

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024605.D
 Acq On : 23 Jan 2020 13:33
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
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1/24/2020 1:54:58 PM

Quant Time: Jan 23 14:58:17 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 12:41:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	257903	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1045673	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	734221	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1693233	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1766535	20.00	ng	0.00
87) Perylene-d12	23.17	264	1834108	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	2114453	146.07	ng	0.00
7) Phenol-d6	6.65	99	2983977	155.03	ng	0.00
23) Nitrobenzene-d5	8.59	82	3349247	154.65	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1916460	189.79	ng	0.00
45) 2-Fluorobiphenyl	12.72	172	8507972	155.12	ng	0.00
79) Terphenyl-d14	19.50	244	13389735	158.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	407369	65.558	ng	100
3) Pyridine	3.45	79	1211360	67.378	ng	99
4) n-Nitrosodimethylamine	3.37	42	541492	56.453	ng	95
6) Aniline	6.79	93	1779692	74.066	ng	99
8) 2-Chlorophenol	7.02	128	1197377	73.740	ng	98
10) Phenol	6.67	94	1469643	74.562	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	1159385	73.742	ng	99
12) 1,3-Dichlorobenzene	7.34	146	1455022	72.022	ng	100
13) 1,4-Dichlorobenzene	7.48	146	1472260	72.096	ng	99
14) 1,2-Dichlorobenzene	7.79	146	1422180	71.941	ng	99
15) Benzyl Alcohol	7.69	79	1227482	81.198	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1038533	50.539	ng	98
17) 2-Methylphenol	7.90	107	1038824	77.089	ng	98
18) Hexachloroethane	8.51	117	570681	75.459	ng	99
19) n-Nitroso-di-n-propylamine	8.26	70	1097994	79.370	ng	98
20) 3+4-Methylphenols	8.23	107	1446152	78.562	ng	98
22) Acetophenone	8.26	105	2124277	72.680	ng	99
24) Nitrobenzene	8.63	77	1594157	75.121	ng	99
25) Isophorone	9.16	82	2830016	77.998	ng	99
26) 2-Nitrophenol	9.33	139	772840	104.038	ng	99
27) 2,4-Dimethylphenol	9.42	122	1024218	79.997	ng	97
28) bis(2-Chloroethoxy)methane	9.65	93	1713773	76.981	ng	99
29) 2,4-Dichlorophenol	9.87	162	1380747	82.148	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	1625864	79.381	ng	99
31) Naphthalene	10.26	128	4137493	73.259	ng	100
32) Benzoic acid	9.63	122	1008600m	122.519	ng	
33) 4-Chloroaniline	10.37	127	1840950	73.521	ng	99
34) Hexachlorobutadiene	10.56	225	1121620	82.917	ng	99
35) Caprolactam	11.19	113	454298m	88.663	ng	
36) 4-Chloro-3-methylphenol	11.52	107	1458005	82.742	ng	98
37) 2-Methylnaphthalene	11.88	142	3221585	77.862	ng	100
38) 1-Methylnaphthalene	12.10	142	3041538	77.158	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	2066032	80.544	ng	99
41) Hexachlorocyclopentadiene	12.25	237	1155719	81.614	ng	99

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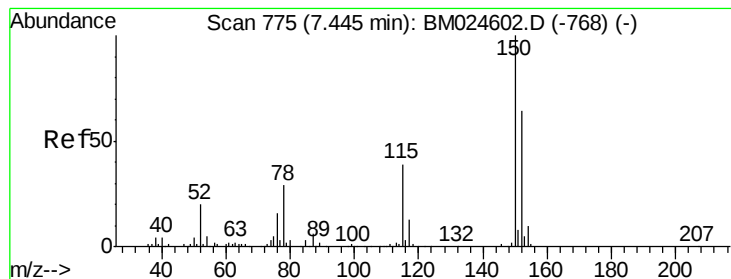
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.51	196	1325526	90.726	nq	100
44) 2,4,5-Trichlorophenol	12.59	196	1371605	87.232	nq	99
46) 1,1'-Biphenyl	12.92	154	4370500	74.059	nq	100
47) 2-Chloronaphthalene	12.96	162	3542769	74.068	nq	100
48) 2-Nitroaniline	13.17	65	1100685	75.827	nq	99
49) Acenaphthylene	13.82	152	5310458	73.331	nq	99
50) Dimethylphthalate	13.58	163	4631482	76.097	nq	100
51) 2,6-Dinitrotoluene	13.68	165	1003164	77.278	nq	99
52) Acenaphthene	14.16	154	3306539	74.675	nq	99
53) 3-Nitroaniline	14.02	138	1059260	74.757	nq	100
54) 2,4-Dinitrophenol	14.22	184	661448	126.019	nq	98
55) Dibenzofuran	14.50	168	5351665	74.672	nq	99
56) 4-Nitrophenol	14.34	139	834188	79.286	nq	100
57) 2,4-Dinitrotoluene	14.48	165	1454782	78.501	nq	97
58) Fluorene	15.16	166	4562931	75.504	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.74	232	1374000	93.937	nq	99
60) Diethylphthalate	14.96	149	4712987	75.037	nq	100
61) 4-Chlorophenyl-phenylether	15.16	204	2588807	78.378	nq	98
62) 4-Nitroaniline	15.19	138	1177204	73.449	nq	99
63) Azobenzene	15.45	77	4032018	71.627	nq	99
65) 4,6-Dinitro-2-methylphenol	15.25	198	854902	118.021	nq	97
66) n-Nitrosodiphenylamine	15.38	169	3880246	77.493	nq	100
67) 4-Bromophenyl-phenylether	16.05	248	1684784	82.459	nq	98
68) Hexachlorobenzene	16.17	284	1920755	80.713	nq	98
69) Atrazine	16.34	200	1450953	105.144	nq	98
70) Pentachlorophenol	16.51	266	1195511	99.509	nq	99
71) Phenanthrene	16.89	178	7277966	75.351	nq	98
72) Anthracene	16.98	178	7189540	75.954	nq	99
73) Carbazole	17.26	167	6566165	74.206	nq	100
74) Di-n-butylphthalate	17.85	149	8325518	81.560	nq	100
75) Fluoranthene	18.92	202	9128811	79.084	nq	99
78) Pyrene	19.28	202	9277283	79.685	nq	99
80) Butylbenzylphthalate	20.22	149	4019916	103.615	nq	97
81) Benzo(a)anthracene	21.04	228	9624361	79.066	nq	99
82) 3,3'-Dichlorobenzidine	20.99	252	3418739	92.071	nq	99
83) Chrysene	21.10	228	9191083	79.850	nq	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	5811265	90.377	nq	100
85) Di-n-octyl phthalate	21.86	149	9652058	96.813	nq	100
86) Indeno(1,2,3-cd)pyrene	25.26	276	9235268	80.832	nq	98
88) Benzo(b)fluoranthene	22.55	252	9805137	79.011	nq	100
89) Benzo(k)fluoranthene	22.60	252	9211285	77.254	nq	98
90) Benzo(a)pyrene	23.09	252	8720025	78.885	nq	99
91) Dibenzo(a,h)anthracene	25.27	278	7823147	79.383	nq	100
92) Benzo(g,h,i)perylene	25.88	276	6958769	78.147	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. 0.00 min

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BNA_M

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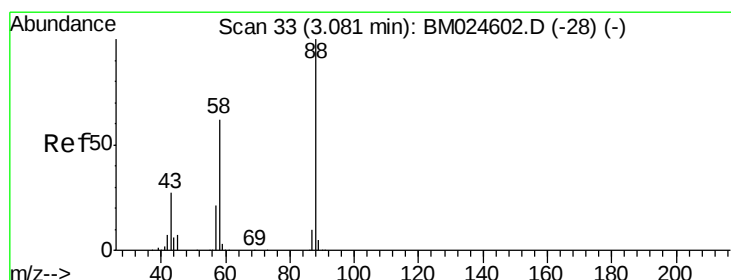
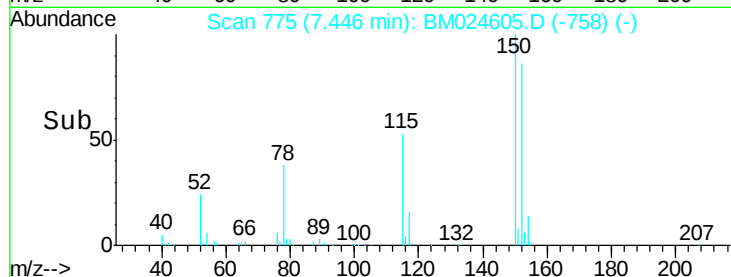
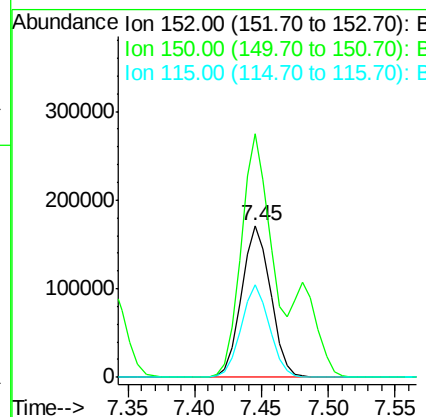
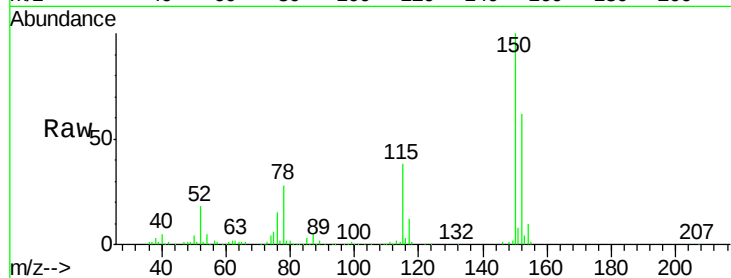
SSTDIC080

Tot Ion:	152	Resp:	257903
Ion Ratio	Lower	Upper	
152	100		
150	160.5	124.2	186.4
115	61.0	48.6	72.8

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#2

1,4-Dioxane

Concen: 65.558 ng

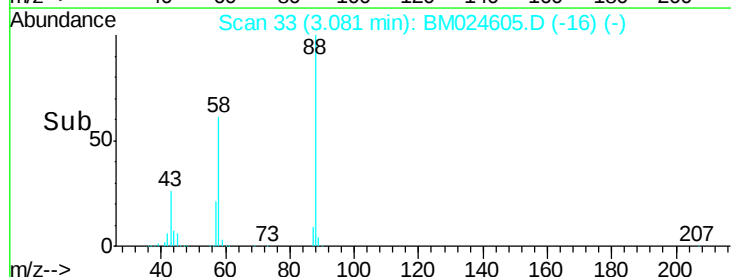
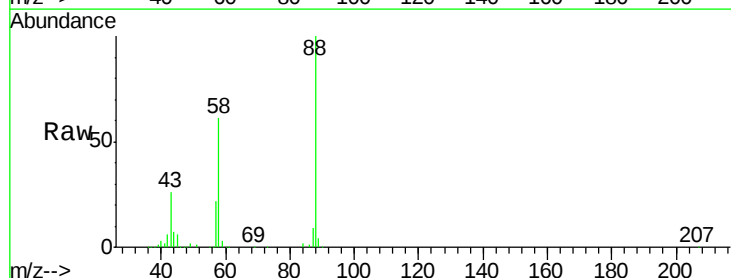
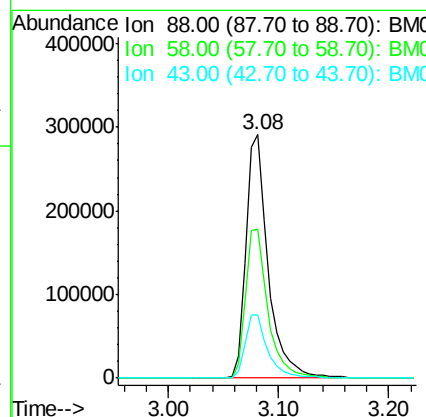
RT: 3.08 min Scan# 33

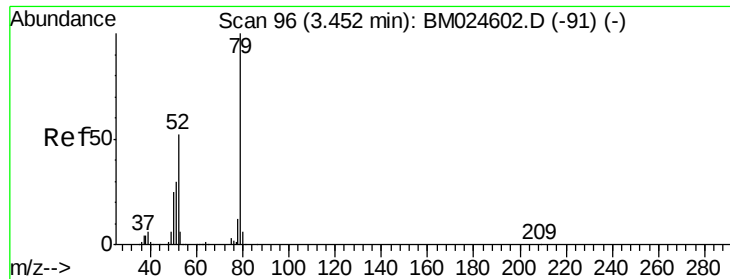
Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:	88	Resp:	407369
Ion Ratio	Lower	Upper	
88	100		
58	62.4	50.0	75.0
43	26.7	21.6	32.4





#3

Pvridine

Concen: 67.378 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1211360

Ion Ratio Lower Upper

79 100

52 52.2 41.4 62.2

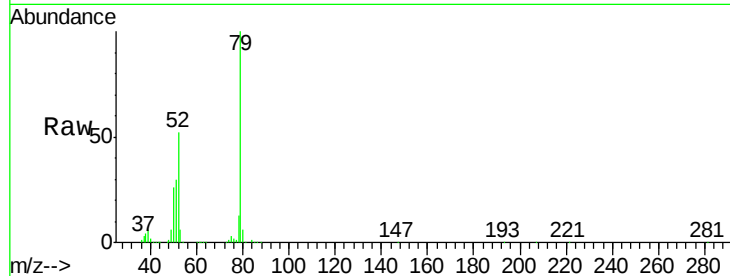
51 29.5 23.8 35.8

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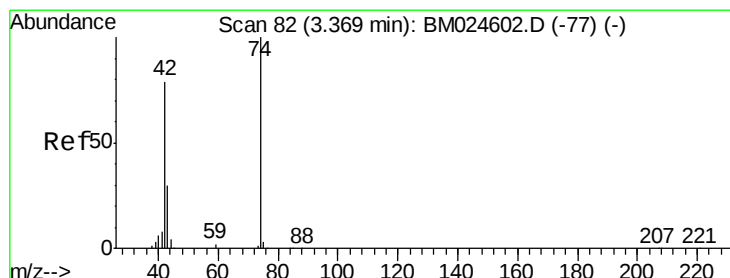
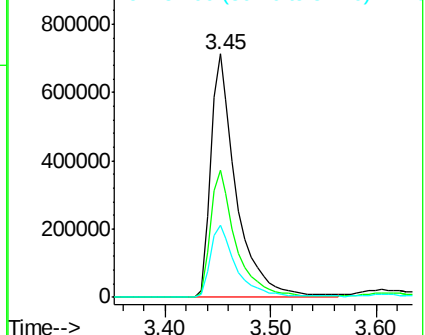
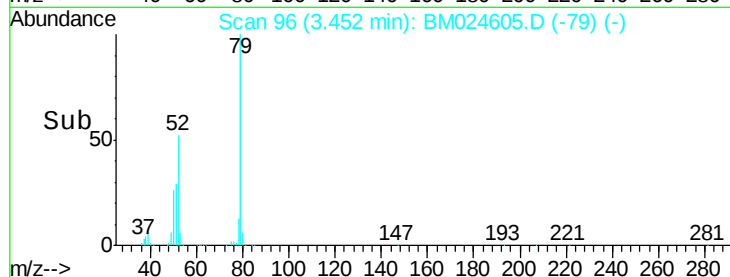
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Abundance Ion 79.00 (78.70 to 79.70): BM024605.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024605.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024605.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 56.453 ng

RT: 3.37 min Scan# 82

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

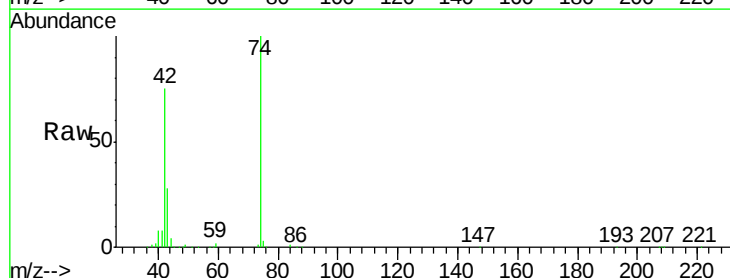
Tgt Ion: 42 Resp: 541492

Ion Ratio Lower Upper

42 100

74 132.8 101.4 152.2

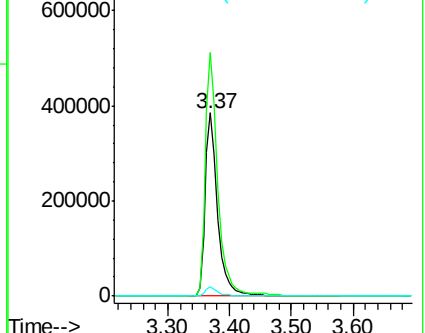
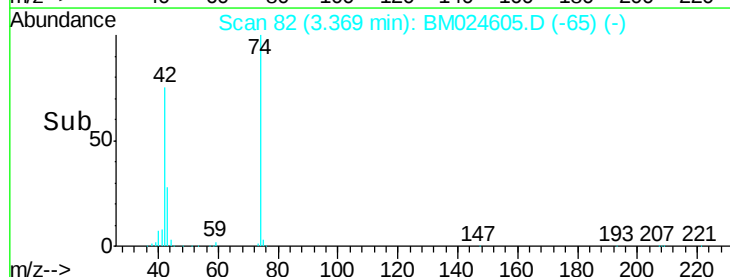
44 5.0 4.6 6.8

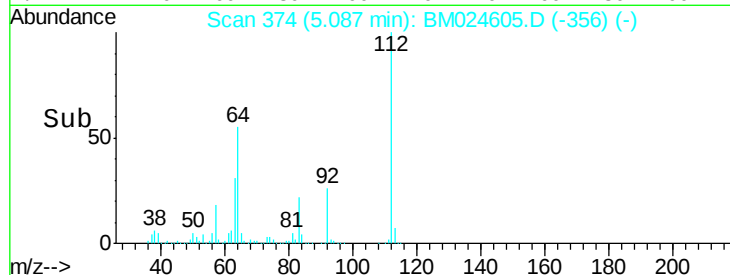
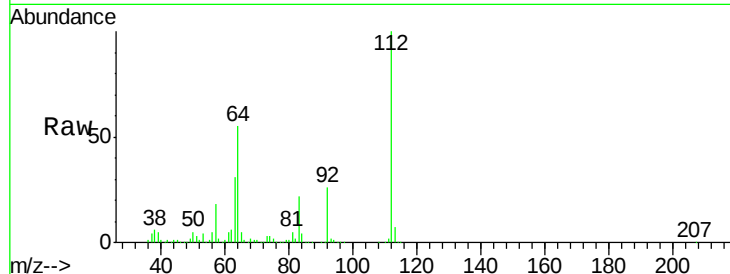
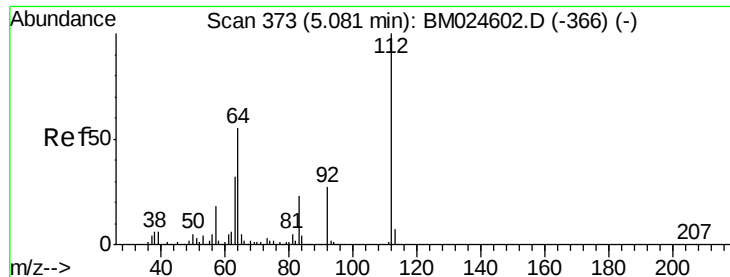


Abundance Ion 42.00 (41.70 to 42.70): BM024605.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024605.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024605.D (-65) (-)





#5

2-Fluorophenol

Concen: 146.066 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tot Ion:	112	Resp:	2114453
Ion	Ratio	Lower	Upper
112	100		
64	54.9	44.2	66.4
63	30.9	25.9	38.9

Instrument :

BNA_M

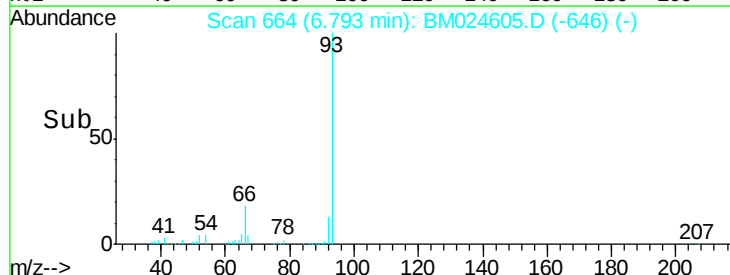
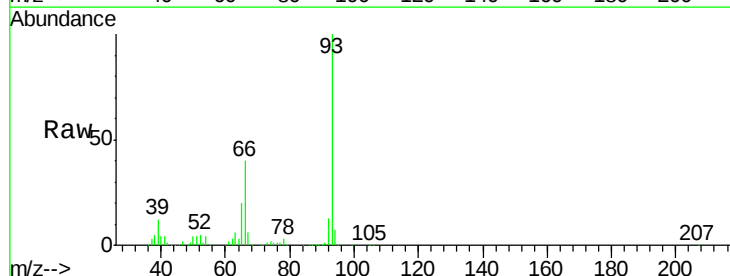
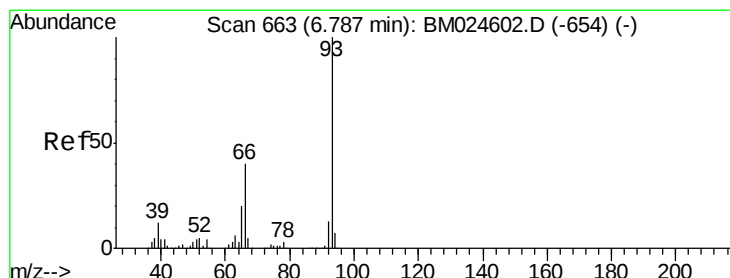
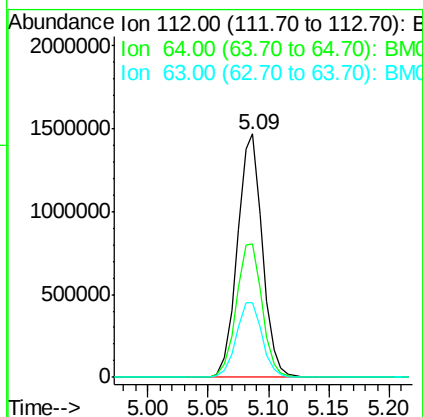
ClientSampleId :

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#6

Aniline

Concen: 74.066 ng

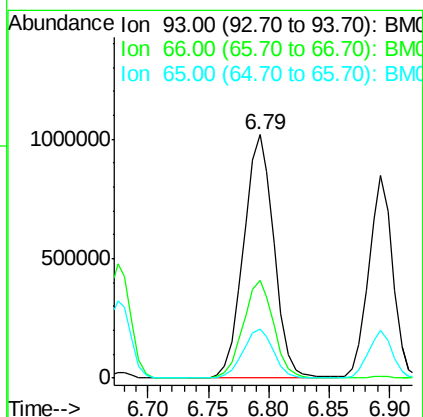
RT: 6.79 min Scan# 664

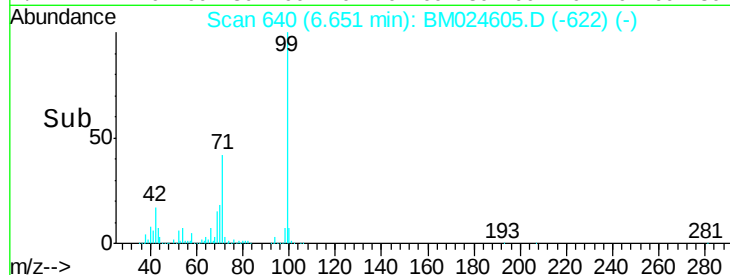
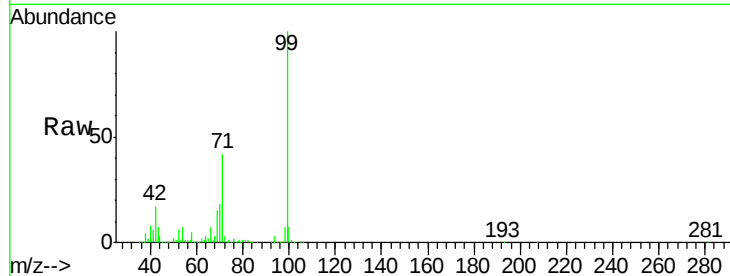
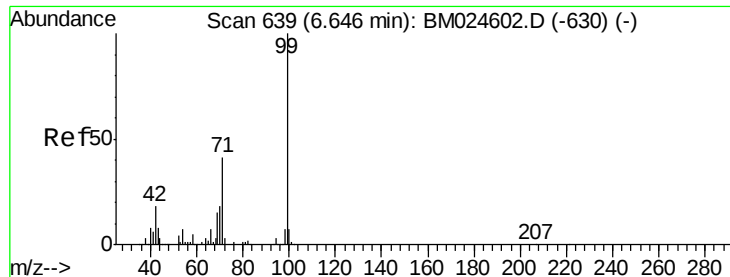
Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:	93	Resp:	1779692
Ion	Ratio	Lower	Upper
93	100		
66	40.2	31.8	47.8
65	20.2	15.8	23.6





#7

Phenol-d6

Concen: 155.034 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tot Ion: 99 Resp: 2983977

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 41.9 33.0 49.6

Instrument :

BNA_M

ClientSampleId :

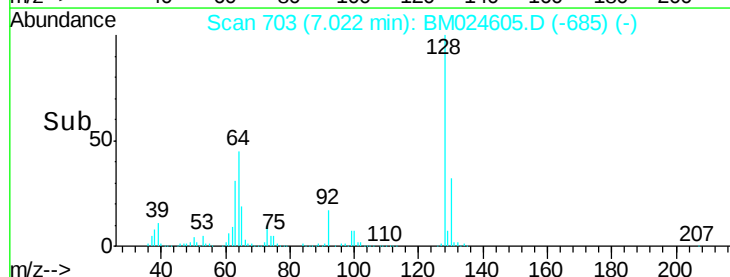
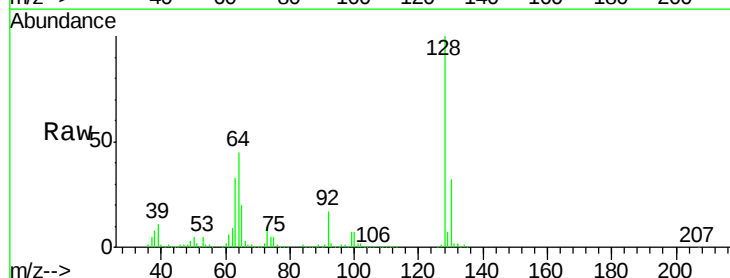
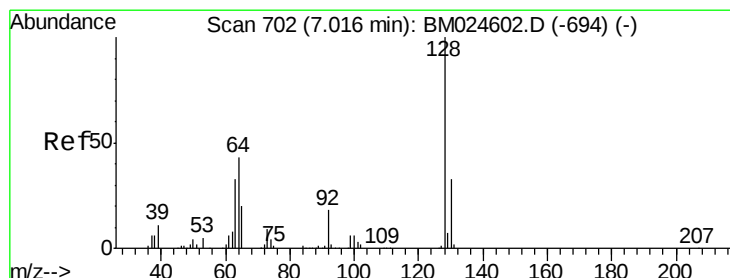
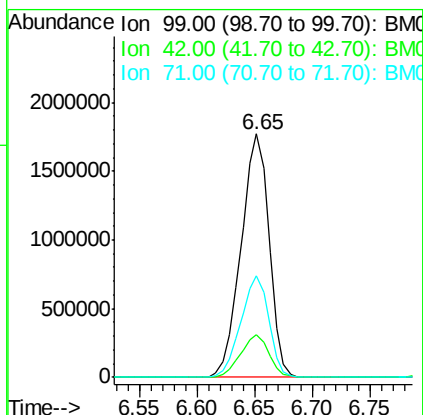
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#8

2-Chlorophenol

Concen: 73.740 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

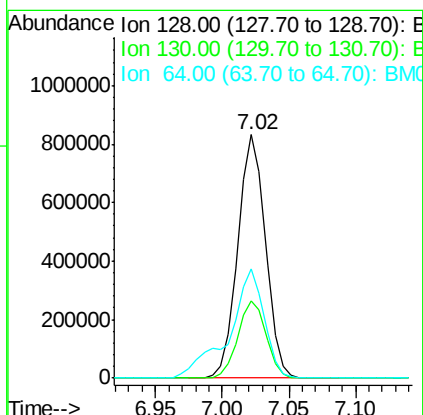
Tgt Ion: 128 Resp: 1197377

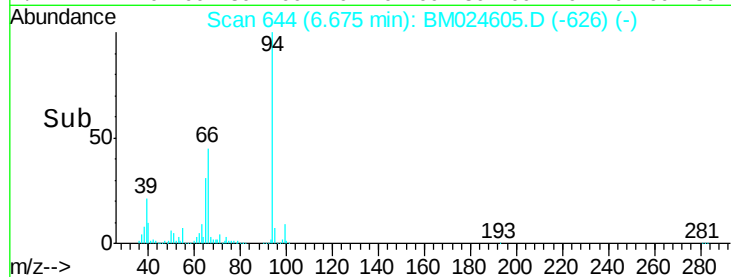
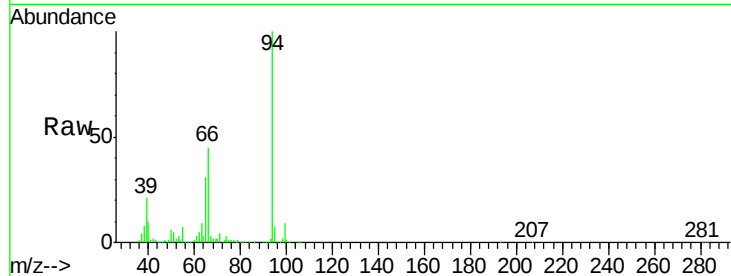
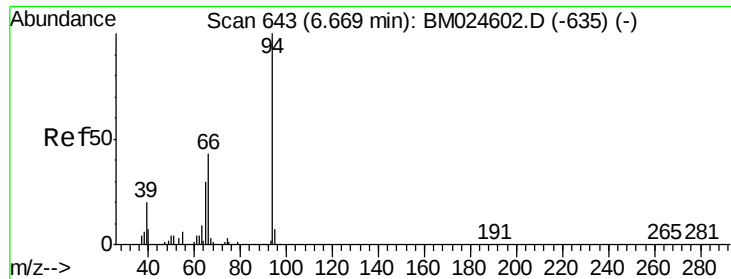
Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

64 44.7 26.1 66.1





#10

Phenol

Concen: 74.562 ng

RT: 6.67 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tot Ion:	94	Resp:	1469643
Ion	Ratio	Lower	Upper
94	100		
65	30.9	10.3	50.3
66	45.4	24.8	64.8

Instrument :

