

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020740.D
 Acq On : 05 Jun 2019 17:21
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:21:49 AM

Quant Time: Jun 06 03:22:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	258585	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1109369	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	604752	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1276956	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1162894	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1301358	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1157081	78.71	ng	-0.01
7) Phenol-d6	6.98	99	1633522	75.47	ng	-0.01
23) Nitrobenzene-d5	8.98	82	1706712	79.71	ng	-0.02
42) 2,4,6-Tribromophenol	15.94	330	626276	83.58	ng	-0.02
45) 2-Fluorobiphenyl	13.08	172	3765675	82.78	ng	-0.01
79) Terphenyl-d14	19.83	244	5159896	74.22	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	243775	40.504	ng	96
3) Pyridine	3.74	79	764019	39.899	ng	97
4) n-Nitrosodimethylamine	3.66	42	298202	36.125	ng	97
6) Aniline	7.16	93	1148162	36.660	ng	99
8) 2-Chlorophenol	7.39	128	704390	38.517	ng	97
9) Benzaldehyde	6.97	77	472270	36.645	ng	98
10) Phenol	7.01	94	872386	37.399	ng	96
11) bis(2-Chloroethyl)ether	7.25	93	691479	37.197	ng	97
12) 1,3-Dichlorobenzene	7.71	146	825595	39.281	ng	98
13) 1,4-Dichlorobenzene	7.86	146	839521	39.291	ng	98
14) 1,2-Dichlorobenzene	8.17	146	817020	39.292	ng	99
15) Benzyl Alcohol	8.06	79	669552	34.966	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	963403	33.567	ng	98
17) 2-Methylphenol	8.26	107	600322	36.599	ng	98
18) Hexachloroethane	8.89	117	310615	37.970	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	592002	34.024	ng	95
20) 3+4-Methylphenols	8.59	107	797960	35.756	ng	99
22) Acetophenone	8.65	105	1099598	39.018	ng	# 97
24) Nitrobenzene	9.02	77	856410	39.180	ng	100
25) Isophorone	9.55	82	1525872	35.826	ng	100
26) 2-Nitrophenol	9.73	139	353525	43.396	ng	97
27) 2,4-Dimethylphenol	9.79	122	578069	37.869	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	964700	37.461	ng	100
29) 2,4-Dichlorophenol	10.26	162	675454	39.993	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	799519	41.170	ng	99
31) Naphthalene	10.66	128	2258905	39.597	ng	100
32) Benzoic acid	9.92	122	374894m	39.979	ng	
33) 4-Chloroaniline	10.77	127	1001173	37.710	ng	98
34) Hexachlorobutadiene	10.94	225	483613	41.504	ng	99
35) Caprolactam	11.56	113	203577	34.697	ng	95
36) 4-Chloro-3-methylphenol	11.89	107	708999	36.107	ng	99
37) 2-Methylnaphthalene	12.27	142	1604607	37.947	ng	99
38) 1-Methylnaphthalene	12.49	142	1523152	37.830	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	841271	42.449	ng	99

