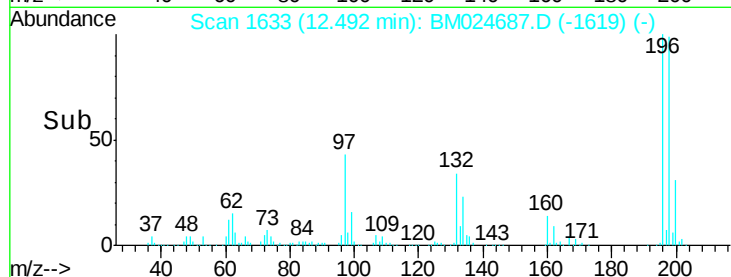
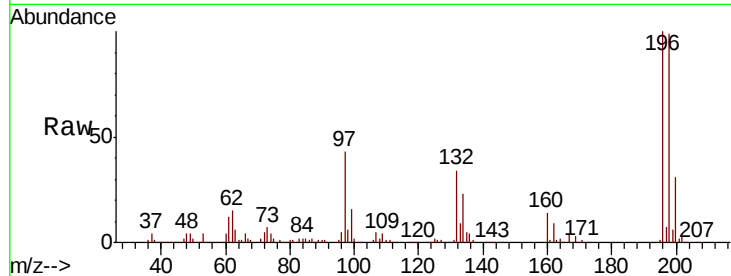
#43
 2,4,6-Trichlorophenol
 Concen: 51.353 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	579518		
198	99.0	76.5	114.7	
200	31.3	25.0	37.6	

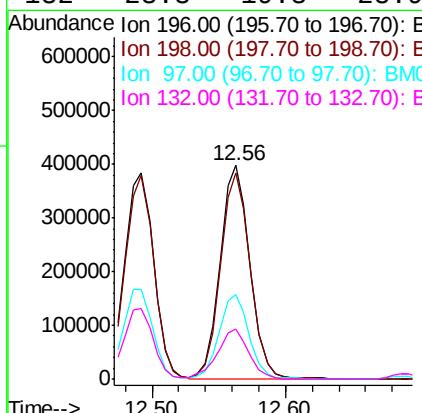
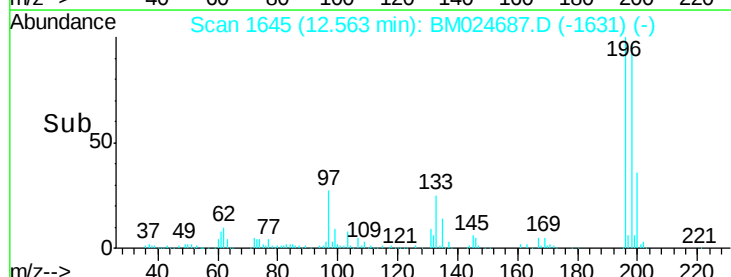
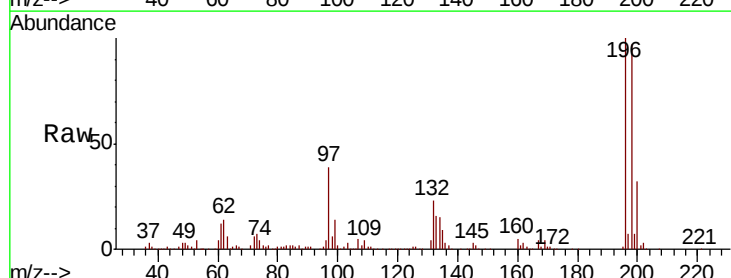
Manual Integrations
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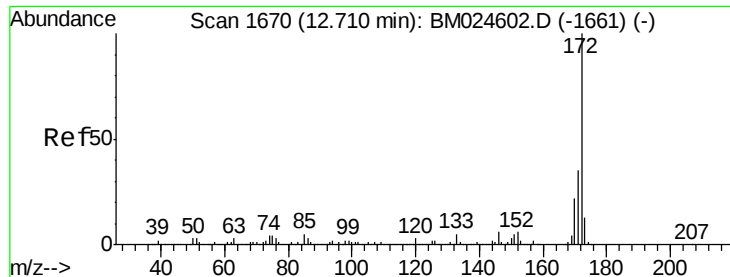
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 53.496 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	616548		
198	96.7	77.2	115.8	
97	39.5	37.4	56.0	
132	23.3	19.3	28.9	





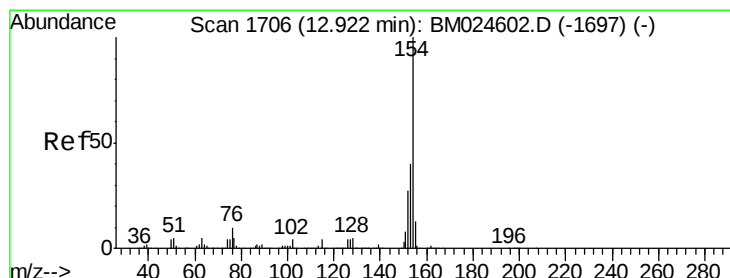
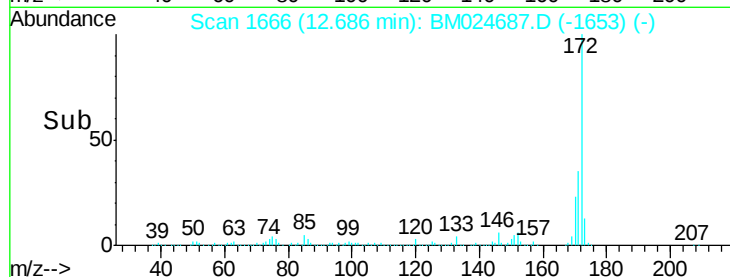
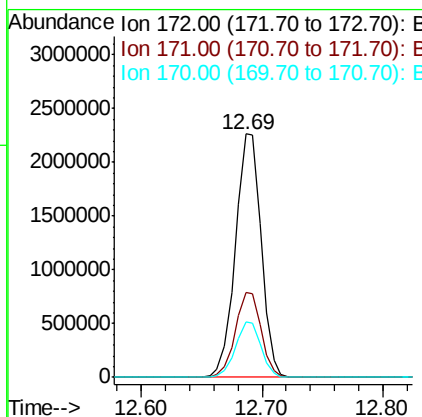
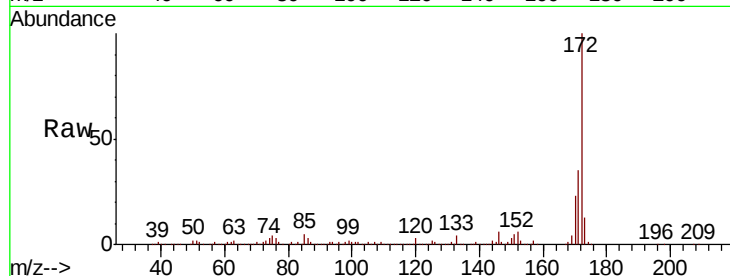
#45
2-Fluorobiphenyl
Concen: 92.038 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.6	17.9	26.9

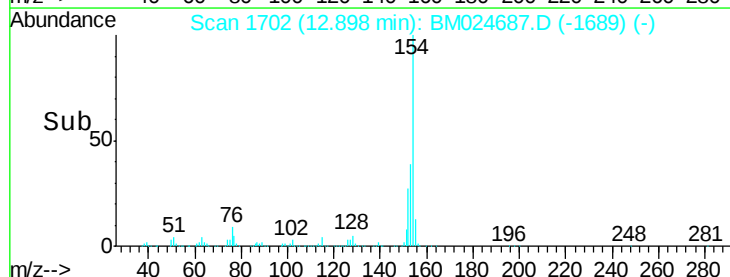
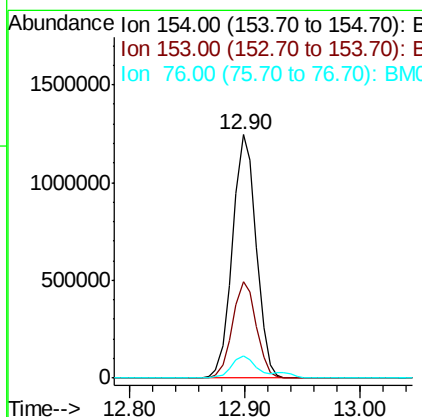
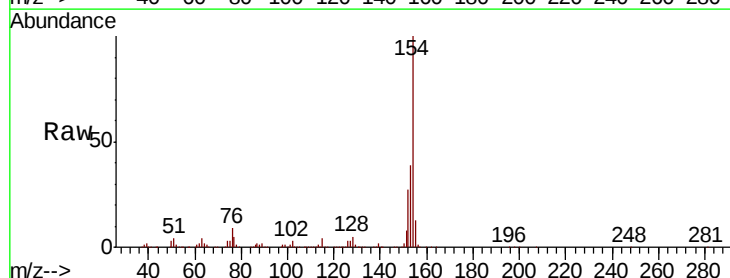
Manual Integrations
APPROVED

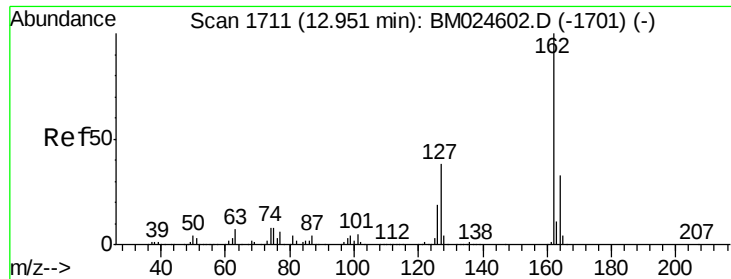
mohammad
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#46
1,1'-Biphenyl
Concen: 47.093 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.3	60.3
76	9.2	0.0	30.5





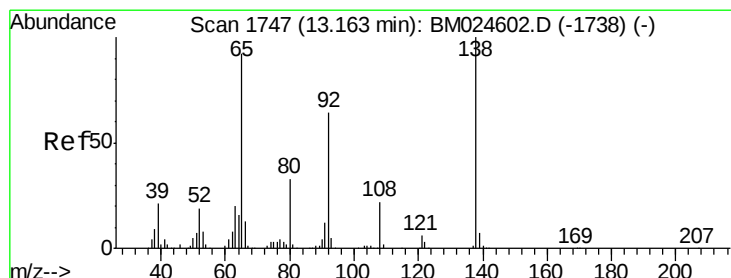
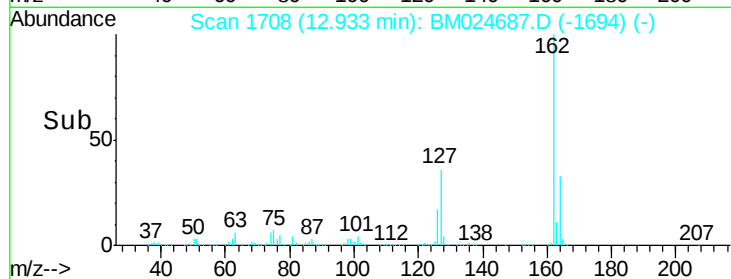
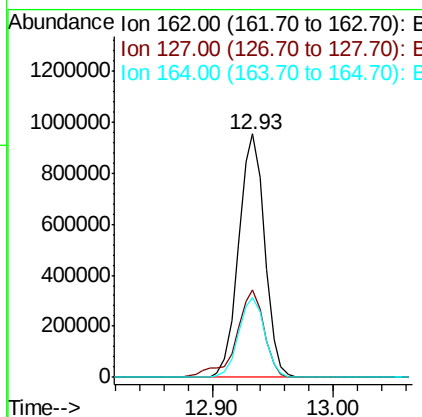
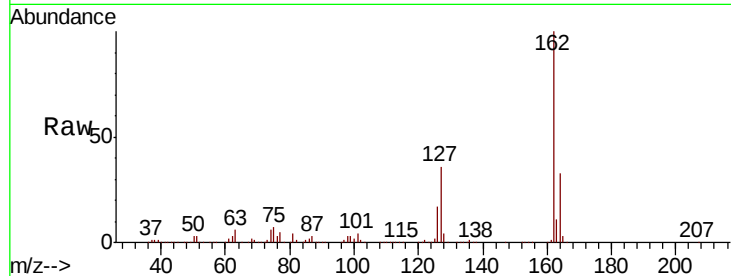
#47
2-Chloronaphthalene
Concen: 46.942 ng
RT: 12.93 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	30.4	45.6
164	32.8	26.5	39.7

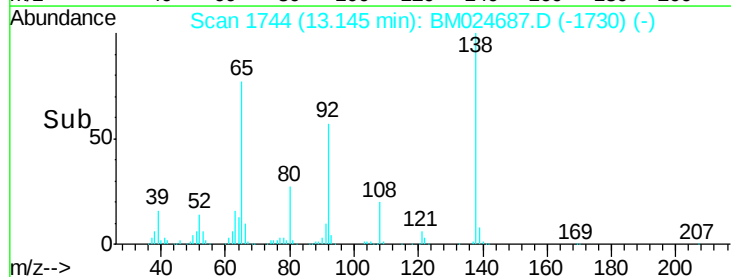
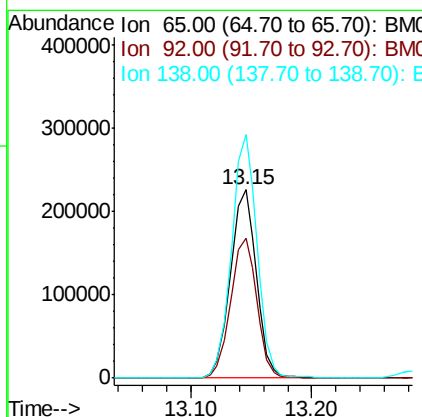
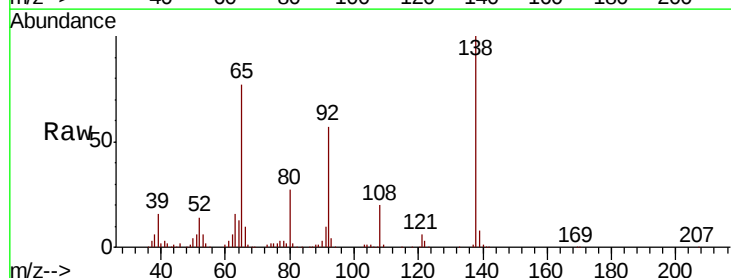
Manual Integrations
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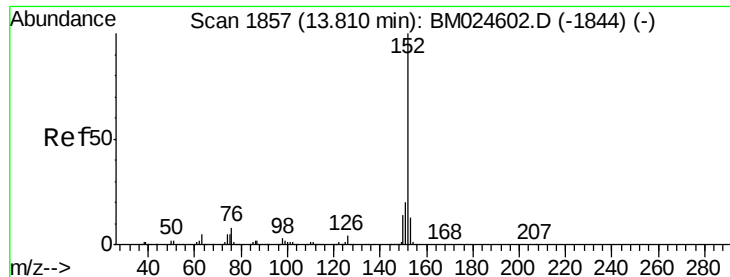
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#48
2-Nitroaniline
Concen: 36.660 ng
RT: 13.15 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	55.4	83.2
138	129.4	86.6	129.8





#49

Acenaphthylene

Concen: 49.139 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

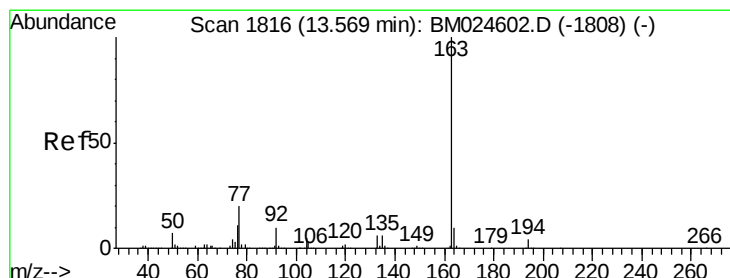
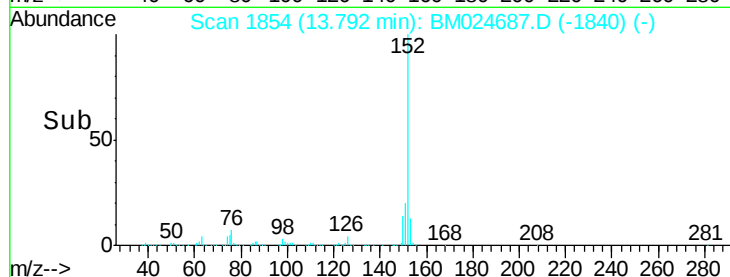
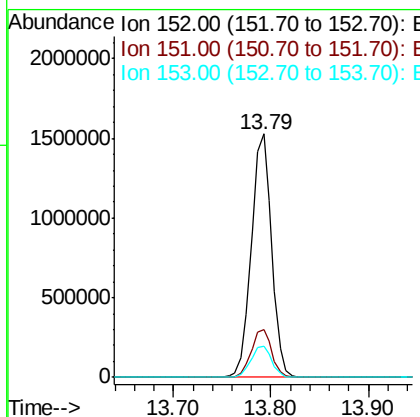
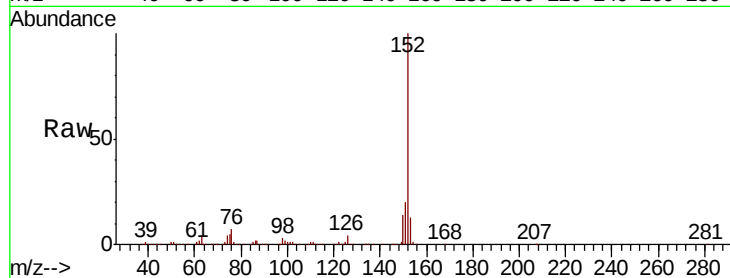
ClientSampleId :