BNA_M

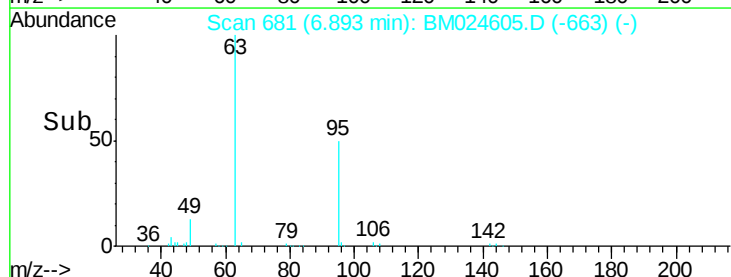
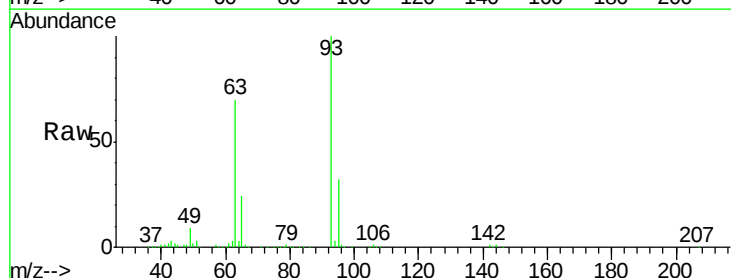
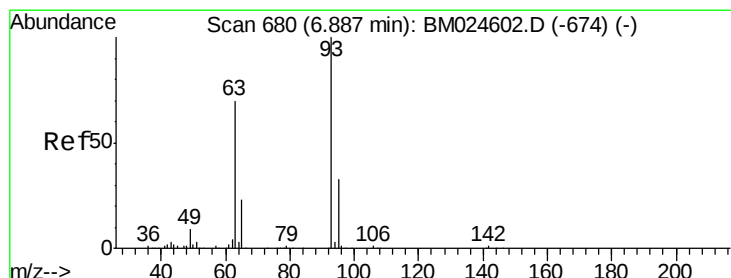
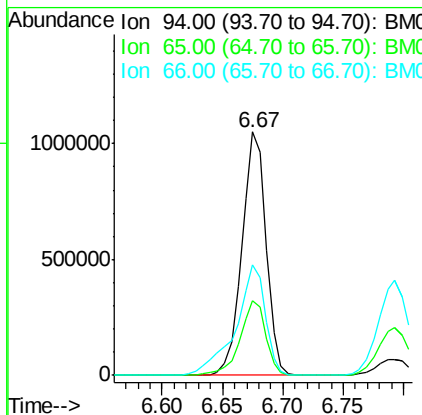
ClientSampleId :

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#11

bis(2-Chloroethyl)ether

Concen: 73.742 ng

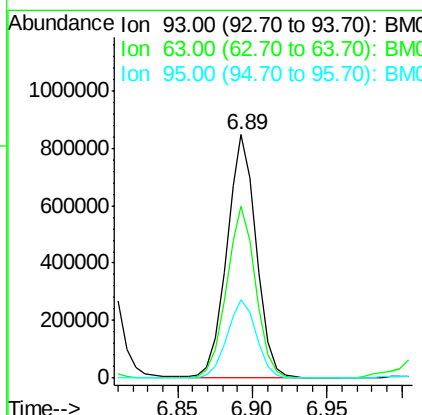
RT: 6.89 min Scan# 681

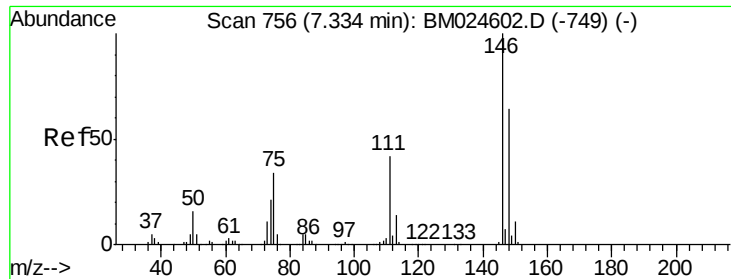
Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:	93	Resp:	1159385
Ion	Ratio	Lower	Upper
93	100		
63	70.4	49.6	89.6
95	32.5	12.6	52.6





#12
 1,3-Dichlorobenzene
 Concen: 72.022 ng
 RT: 7.34 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

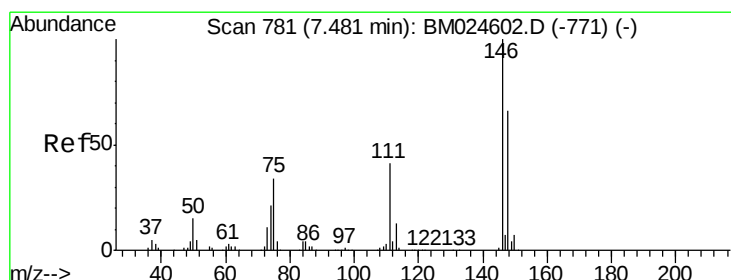
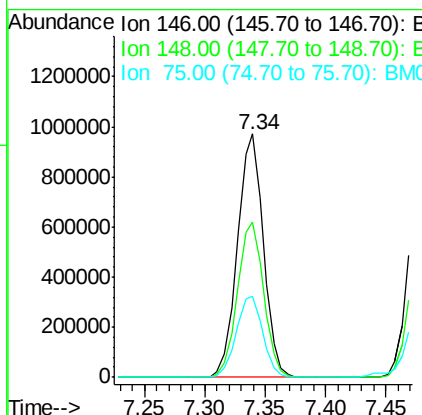
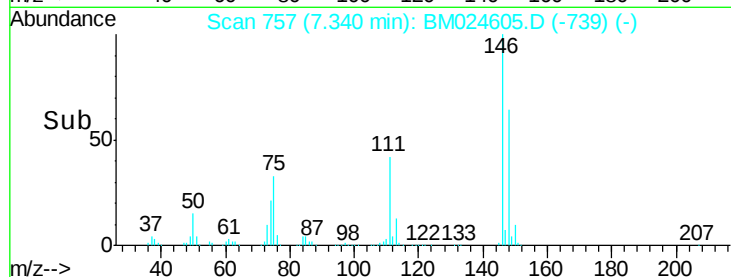
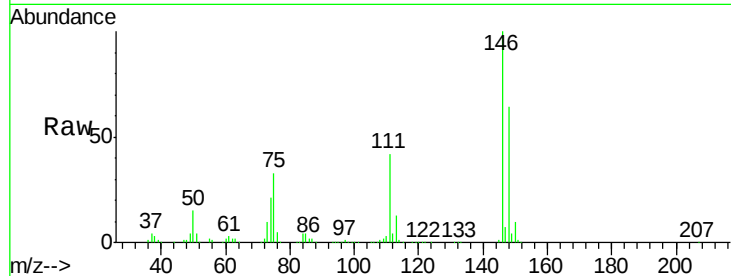
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
75	33.5	27.0	40.4

Manual Integrations
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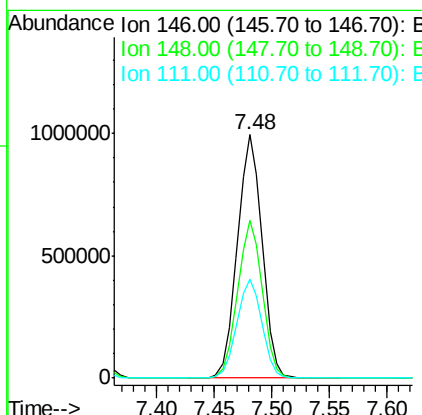
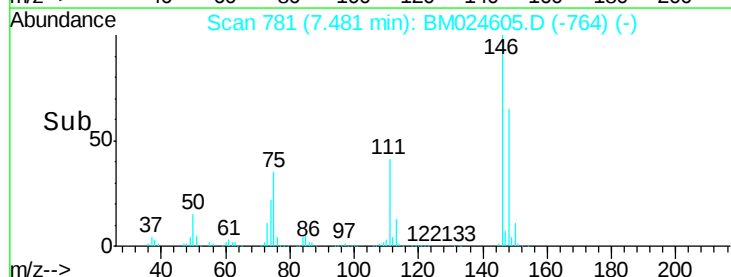
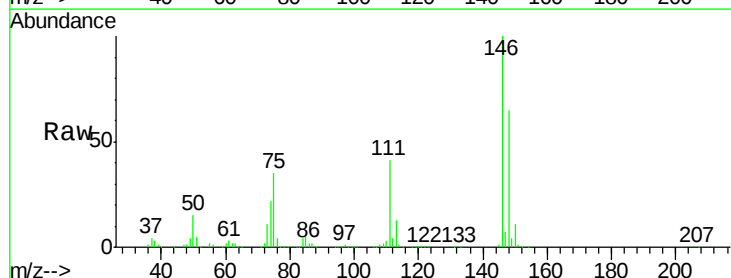
mohammad

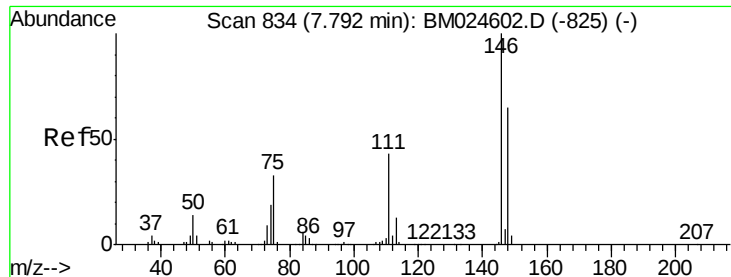
1/24/2020 1:54:58 PM



#13
 1,4-Dichlorobenzene
 Concen: 72.096 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.5	78.7
111	40.8	33.0	49.4





#14

1,2-Dichlorobenzene

Concen: 71.941 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1422180

Ion Ratio Lower Upper

146 100

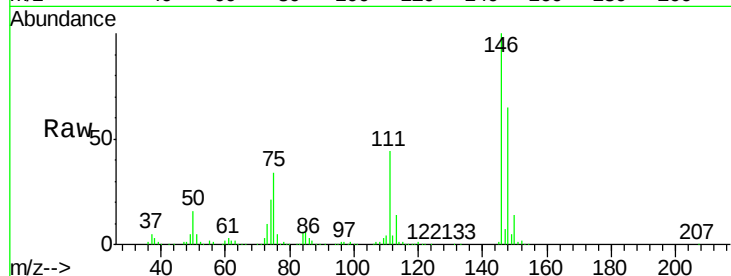
148 65.1 51.9 77.9

111 44.1 34.5 51.7

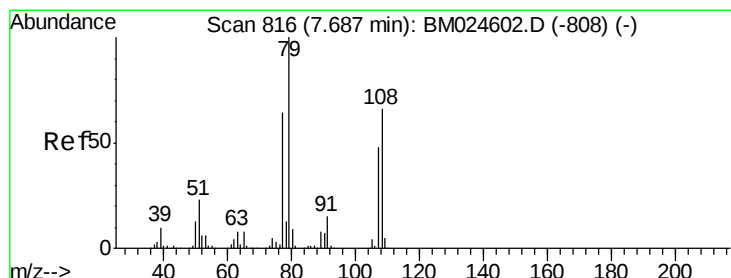
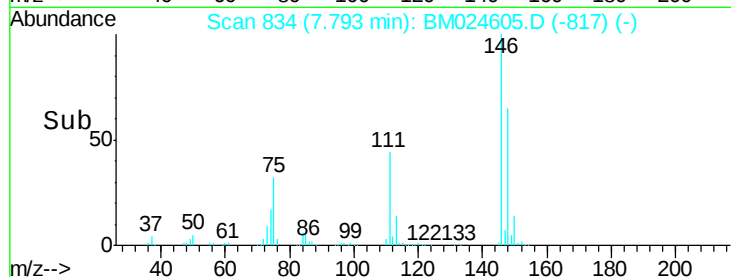
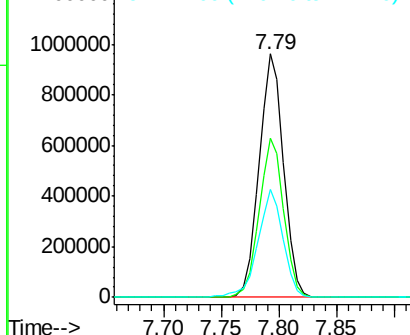
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 81.198 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

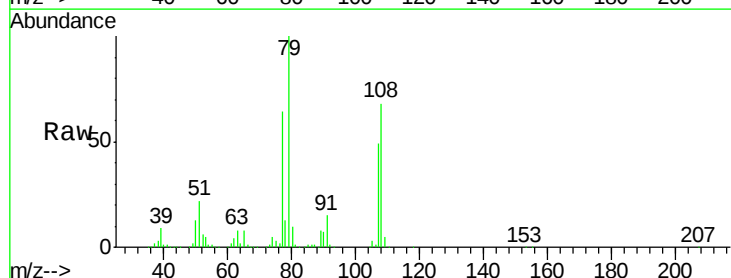
Tgt Ion: 79 Resp: 1227482

Ion Ratio Lower Upper

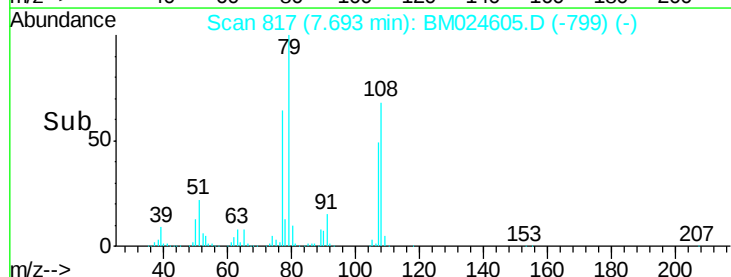
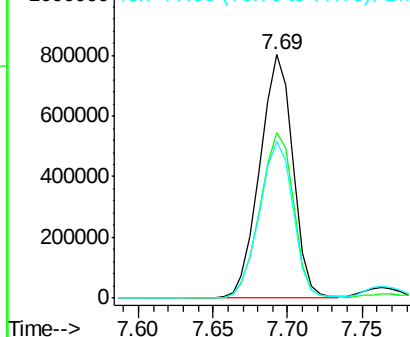
79 100

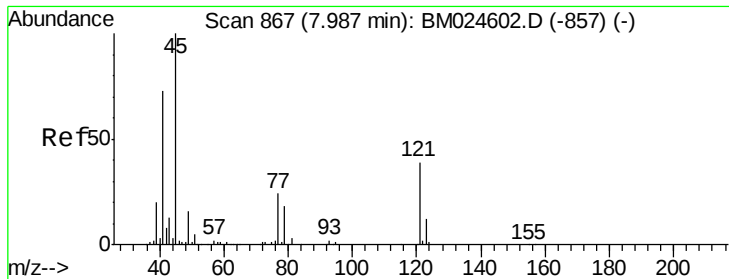
108 67.8 53.0 79.4

77 64.1 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0





#16
2,2'-oxvbis(1-Chloropropane)
Concen: 50.539 ng
RT: 7.99 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

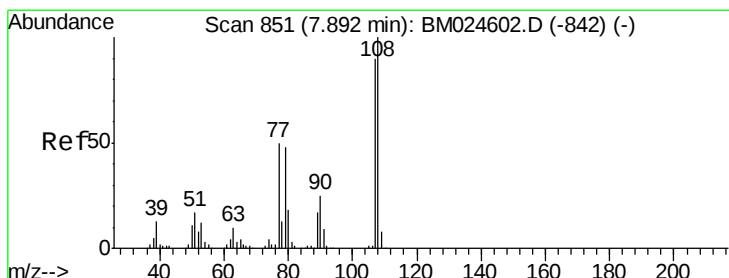
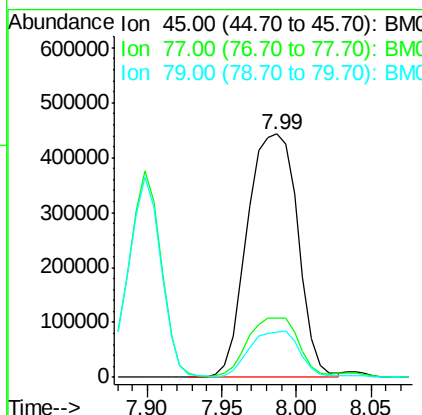
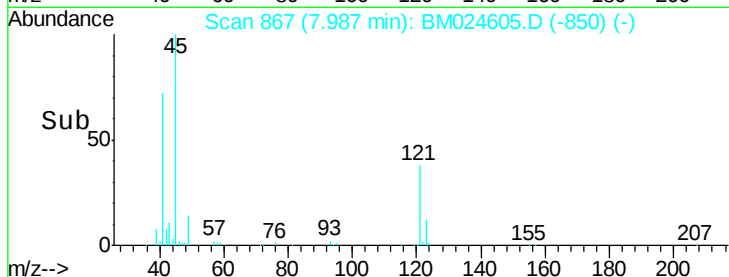
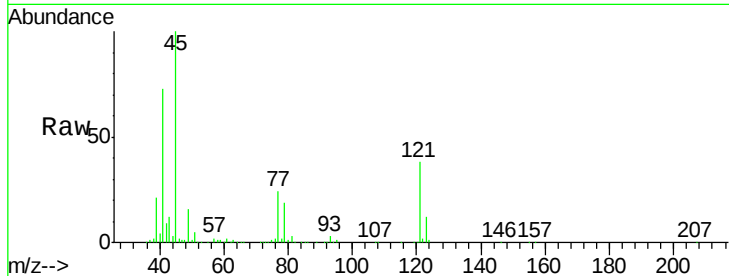
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion: 45 Resp: 1038533
Ion Ratio Lower Upper
45 100
77 24.4 5.2 45.2
79 18.7 0.0 39.4

Manual Integrations
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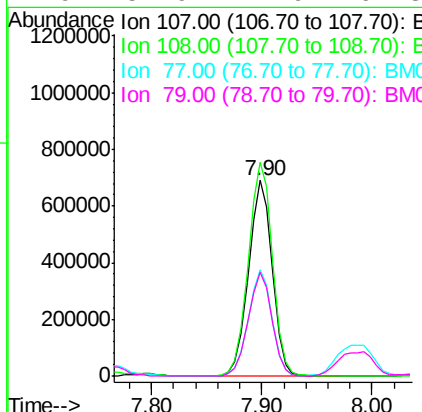
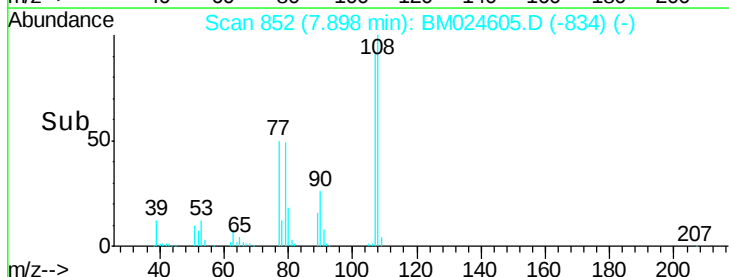
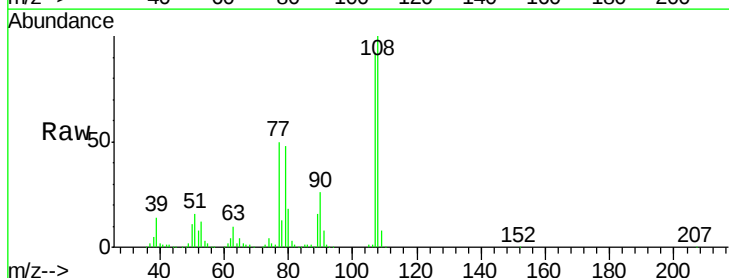
mohammad

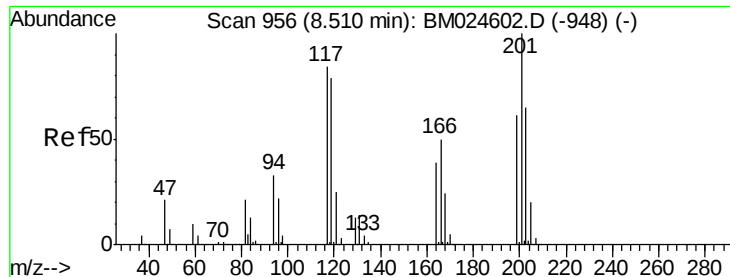
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#17
2-Methylphenol
Concen: 77.089 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion: 107 Resp: 1038824
Ion Ratio Lower Upper
107 100
108 109.3 88.9 133.3
77 54.4 44.5 66.7
79 52.9 42.9 64.3





#18

Hexachloroethane

Concen: 75.459 ng

RT: 8.51 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

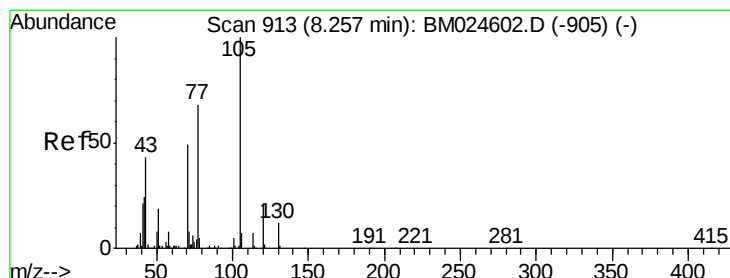
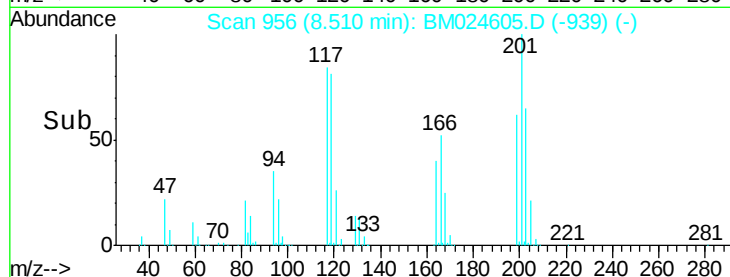
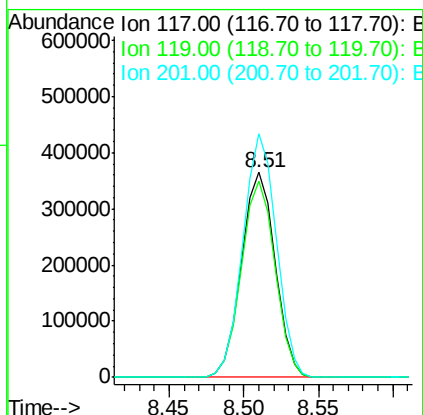
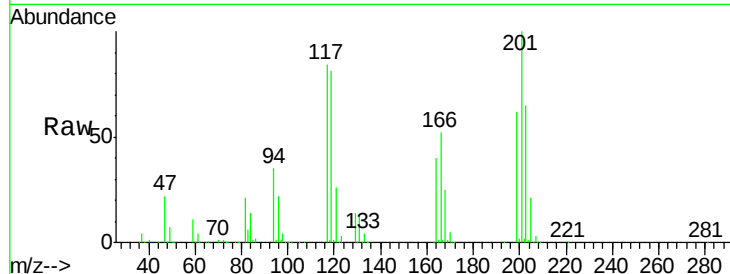
SSTDIC080

Tot Ion:	117	Resp:	570681
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.4	113.2
201	118.8	95.8	143.6

Manual Integrations
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#19

n-Nitroso-di-n-propylamine

Concen: 79.370 ng

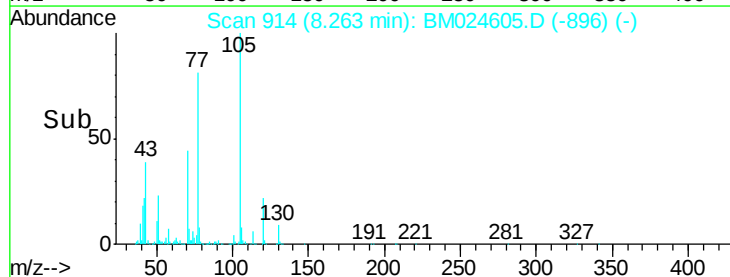
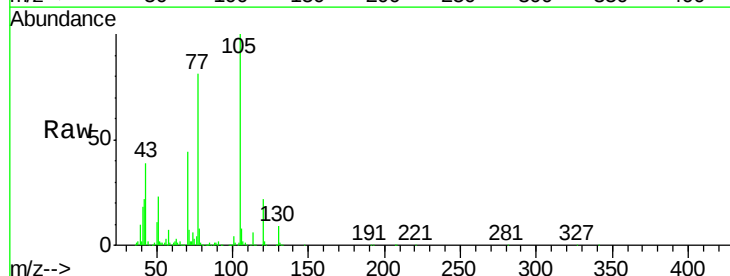
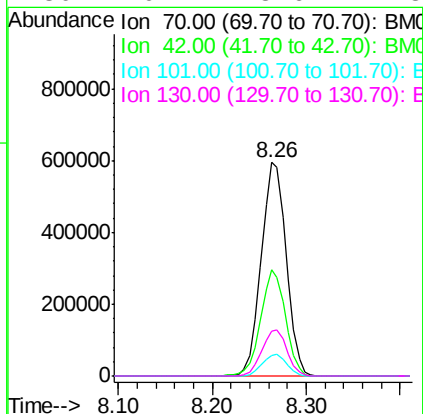
RT: 8.26 min Scan# 914

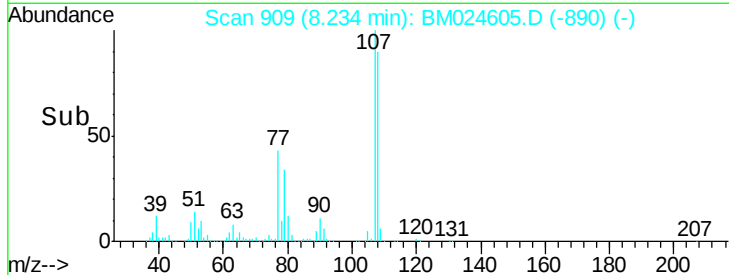
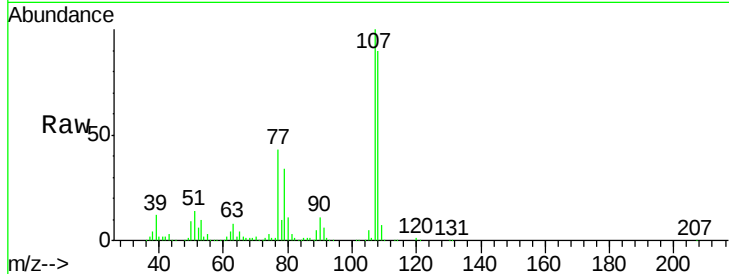
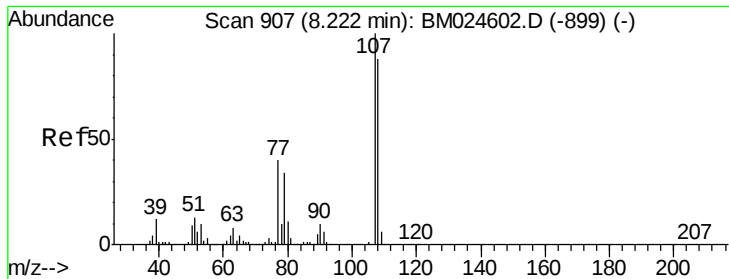
Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:	70	Resp:	1097994
Ion Ratio	Lower	Upper	
70	100		
42	49.6	40.0	60.0
101	9.8	8.2	12.2
130	20.7	18.6	27.8





#20
3+4-Methylphenols
Concen: 78.562 ng
RT: 8.23 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

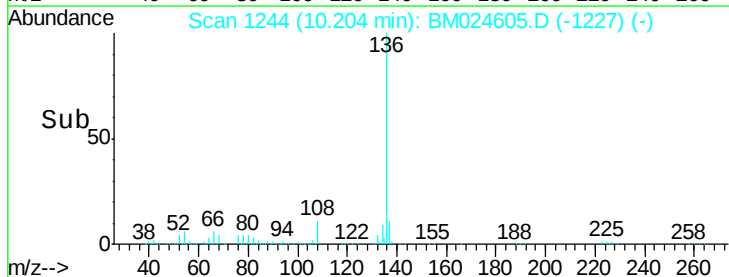
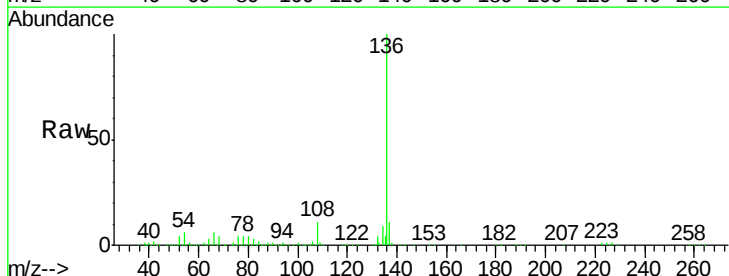
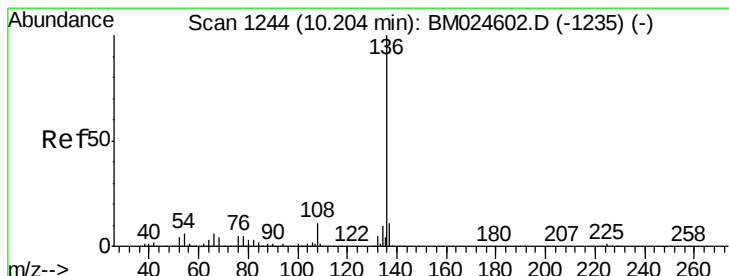
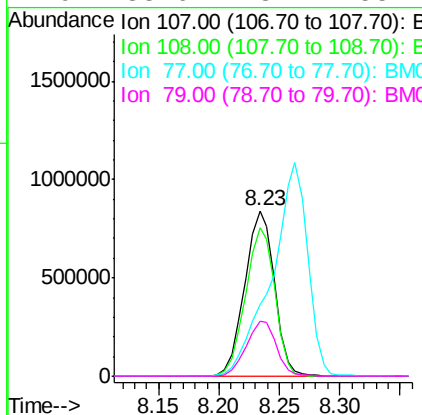
Tot Ion	107	Resp	1446152
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.0	108.0
77	43.2	19.9	59.9
79	33.6	13.7	53.7

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Manual Integrations
APPROVED

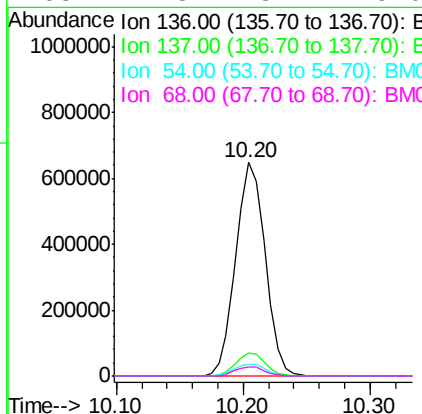
mohammad

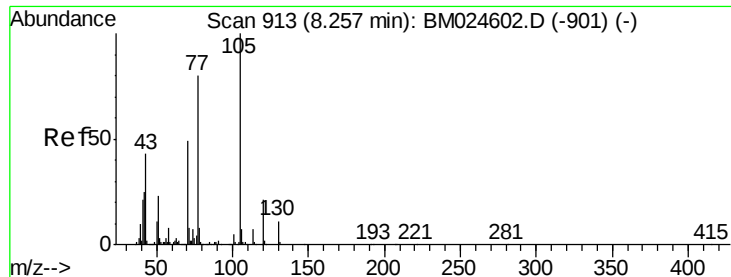
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	136	Resp	1045673
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.6	4.5	6.7
68	4.3	3.4	5.0