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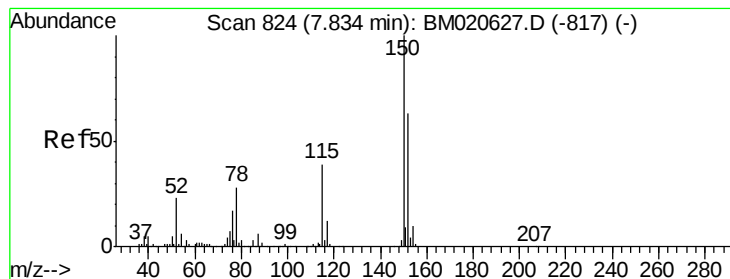
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	423117	35.698	ng	99
43) 2,4,6-Trichlorophenol	12.88	196	540658	42.382	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	555610	42.188	ng	96
46) 1,1'-Biphenyl	13.29	154	2058016	40.747	ng	98
47) 2-Chloronaphthalene	13.33	162	1668337	40.927	ng	99
48) 2-Nitroaniline	13.54	65	498298	38.947	ng	91
49) Acenaphthylene	14.18	152	2534005	39.841	ng	99
50) Dimethylphthalate	13.92	163	1997785	38.667	ng	100
51) 2,6-Dinitrotoluene	14.04	165	421301	40.158	ng	90
52) Acenaphthene	14.52	154	1503198	39.658	ng	99
53) 3-Nitroaniline	14.37	138	457087	39.035	ng	95
54) 2,4-Dinitrophenol	14.57	184	147048	36.884	ng	88
55) Dibenzofuran	14.86	168	2327792	39.542	ng	99
56) 4-Nitrophenol	14.67	139	338958	39.281	ng	90
57) 2,4-Dinitrotoluene	14.82	165	563580	40.121	ng	96
58) Fluorene	15.50	166	1880853	38.851	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	470081	40.962	ng	97
60) Diethylphthalate	15.29	149	1945959	36.519	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	991074	38.664	ng	95
62) 4-Nitroaniline	15.53	138	483356	38.921	ng	95
63) Azobenzene	15.80	77	1798856	35.212	ng	95
65) 4,6-Dinitro-2-methylphenol	15.58	198	212532	38.673	ng	98
66) n-Nitrosodiphenylamine	15.72	169	1605534	39.276	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	598057	39.778	ng	94
68) Hexachlorobenzene	16.50	284	713799	40.658	ng	95
69) Atrazine	16.67	200	487827	39.985	ng	98
70) Pentachlorophenol	16.84	266	358220	42.770	ng	99
71) Phenanthrene	17.24	178	2856317	39.462	ng	100
72) Anthracene	17.33	178	2827430	39.028	ng	99
73) Carbazole	17.61	167	2547963	38.757	ng	100
74) Di-n-butylphthalate	18.17	149	3045891	35.691	ng	99
75) Fluoranthene	19.26	202	3167263	39.348	ng	99
77) Benzidine	19.45	184	1358232	38.546	ng	99
78) Pyrene	19.62	202	3288947	36.856	ng	100
80) Butylbenzylphthalate	20.52	149	1289694	34.198	ng	95
81) Benzo(a)anthracene	21.36	228	3192273	39.419	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1209144	40.774	ng	98
83) Chrysene	21.42	228	3048888	39.607	ng	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	1815846	33.130	ng	99
85) Di-n-octyl phthalate	22.19	149	2985109	34.304	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	3849962	48.887	ng	98
88) Benzo(b)fluoranthene	22.97	252	3259330	37.894	ng	99
89) Benzo(k)fluoranthene	23.02	252	3233402	38.468	ng	100
90) Benzo(a)pyrene	23.57	252	3065912	39.298	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3188081	42.120	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3028310	43.074	ng	98

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



#1

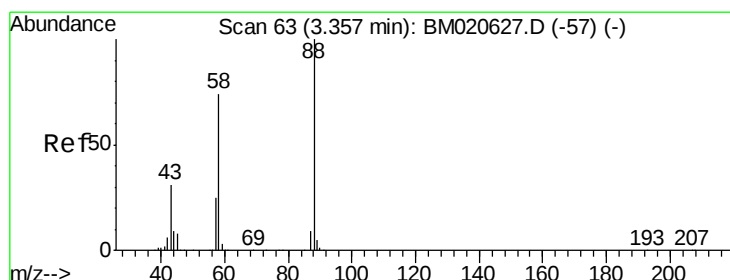
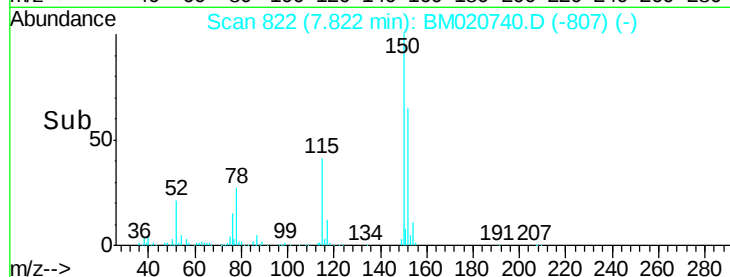
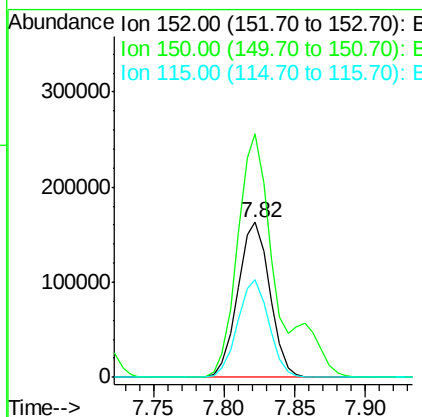
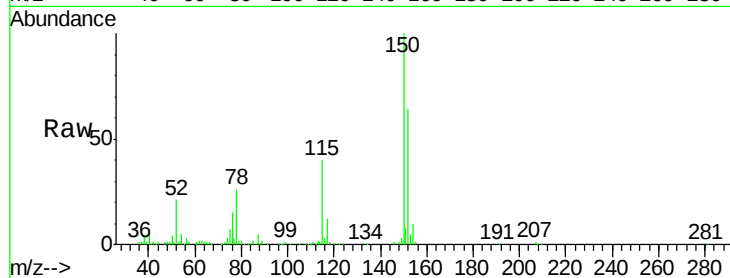
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.0	189.0
115	62.9	49.6	74.4