BU-01-012920MS

Tot Ion:	152	Resp:	2233133
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

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#50

Dimethylphthalate

Concen: 49.196 ng

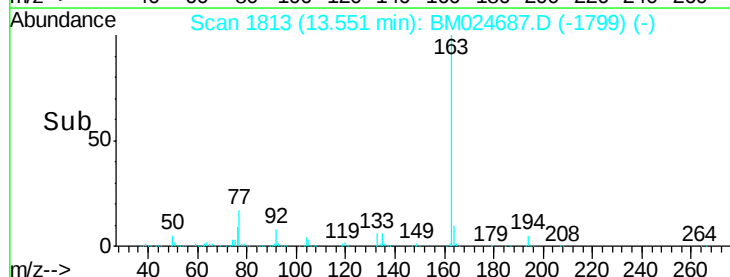
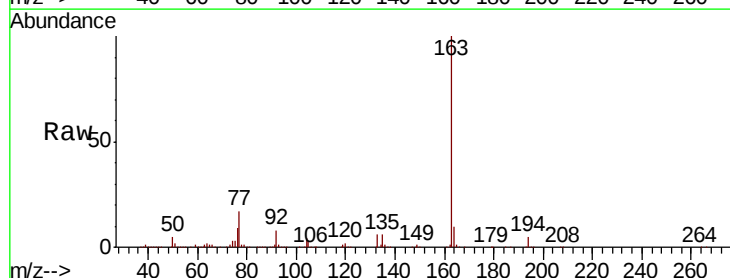
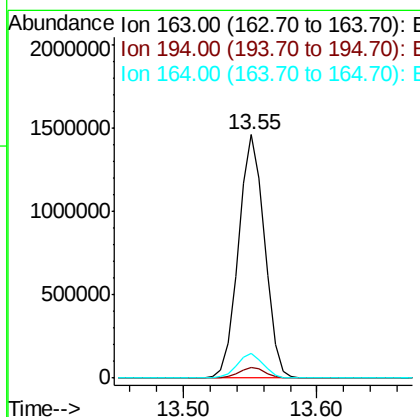
RT: 13.55 min Scan# 1813

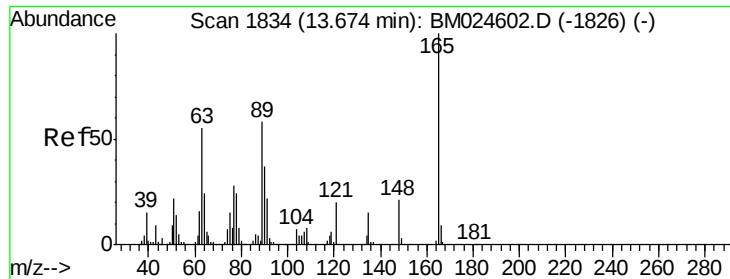
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:	163	Resp:	1976665
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.0	12.0





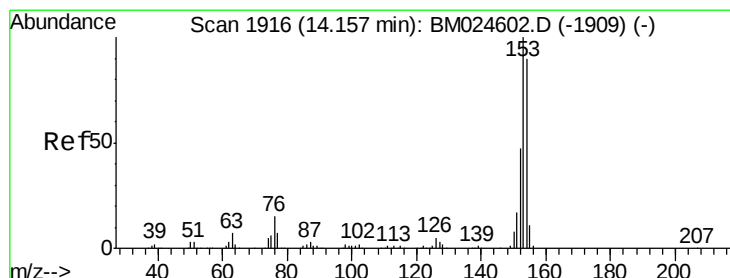
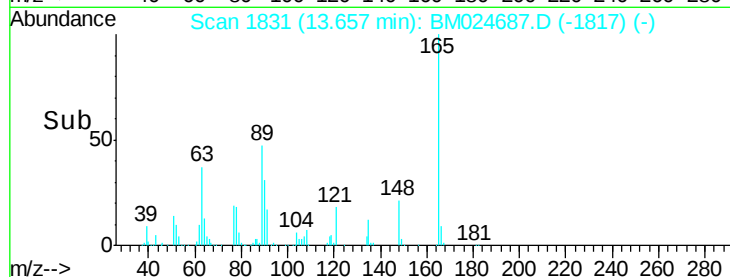
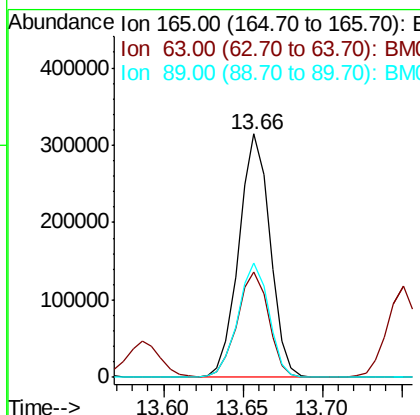
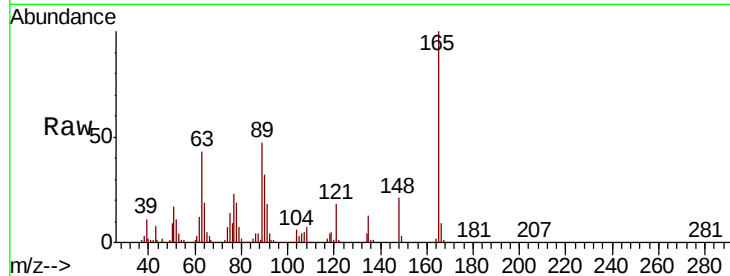
#51
2,6-Dinitrotoluene
Concen: 50.334 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	45.4	68.0#
89	47.0	46.6	69.8

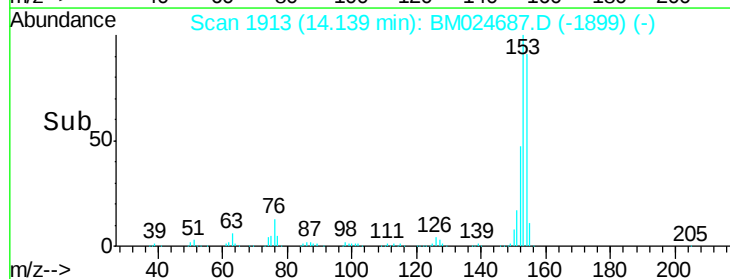
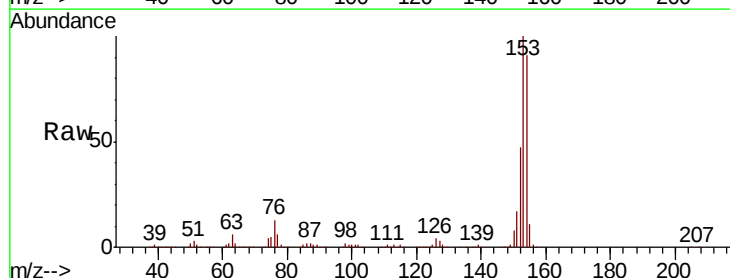
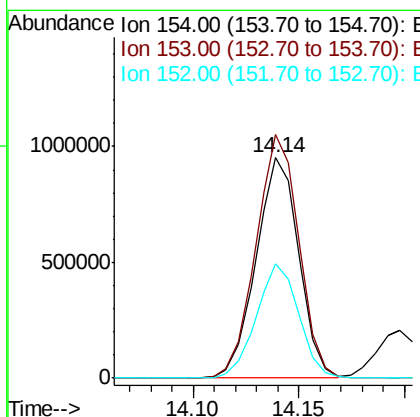
Manual Integrations
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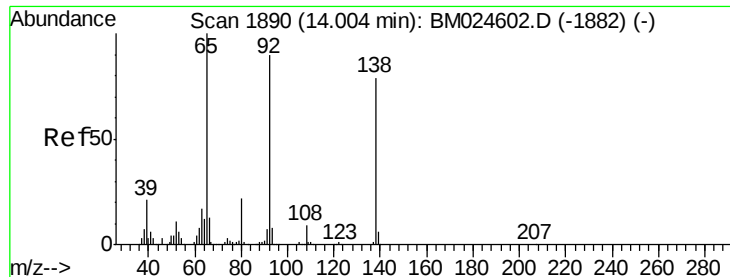
mohammad
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#52
Acenaphthene
Concen: 47.400 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.1	133.7
152	52.0	41.9	62.9





#53

3-Nitroaniline

Concen: 11.049 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

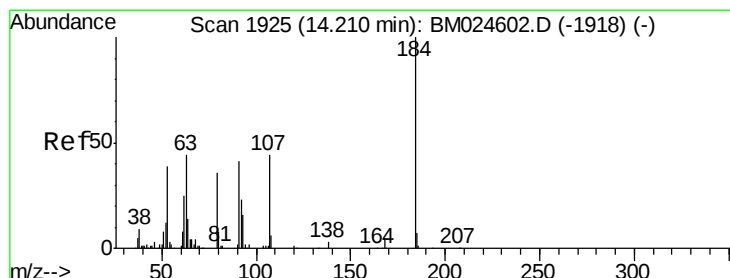
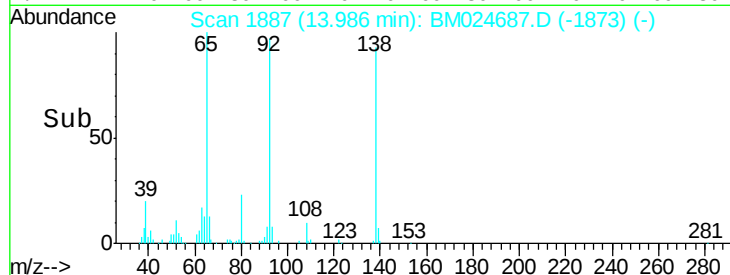
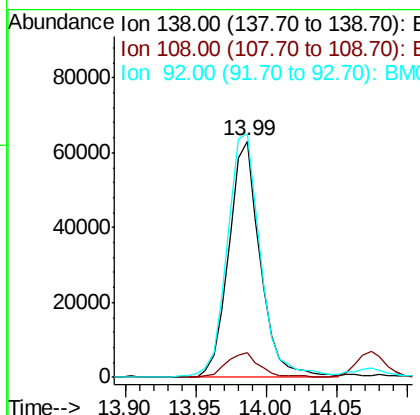
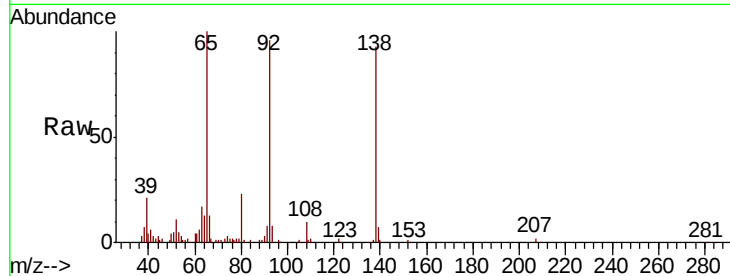
ClientSampleId :

BU-01-012920MS

Tot Ion:	138	Resp:	97899
Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	103.0	91.0	136.4

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#54

2,4-Dinitrophenol

Concen: 100.198 ng

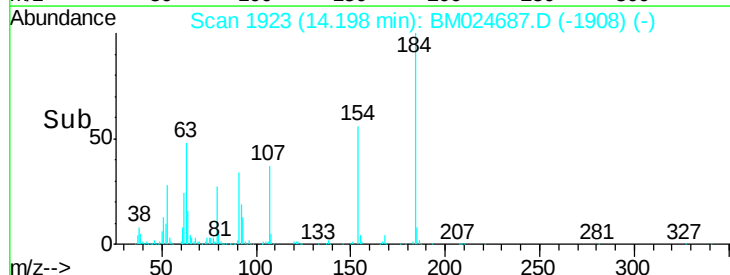
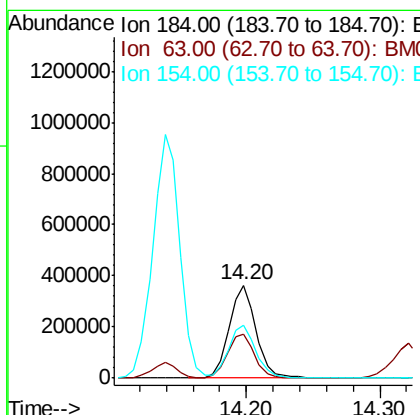
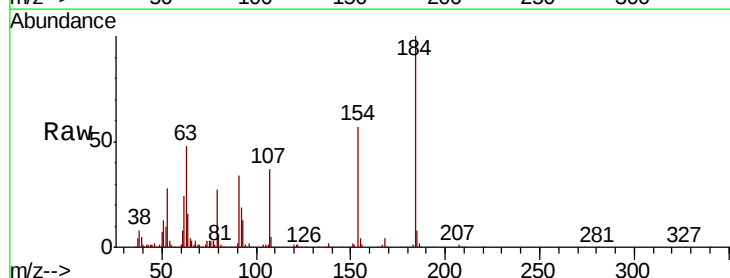
RT: 14.20 min Scan# 1923

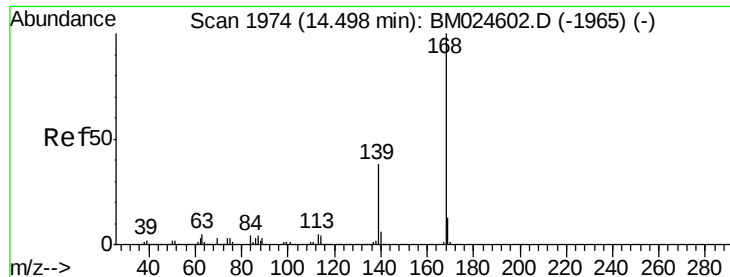
Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:	184	Resp:	511846
Ion	Ratio	Lower	Upper
184	100		
63	47.8	51.8	77.8#
154	57.2	50.2	75.4





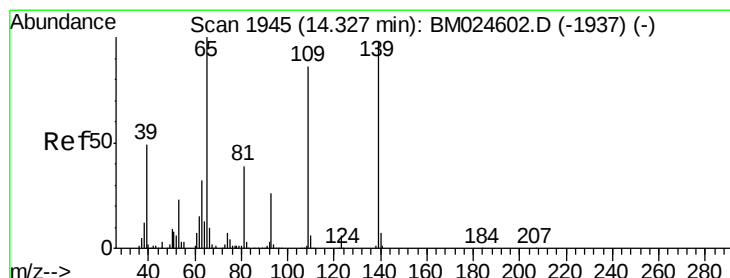
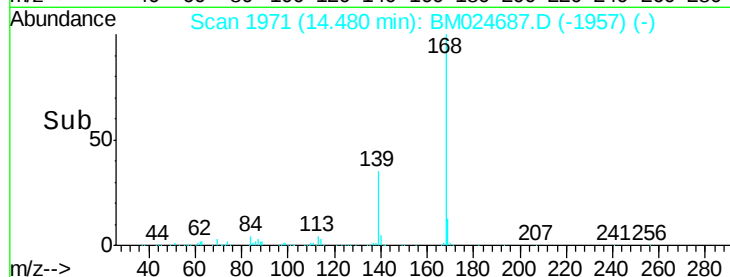
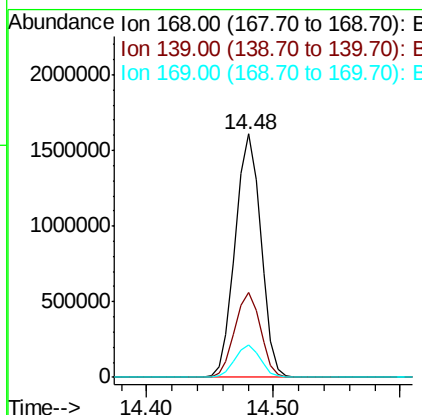
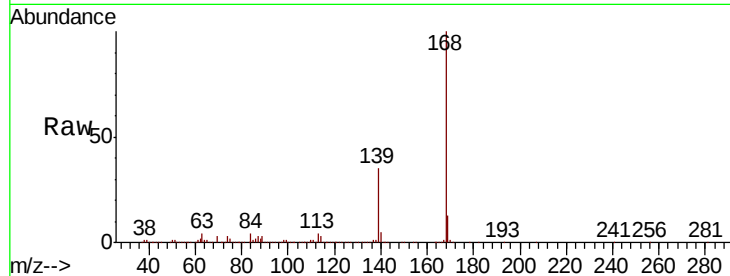
#55
Dibenzenofuran
Concen: 49.111 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	30.2	45.4
169	13.3	10.7	16.1