#22
Acetophenone
Concen: 72.680 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

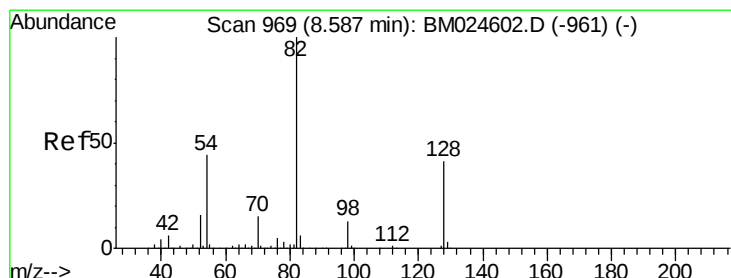
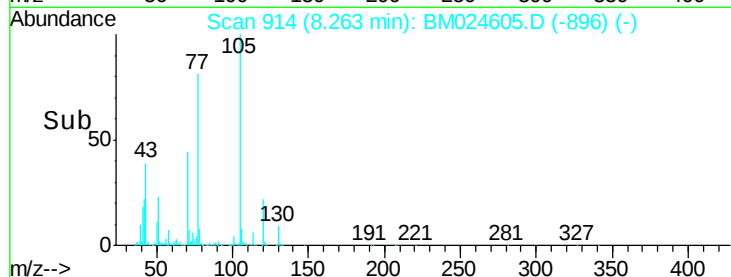
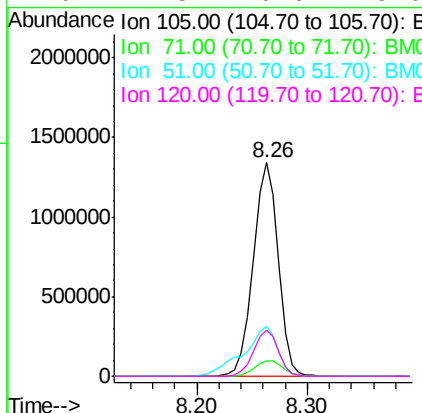
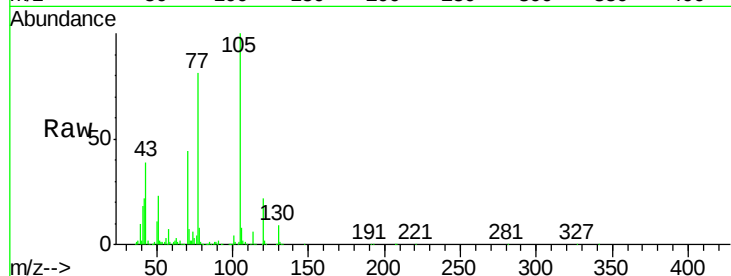
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:	105	Resp:	2124277
Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.7	10.1
51	23.5	18.5	27.7
120	21.5	16.6	25.0

Manual Integrations
APPROVED

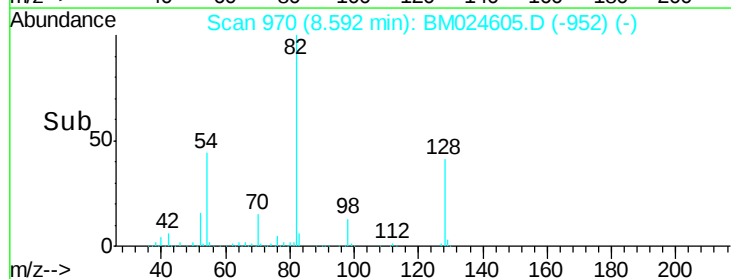
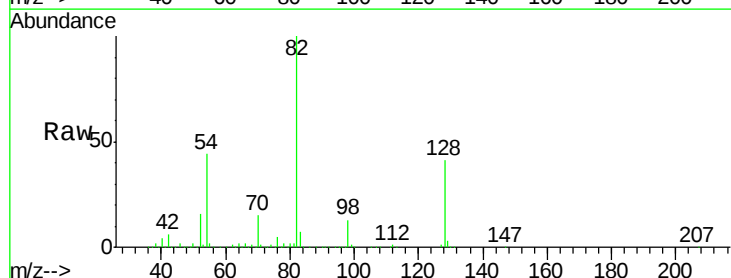
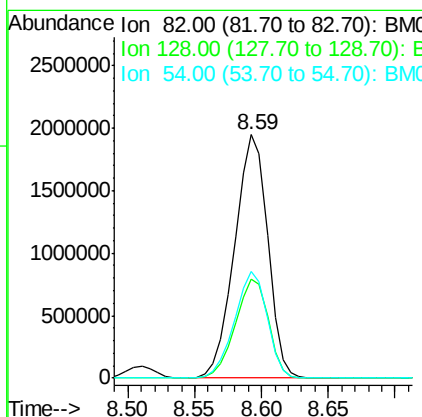
mohammad

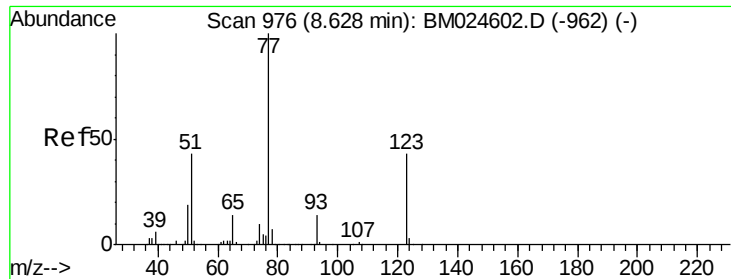
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#23
Nitrobenzene-d5
Concen: 154.650 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:	82	Resp:	3349247
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.6	48.8
54	43.7	34.8	52.2





#24
Nitrobenzene
Concen: 75.121 ng
RT: 8.63 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

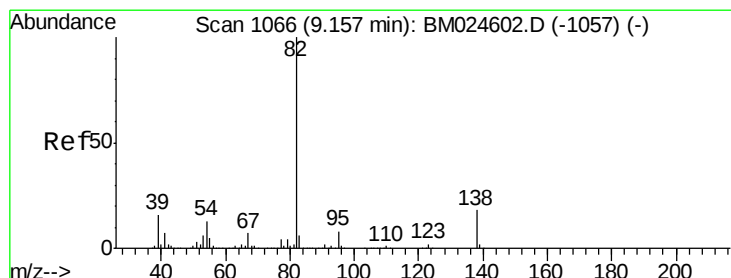
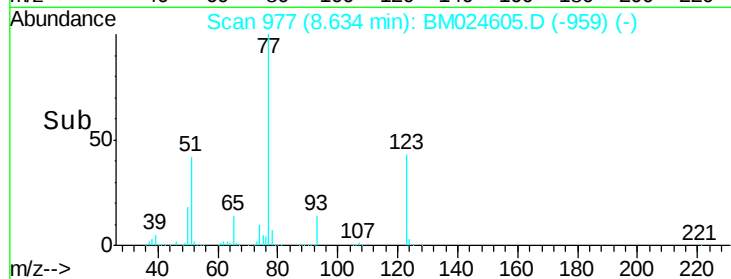
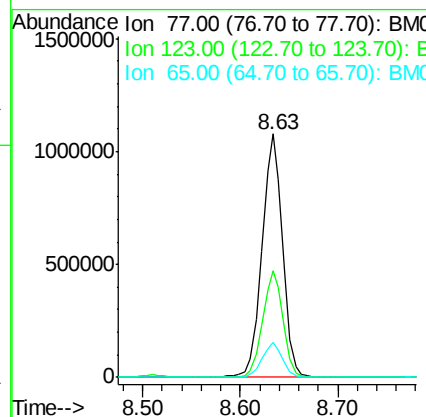
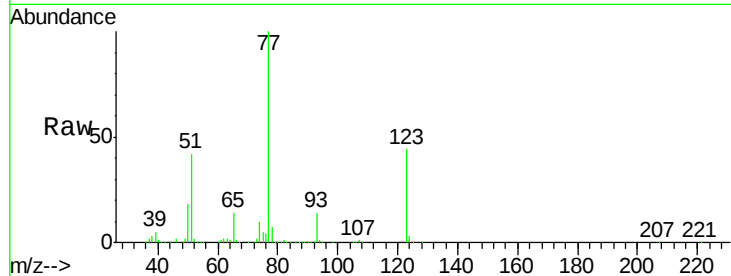
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	43.6	34.6	52.0
65	14.2	11.0	16.4

Manual Integrations
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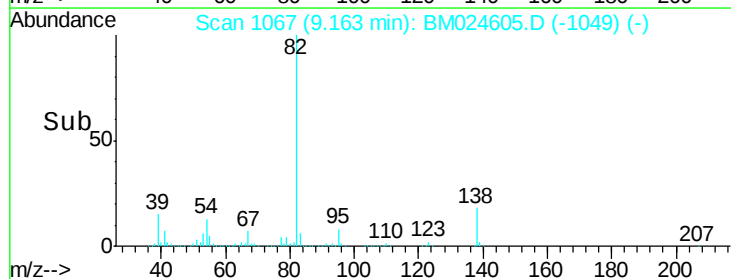
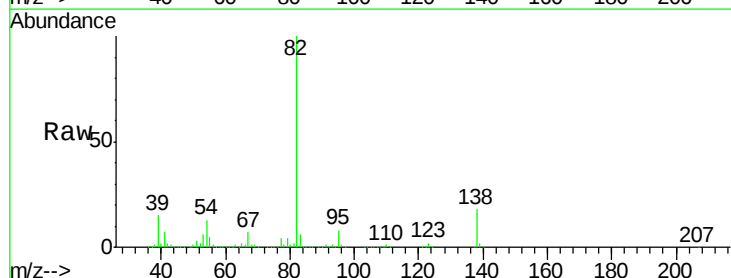
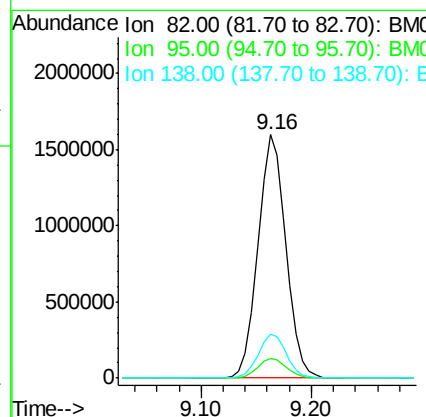
mohammad

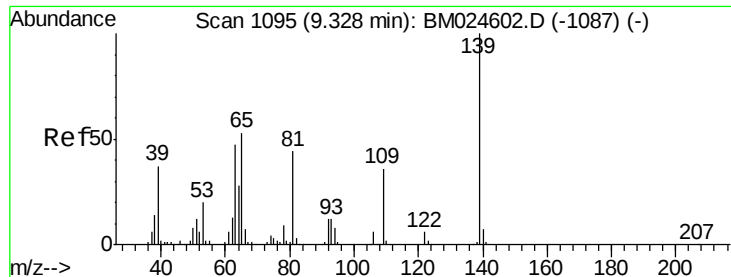
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#25
Isophorone
Concen: 77.998 ng
RT: 9.16 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.7	10.1
138	18.0	14.7	22.1





#26
2-Nitrophenol
Concen: 104.038 ng
RT: 9.33 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

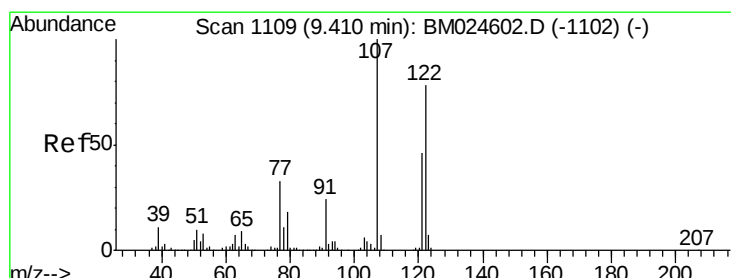
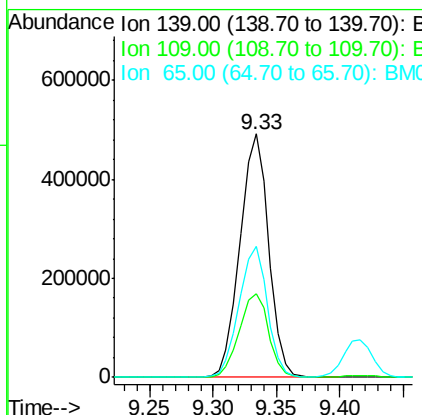
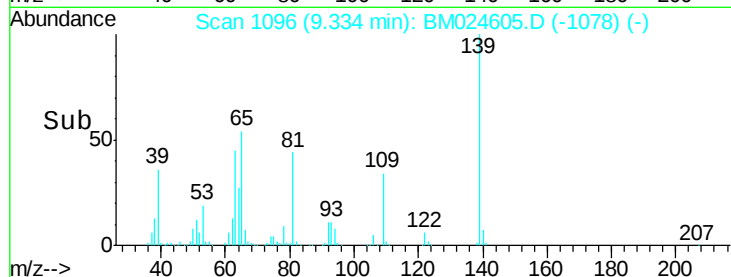
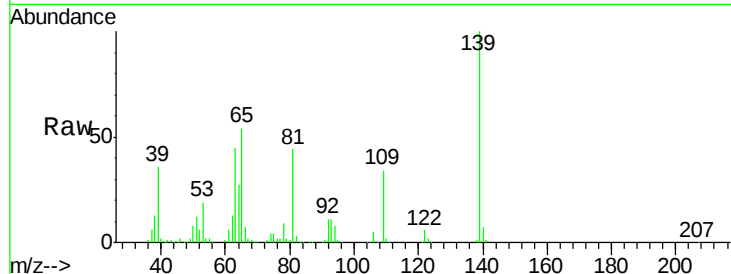
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	772840		
109	34.5	28.8	43.2	
65	53.6	42.6	63.8	

Manual Integrations
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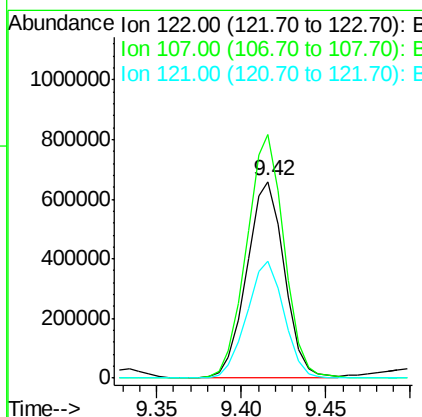
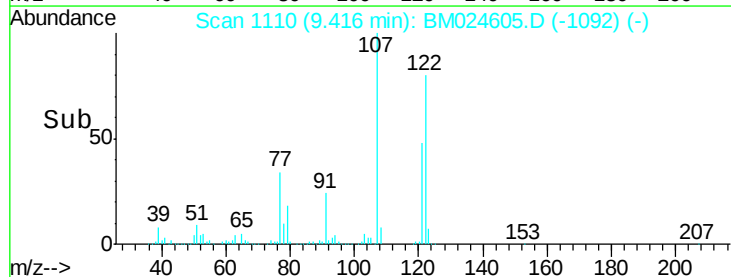
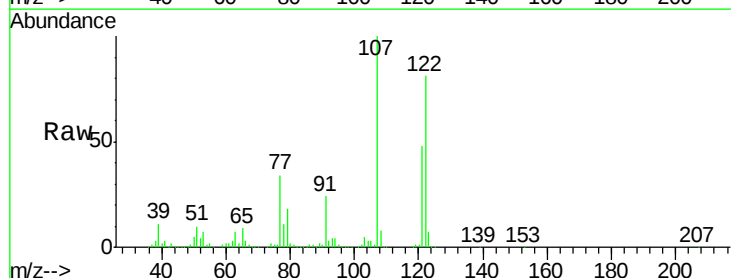
mohammad

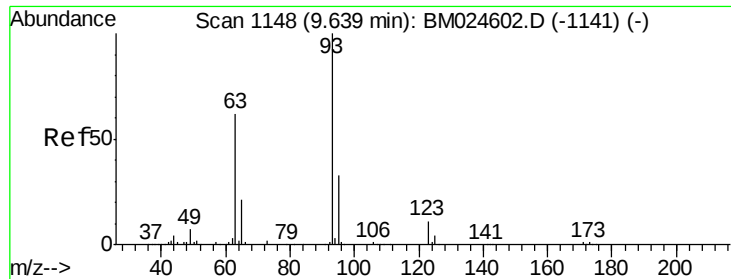
1/24/2020 1:54:58 PM



#27
2,4-Dimethylphenol
Concen: 79.997 ng
RT: 9.42 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	1024218		
107	123.9	102.5	153.7	
121	59.5	47.0	70.4	





#28
bis(2-Chloroethoxy)methane
Concen: 76.981 ng
RT: 9.65 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

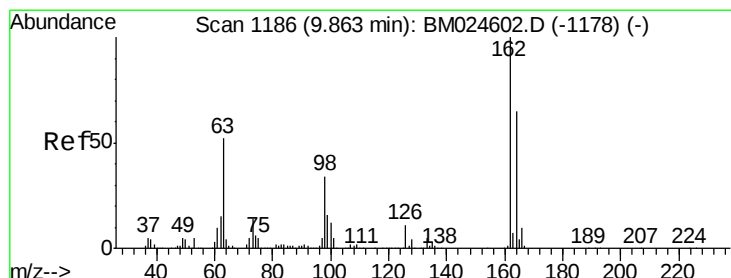
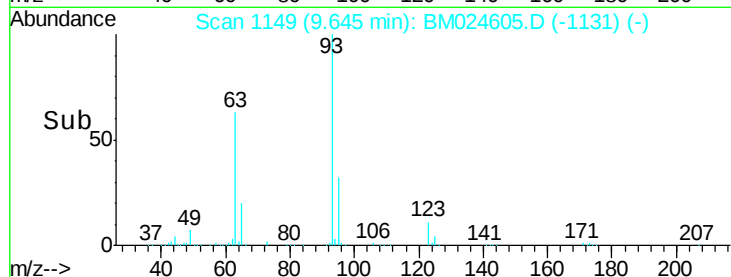
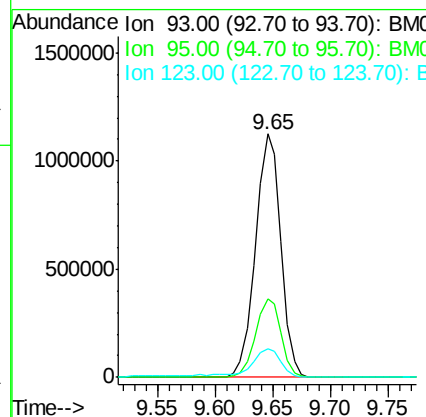
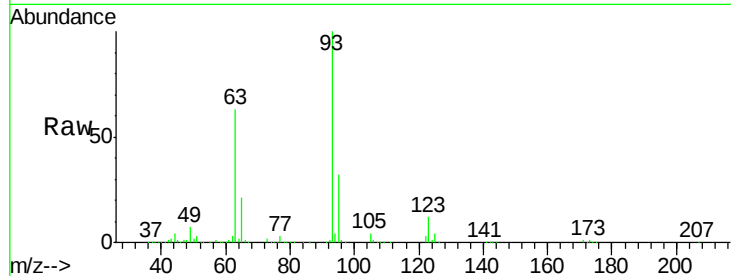
Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	11.7	8.7	13.1

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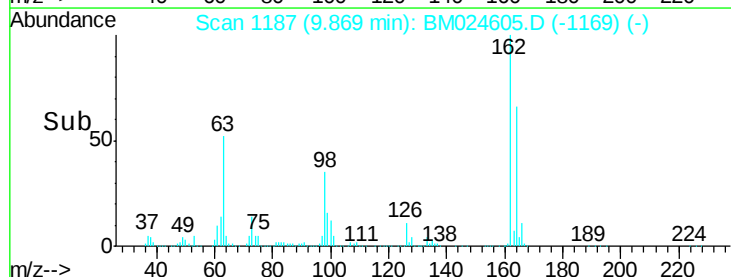
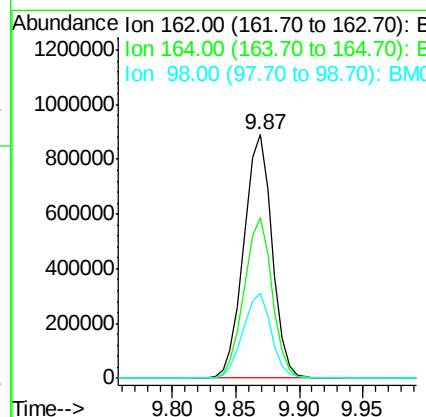
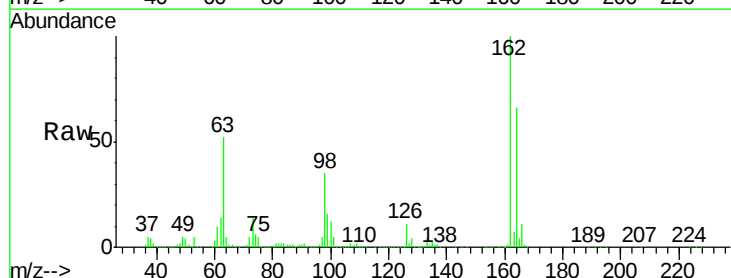
mohammad

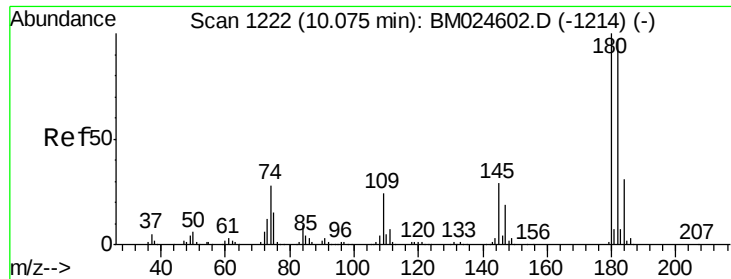
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#29
2,4-Dichlorophenol
Concen: 82.148 ng
RT: 9.87 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.5	84.5
98	34.8	14.2	54.2





#30
1,2,4-Trichlorobenzene
Concen: 79.381 ng
RT: 10.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

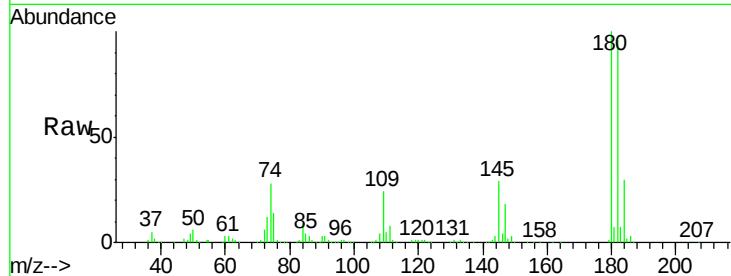
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.8	116.6
145	28.8	22.9	34.3

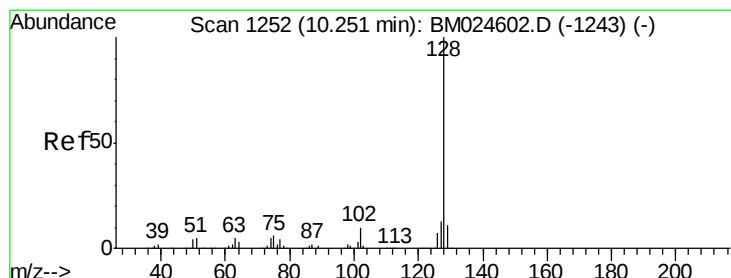
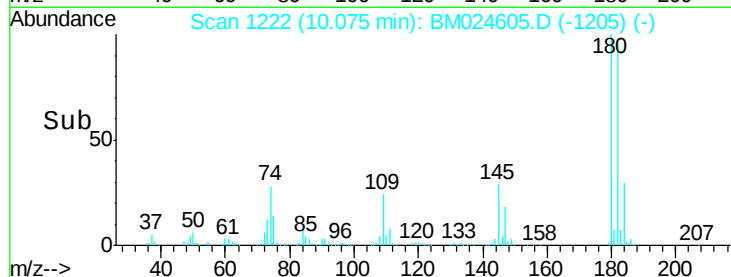
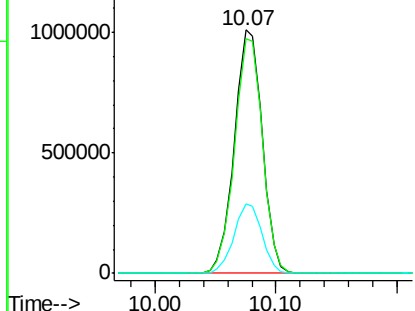
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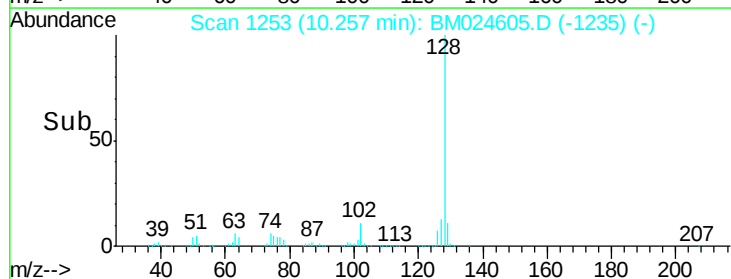
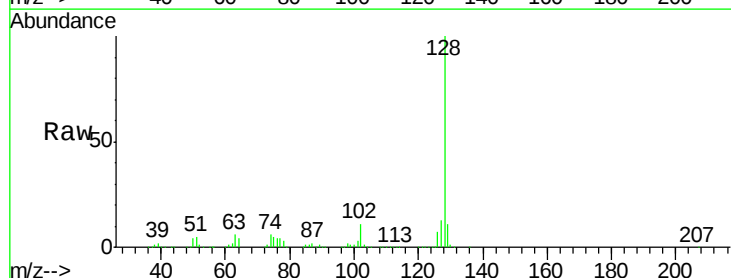
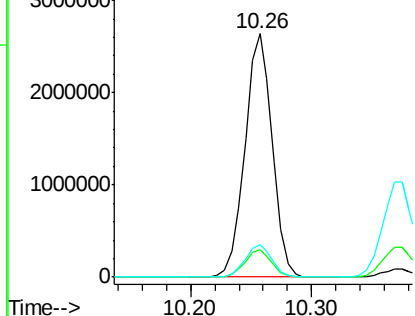
Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

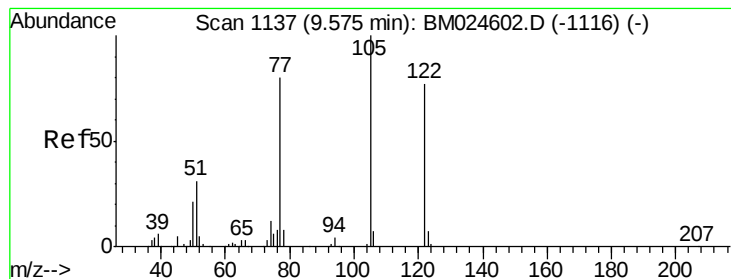


#31
Naphthalene
Concen: 73.259 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.6	15.8

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: 122.519 ng

RT: 9.63 min Scan# 1147

Delta R.T. 0.06 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:122 Resp: 1008600

Ion Ratio Lower Upper

122 100

105 128.5 107.7 147.7

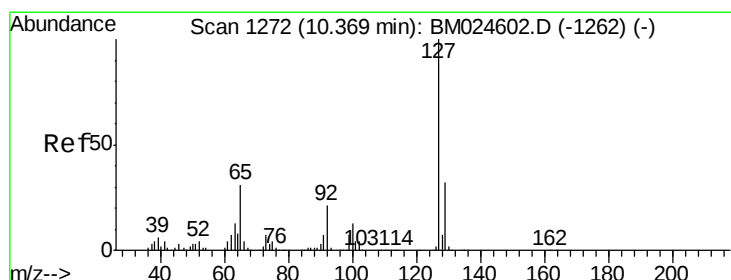
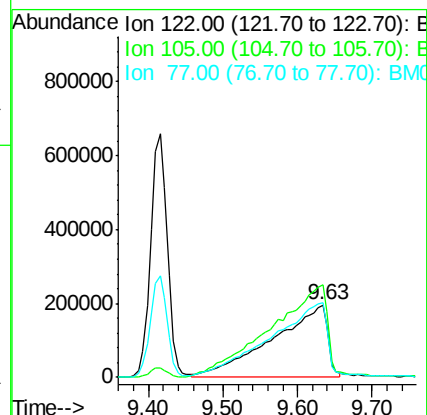
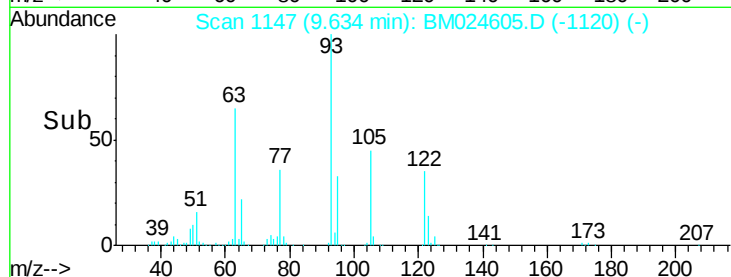
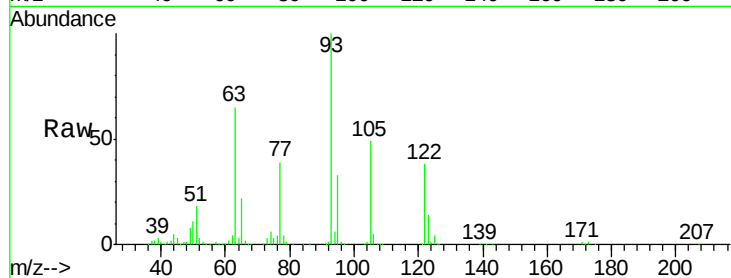
77 103.5 83.8 123.8

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#33

4-Chloroaniline

Concen: 73.521 ng

RT: 10.37 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:127 Resp: 1840950

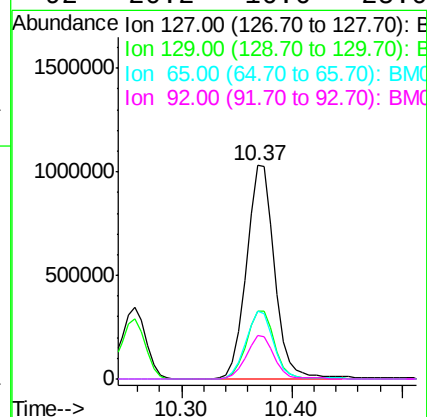
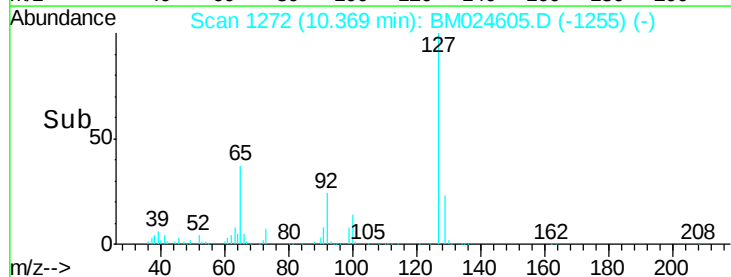
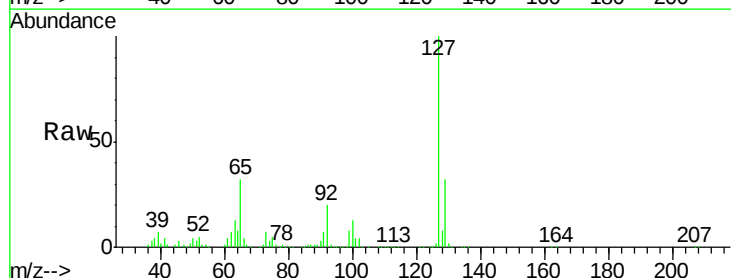
Ion Ratio Lower Upper