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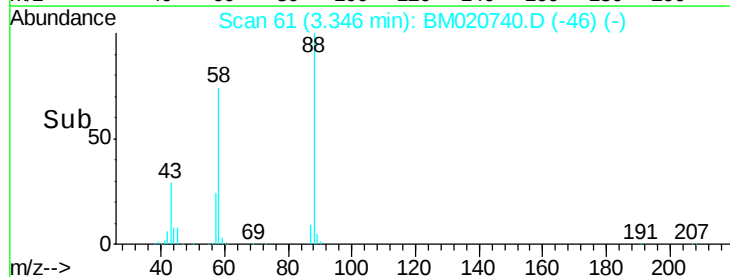
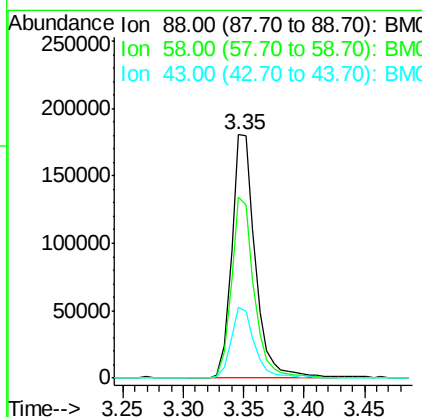
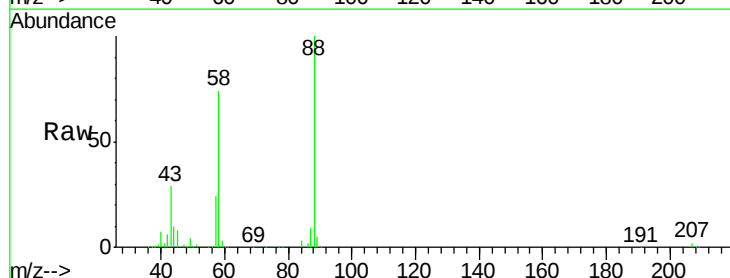
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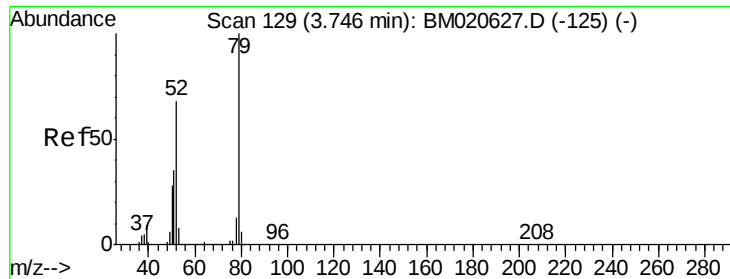