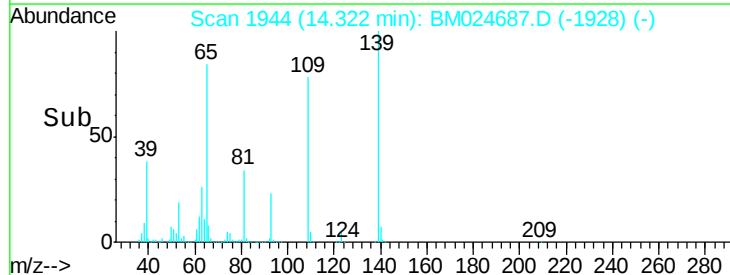
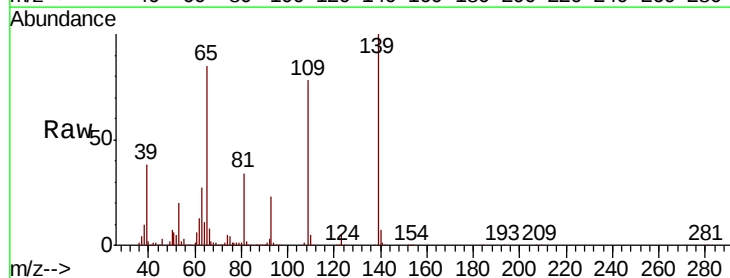
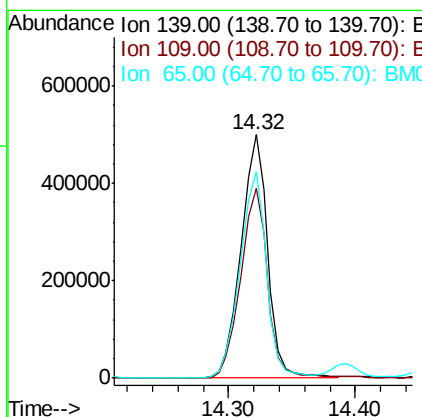
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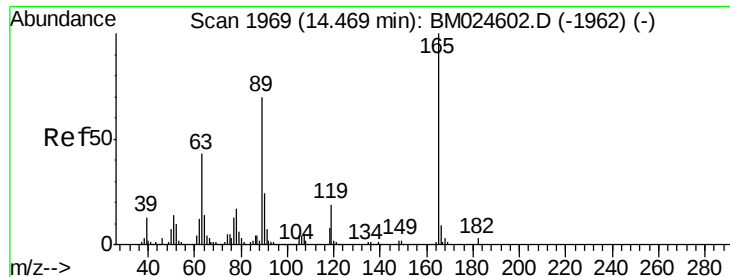
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#56
4-Nitrophenol
Concen: 105.567 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.8	67.4	107.4
65	84.6	82.1	122.1





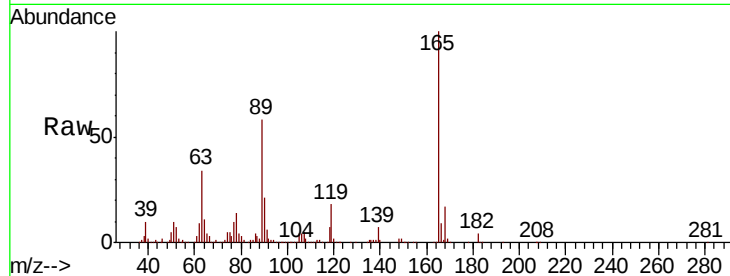
#57
2,4-Dinitrotoluene
Concen: 48.471 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	593426		
63	33.5		34.5	51.7#
89	58.2		55.8	83.8
182	3.5		2.3	3.5#

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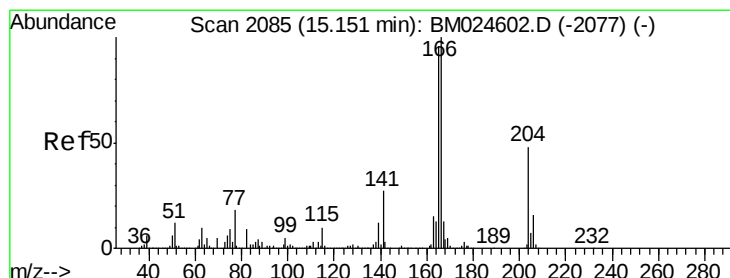
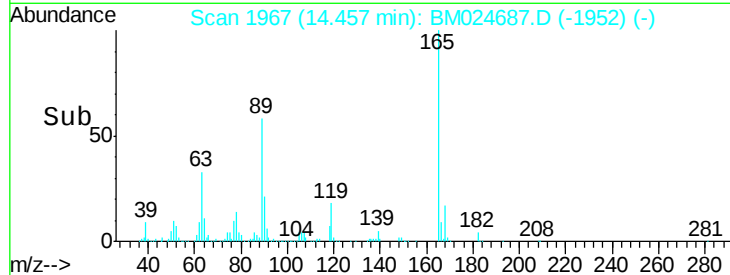
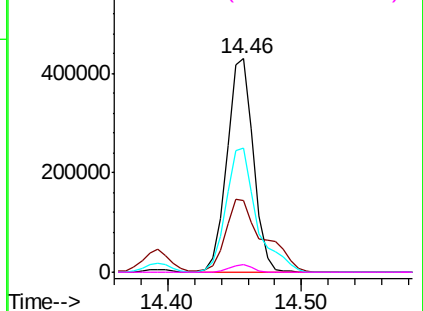
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.690 ng
RT: 15.13 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

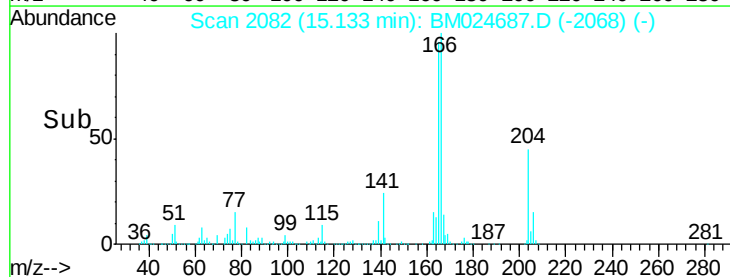
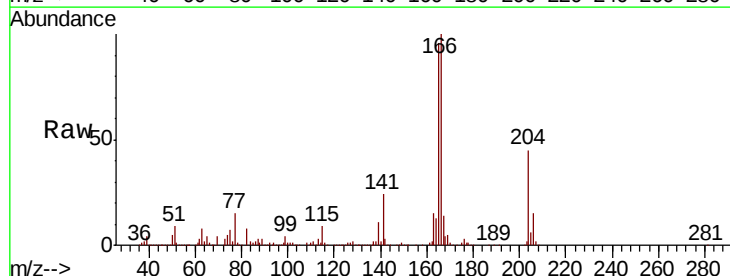
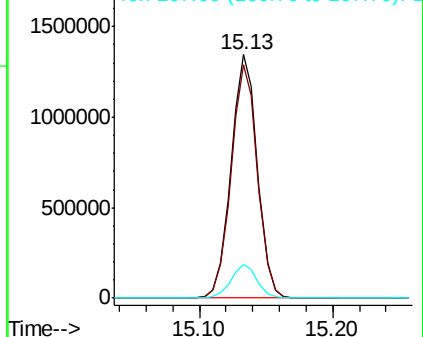
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1843189		
165	95.9		76.6	114.8
167	13.7		10.8	16.2

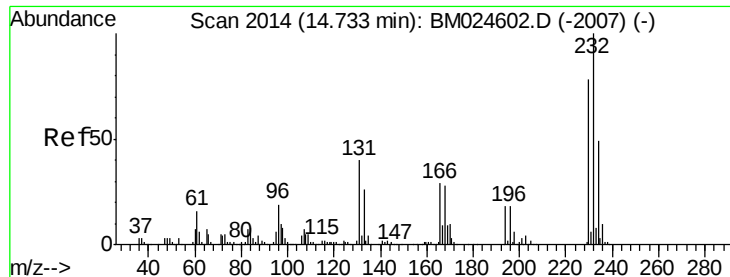
Abundance

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





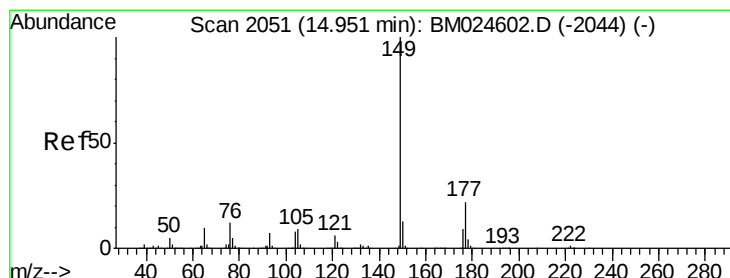
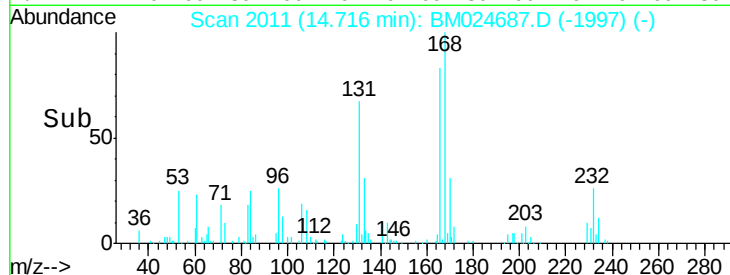
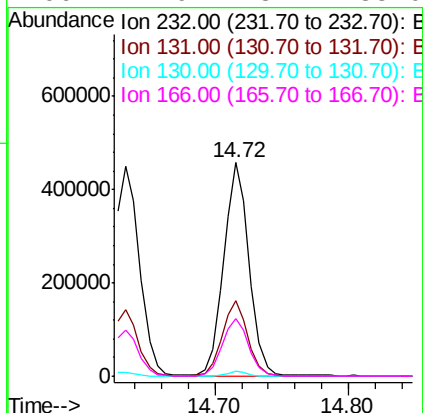
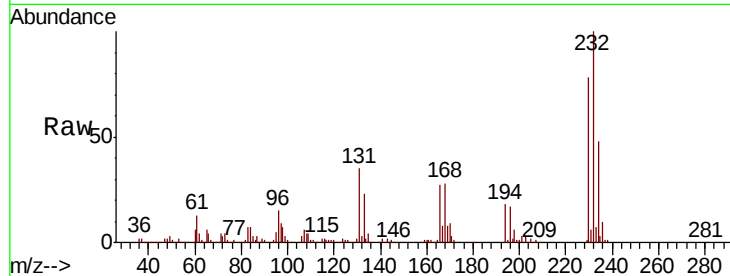
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.002 ng
RT: 14.72 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.3	32.2	48.4
130	2.1	1.9	2.9
166	27.9	23.4	35.0

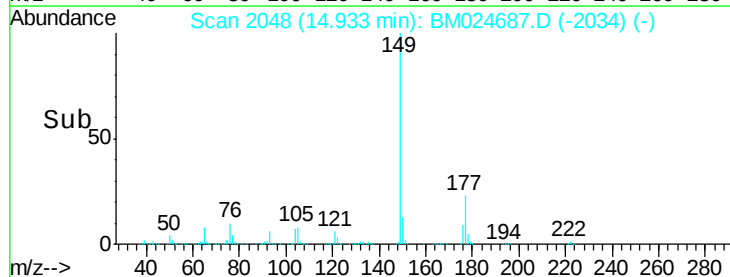
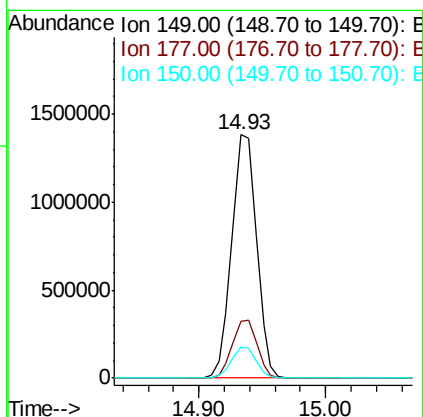
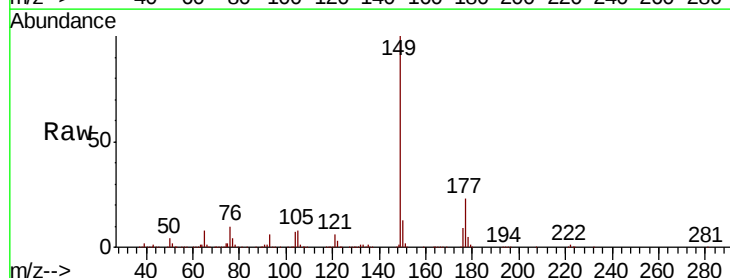
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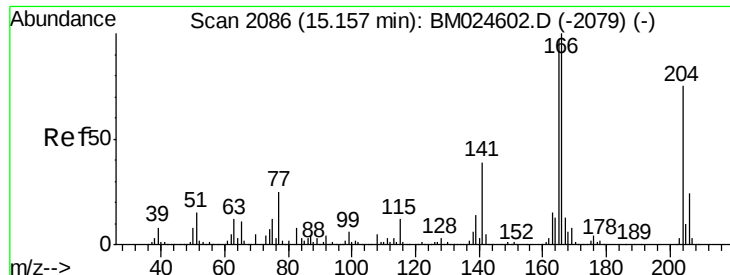
mohammad
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#60
Diethylphthalate
Concen: 45.946 ng
RT: 14.93 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.0	27.0
150	12.7	10.2	15.4





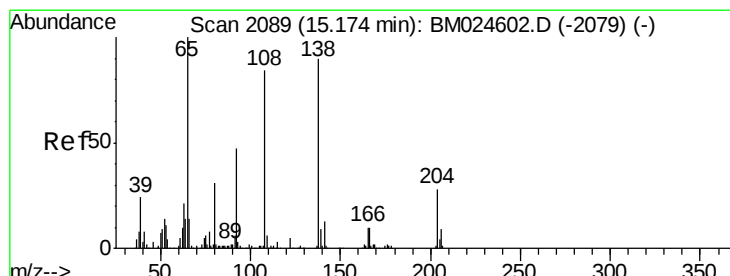
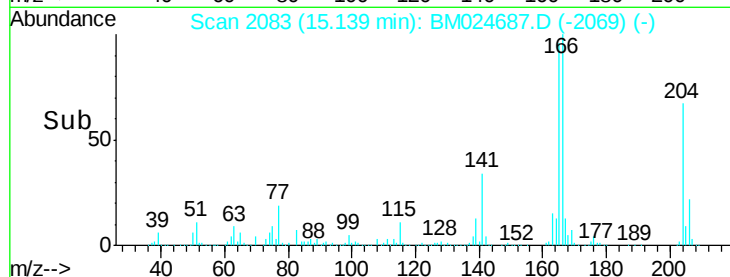
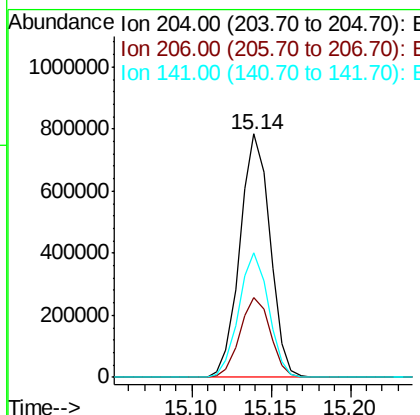
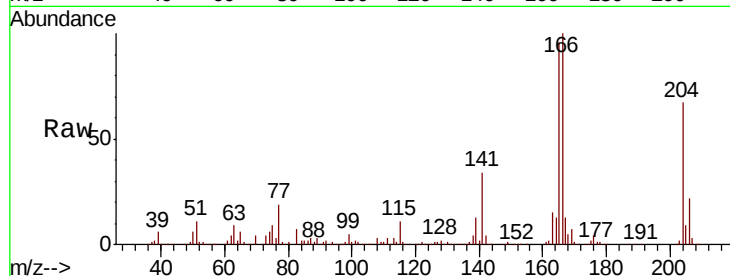
#61
 4-Chlorophenyl-phenylether
 Concen: 46.483 ng
 RT: 15.14 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	51.0	42.2	63.2