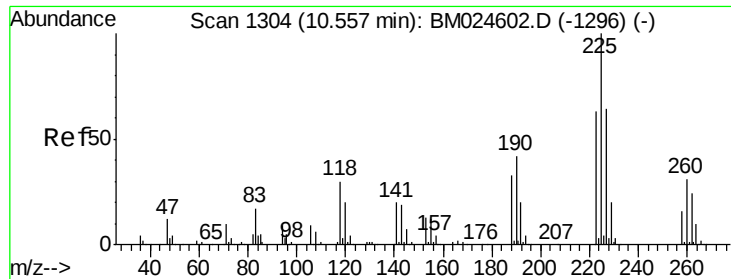
127 100

129 31.7 25.9 38.9

65 31.6 25.1 37.7

92 20.2 16.6 25.0





#34
Hexachlorobutadiene
Concen: 82.917 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

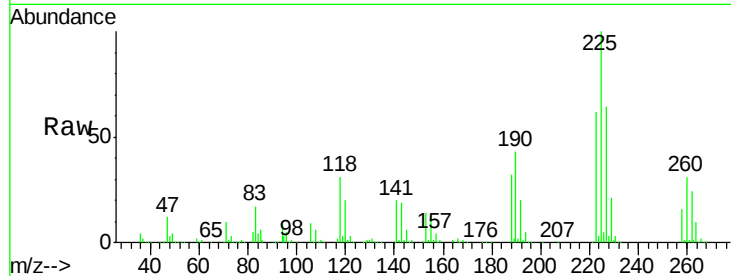
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	64.2	51.4	77.0

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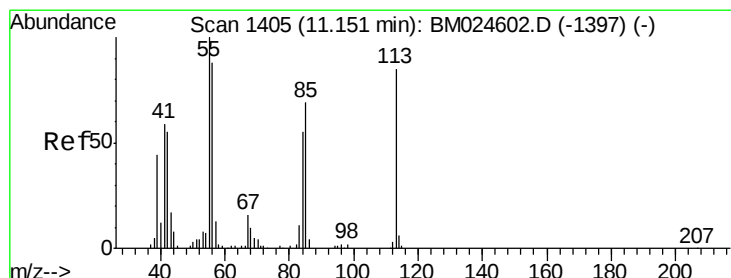
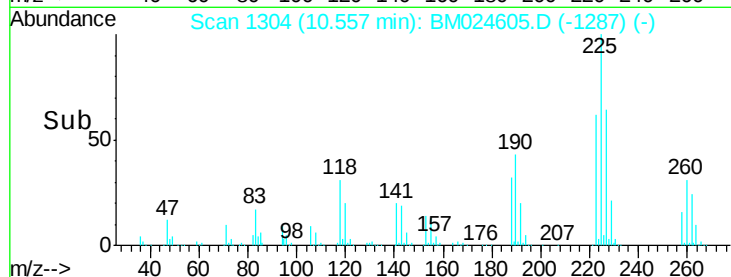
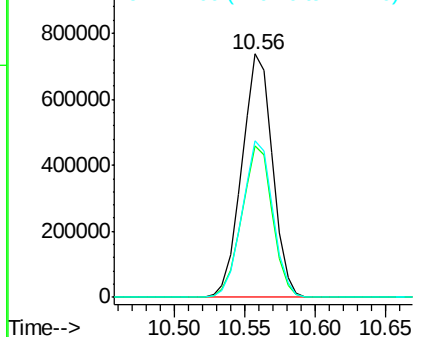


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 88.663 ng m
RT: 11.19 min Scan# 1412
Delta R.T. 0.04 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

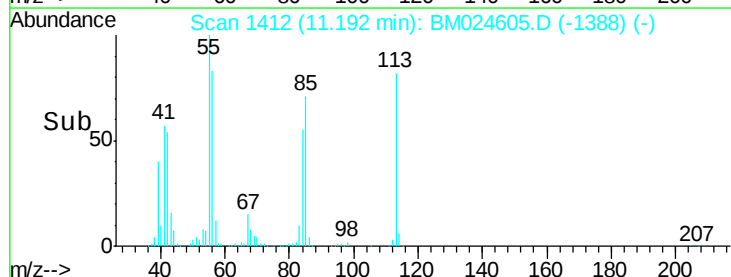
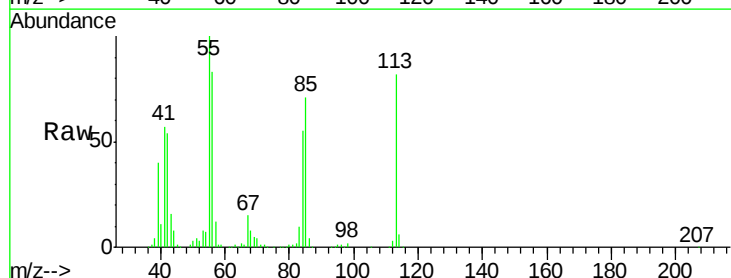
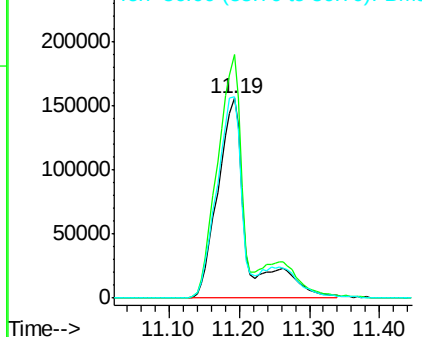
Tgt Ion	Ratio	Lower	Upper
113	100		
55	122.0	97.5	137.5
56	101.1	83.4	123.4

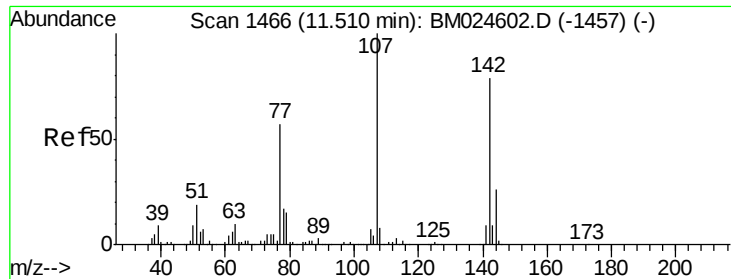
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0





#36
4-Chloro-3-methylphenol
Concen: 82.742 ng
RT: 11.52 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

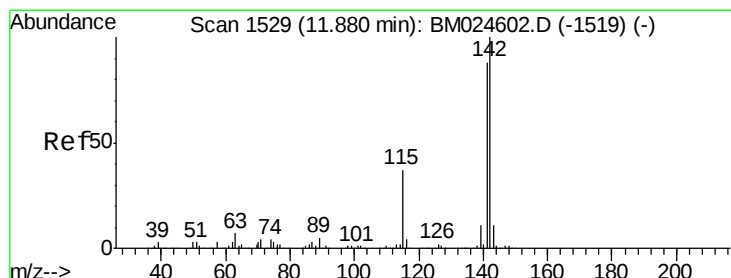
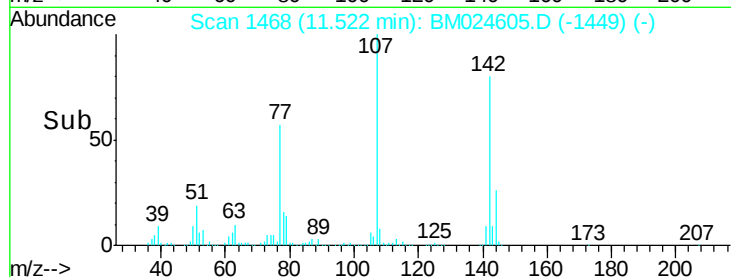
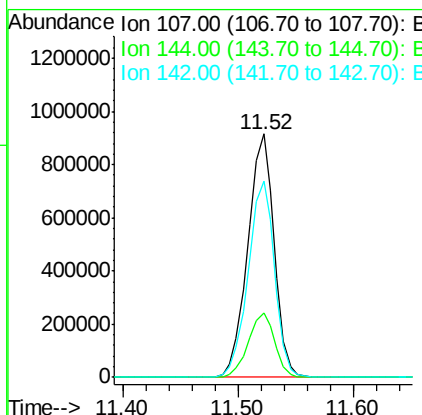
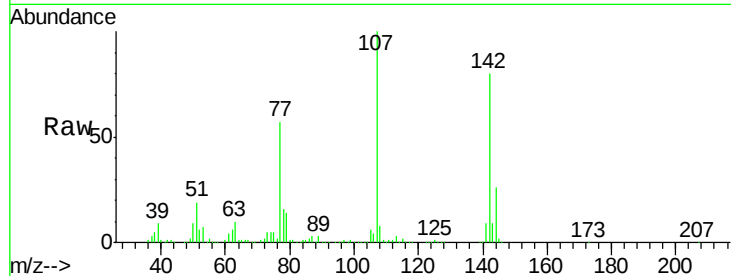
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	80.4	62.8	94.2

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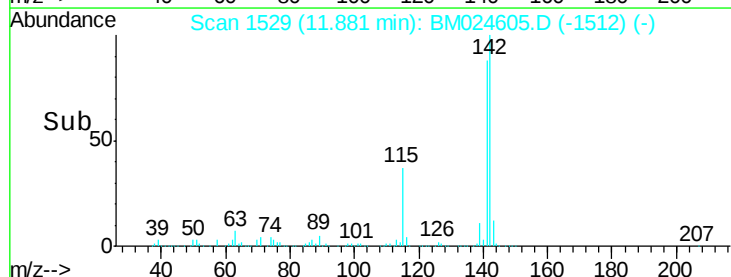
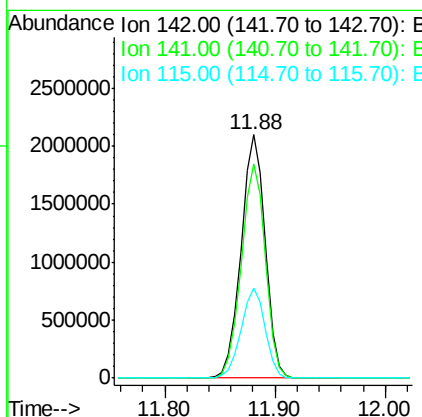
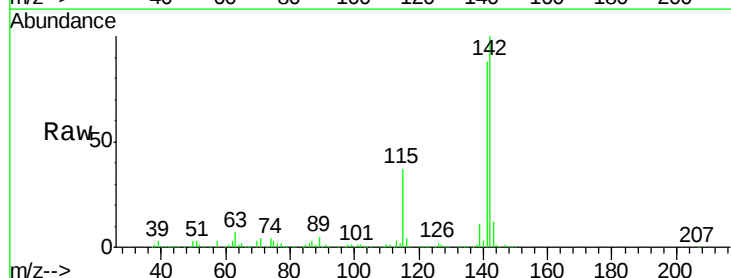
mohammad

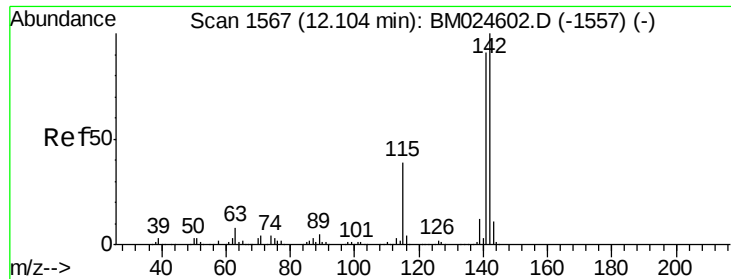
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#37
2-Methylnaphthalene
Concen: 77.862 ng
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.2
115	37.0	29.7	44.5





#38
1-Methylnaphthalene
Concen: 77.158 ng
RT: 12.10 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

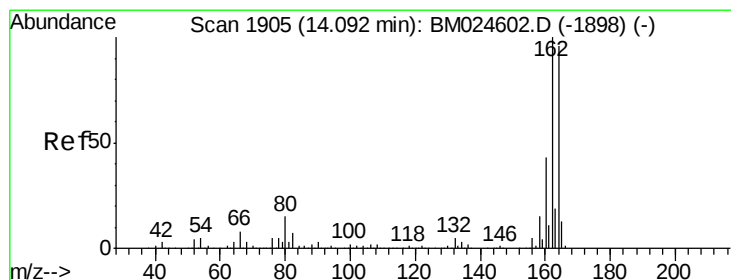
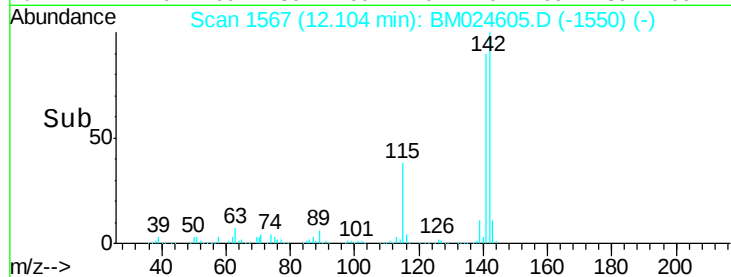
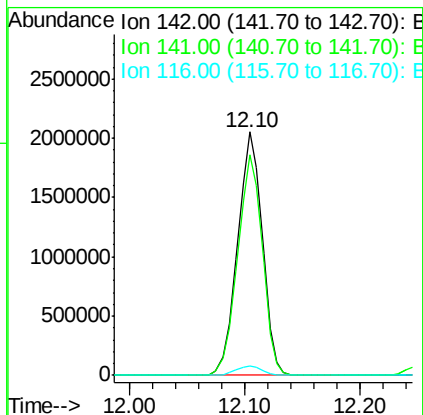
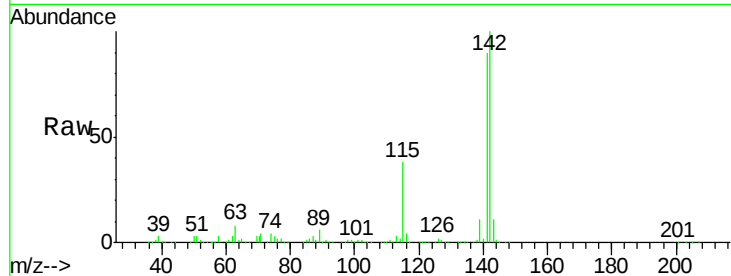
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:142 Resp: 3041538
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2
116 4.0 3.2 4.8

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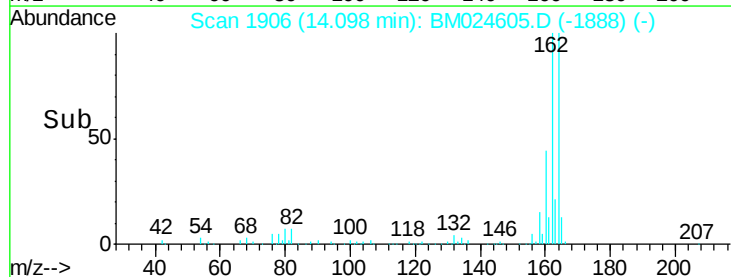
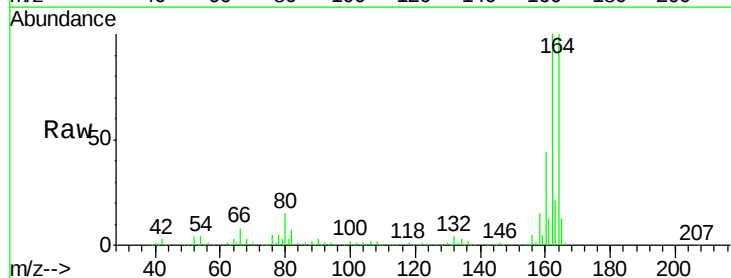
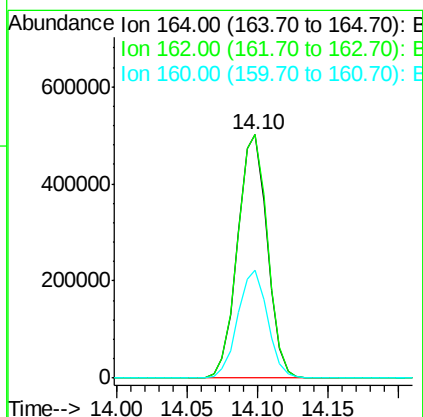
mohammad

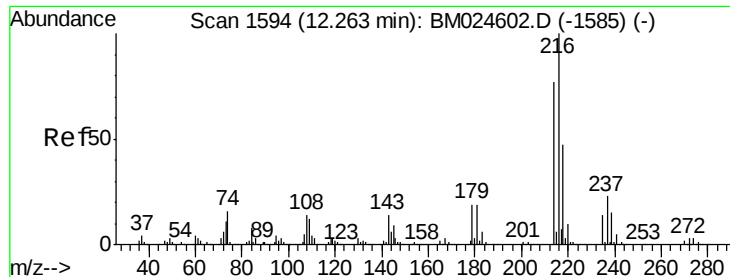
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:164 Resp: 734221
Ion Ratio Lower Upper
164 100
162 99.9 82.9 124.3
160 44.4 35.5 53.3





#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 80.544 ng
 RT: 12.26 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

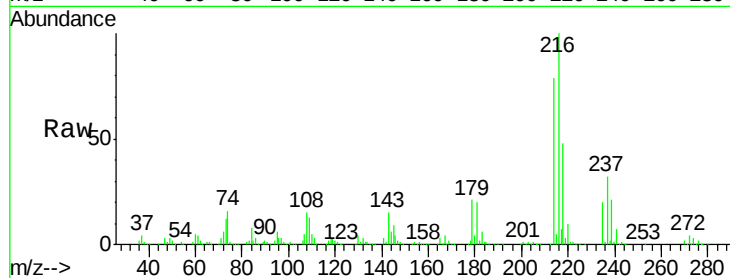
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
216	100			
214	78.5	62.3	93.5	
179	20.2	16.1	24.1	
108	15.9	13.0	19.6	

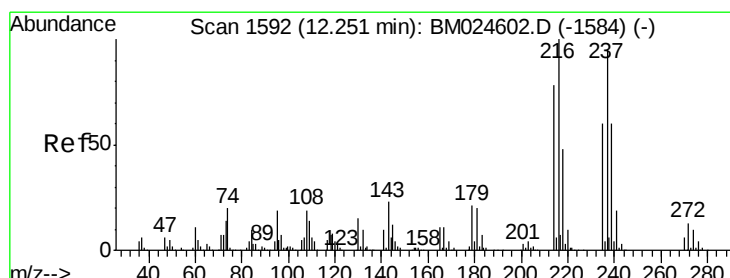
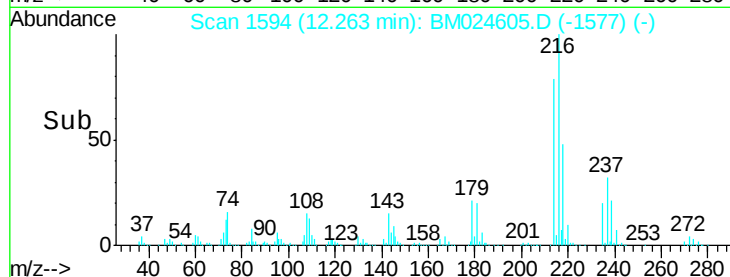
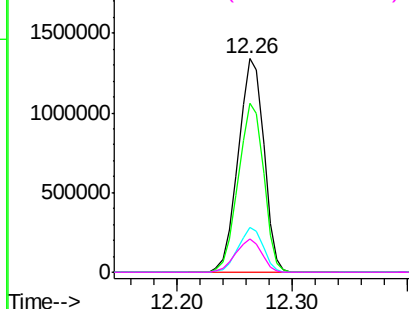
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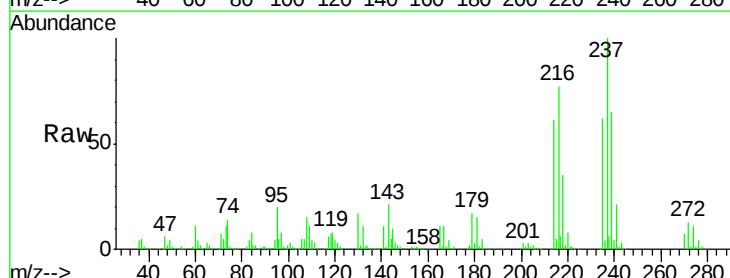


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

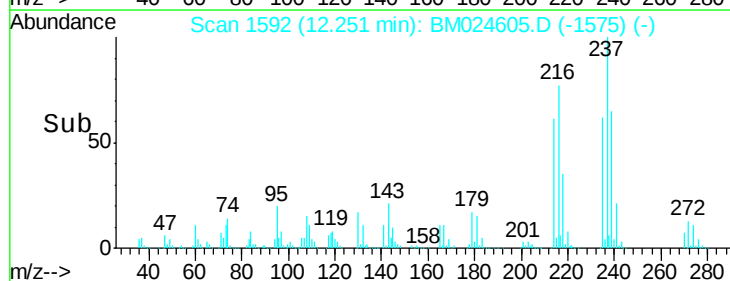
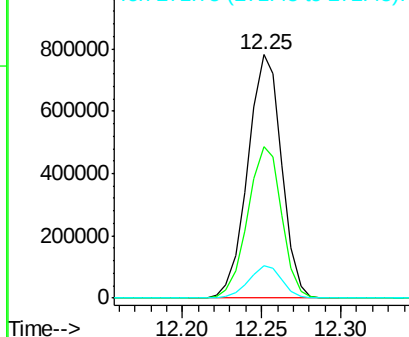


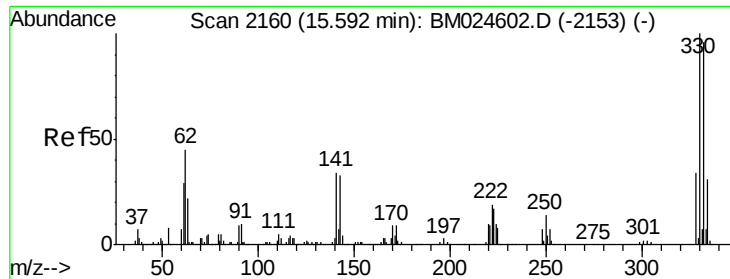
#41
 Hexachlorocyclopentadiene
 Concen: 81.614 ng
 RT: 12.25 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion	Ion	Ratio	Lower	Upper
237	100			
235	62.2	43.3	83.3	
272	13.2	0.0	33.4	



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: 189.788 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:330 Resp: 1916460

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

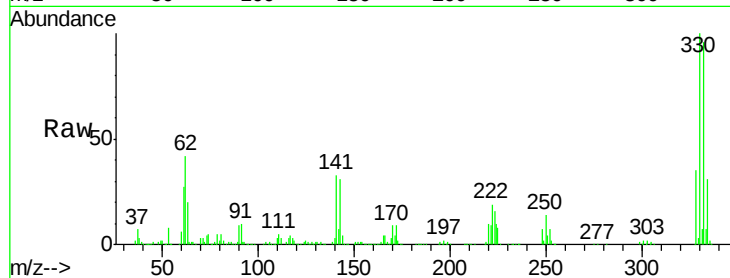
141 32.2 26.9 40.3

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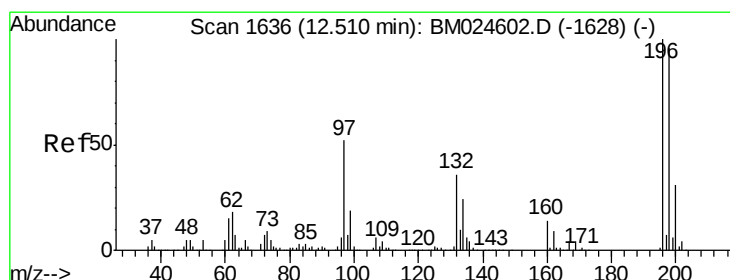
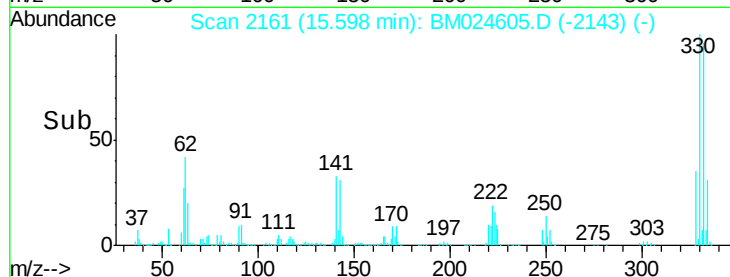
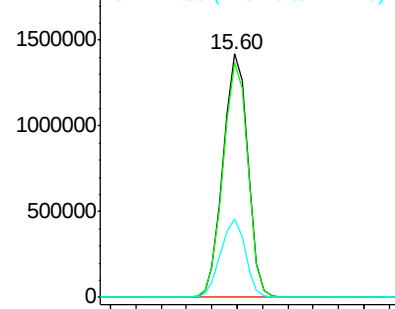
1/24/2020 1:54:58 PM



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: 90.726 ng

RT: 12.51 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

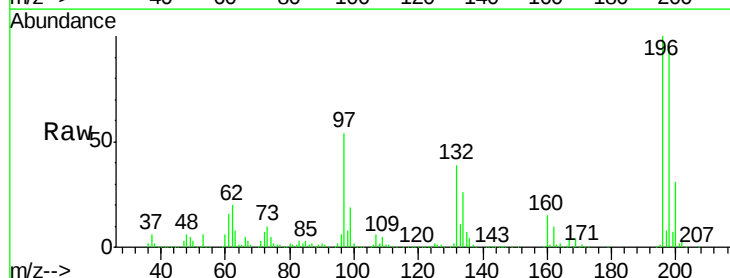
Tgt Ion:196 Resp: 1325526

Ion Ratio Lower Upper

196 100

198 95.9 76.5 114.7

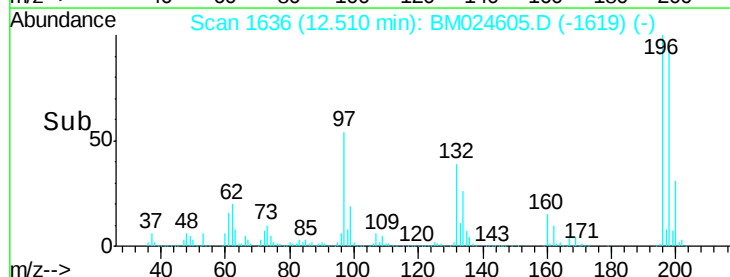
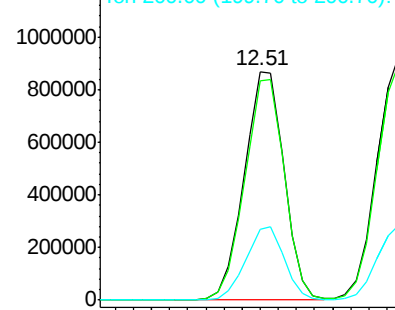
200 31.2 25.0 37.6

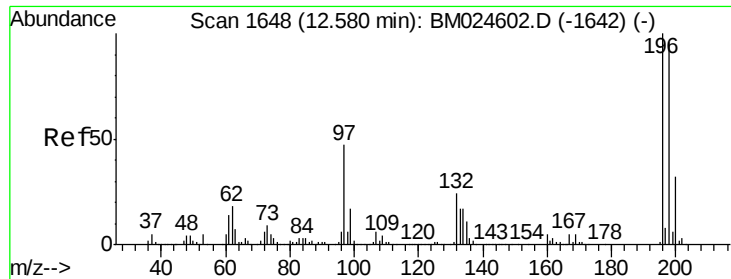


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 87.232 ng

RT: 12.59 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:196 Resp: 1371605

Ion Ratio Lower Upper

196 100

198 96.9 77.2 115.8

97 44.7 37.4 56.0

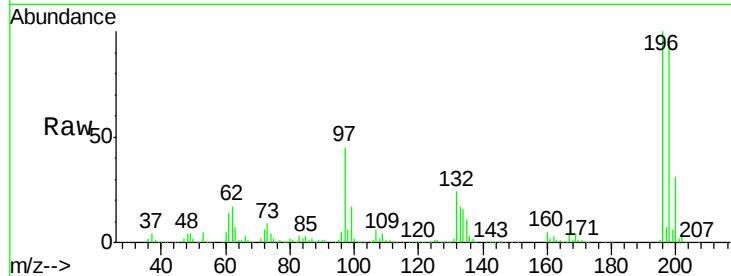
132 23.7 19.3 28.9

Manual Integrations

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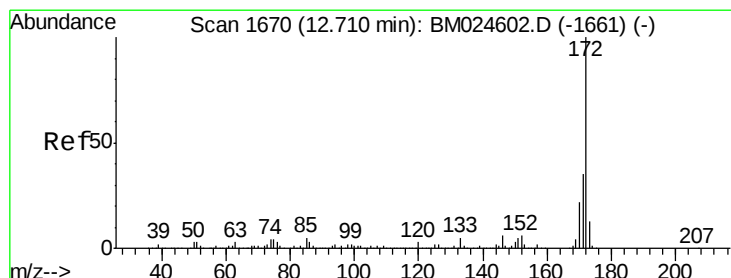
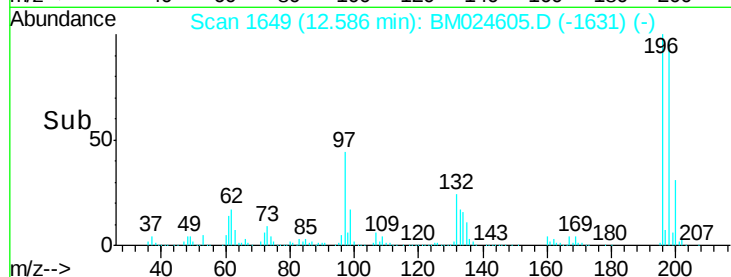
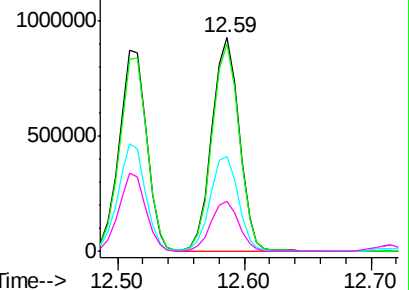