#2

1,4-Dioxane
Concen: 40.504 ng
RT: 3.35 min Scan# 61
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	60.2	90.4
43	28.2	25.3	37.9





#3

Pvridine

Concen: 39.899 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

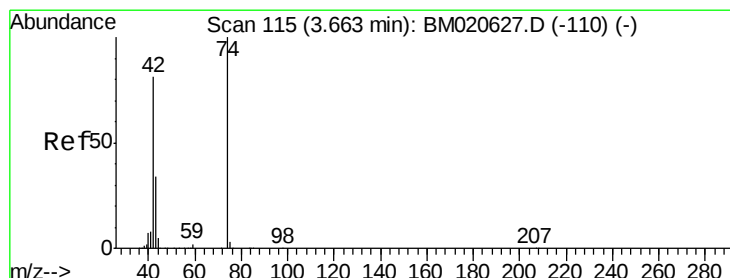
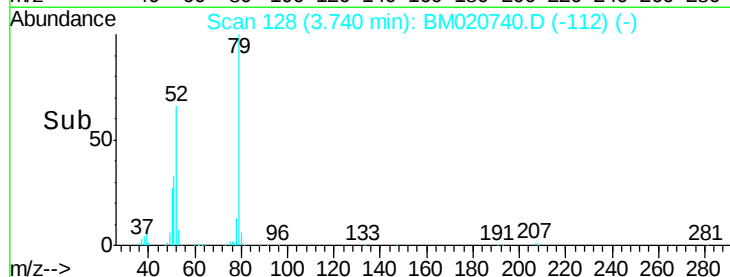
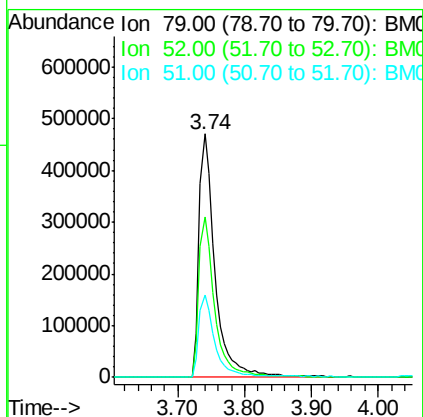
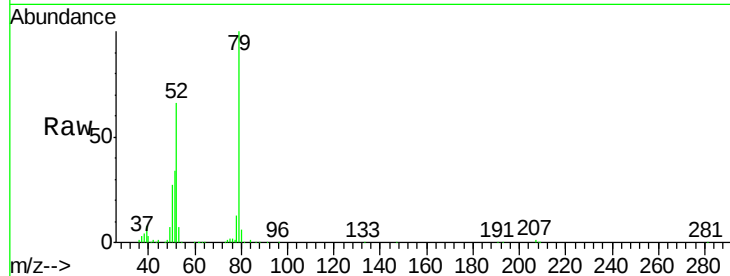
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	764019
Ion	Ratio	Lower	Upper
79	100		
52	65.7	54.1	81.1
51	33.7	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 36.125 ng

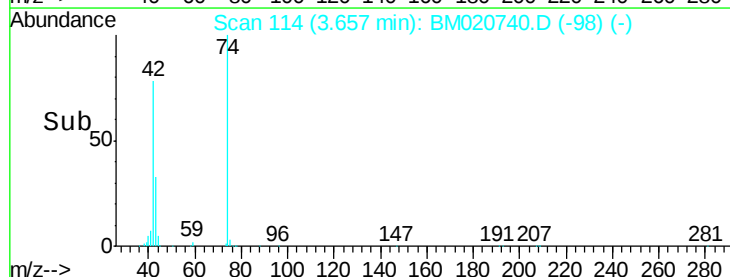
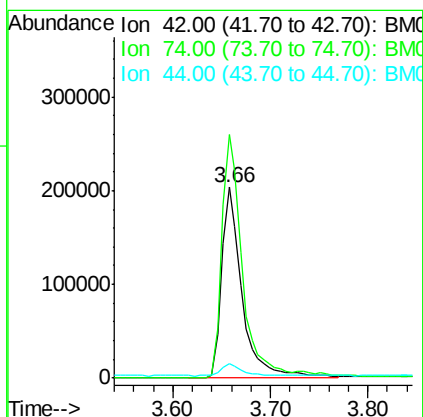
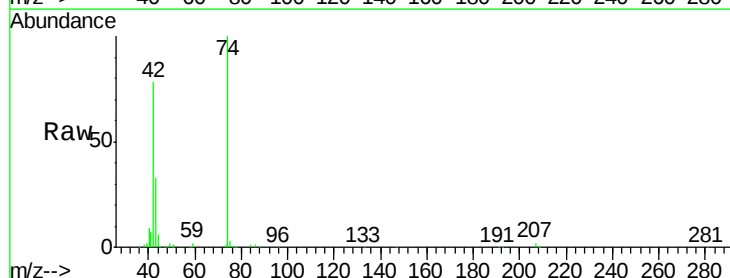
RT: 3.66 min Scan# 114