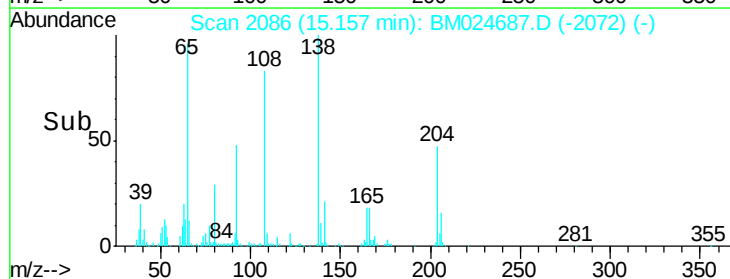
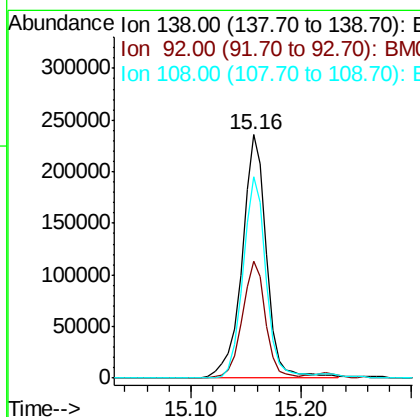
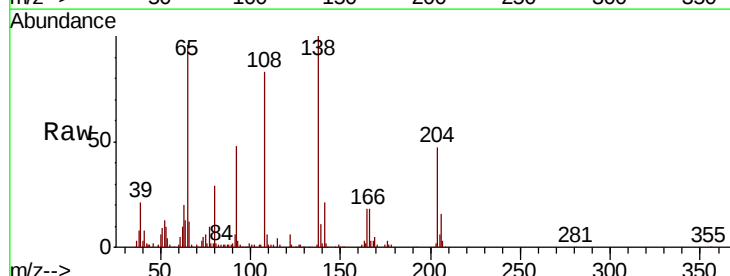
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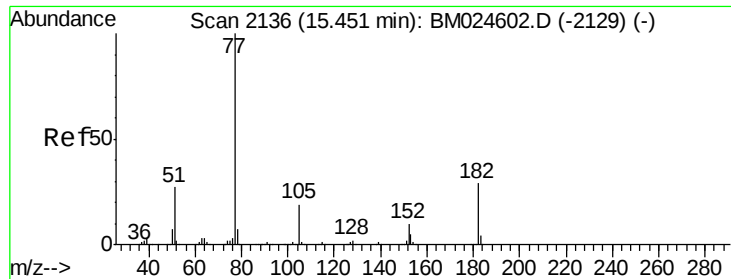
mohammad
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#62
 4-Nitroaniline
 Concen: 37.581 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	32.4	72.4
108	82.7	73.3	113.3





#63

Azobenzene

Concen: 40.557 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MS

Tot Ion: 77 Resp: 1411166

Ion Ratio Lower Upper

77 100

182 34.8 8.7 48.7

105 21.1 0.0 39.2

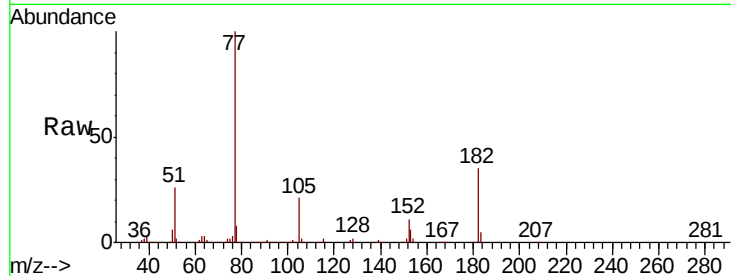
51 26.0 7.5 47.5

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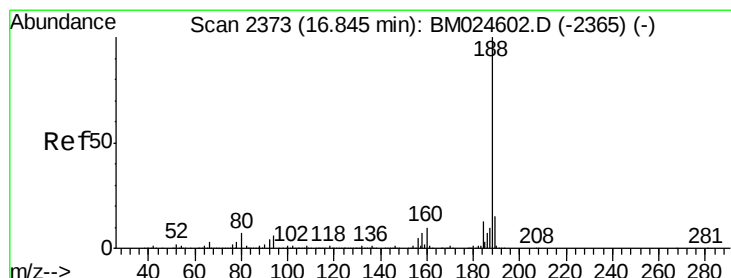
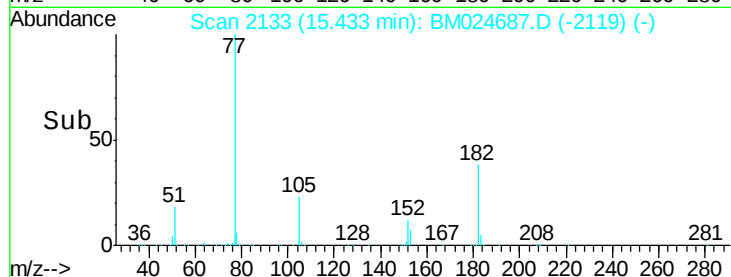
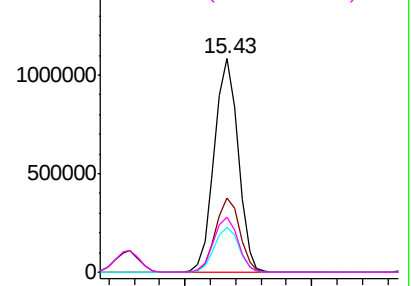


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

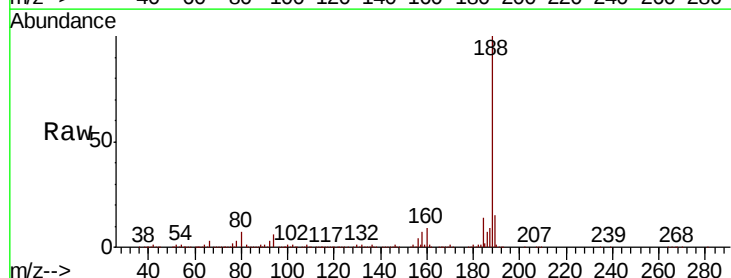
Tgt Ion: 188 Resp: 1161749

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.6

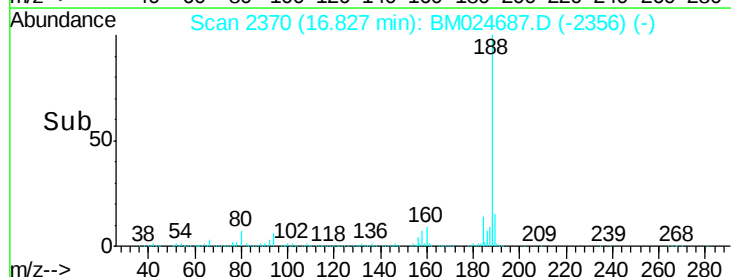
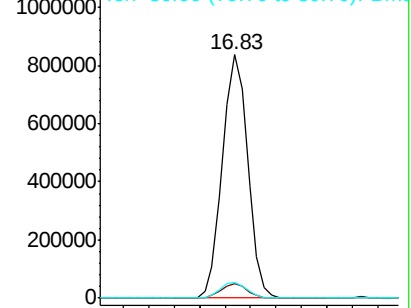
80 6.5 5.8 8.8

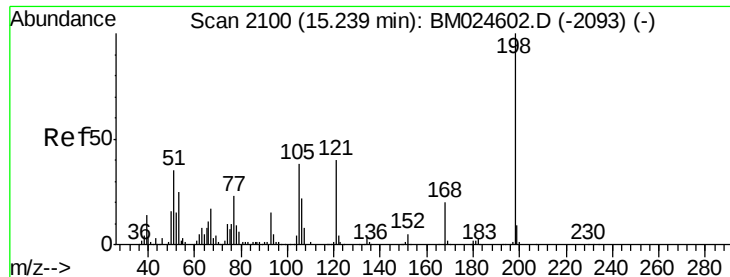


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 54.700 ng

RT: 15.22 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

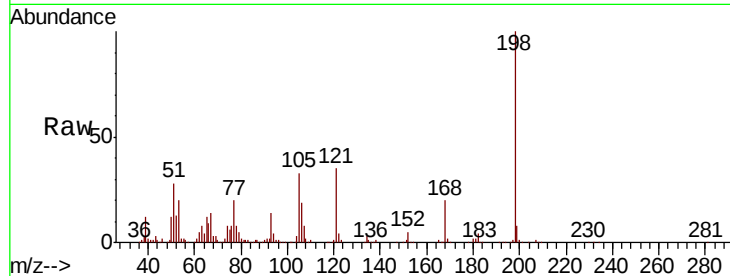
ClientSampleId :

BU-01-012920MS

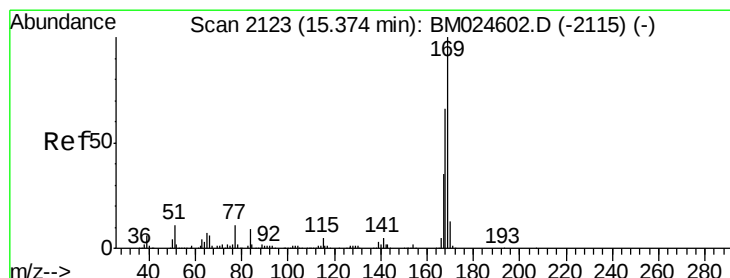
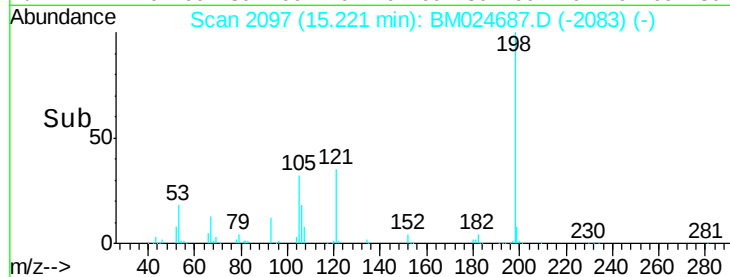
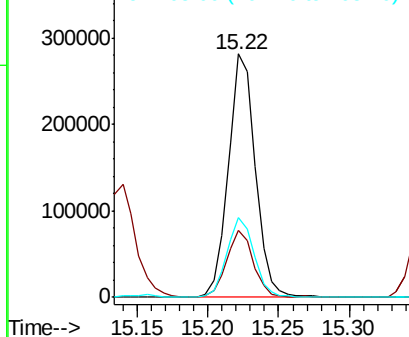
Tot Ion:	198	Resp:	373644
Ion Ratio	Lower	Upper	
198	100		
51	27.6	15.8	55.8
105	32.7	18.5	58.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.669 ng

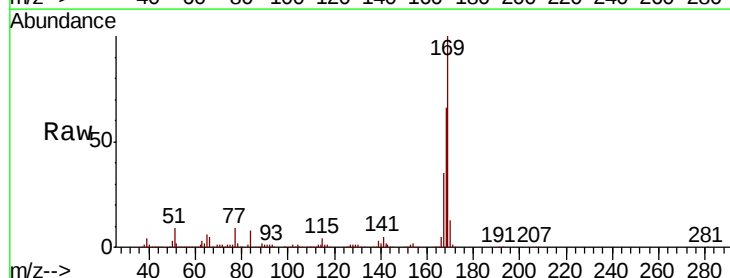
RT: 15.36 min Scan# 2120

Delta R.T. -0.02 min

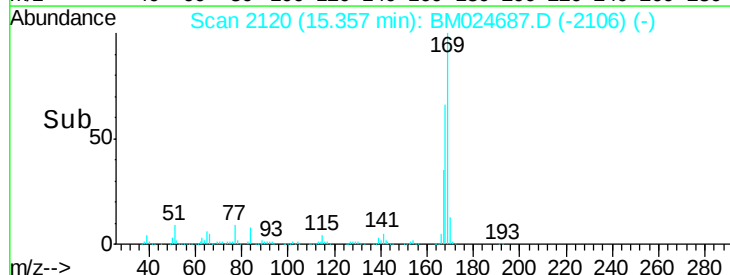
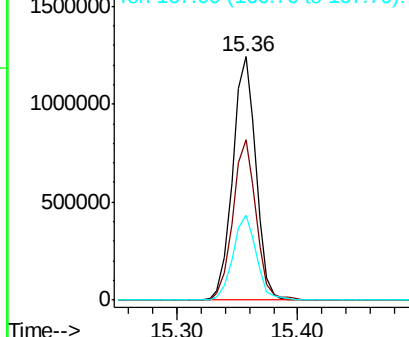
Lab File: BM024687.D

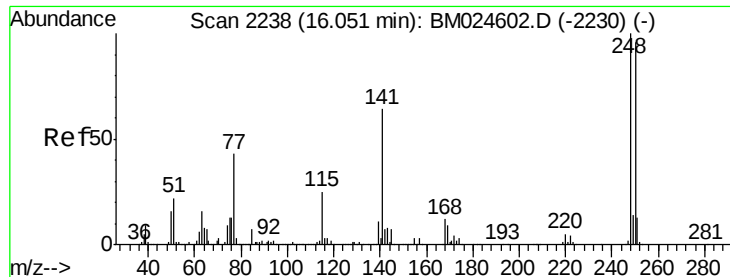
Acq: 31 Jan 2020 22:10

Tgt Ion:	169	Resp:	1657523
Ion Ratio	Lower	Upper	
169	100		
168	65.7	52.8	79.2
167	34.9	28.2	42.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





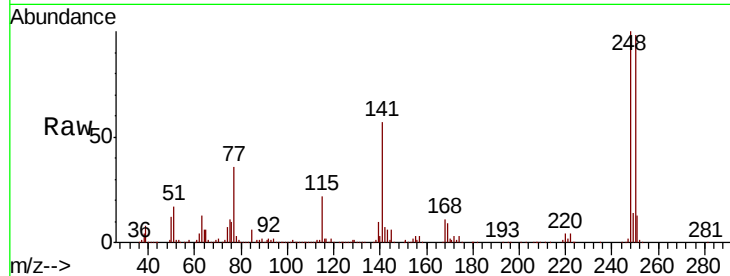
#67
4-Bromophenyl-phenylether
Concen: 48.828 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.0	115.6
141	57.1	50.9	76.3

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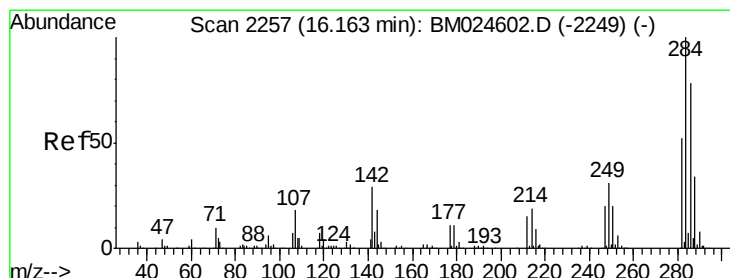
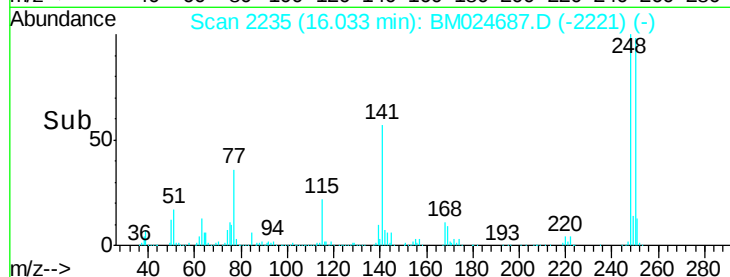
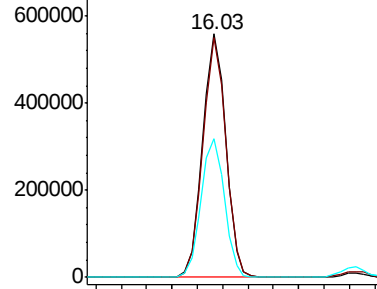