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 155.124 ng

RT: 12.72 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

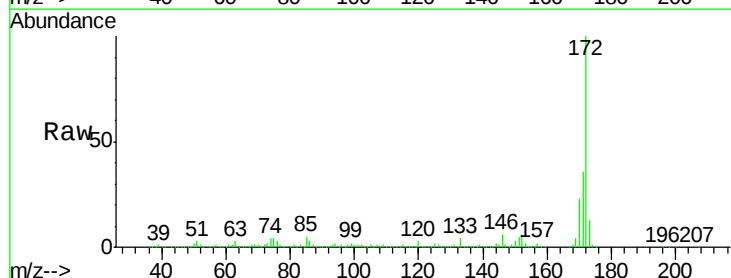
Tgt Ion:172 Resp: 8507972

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

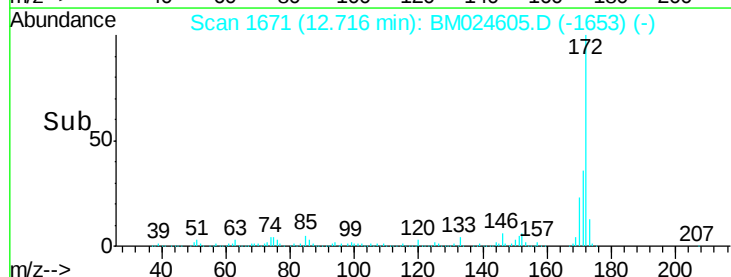
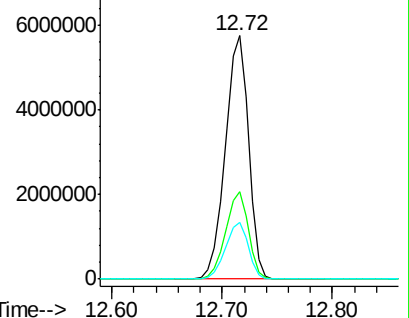
170 23.3 17.9 26.9

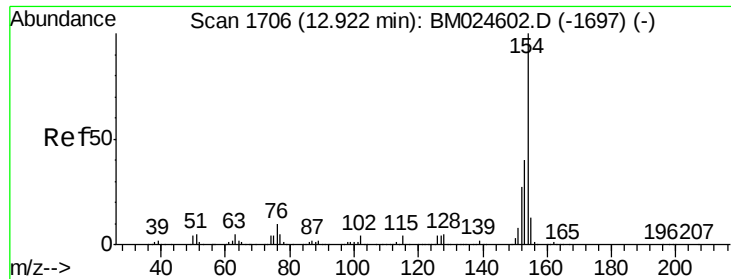


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46
 1,1'-Biphenyl
 Concen: 74.059 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

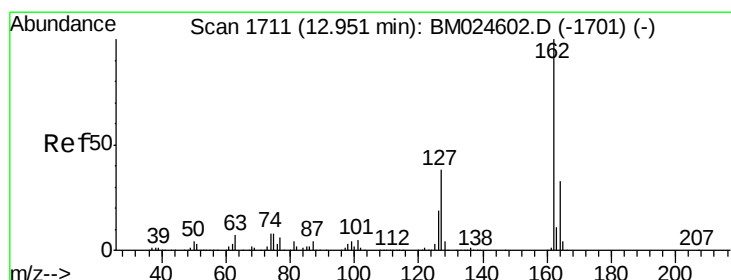
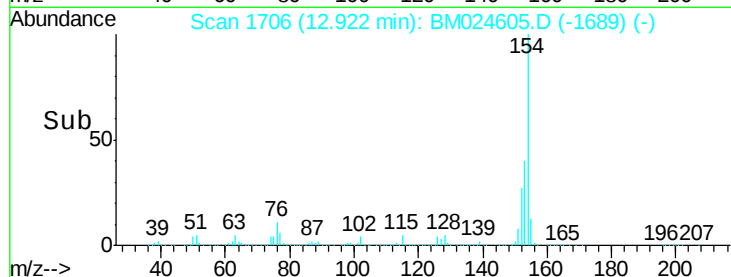
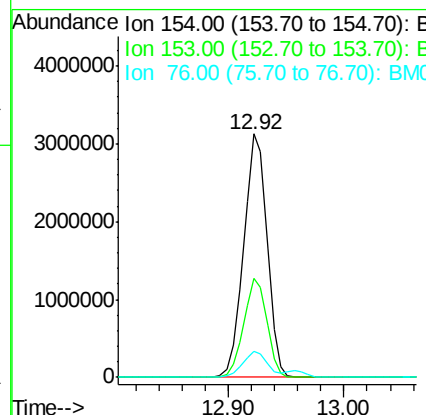
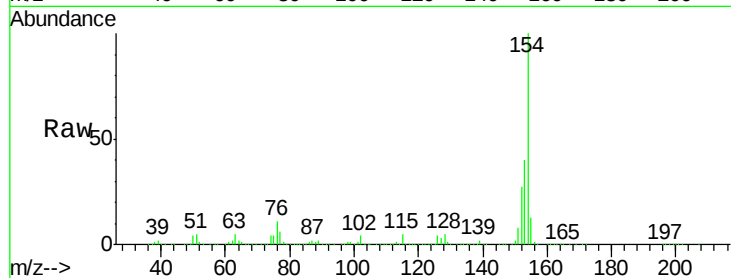
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	10.9	0.0	30.5

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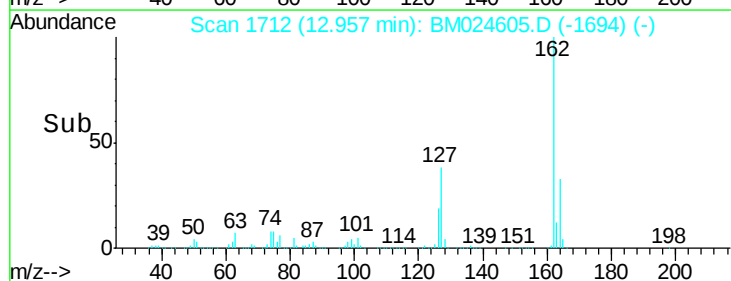
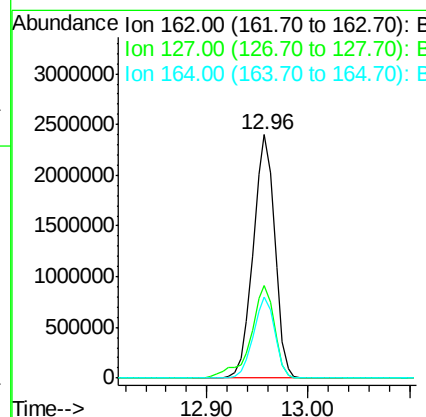
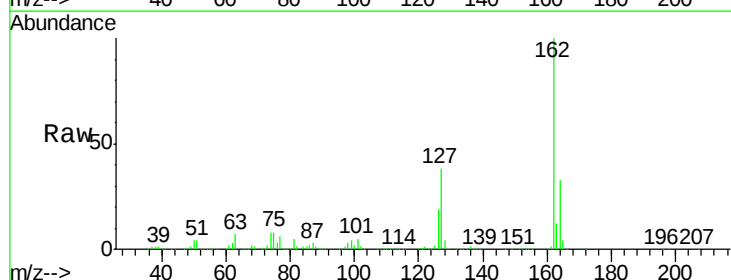
mohammad

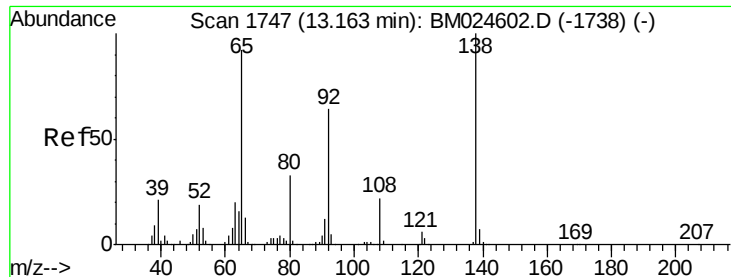
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#47
 2-Chloronaphthalene
 Concen: 74.068 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.4	45.6
164	33.3	26.5	39.7





#48
2-Nitroaniline
Concen: 75.827 ng
RT: 13.17 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

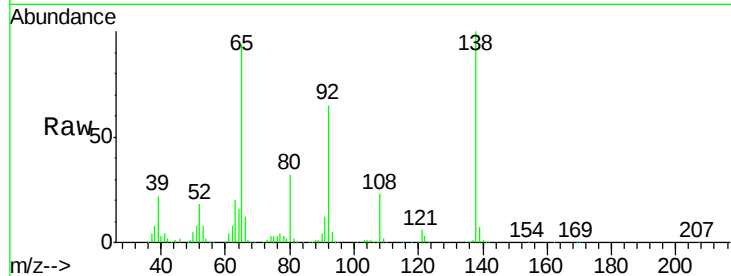
Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion: 65 Resp: 1100685
Ion Ratio Lower Upper
65 100
92 68.9 55.4 83.2
138 106.6 86.6 129.8

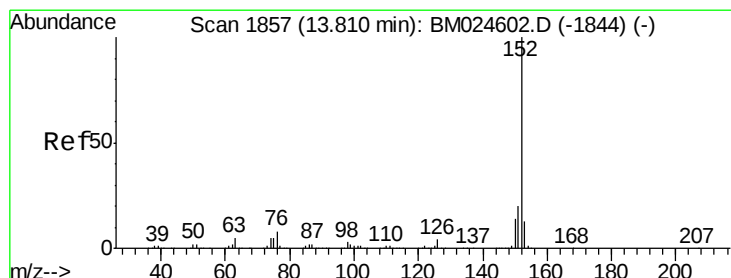
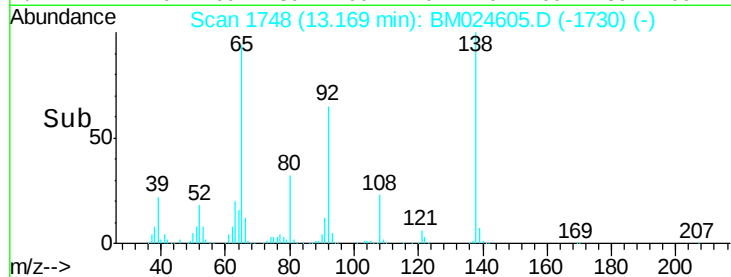
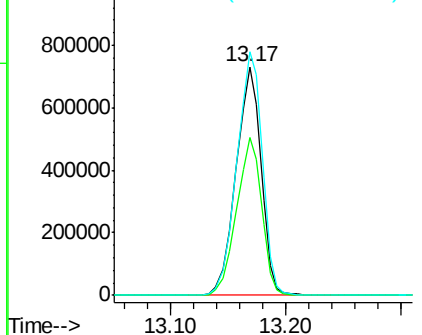
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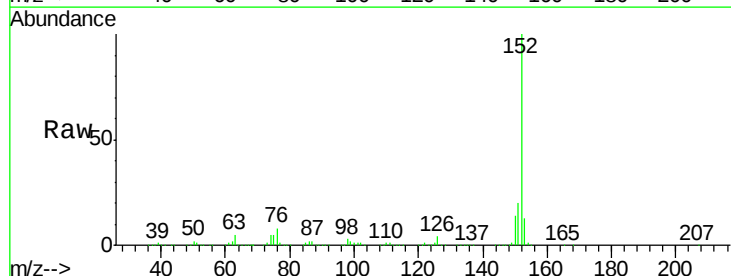


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

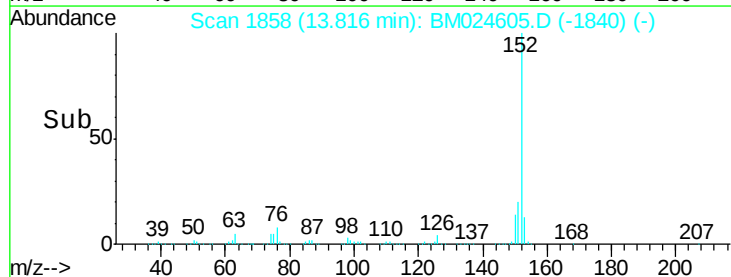
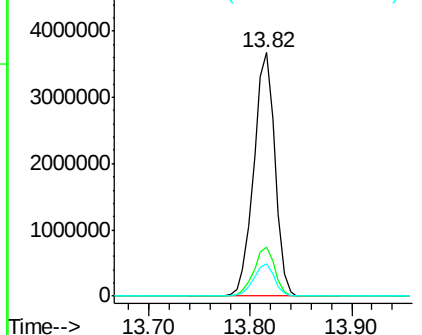


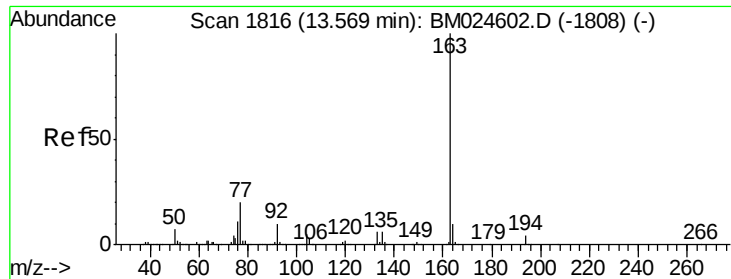
#49
Acenaphthylene
Concen: 73.331 ng
RT: 13.82 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion: 152 Resp: 5310458
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.2 10.4 15.6



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





#50
Dimethylphthalate
Concen: 76.097 ng
RT: 13.58 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

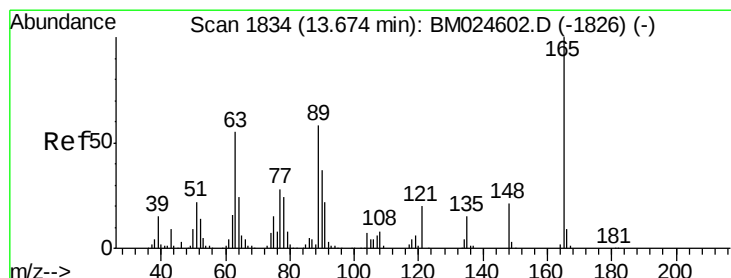
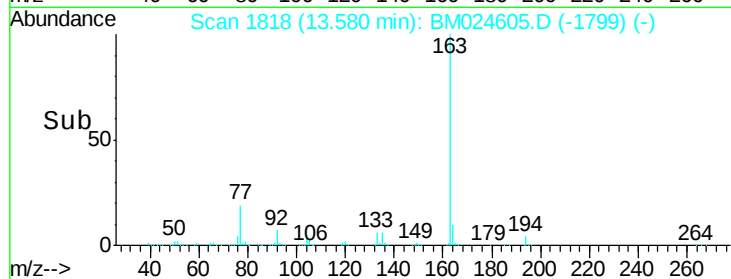
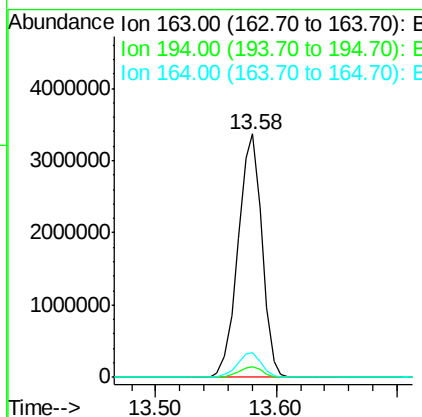
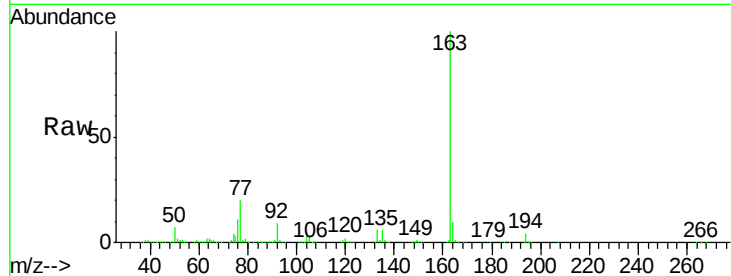
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:163 Resp: 4631482
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.9 8.0 12.0

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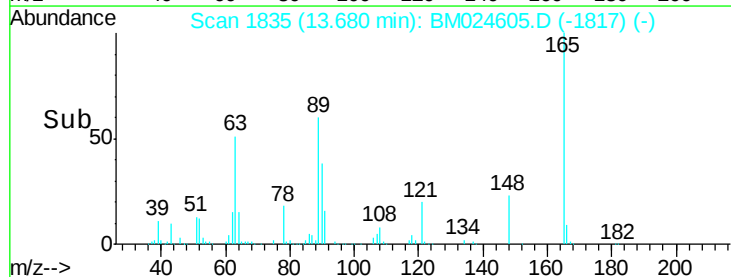
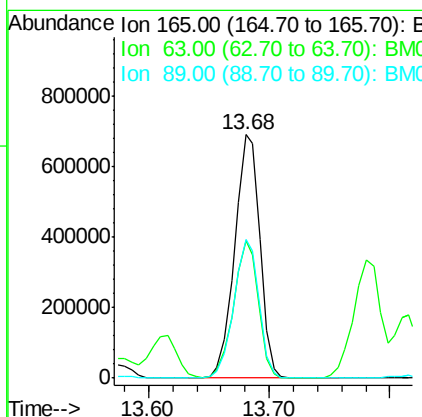
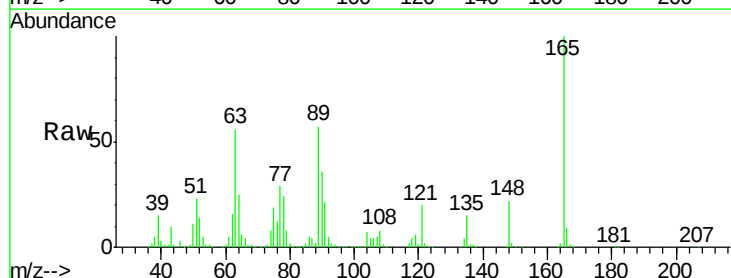
mohammad

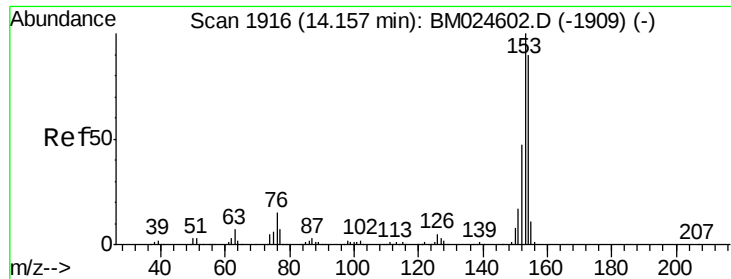
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#51
2,6-Dinitrotoluene
Concen: 77.278 ng
RT: 13.68 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:165 Resp: 1003164
Ion Ratio Lower Upper
165 100
63 56.3 45.4 68.0
89 57.2 46.6 69.8





#52

Acenaphthene

Concen: 74.675 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 3306539

Ion Ratio Lower Upper

154 100

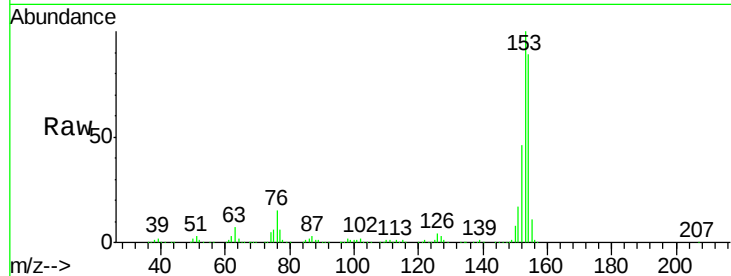
153 111.9 89.1 133.7

152 51.8 41.9 62.9

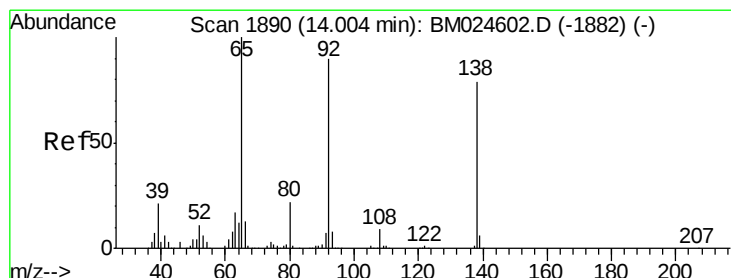
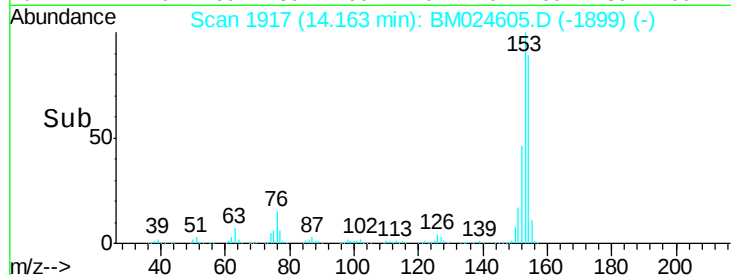
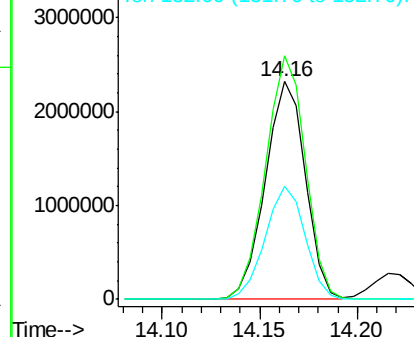
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 74.757 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

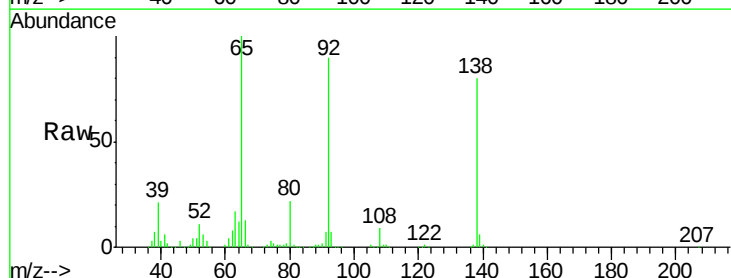
Tgt Ion:138 Resp: 1059260

Ion Ratio Lower Upper

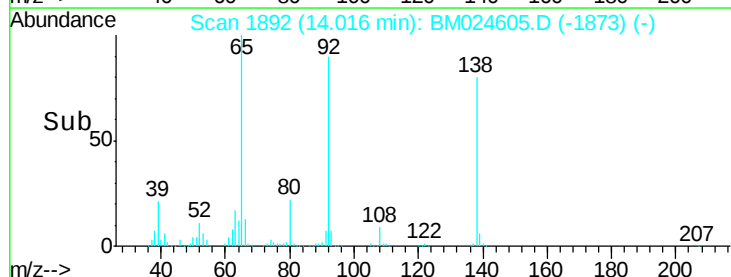
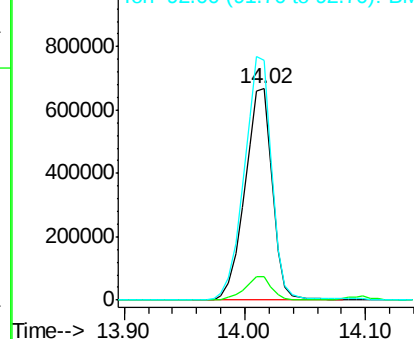
138 100

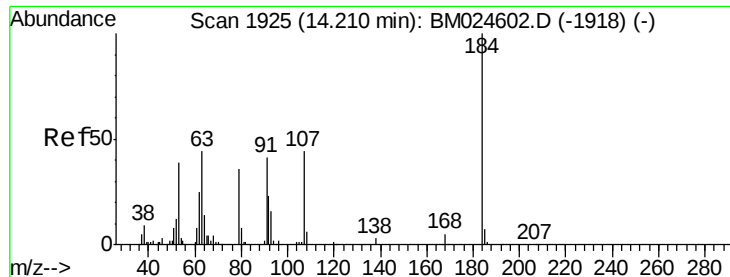
108 10.9 8.7 13.1

92 113.4 91.0 136.4



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





#54
2,4-Dinitrophenol
Concen: 126.019 ng
RT: 14.22 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

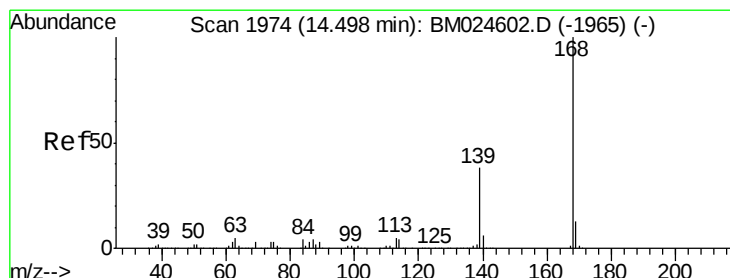
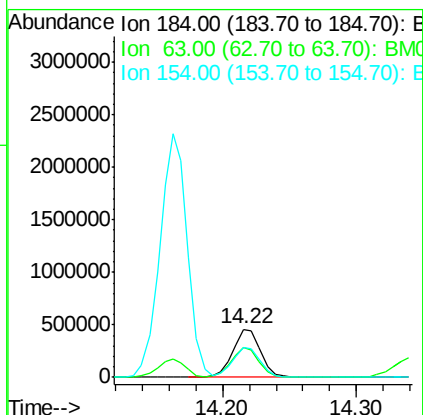
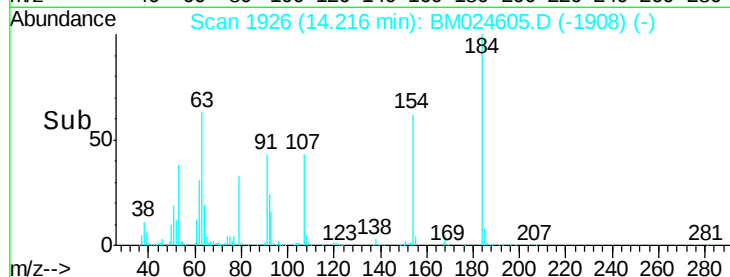
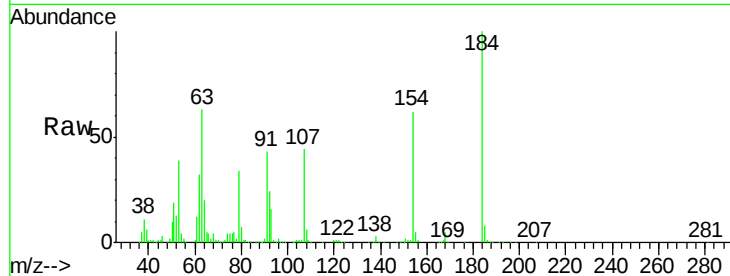
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.1	51.8	77.8
154	62.1	50.2	75.4

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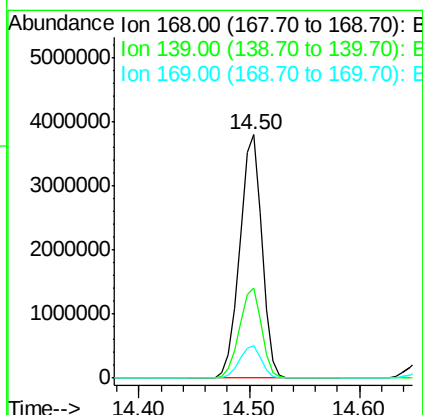
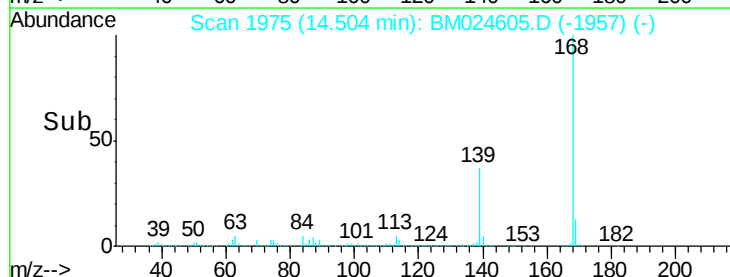
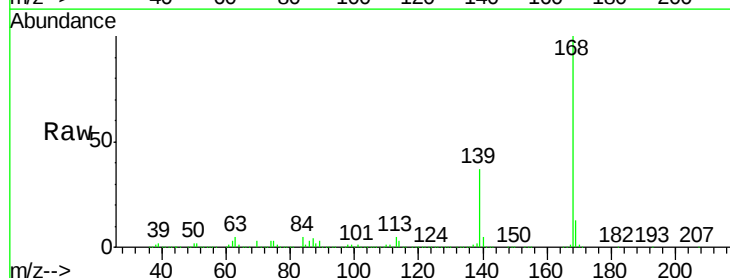
mohammad

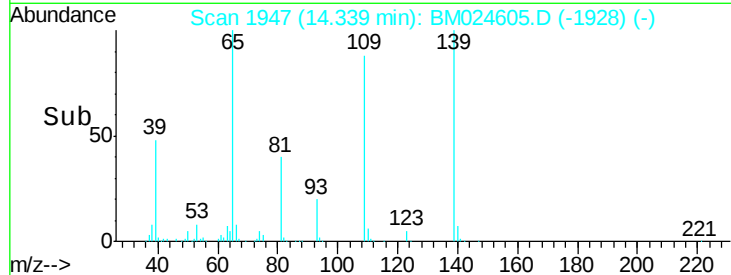
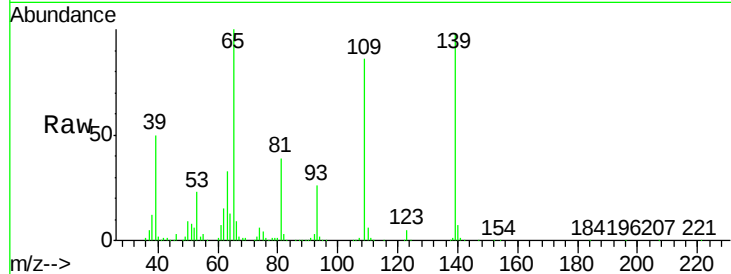
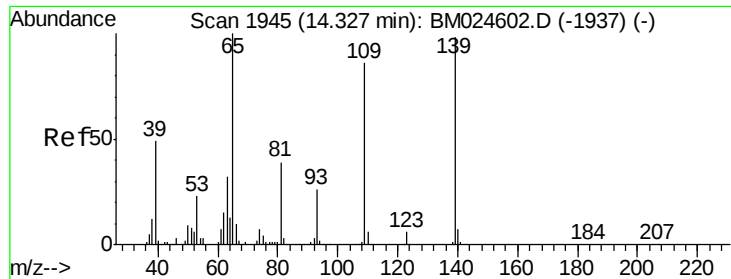
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#55
Dibenzofuran
Concen: 74.672 ng
RT: 14.50 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.2	45.4
169	13.2	10.7	16.1





#56
4-Nitrophenol
Concen: 79.286 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