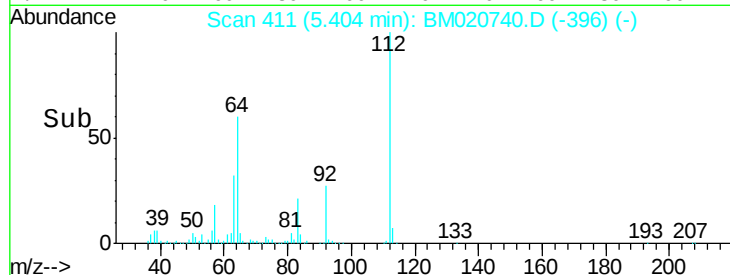
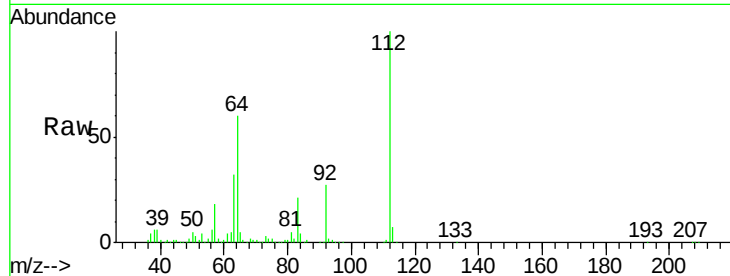
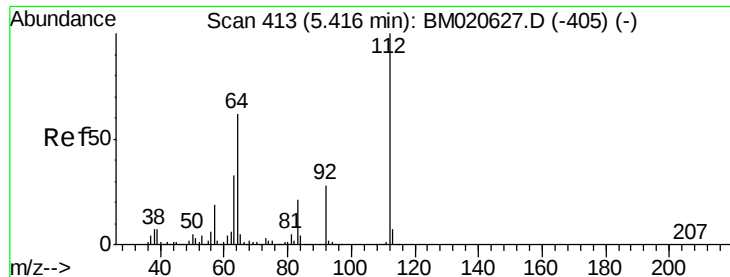
Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Tgt Ion:	42	Resp:	298202
Ion	Ratio	Lower	Upper
42	100		
74	127.6	99.4	149.0
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 78.712 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Tot Ion:	112	Resp:	1157081
Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.7	74.5
63	32.0	26.4	39.6

Instrument :