Abundance

Ion 248.00 (247.70 to 248.70): E

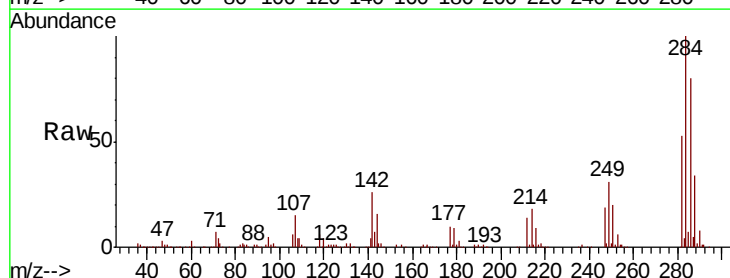
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.177 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	23.5	35.3
249	31.1	24.6	36.8

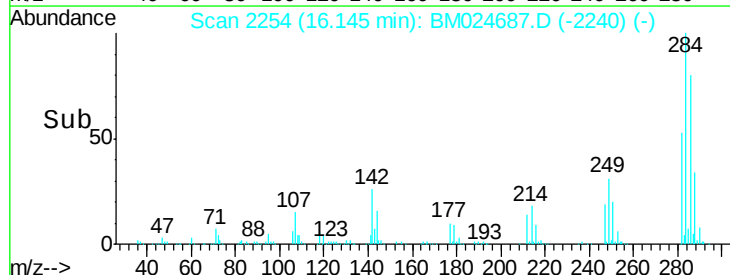
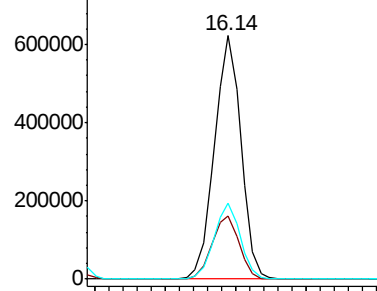


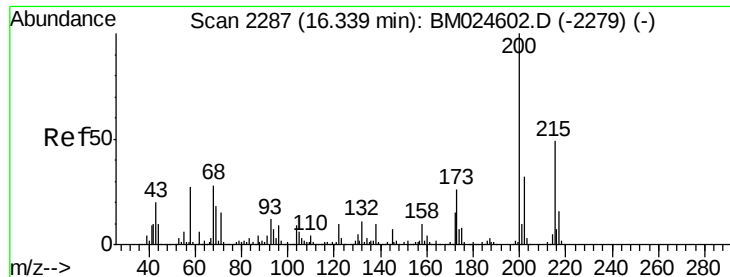
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 53.047 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

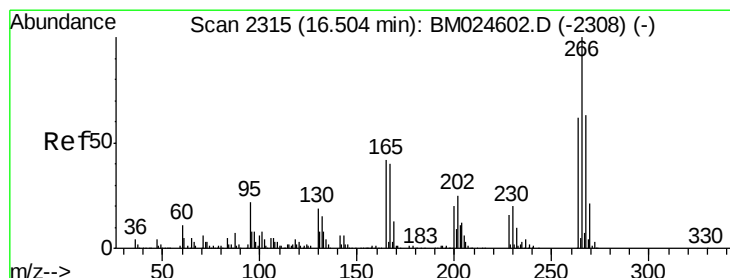
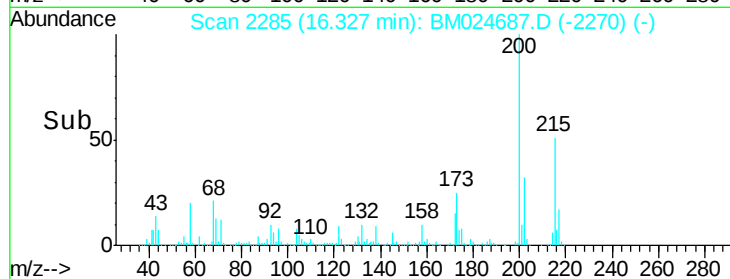
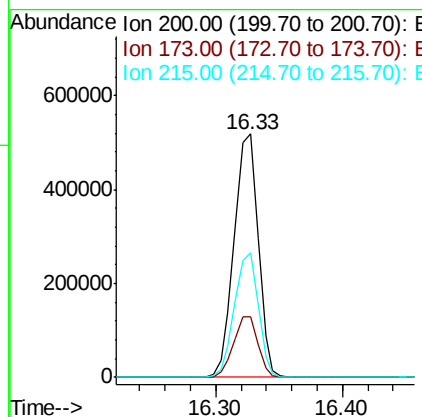
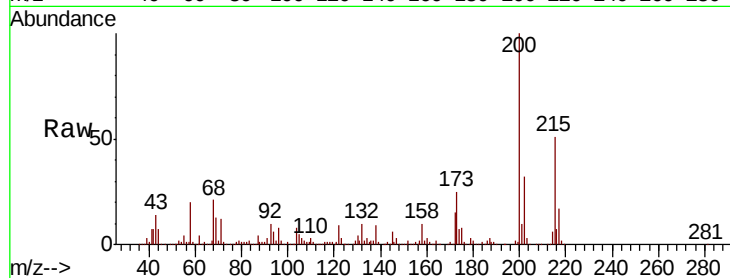
ClientSampleId :

BU-01-012920MS

Tot Ion:	200	Resp:	679502
Ion Ratio	Lower	Upper	
200	100		
173	25.1	5.5	45.5
215	50.9	29.4	69.4

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#70

Pentachlorophenol

Concen: 108.653 ng

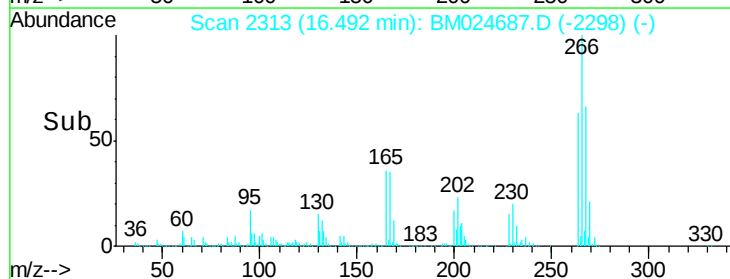
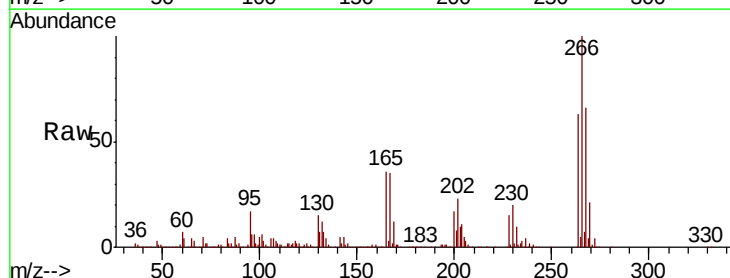
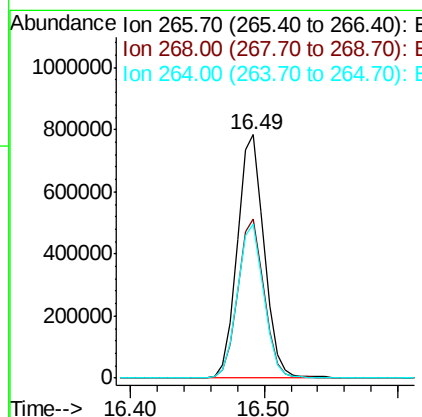
RT: 16.49 min Scan# 2313

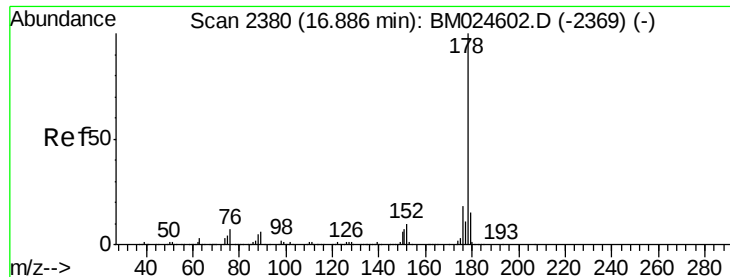
Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:	266	Resp:	1097234
Ion Ratio	Lower	Upper	
266	100		
268	65.6	50.4	75.6
264	63.4	49.9	74.9





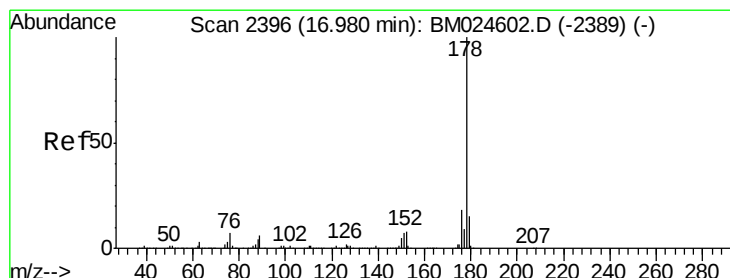
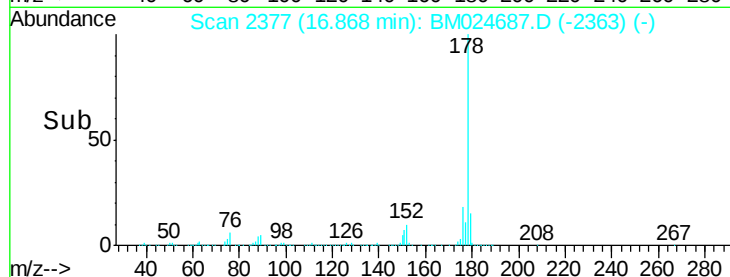
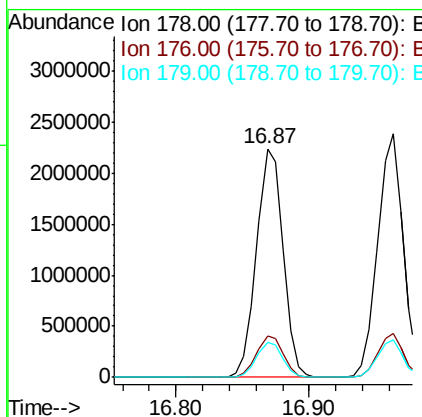
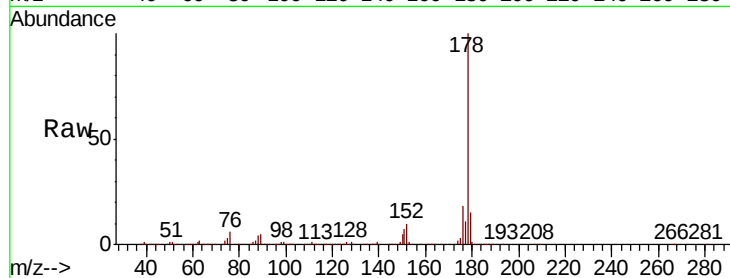
#71
Phenanthrene
Concen: 48.752 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.4	11.9	17.9

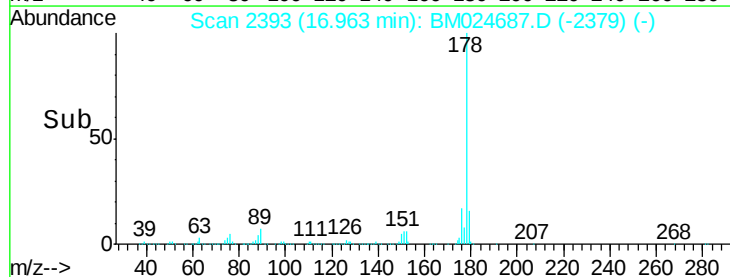
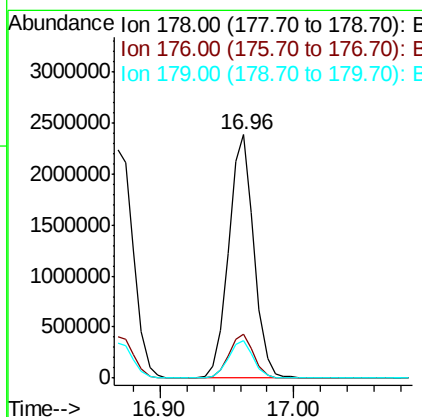
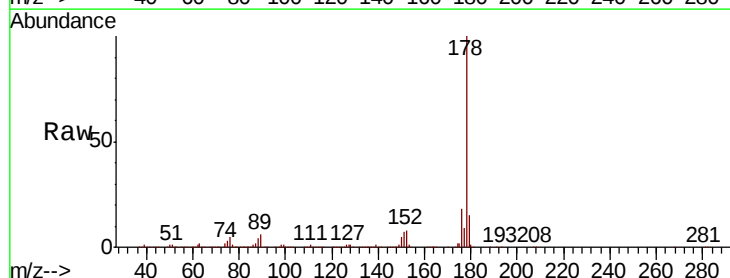
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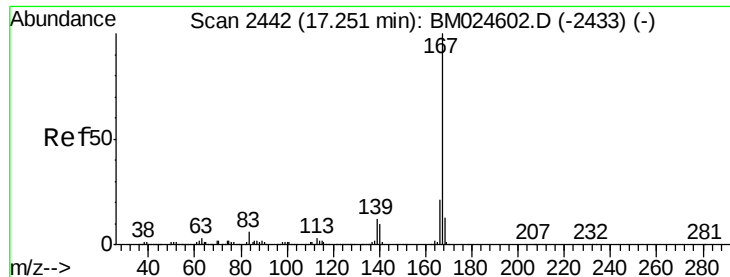
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#72
Anthracene
Concen: 50.829 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.3	21.5
179	15.4	12.1	18.1





#73

Carbazole

Concen: 49.861 ng

RT: 17.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MS

Tot Ion:167 Resp: 2794088

Ion Ratio Lower Upper

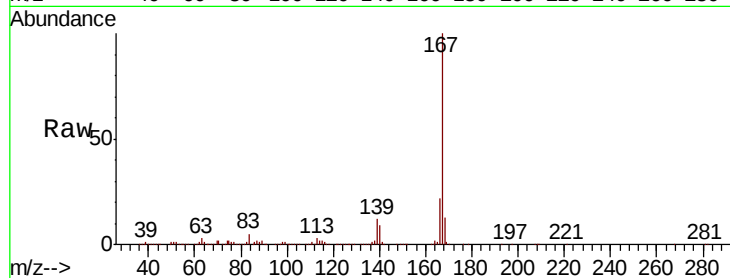
167 100

166 21.5 17.1 25.7

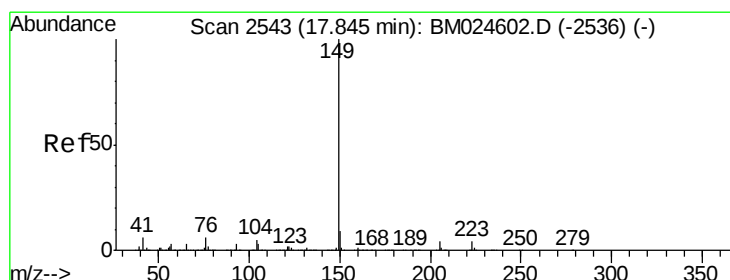
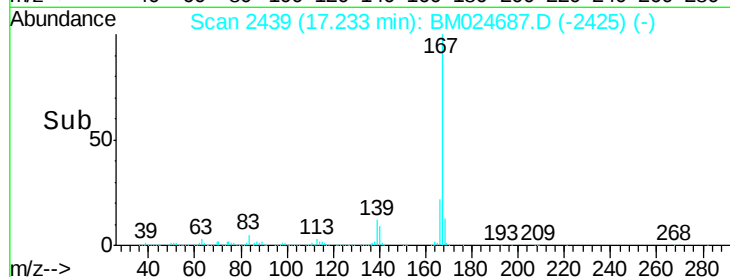
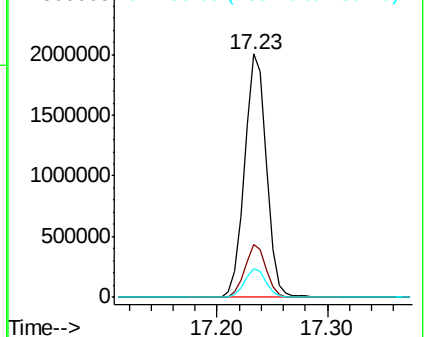
139 11.8 9.8 14.8