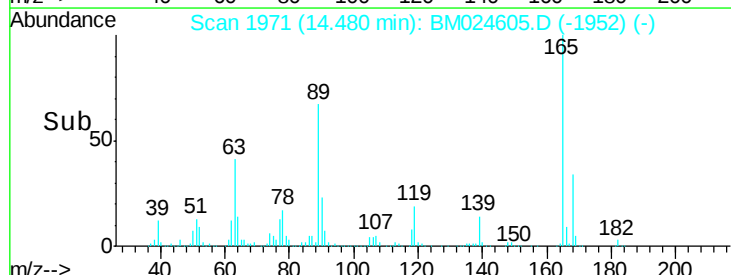
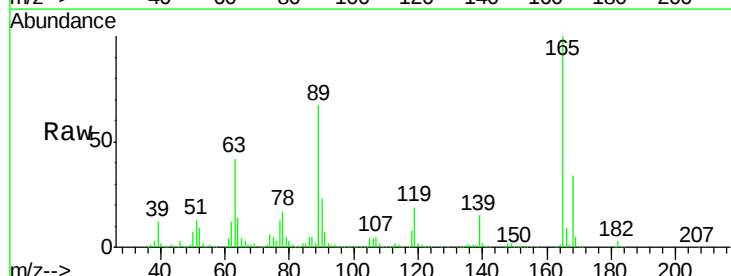
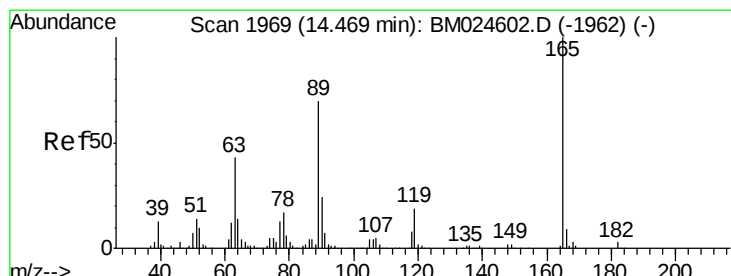
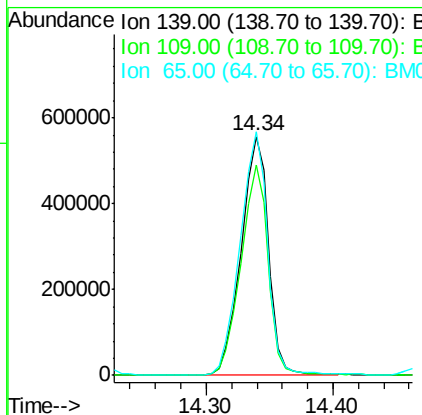
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	88.0	67.4	107.4	
65	101.9	82.1	122.1	

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Manual Integrations
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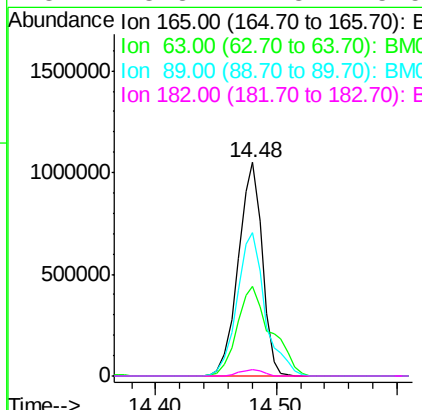
mohammad

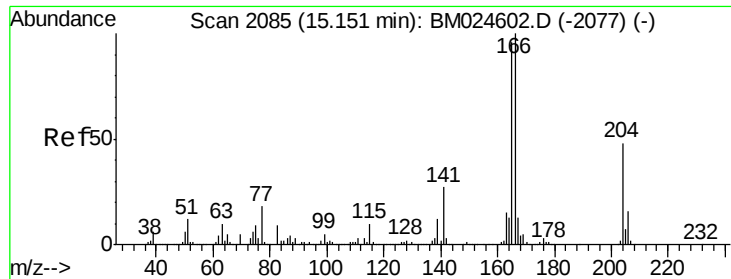
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#57
2,4-Dinitrotoluene
Concen: 78.501 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.7	34.5	51.7	
89	67.0	55.8	83.8	
182	3.3	2.3	3.5	





#58

Fluorene

Concen: 75.504 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:166 Resp: 4562931

Ion Ratio Lower Upper

166 100

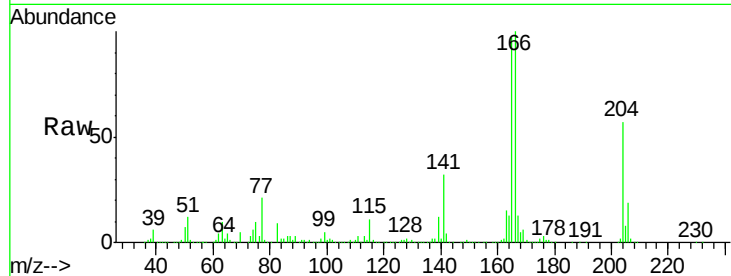
165 96.9 76.6 114.8

167 13.3 10.8 16.2

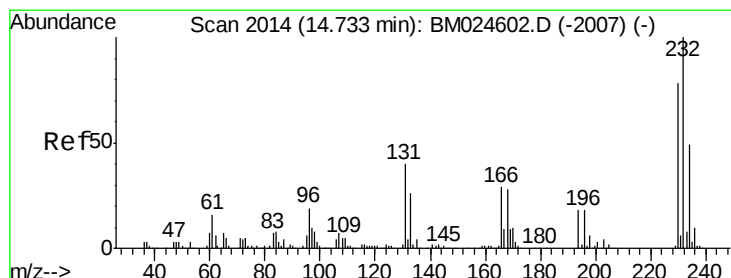
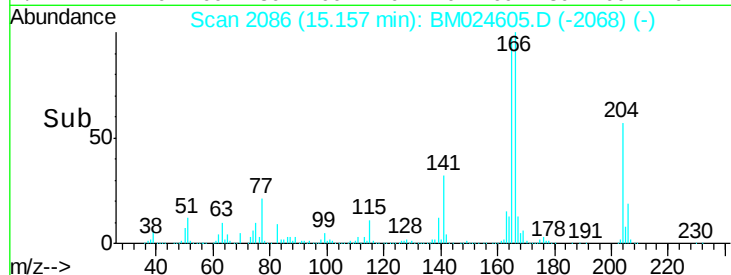
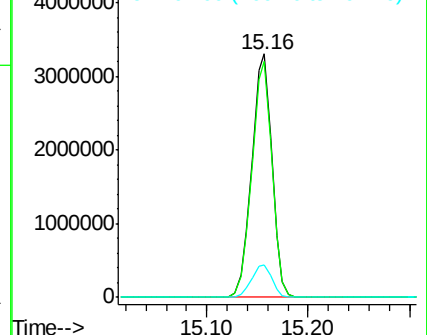
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 93.937 ng

RT: 14.74 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:232 Resp: 1374000

Ion Ratio Lower Upper

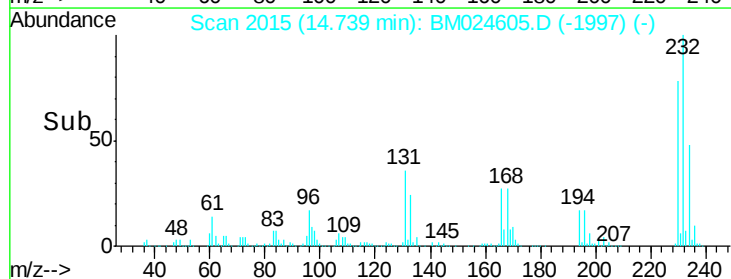
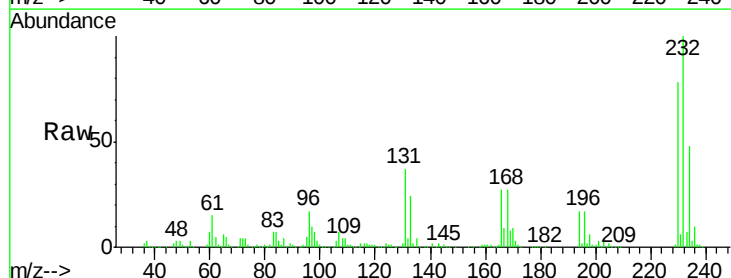
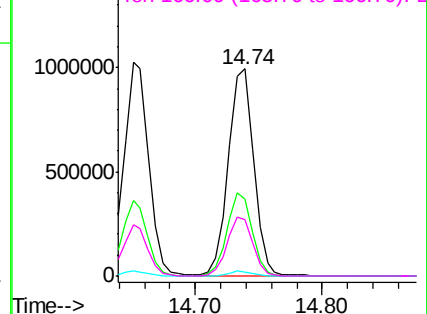
232 100

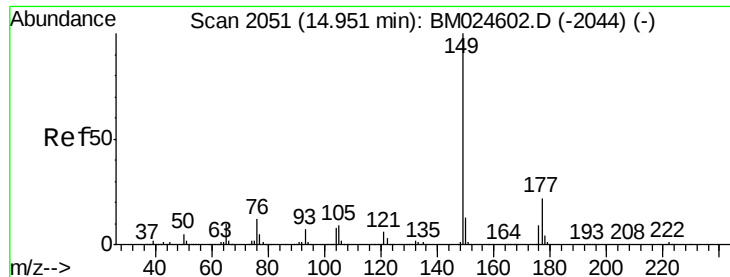
131 39.5 32.2 48.4

130 2.2 1.9 2.9

166 28.6 23.4 35.0

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





#60
Diethylphthalate
Concen: 75.037 ng
RT: 14.96 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

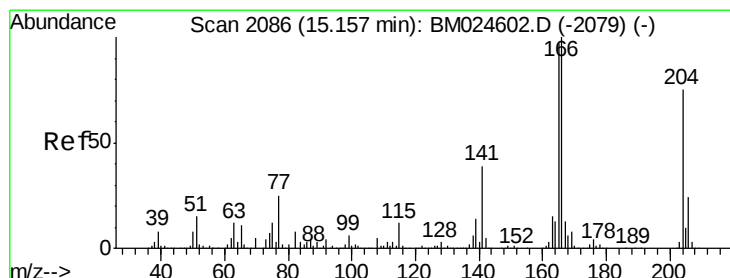
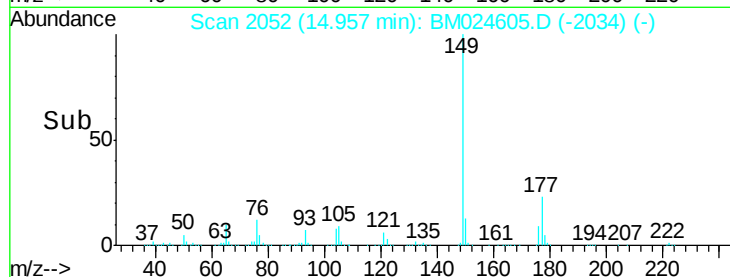
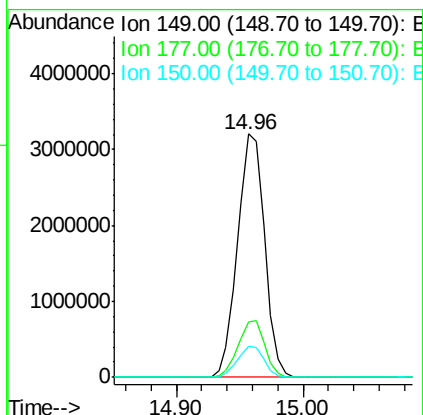
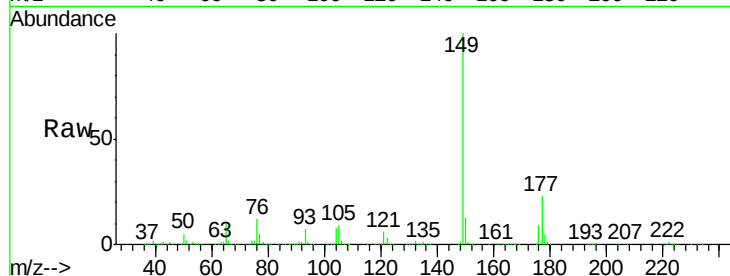
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.0	27.0
150	12.9	10.2	15.4

Manual Integrations
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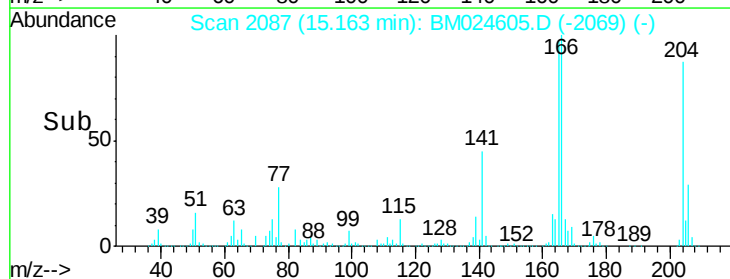
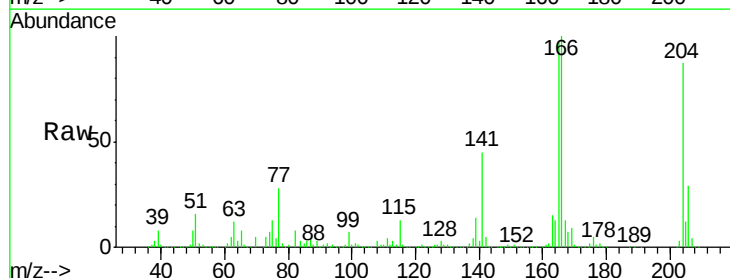
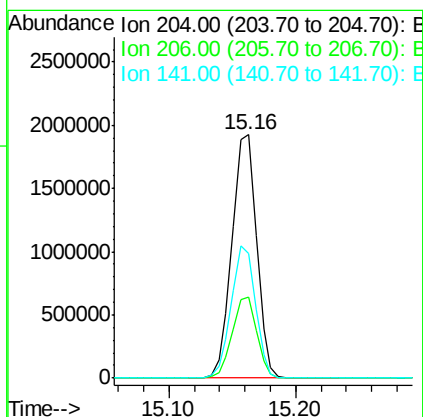
mohammad

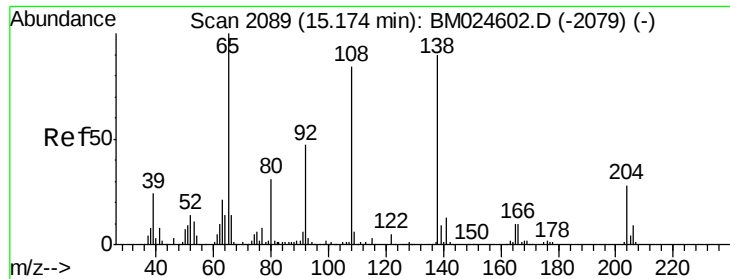
1/24/2020 1:54:58 PM



#61
4-Chlorophenyl-phenylether
Concen: 78.378 ng
RT: 15.16 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	51.3	42.2	63.2





#62
4-Nitroaniline
Concen: 73.449 ng
RT: 15.19 min Scan# 2092
Delta R.T. 0.02 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

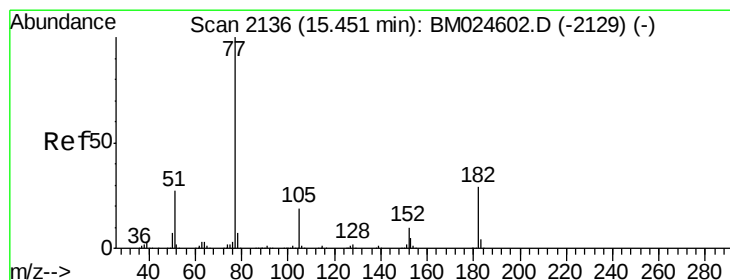
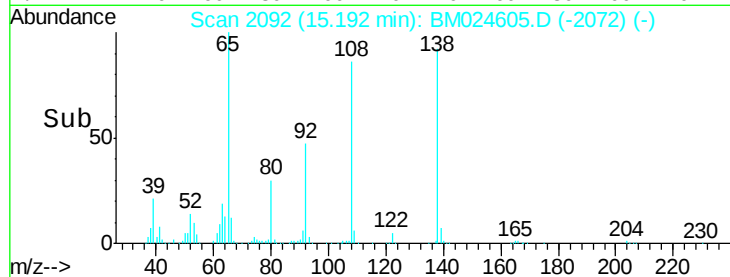
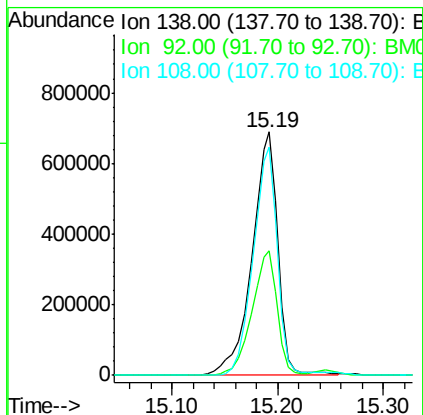
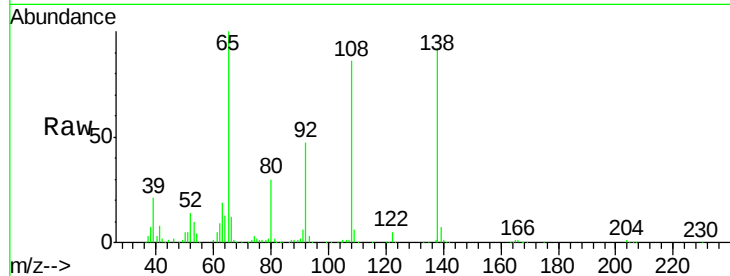
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:138 Resp: 1177204
Ion Ratio Lower Upper
138 100
92 51.1 32.4 72.4
108 93.5 73.3 113.3

Manual Integrations
APPROVED

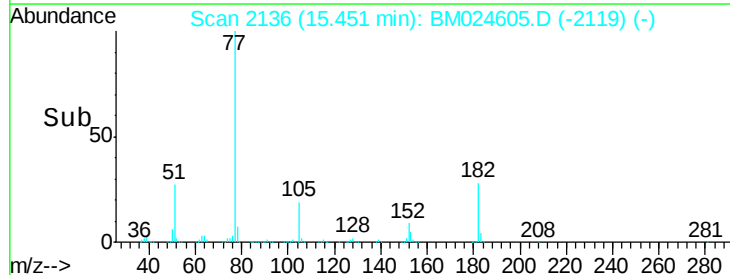
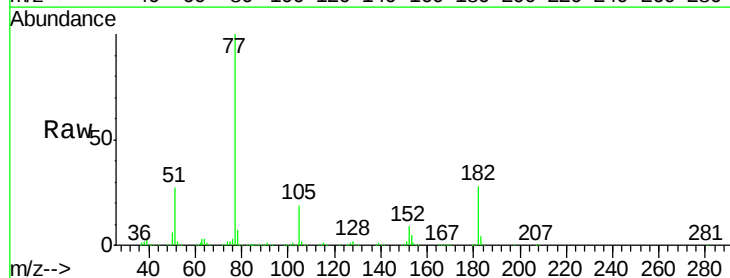
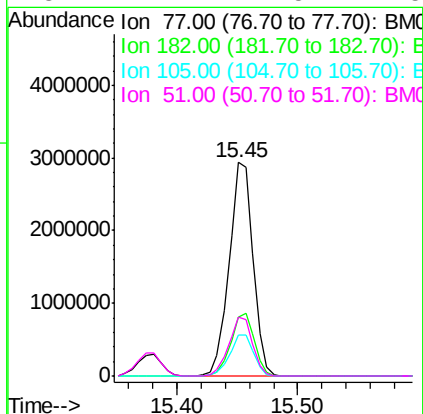
mohammad

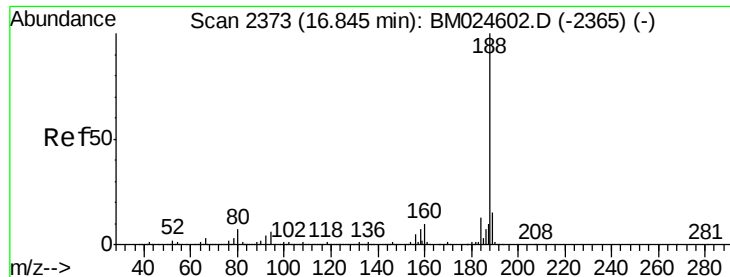
1/24/2020 1:54:58 PM



#63
Azobenzene
Concen: 71.627 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion: 77 Resp: 4032018
Ion Ratio Lower Upper
77 100
182 27.8 8.7 48.7
105 19.3 0.0 39.2
51 27.4 7.5 47.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

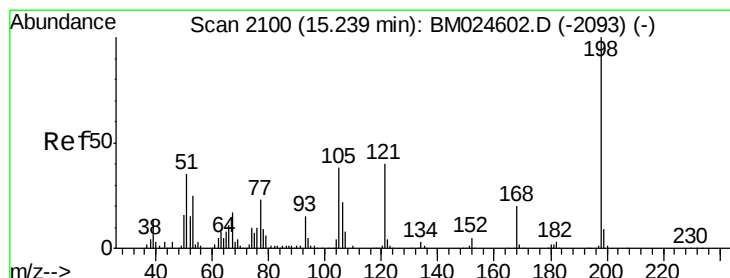
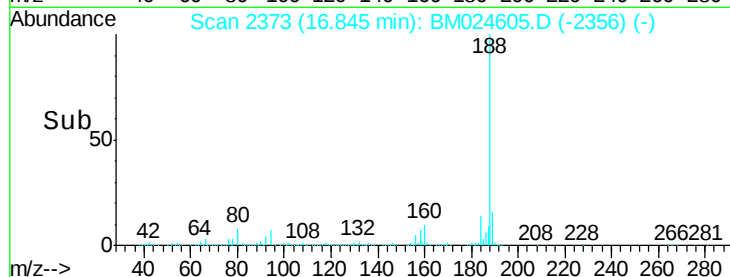
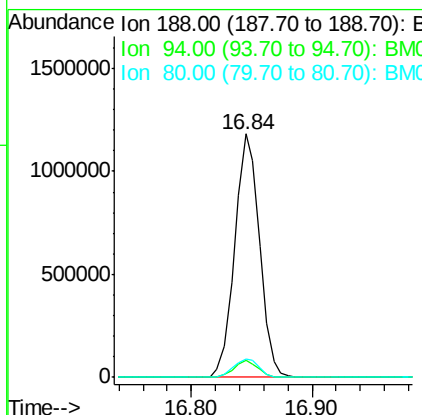
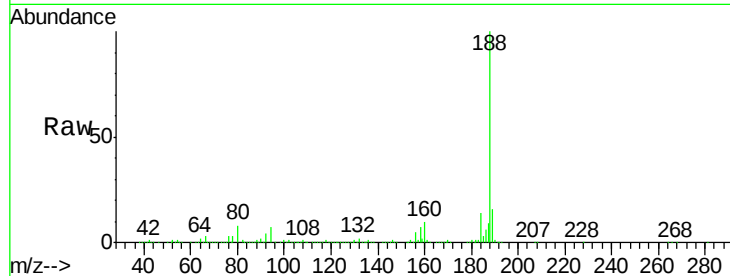
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.0	7.6
80	7.5	5.8	8.8

Manual Integrations
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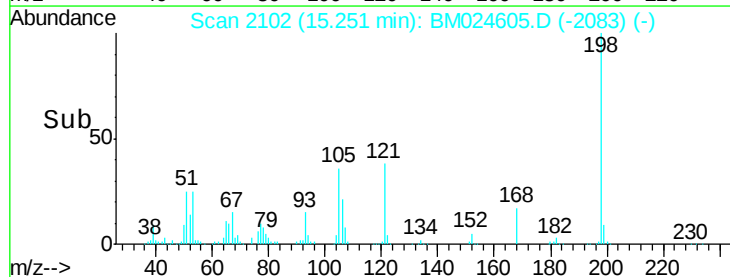
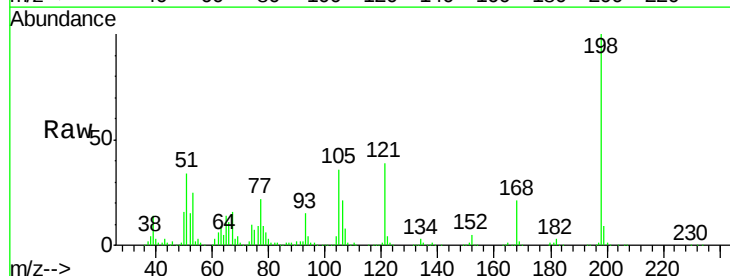
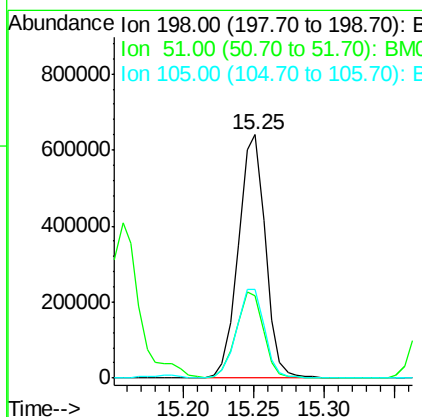
mohammad

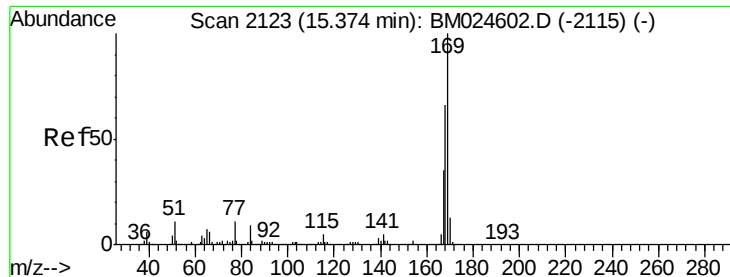
1/24/2020 1:54:58 PM



#65
4,6-Dinitro-2-methylphenol
Concen: 118.021 ng
RT: 15.25 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.0	15.8	55.8
105	36.4	18.5	58.5





#66

n-Nitrosodiphenylamine

Concen: 77.493 ng

RT: 15.38 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:169 Resp: 3880246

Ion Ratio Lower Upper

169 100

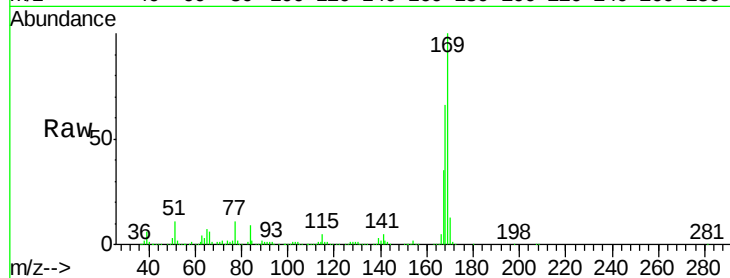
168 66.0 52.8 79.2

167 35.1 28.2 42.2

Manual Integrations
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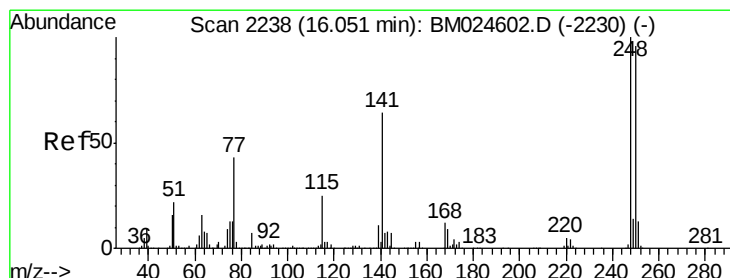
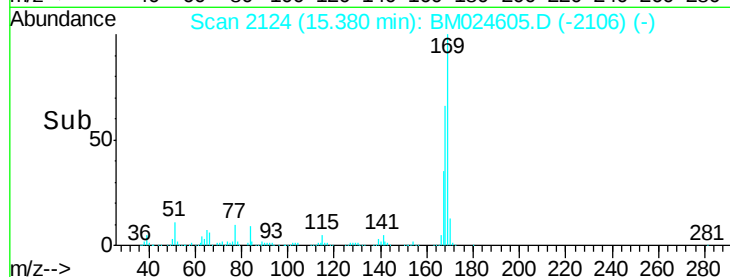
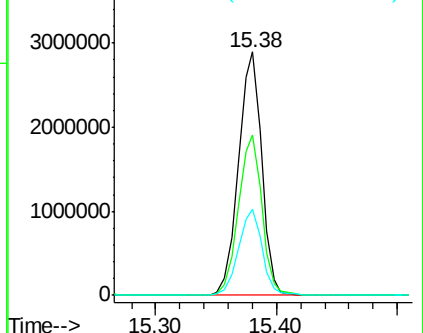
1/24/2020 1:54:58 PM



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: 82.459 ng

RT: 16.05 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

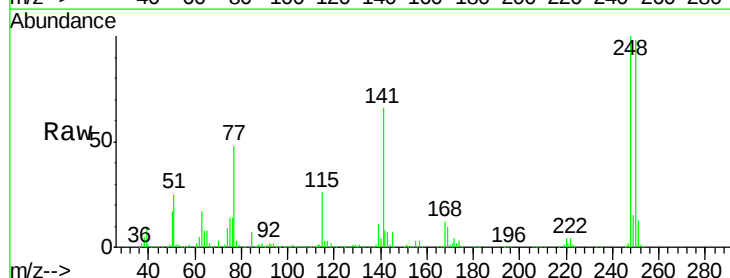
Tgt Ion:248 Resp: 1684784

Ion Ratio Lower Upper

248 100

250 97.9 77.0 115.6

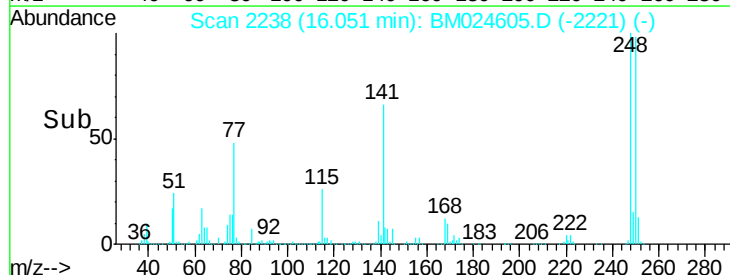
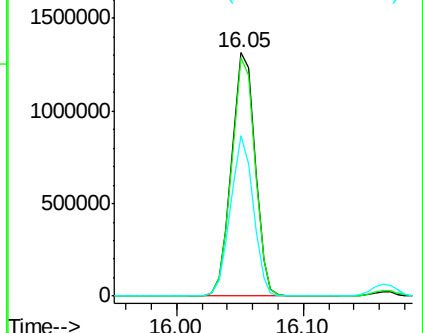
141 65.8 50.9 76.3

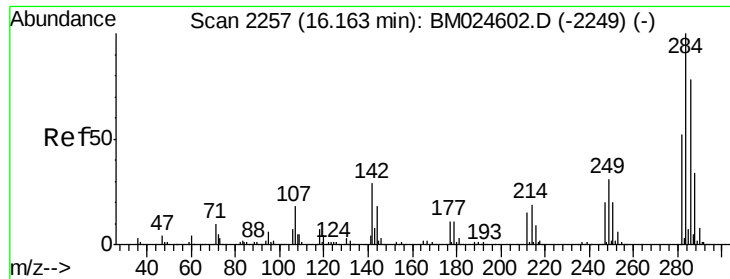


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 80.713 ng

RT: 16.17 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:284 Resp: 1920755