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



#74

Di-n-butylphthalate

Concen: 46.055 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

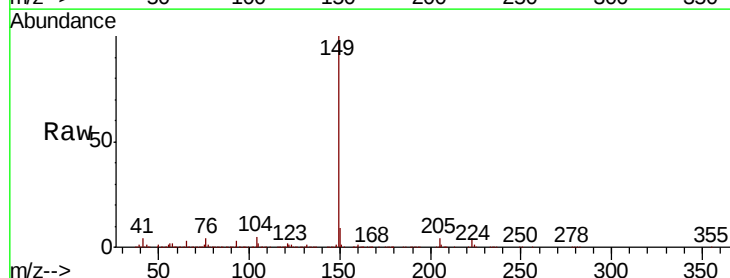
Tgt Ion:149 Resp: 3299297

Ion Ratio Lower Upper

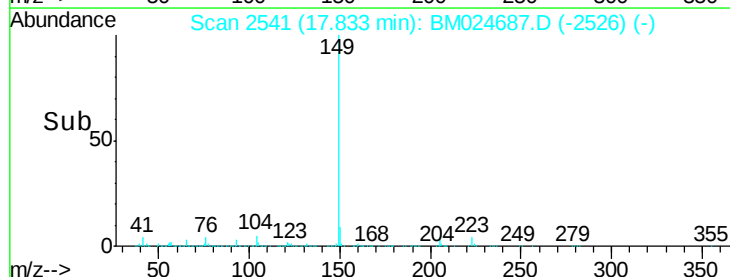
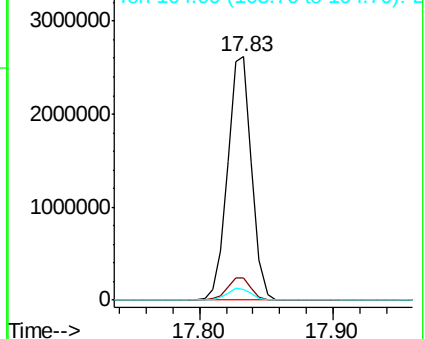
149 100

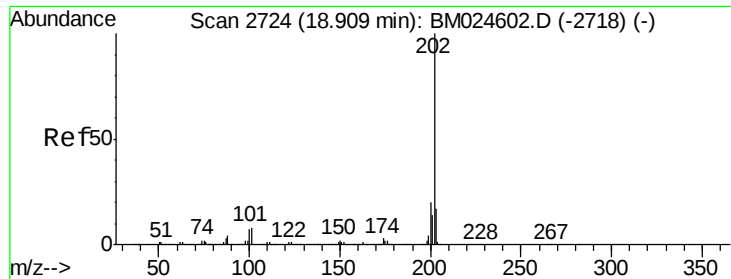
150 9.0 7.4 11.0

104 4.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.072 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

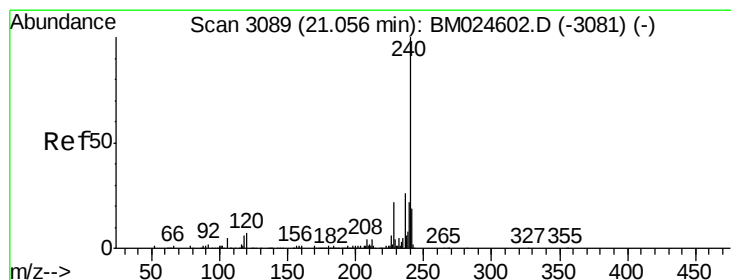
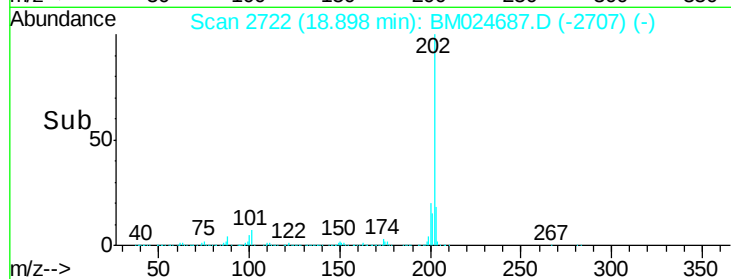
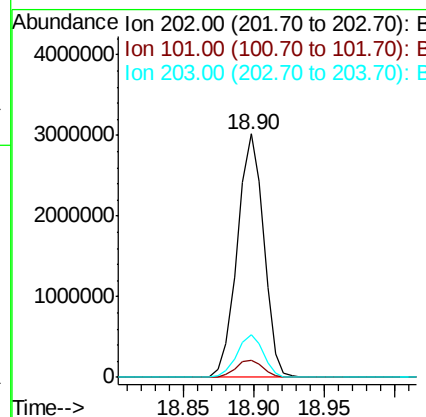
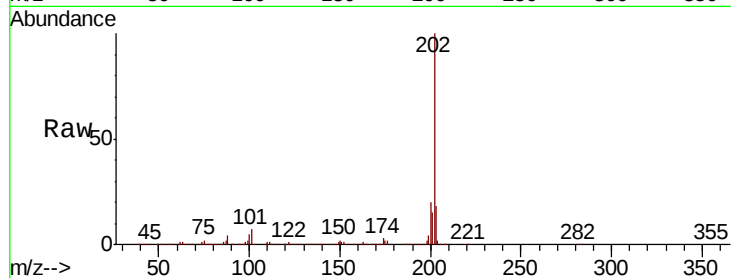
ClientSampleId :

BU-01-012920MS

Tot Ion:	202	Resp:	3931635
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.4
203	17.7	0.0	37.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

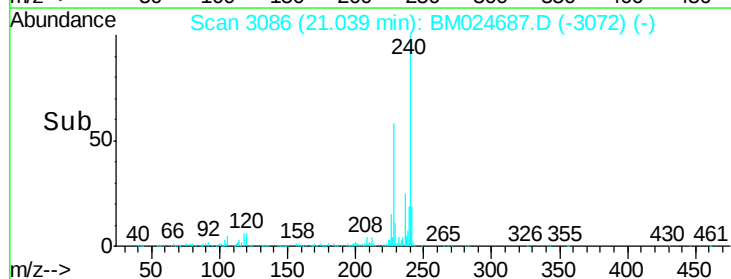
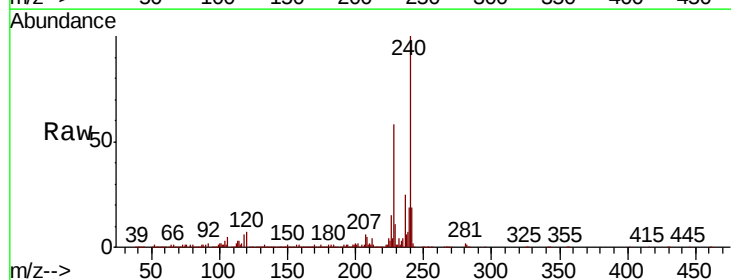
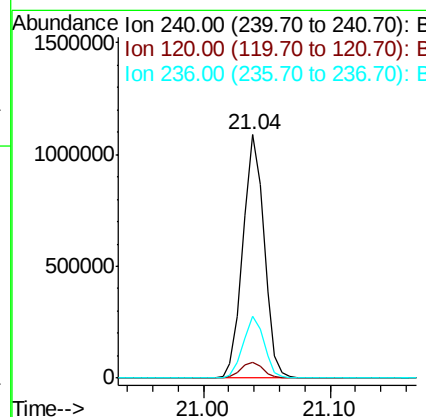
RT: 21.04 min Scan# 3086

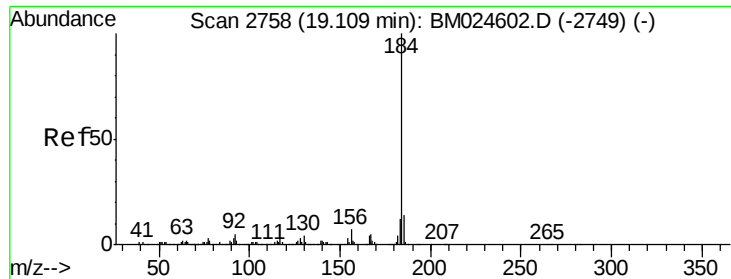
Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Tgt Ion:	240	Resp:	1261719
Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.3	7.9
236	25.2	20.6	31.0





#77

Benzidine

Concen: 39.265 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MS

Tot Ion:184 Resp: 1153754

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

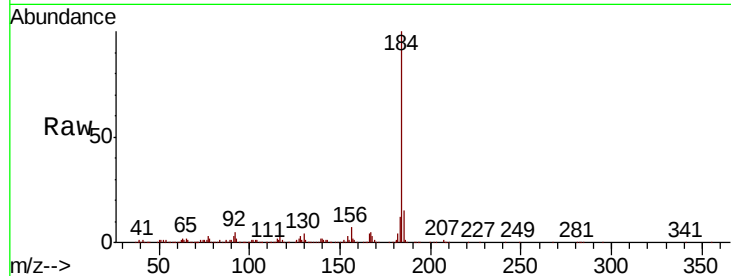
183 12.1 9.6 14.4

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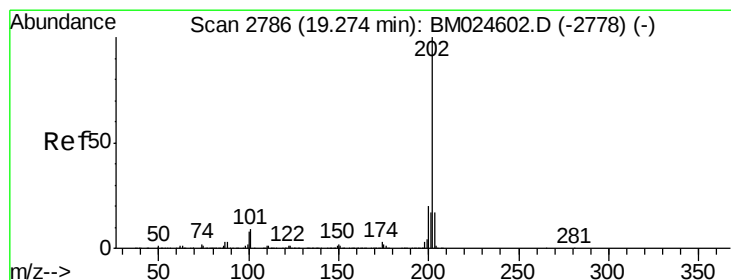
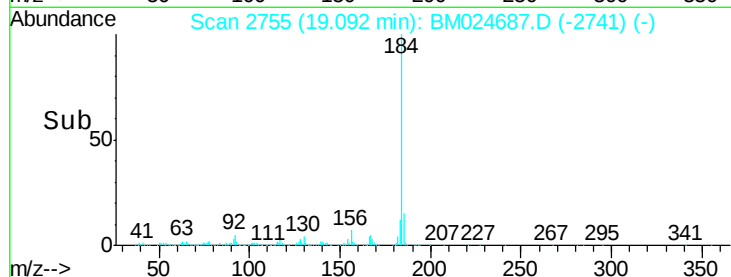
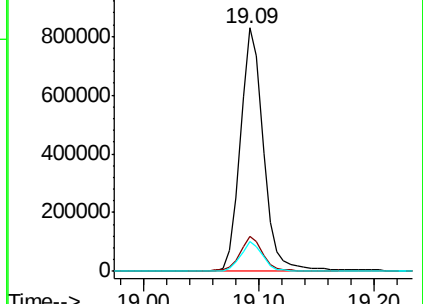
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.602 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

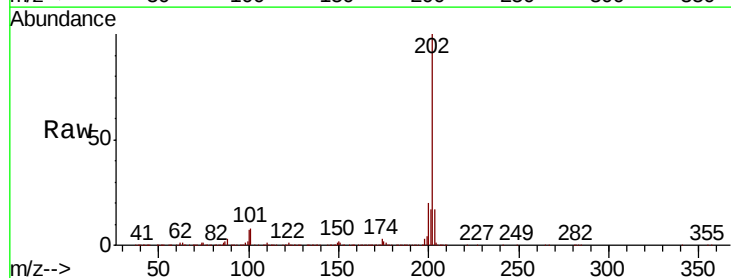
Tgt Ion:202 Resp: 4042615

Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

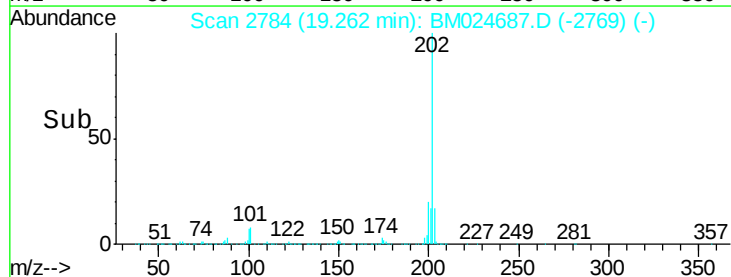
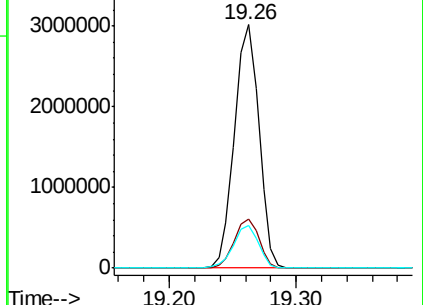
203 17.4 14.0 21.0

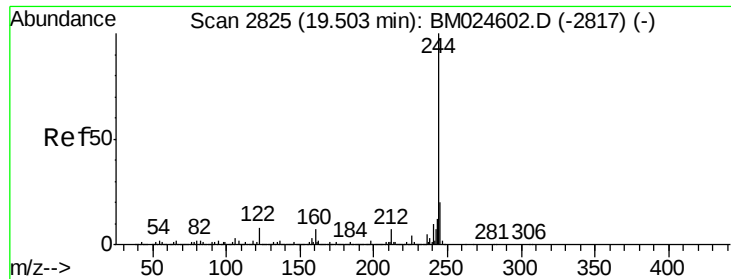


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





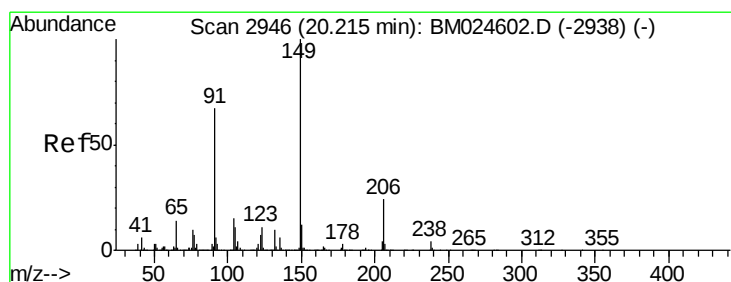
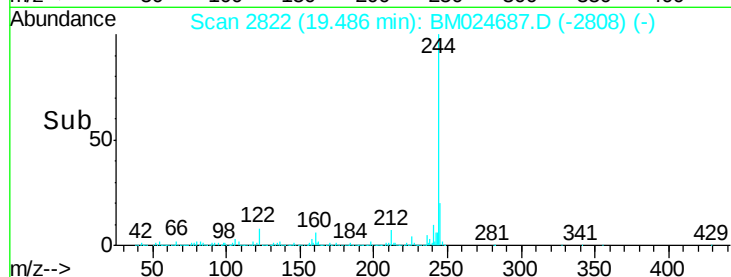
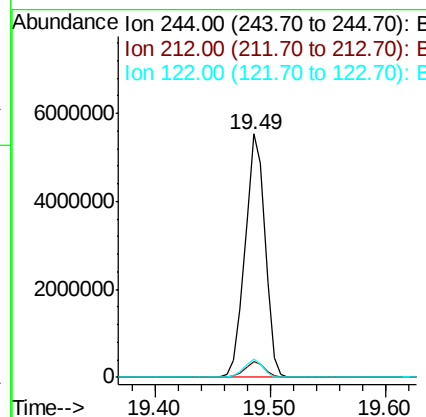
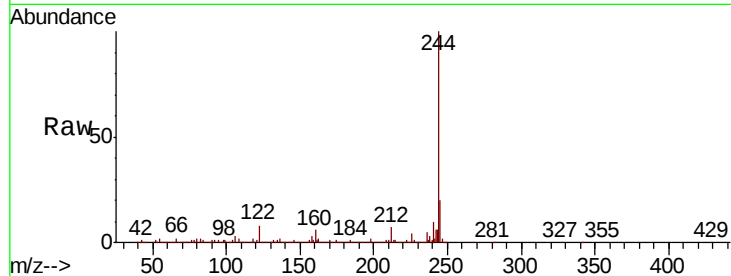
#79
 Terphenyl-d14
 Concen: 98.377 ng
 RT: 19.49 min Scan# 2822
 Delta R.T. -0.02 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	7.6	6.2	9.4

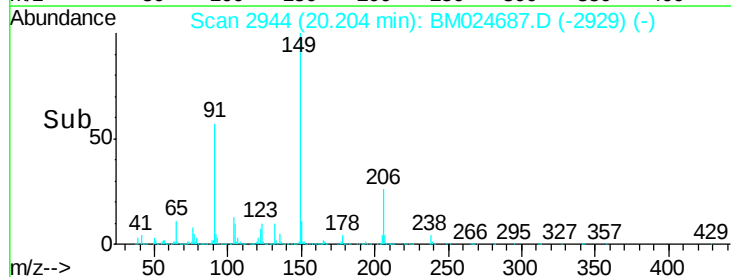
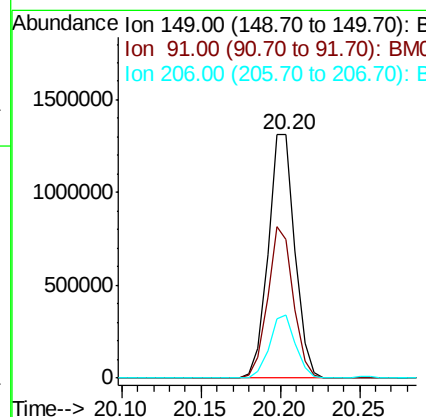
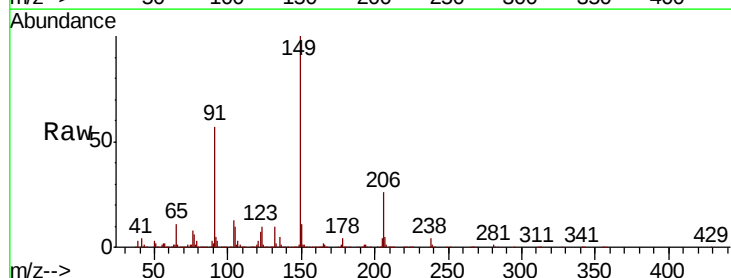
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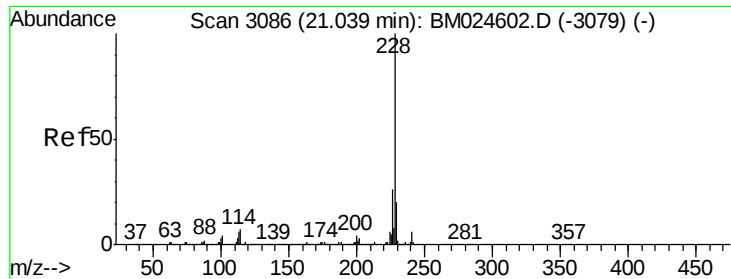
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.249 ng
 RT: 20.20 min Scan# 2944
 Delta R.T. -0.01 min
 Lab File: BM024687.D
 Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	56.8	53.9	80.9
206	25.9	19.0	28.6





#81

Benzo(a)anthracene

Concen: 48.067 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MS

Tot Ion:228 Resp: 4209277

Ion Ratio Lower Upper

228 100

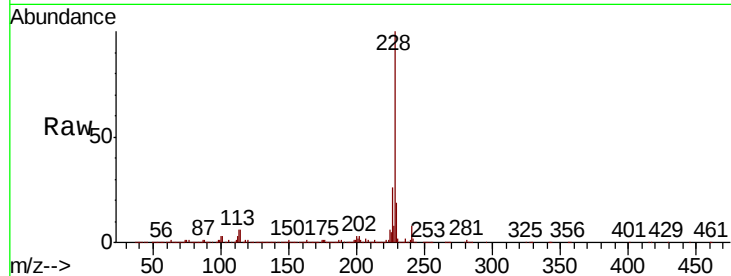
226 26.2 21.1 31.7

229 19.5 15.8 23.6

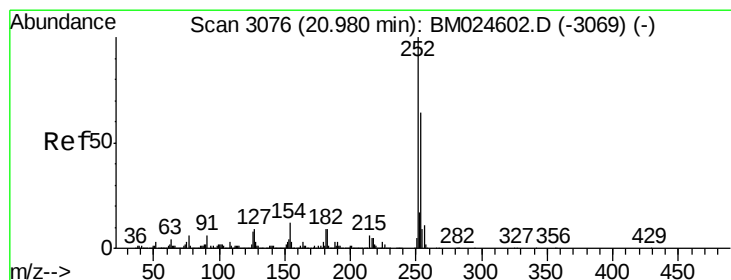
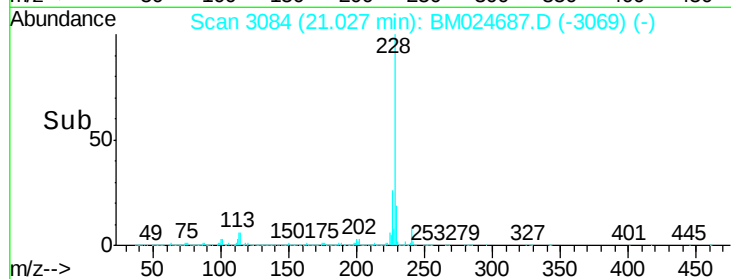
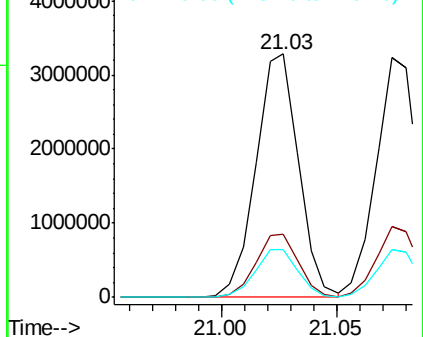
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.970 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024687.D

Acq: 31 Jan 2020 22:10

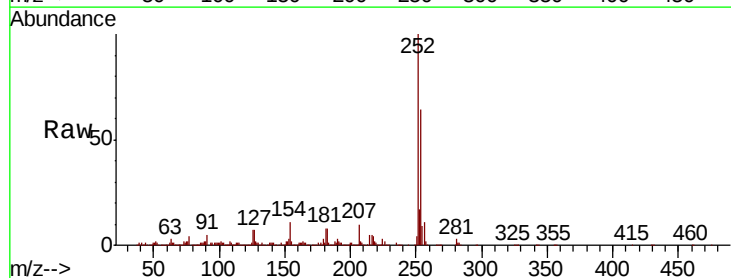
Tgt Ion:252 Resp: 692081

Ion Ratio Lower Upper

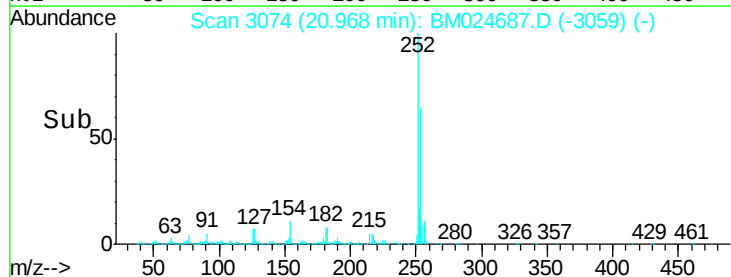
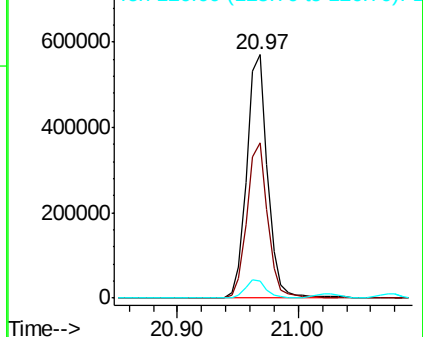
252 100

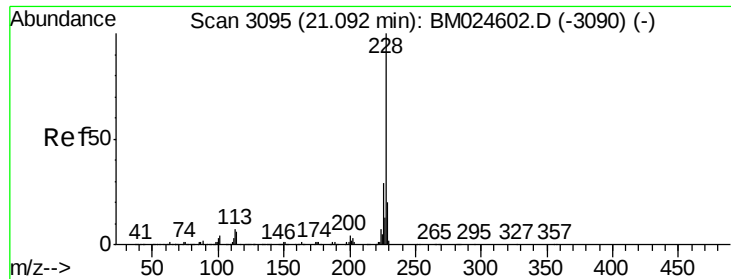
254 63.6 51.5 77.3

126 6.8 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





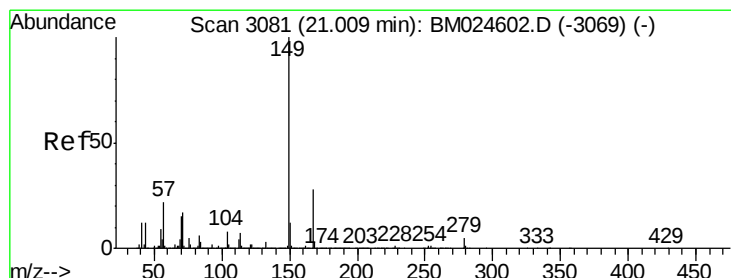
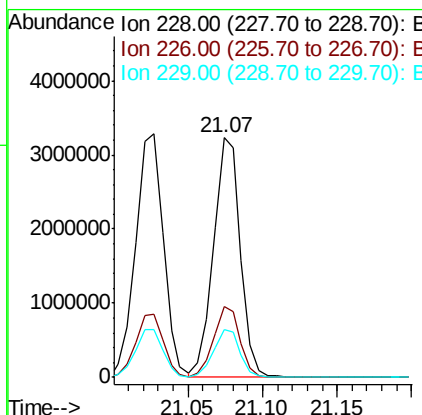
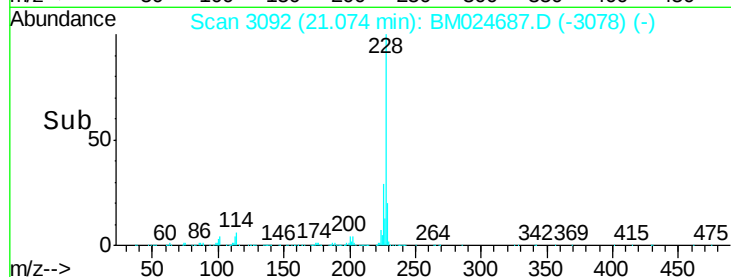
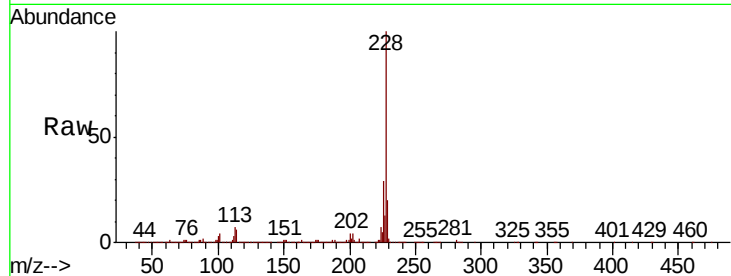
#83
Chrysene
Concen: 48.303 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion:228 Resp: 4036192
Ion Ratio Lower Upper
228 100
226 29.4 23.2 34.8
229 19.9 15.7 23.5

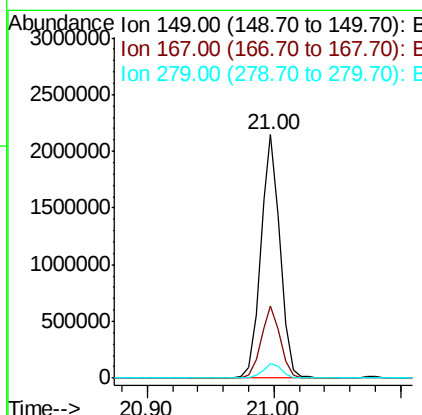
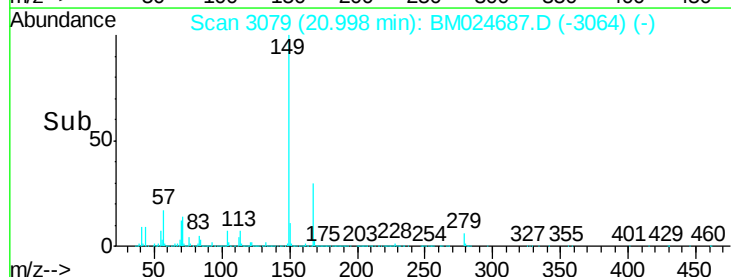
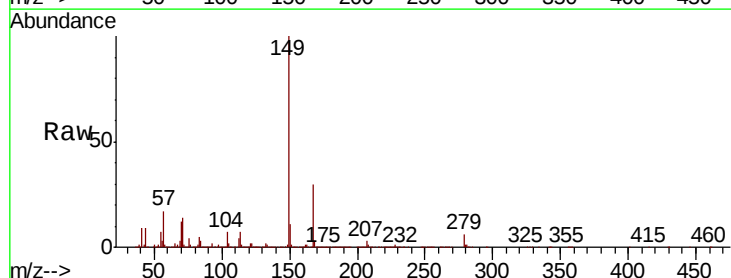
Manual Integrations
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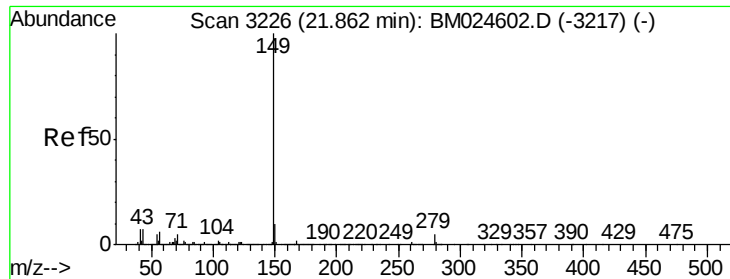
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.998 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:149 Resp: 2265823
Ion Ratio Lower Upper
149 100
167 29.8 22.5 33.7
279 5.9 4.0 6.0





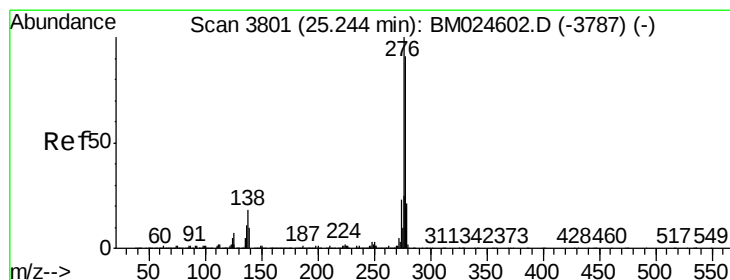
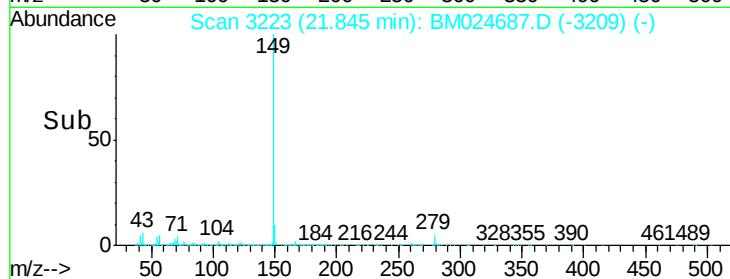
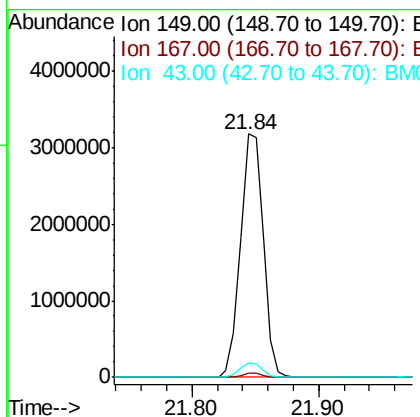
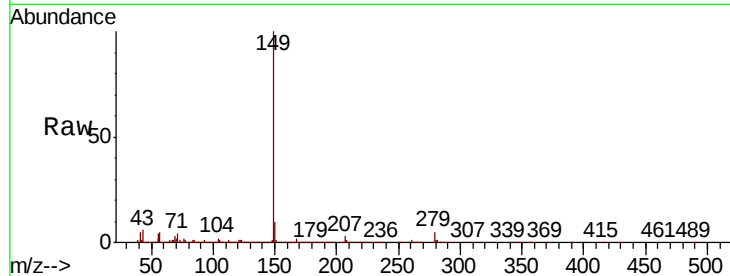
#85
Di-n-octyl phthalate
Concen: 46.274 ng
RT: 21.84 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.6	5.8	8.6