Ion Ratio Lower Upper

284 100

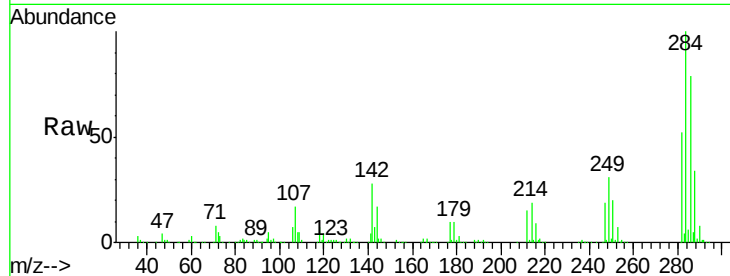
142 27.7 23.5 35.3

249 31.0 24.6 36.8

Manual Integrations
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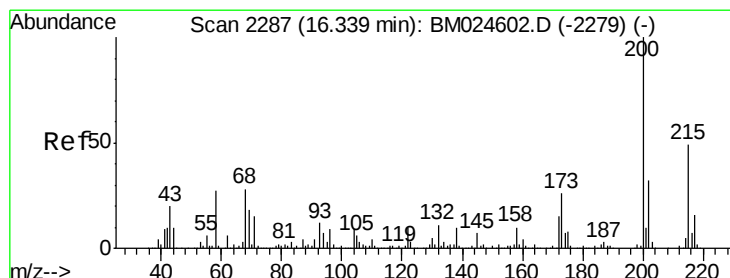
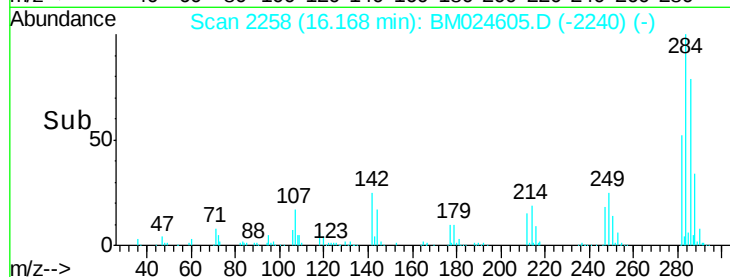
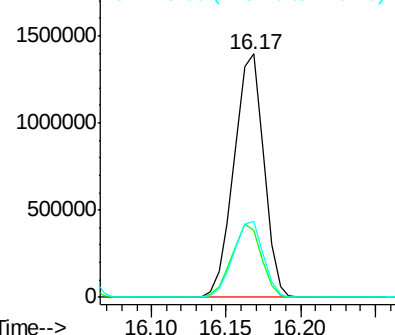
1/24/2020 1:54:58 PM



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: 105.144 ng

RT: 16.34 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

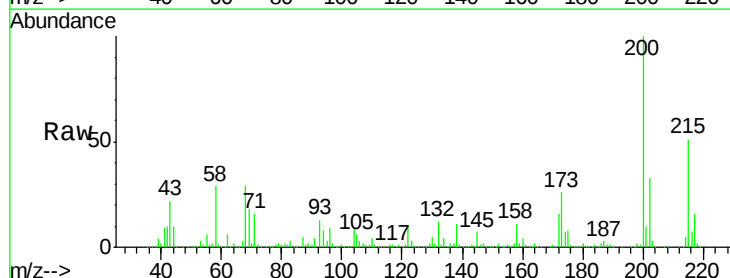
Tgt Ion:200 Resp: 1450953

Ion Ratio Lower Upper

200 100

173 26.1 5.5 45.5

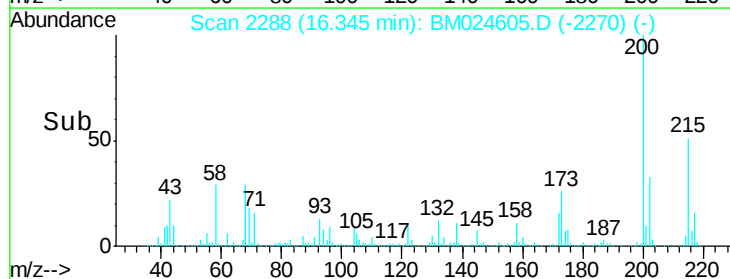
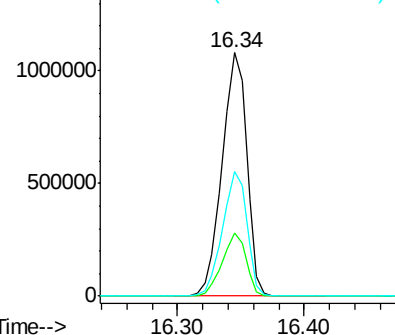
215 51.0 29.4 69.4

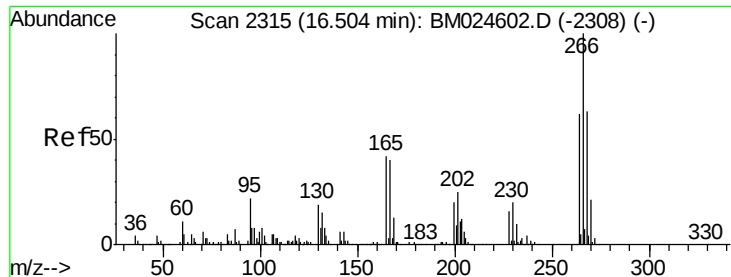


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70
 Pentachlorophenol
 Concen: 99.509 ng
 RT: 16.51 min Scan# 2316
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

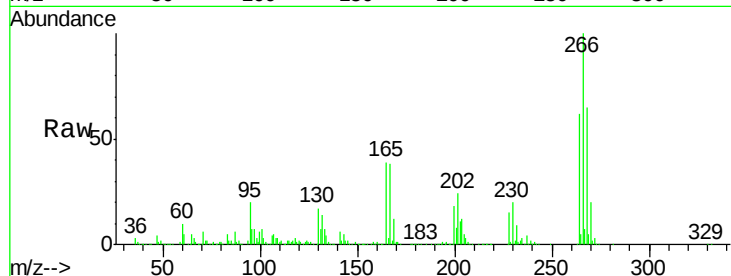
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.4	75.6
264	62.5	49.9	74.9

Manual Integrations
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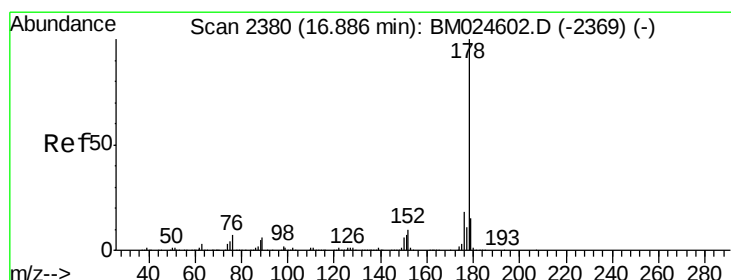
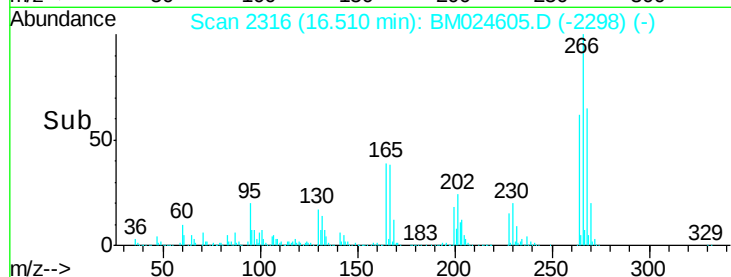
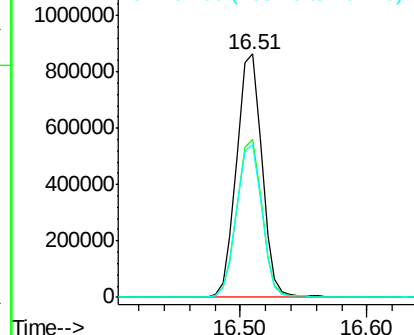


Abundance

Ion 265.70 (265.40 to 266.40): E

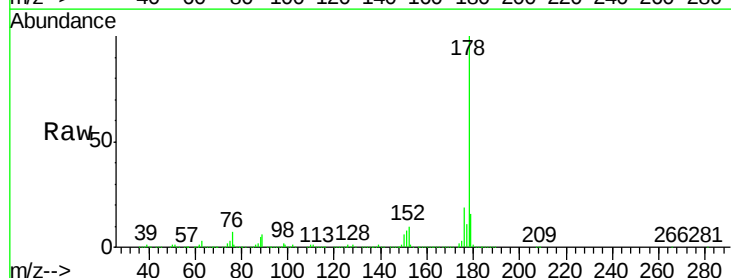
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 75.351 ng
 RT: 16.89 min Scan# 2381
 Delta R.T. 0.01 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.5	21.7
179	15.6	11.9	17.9

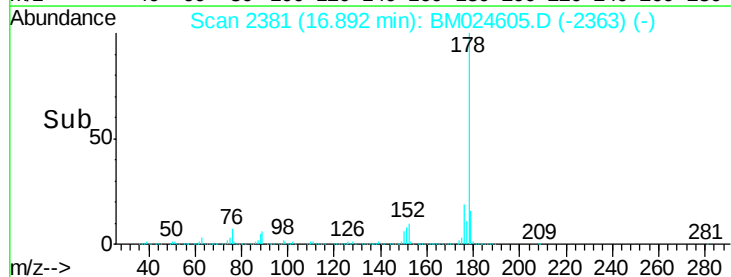
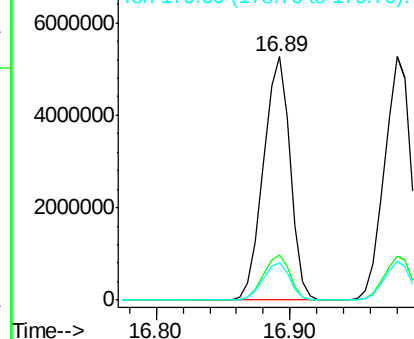


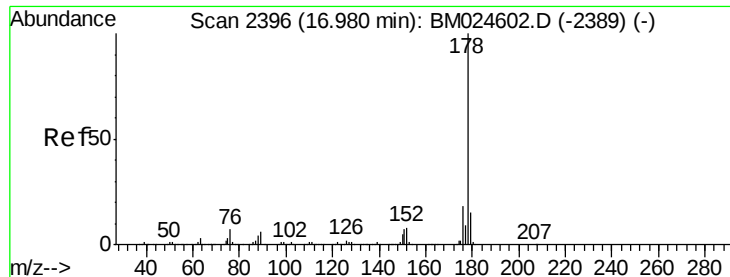
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 75.954 ng

RT: 16.98 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 7189540

Ion Ratio Lower Upper

178 100

176 18.1 14.3 21.5

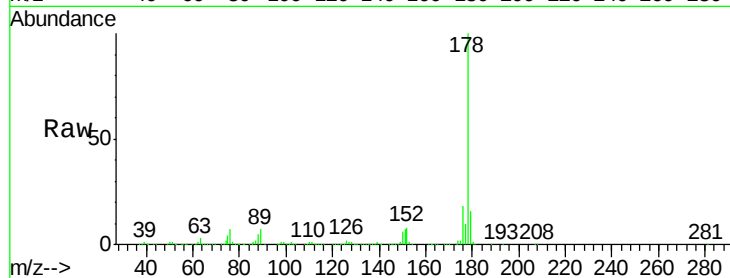
179 15.8 12.1 18.1

Manual Integrations

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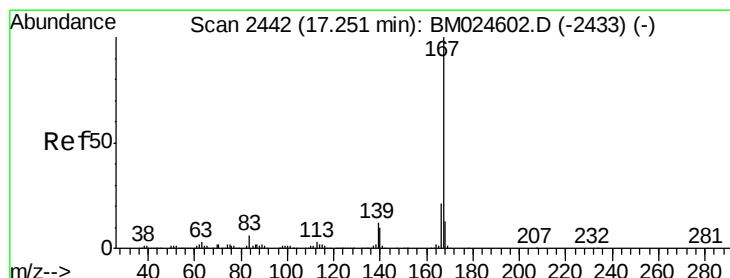
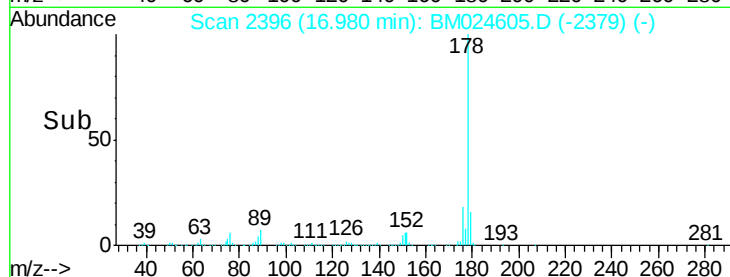
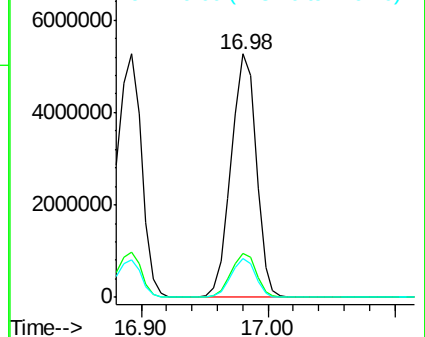
1/24/2020 1:54:58 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 74.206 ng

RT: 17.26 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

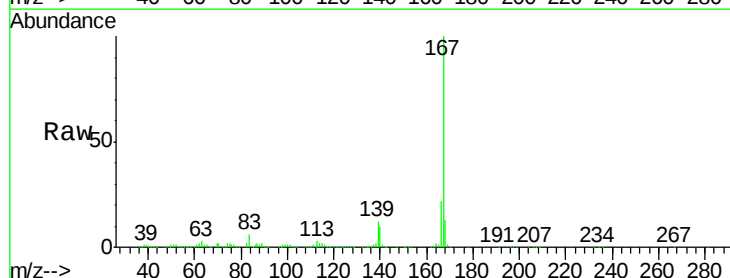
Tgt Ion:167 Resp: 6566165

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

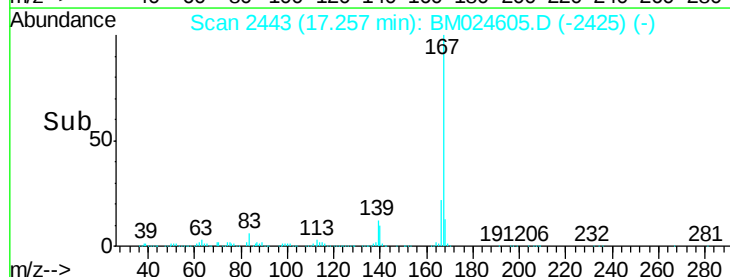
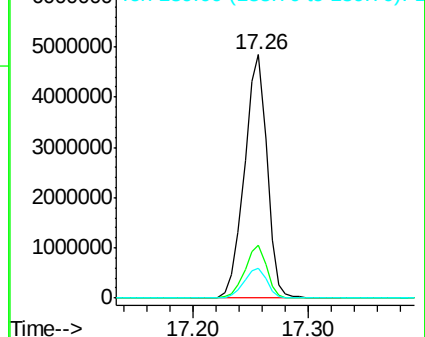
139 12.5 9.8 14.8

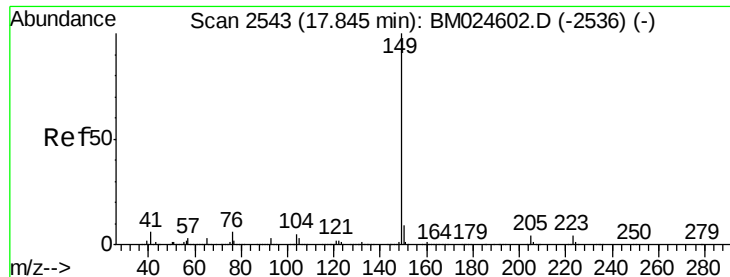


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74
Di-n-butylphthalate
Concen: 81.560 ng
RT: 17.85 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

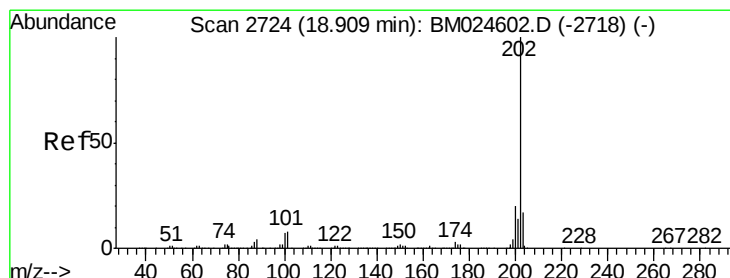
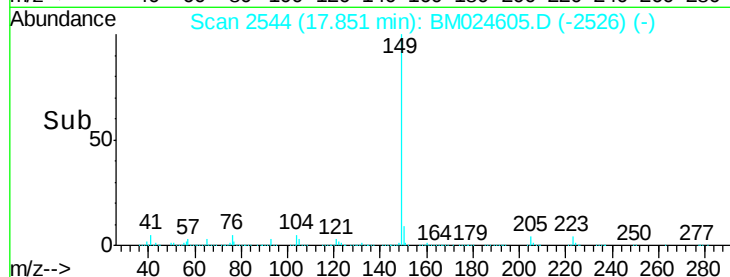
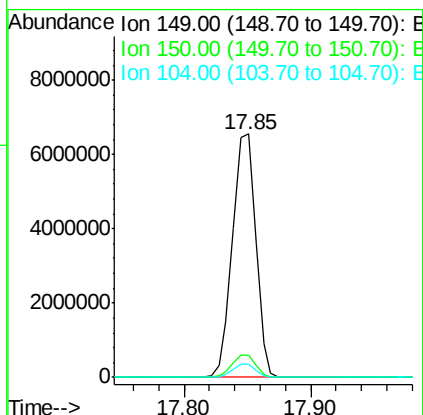
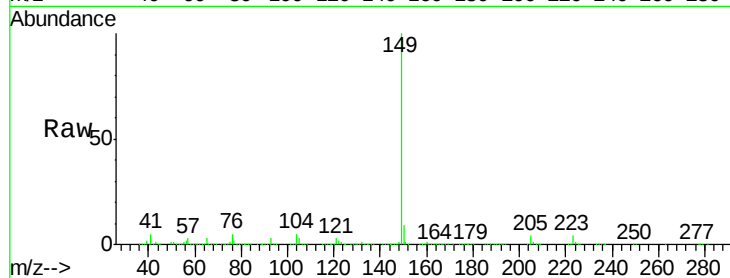
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 8325518
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.3 4.3 6.5

Manual Integrations
APPROVED

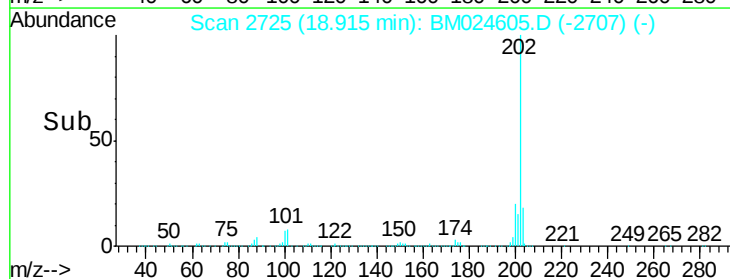
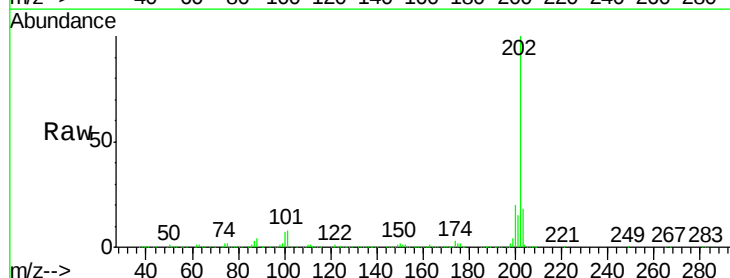
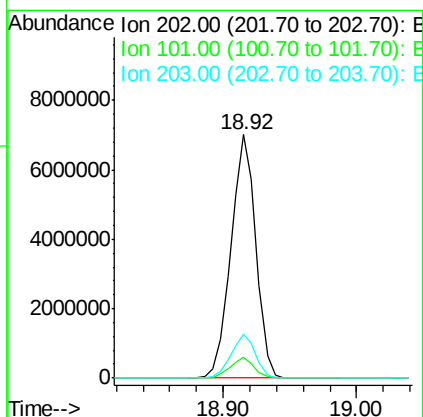
mohammad

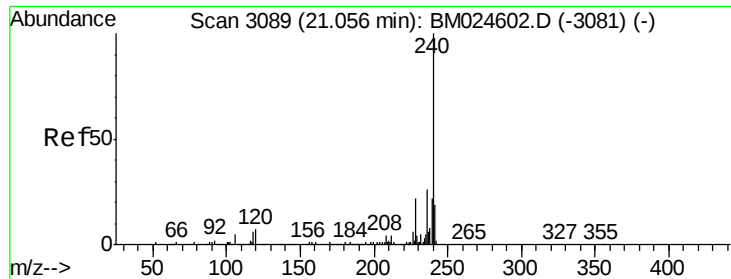
1/24/2020 1:54:58 PM



#75
Fluoranthene
Concen: 79.084 ng
RT: 18.92 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:202 Resp: 9128811
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.4
203 17.9 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

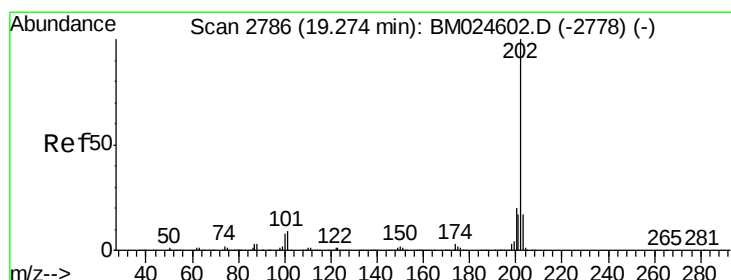
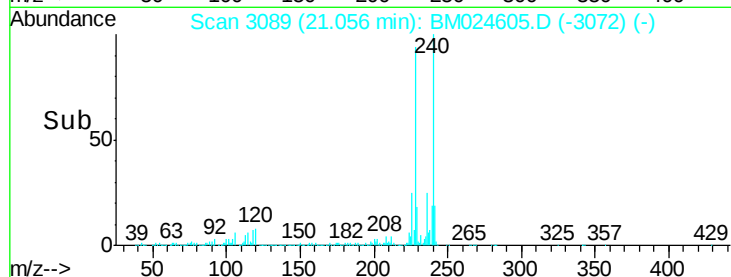
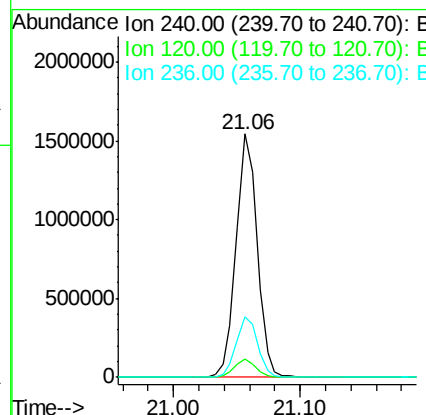
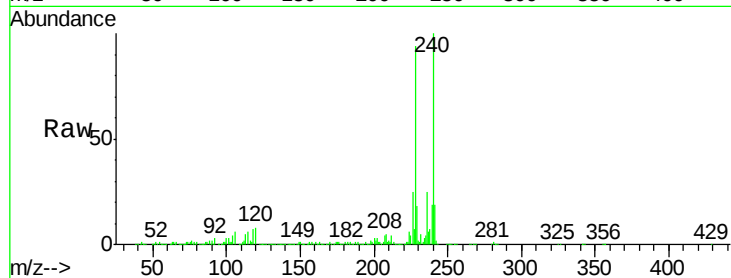
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.3	7.9
236	25.1	20.6	31.0

Manual Integrations
APPROVED

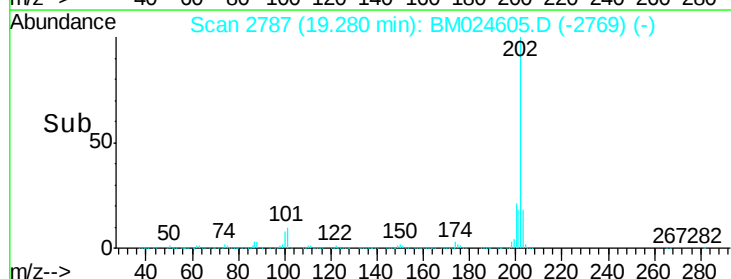
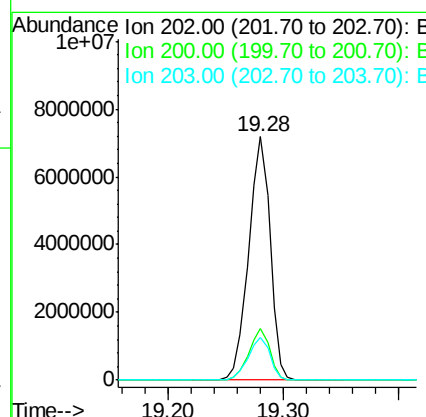
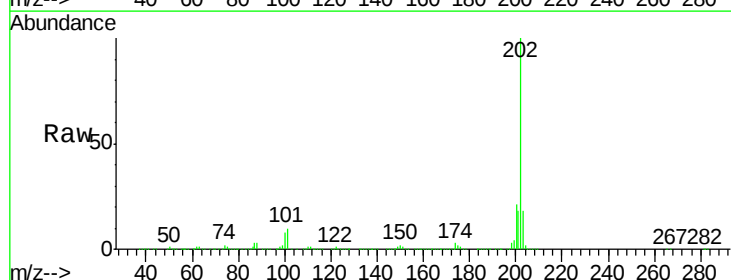
mohammad

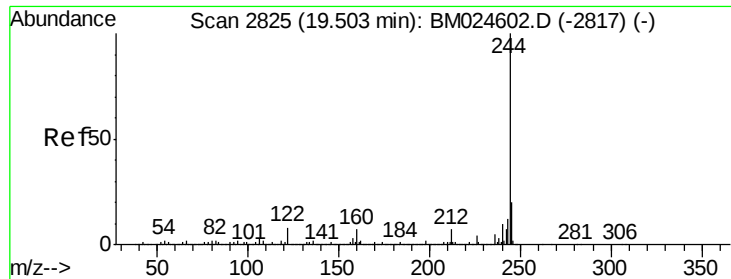
1/24/2020 1:54:58 PM



#78
Pyrene
Concen: 79.685 ng
RT: 19.28 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.2	24.2
203	17.7	14.0	21.0





#79
 Terphenyl-d14
 Concen: 158.956 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

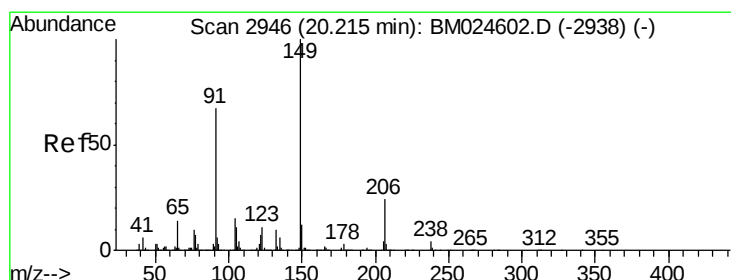
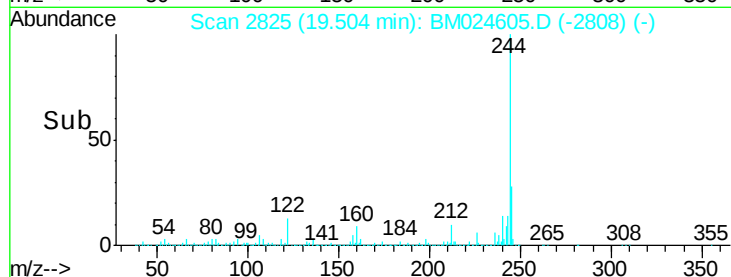
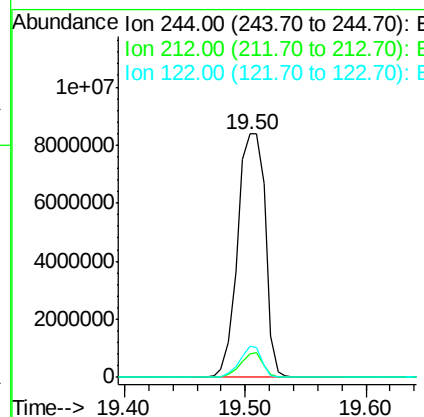
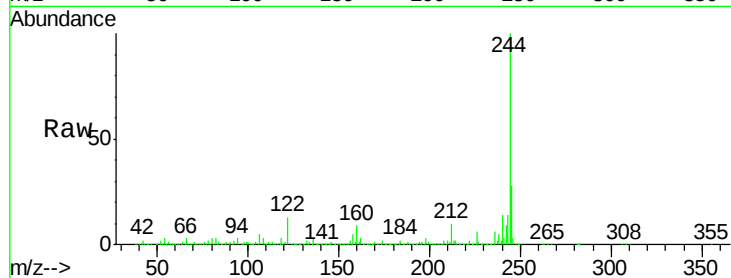
Instrument :
 BNA_M
 ClientSampleID :
 SSTDICC080

Tot Ion:244 Resp:13389735
 Ion Ratio Lower Upper
 244 100
 212 9.7 5.4 8.2#
 122 12.8 6.2 9.4#

Manual Integrations
 APPROVED

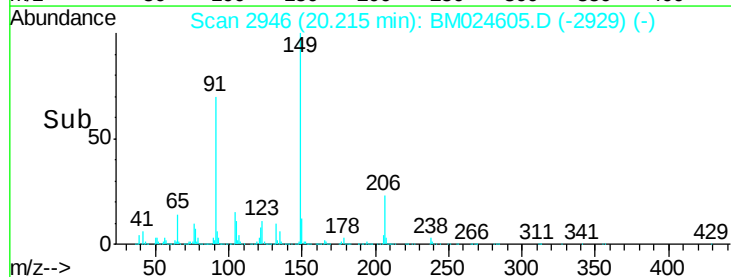
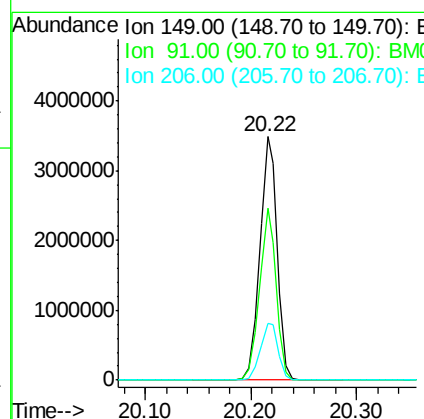
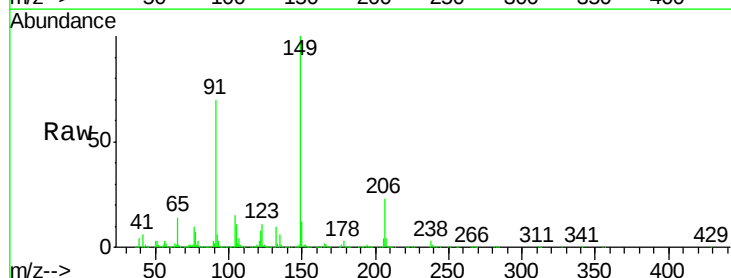
mohammad