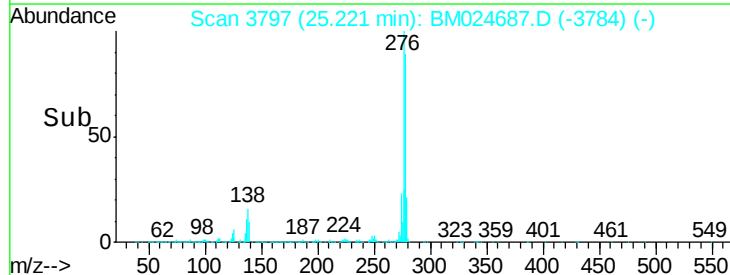
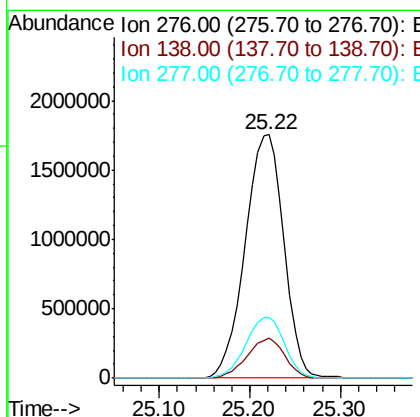
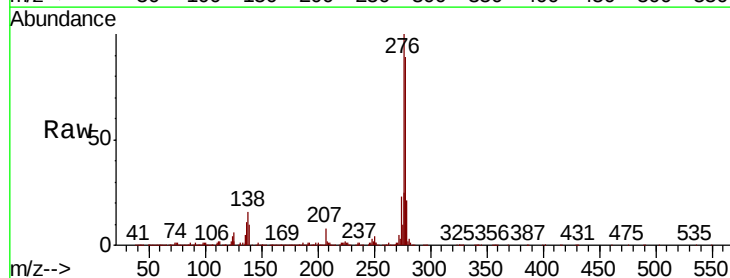
Manual Integrations
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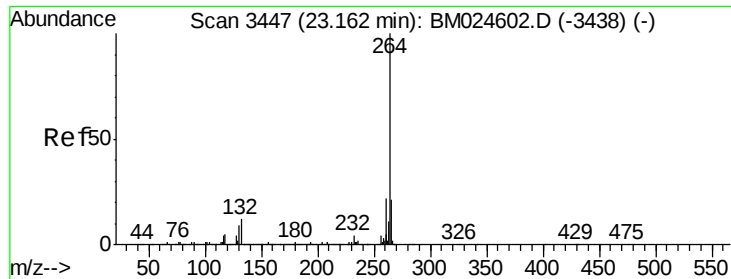
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.025 ng
RT: 25.22 min Scan# 3797
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.4	20.0
277	25.1	19.6	29.4





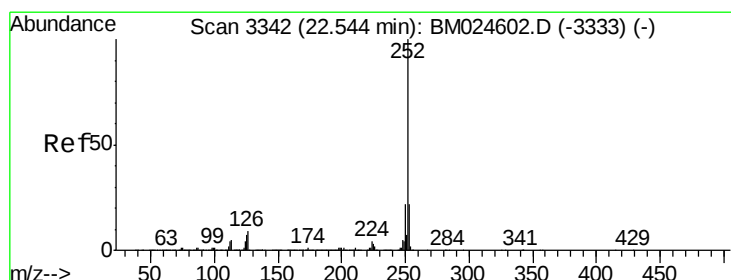
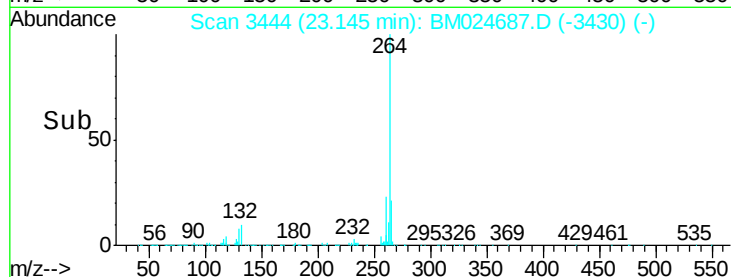
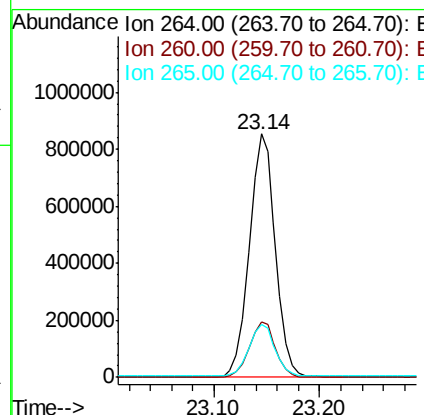
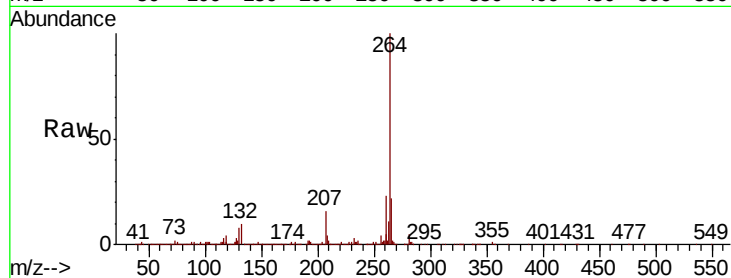
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3444
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion:264 Resp: 1454407
Ion Ratio Lower Upper
264 100
260 22.9 17.9 26.9
265 21.9 17.3 25.9

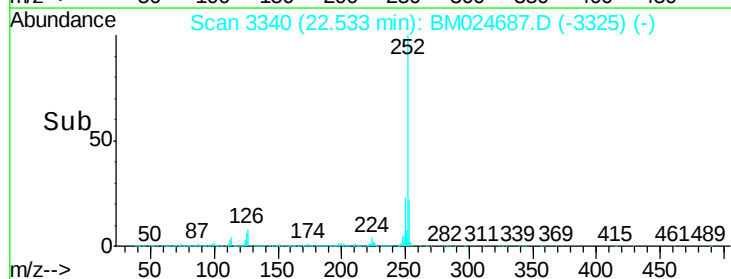
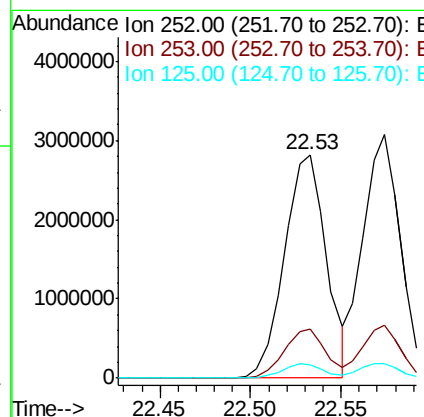
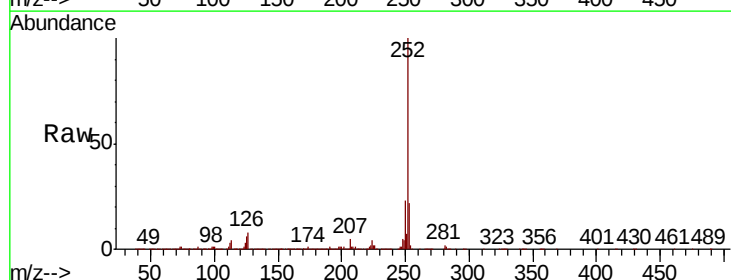
Manual Integrations
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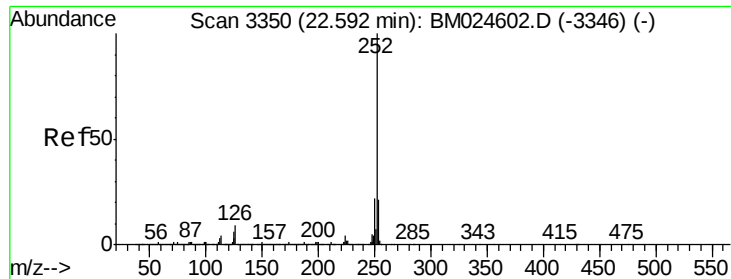
mohammad
2/3/2020 4:11:15 PM



#88
Benzo(b)fluoranthene
Concen: 48.248 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion:252 Resp: 4551180
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 6.2 5.7 8.5





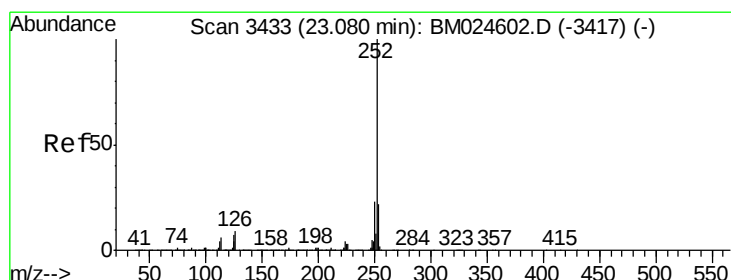
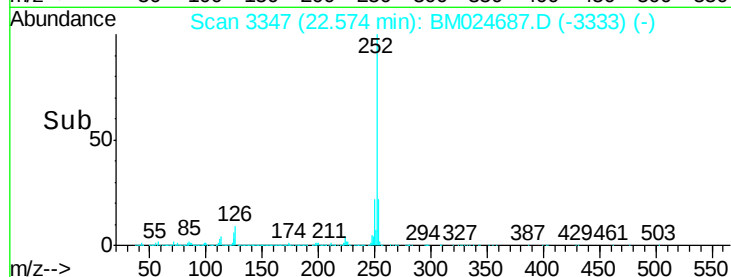
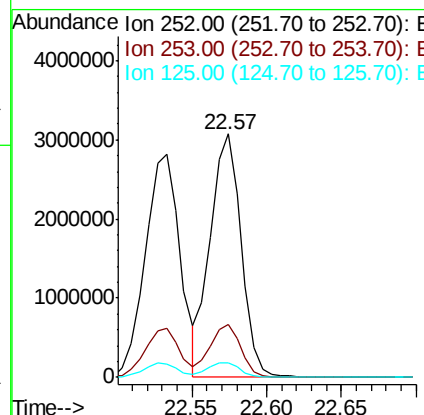
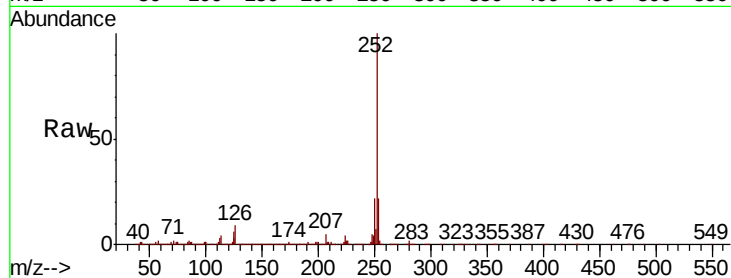
#89
Benzo(k)fluoranthene
Concen: 47.909 ng
RT: 22.57 min Scan# 3347
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	6.1	5.2	7.8

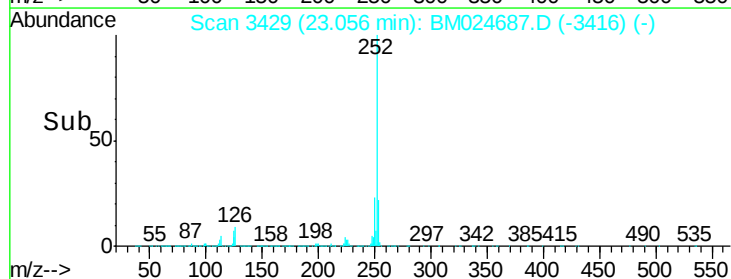
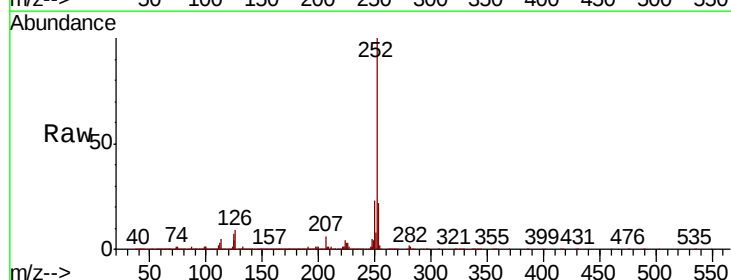
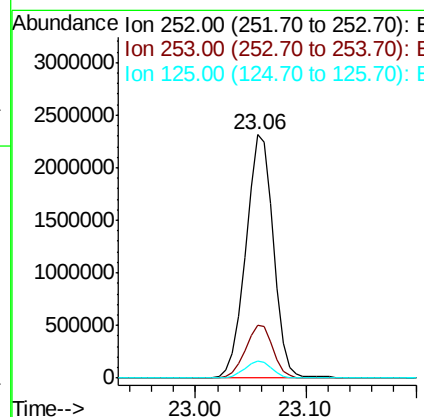
Manual Integrations
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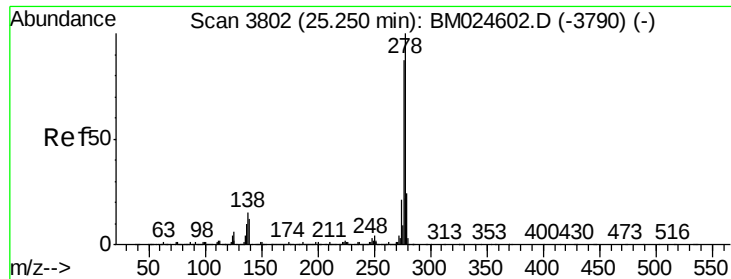
mohammad
2/3/2020 4:11:15 PM



#90
Benzo(a)pyrene
Concen: 47.351 ng
RT: 23.06 min Scan# 3429
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	7.1	5.8	8.8





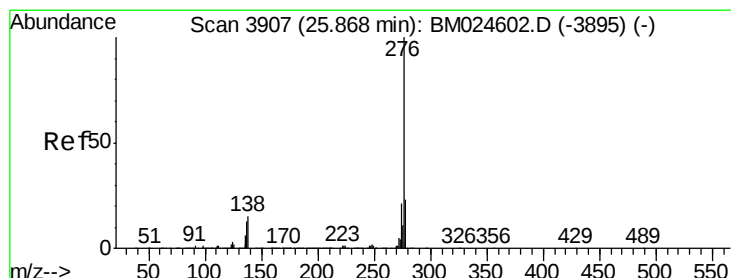
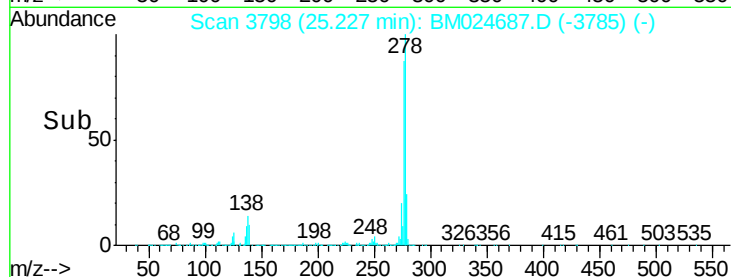
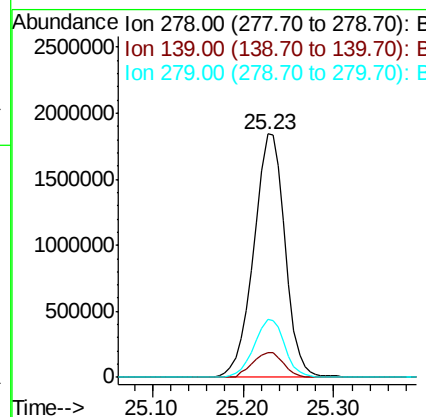
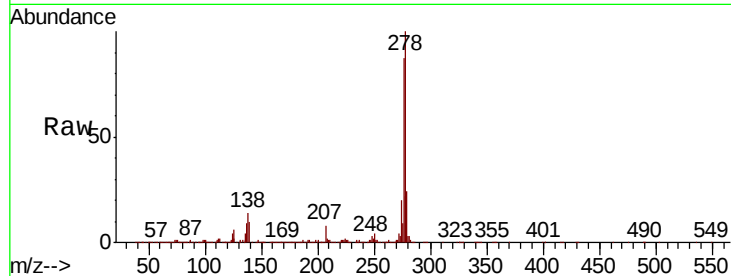
#91
Dibenzo(a,h)anthracene
Concen: 54.122 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.3	13.9
279	23.6	18.9	28.3

Manual Integrations
APPROVED

mohammad
2/3/2020 4:11:15 PM



#92
Benzo(g,h,i)perylene
Concen: 58.609 ng
RT: 25.84 min Scan# 3903
Delta R.T. -0.02 min
Lab File: BM024687.D
Acq: 31 Jan 2020 22:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	13.9	11.9	17.9