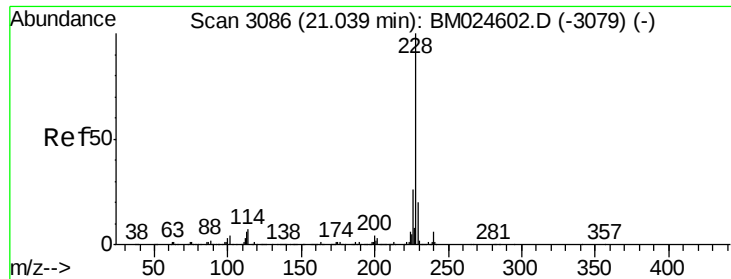
1/24/2020 1:54:58 PM



#80
 Butylbenzylphthalate
 Concen: 103.615 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: BM024605.D
 Acq: 23 Jan 2020 13:33

Tgt Ion:149 Resp: 4019916
 Ion Ratio Lower Upper
 149 100
 91 70.4 53.9 80.9
 206 23.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 79.066 ng

RT: 21.04 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 9624361

Ion Ratio Lower Upper

228 100

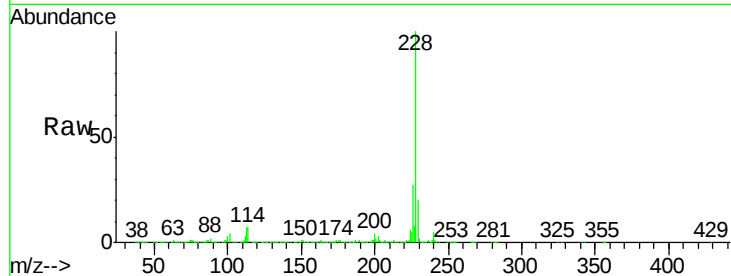
226 27.4 21.1 31.7

229 19.9 15.8 23.6

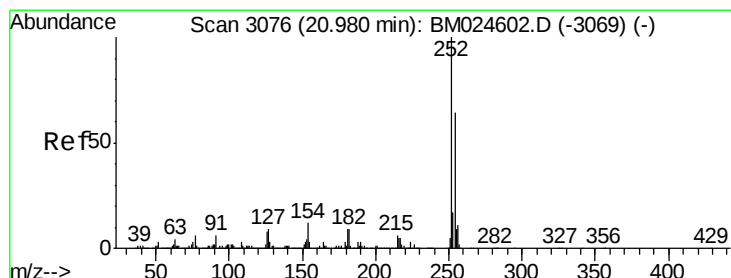
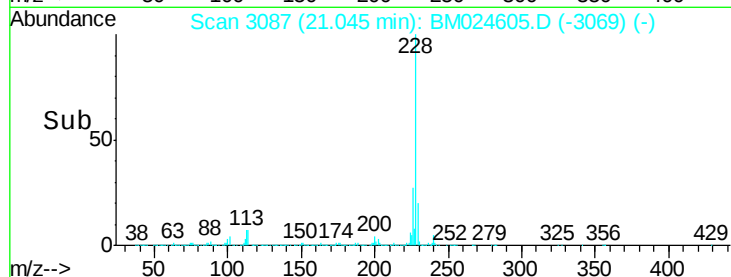
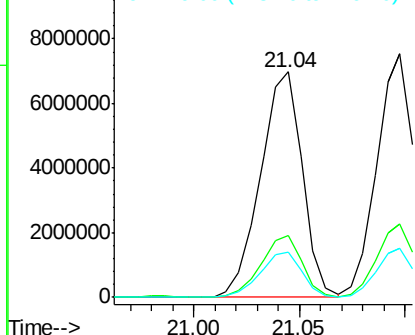
Manual Integrations
APPROVED

mohammad

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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: 92.071 ng

RT: 20.99 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

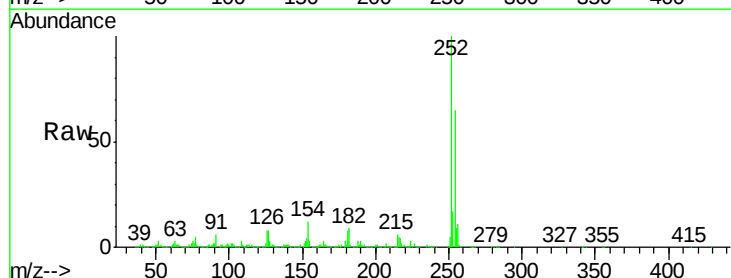
Tgt Ion:252 Resp: 3418739

Ion Ratio Lower Upper

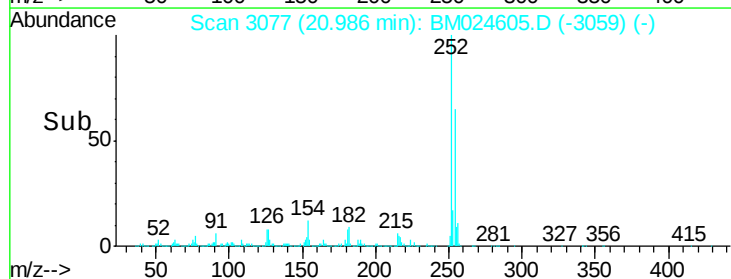
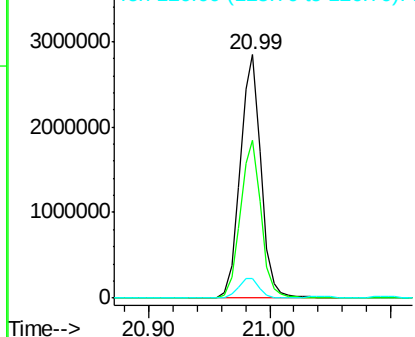
252 100

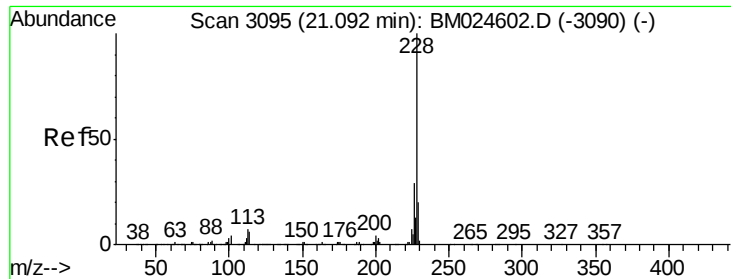
254 65.1 51.5 77.3

126 8.1 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: 79.850 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

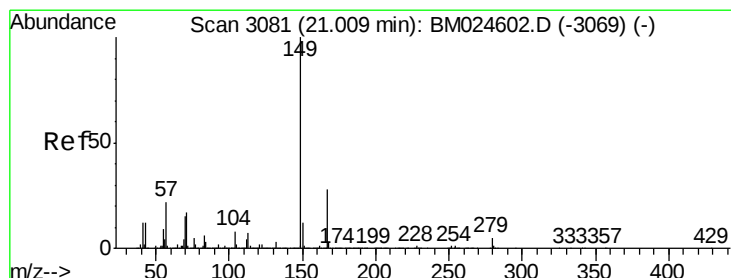
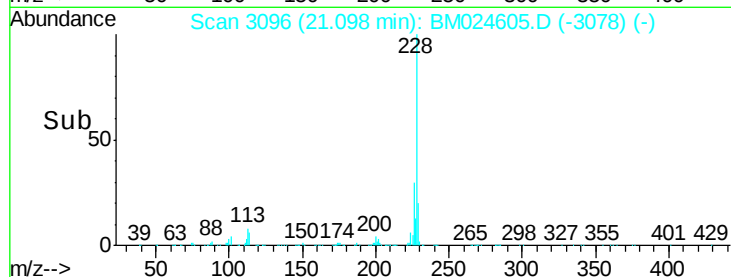
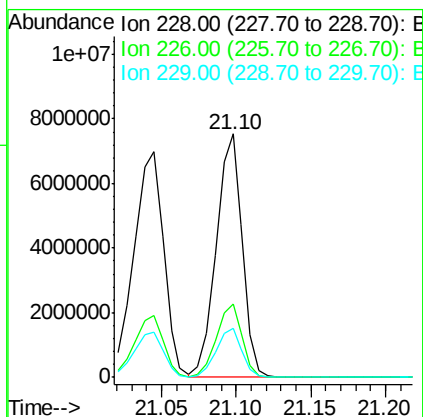
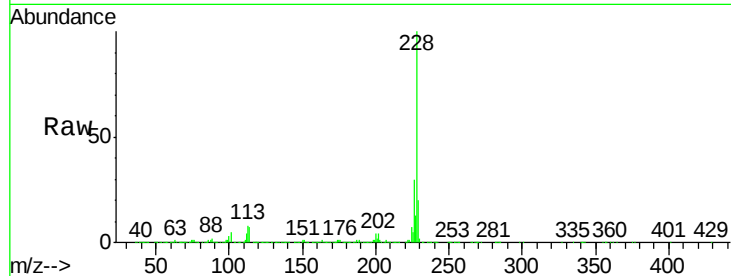
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:228 Resp: 9191083
Ion Ratio Lower Upper
228 100
226 30.4 23.2 34.8
229 20.3 15.7 23.5

Manual Integrations
APPROVED

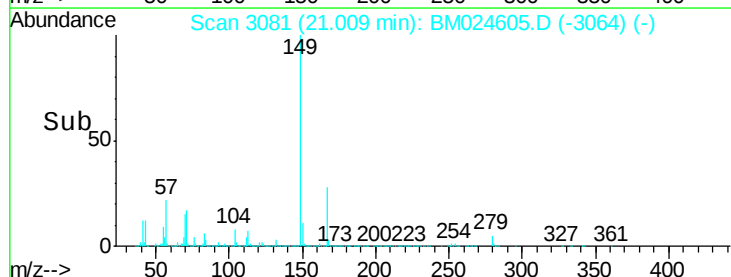
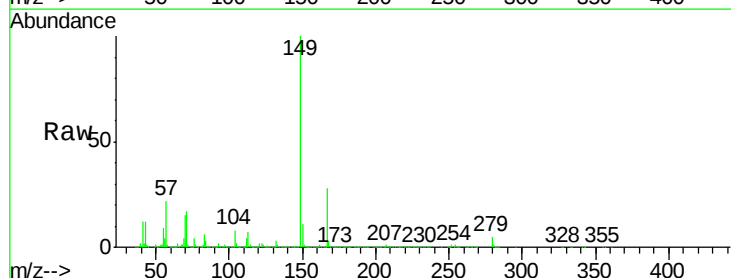
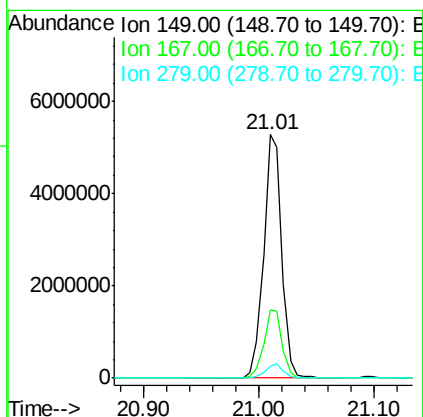
mohammad

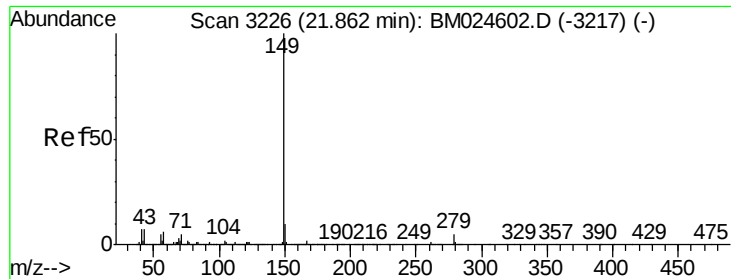
1/24/2020 1:54:58 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 90.377 ng
RT: 21.01 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion:149 Resp: 5811265
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 4.9 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 96.813 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

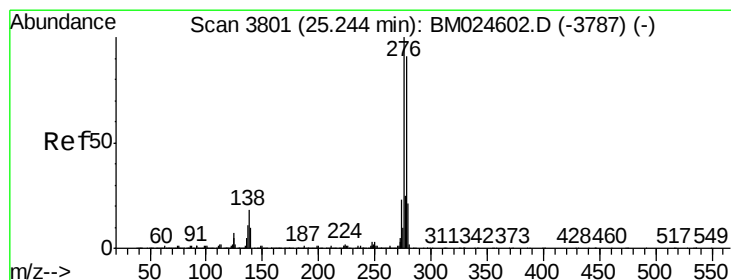
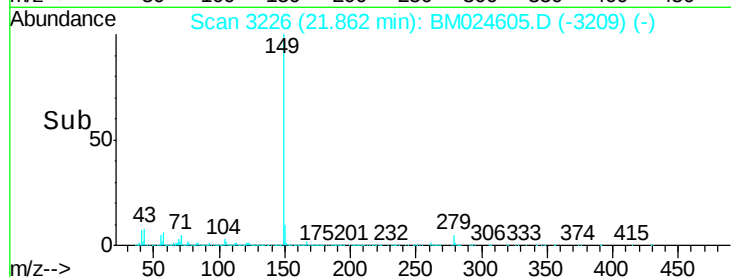
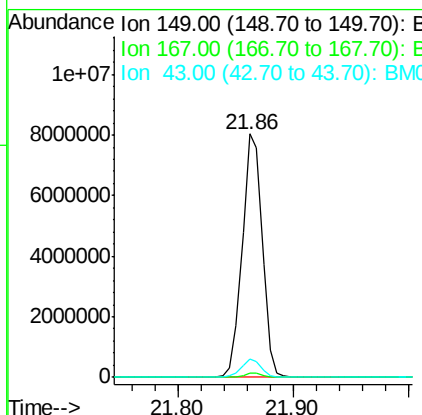
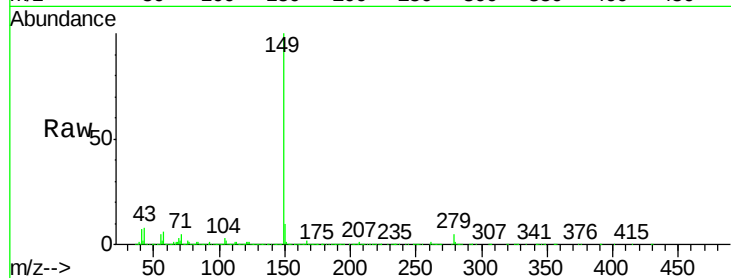
Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.6

Manual Integrations
APPROVED

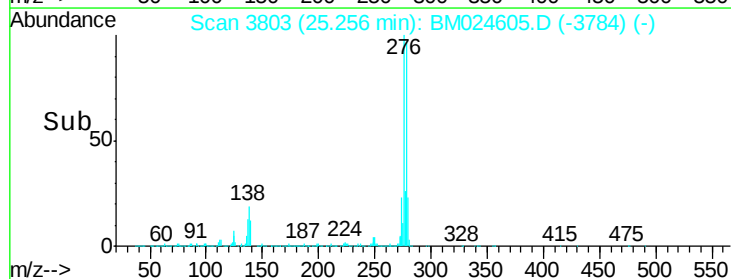
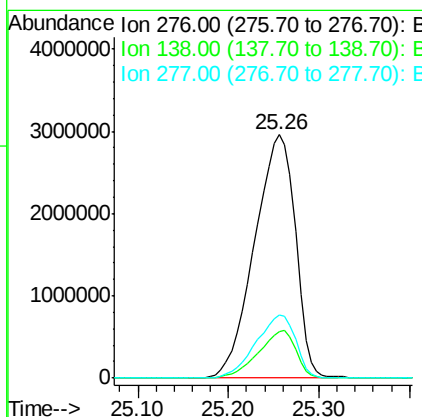
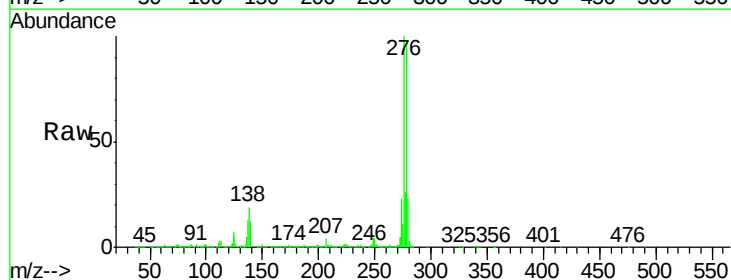
mohammad

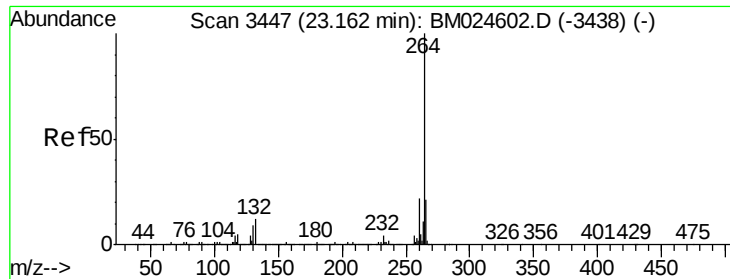
1/24/2020 1:54:58 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 80.832 ng
RT: 25.26 min Scan# 3803
Delta R.T. 0.01 min
Lab File: BM024605.D
Acq: 23 Jan 2020 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.4	20.0
277	25.3	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.17 min Scan# 3448

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:264 Resp: 1834108

Ion Ratio Lower Upper

264 100

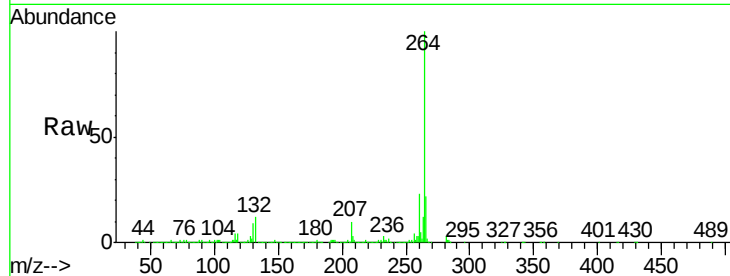
260 23.5 17.9 26.9

265 21.6 17.3 25.9

Manual Integrations
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mohammad

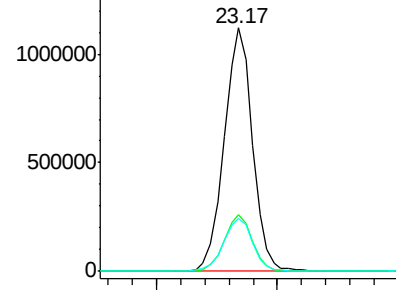
1/24/2020 1:54:58 PM



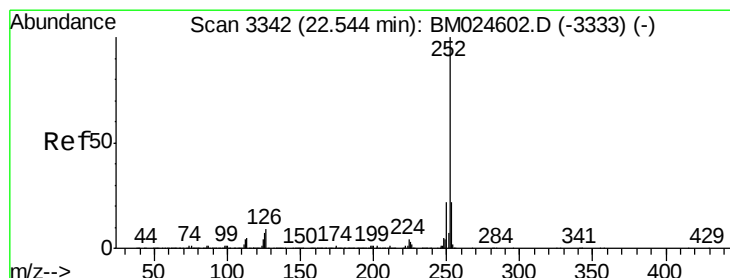
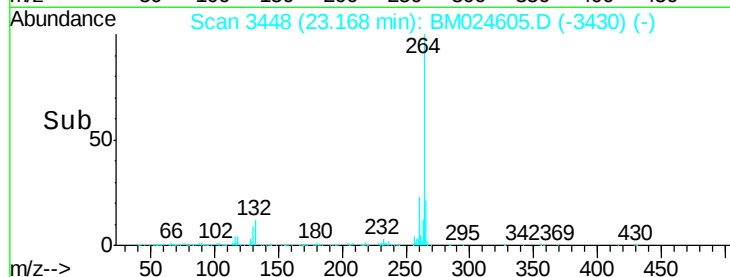
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 79.011 ng

RT: 22.55 min Scan# 3343

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

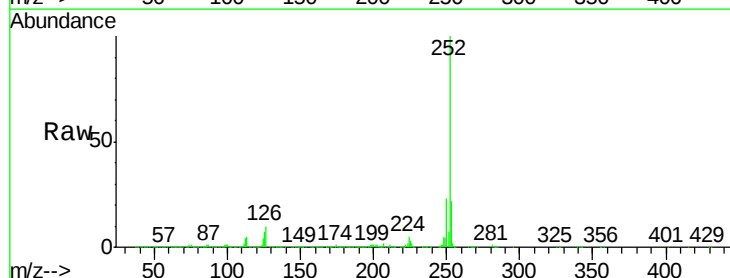
Tgt Ion:252 Resp: 9805137

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

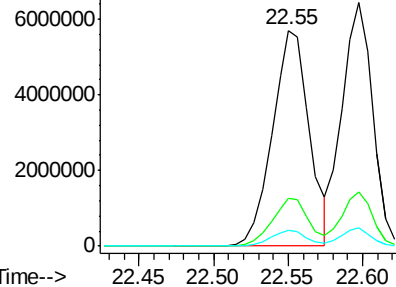
125 7.4 5.7 8.5



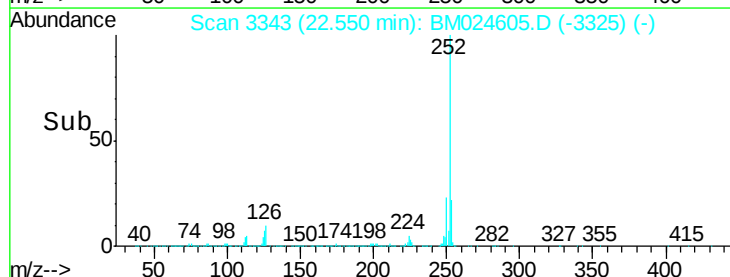
Abundance Ion 252.00 (251.70 to 252.70): E

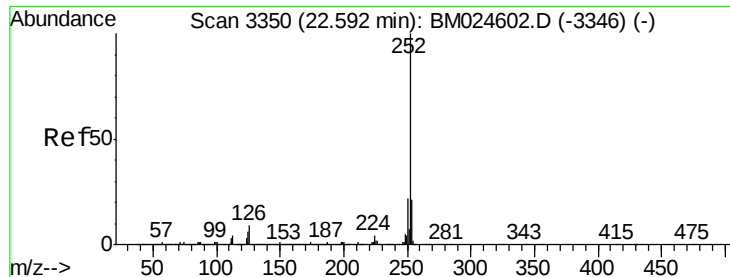
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 77.254 ng

RT: 22.60 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:252 Resp: 9211285

Ion Ratio Lower Upper

252 100

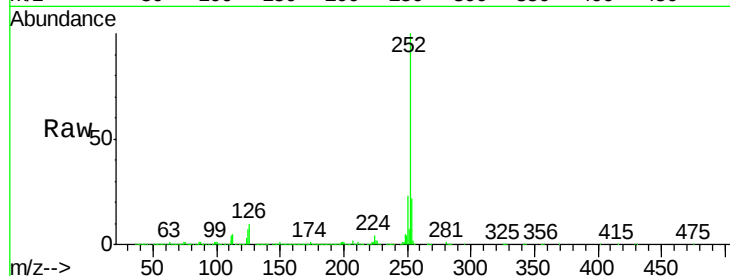
253 22.4 17.3 25.9

125 7.3 5.2 7.8

Manual Integrations
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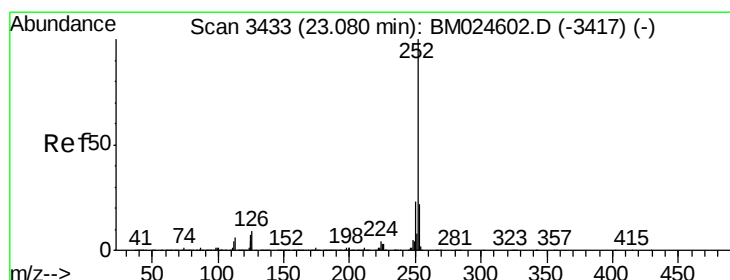
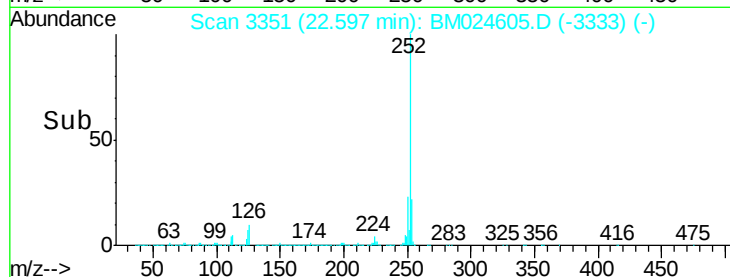
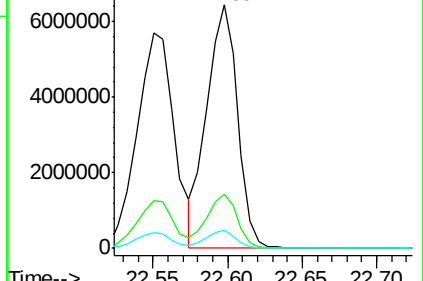
1/24/2020 1:54:58 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 78.885 ng

RT: 23.09 min Scan# 3434

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Tgt Ion:252 Resp: 8720025

Ion Ratio Lower Upper

252 100

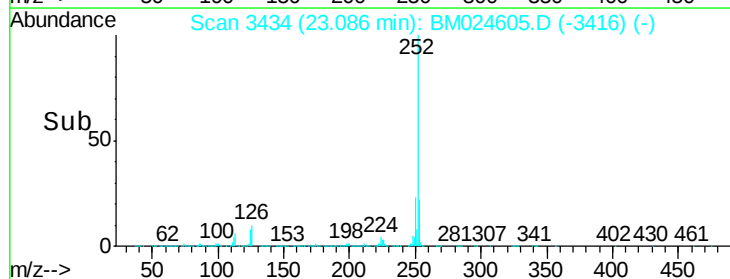
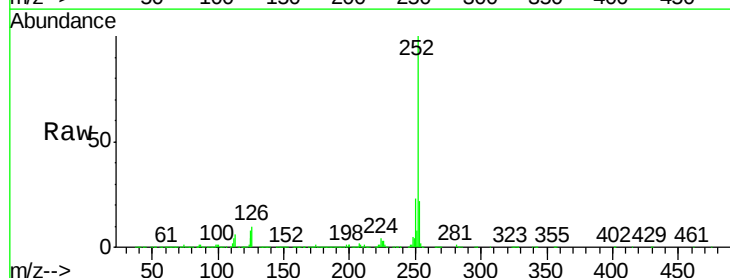
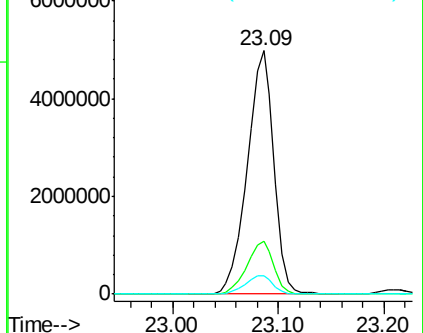
253 21.9 17.3 25.9

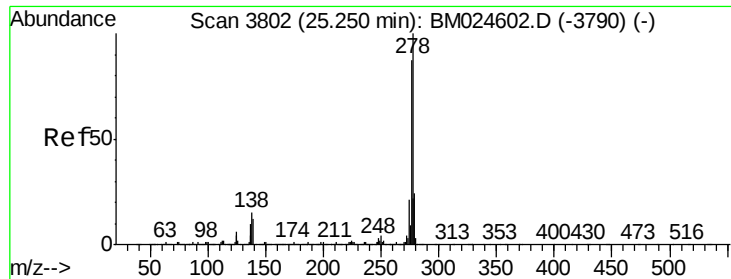
125 7.7 5.8 8.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 79.383 ng

RT: 25.27 min Scan# 3805

Delta R.T. 0.02 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:278 Resp: 7823147

Ion Ratio Lower Upper

278 100

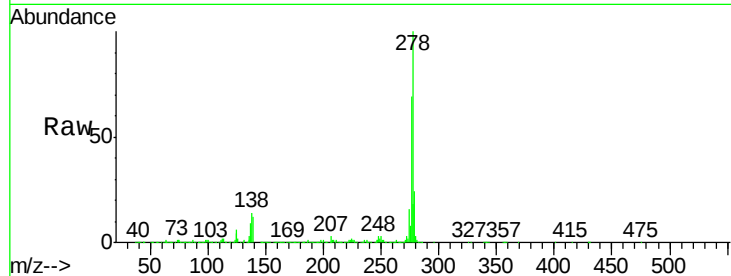
139 11.5 9.3 13.9

279 23.7 18.9 28.3

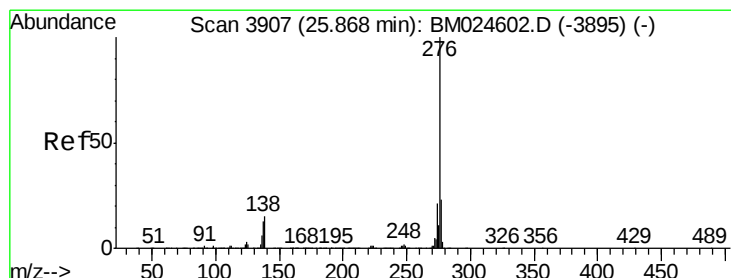
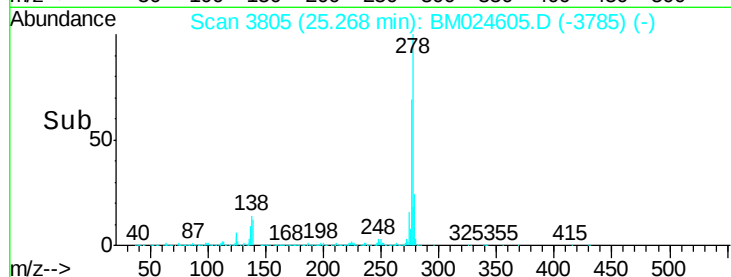
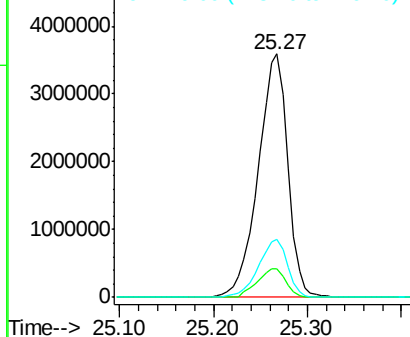
Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 78.147 ng

RT: 25.88 min Scan# 3909

Delta R.T. 0.01 min

Lab File: BM024605.D

Acq: 23 Jan 2020 13:33

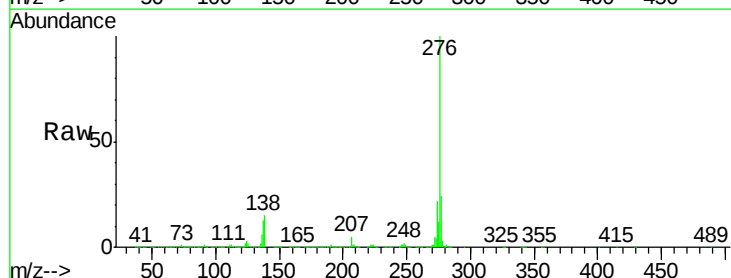
Tgt Ion:276 Resp: 6958769

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 15.3 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