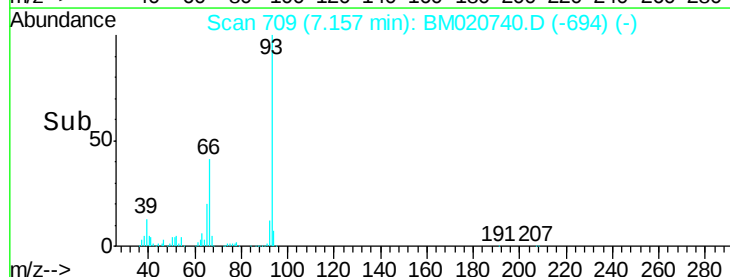
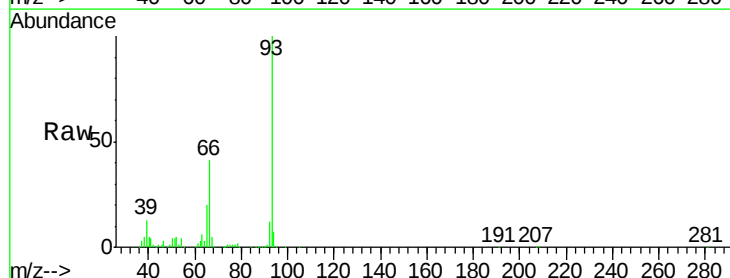
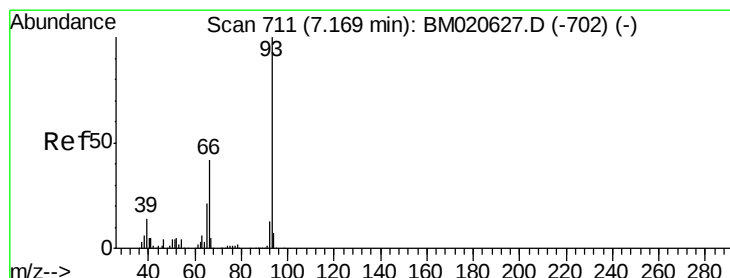
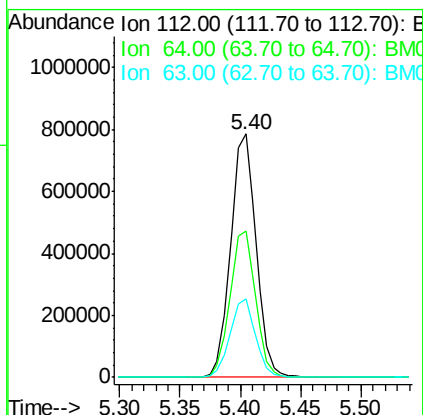
BNA_M

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 36.660 ng

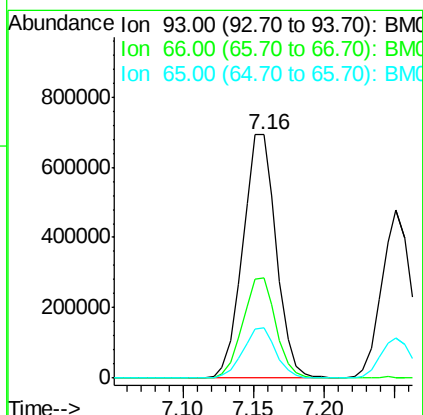
RT: 7.16 min Scan# 709

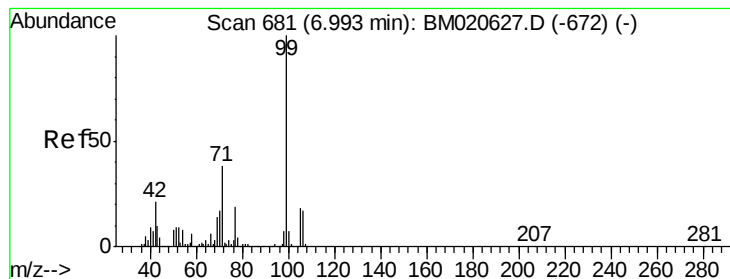
Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Tgt Ion:	93	Resp:	1148162
Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.6	50.4
65	20.5	16.7	25.1





#7

Phenol-d6

Concen: 75.467 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1633522

Ion Ratio Lower Upper

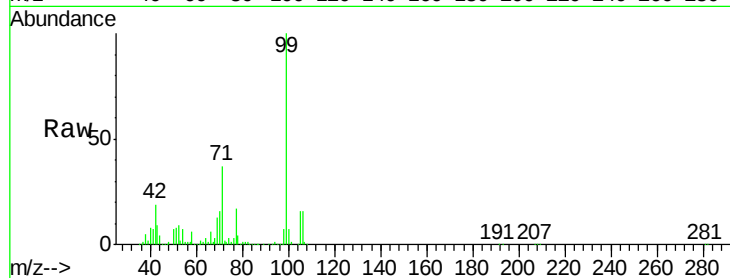
99 100

42 18.7 16.5 24.7

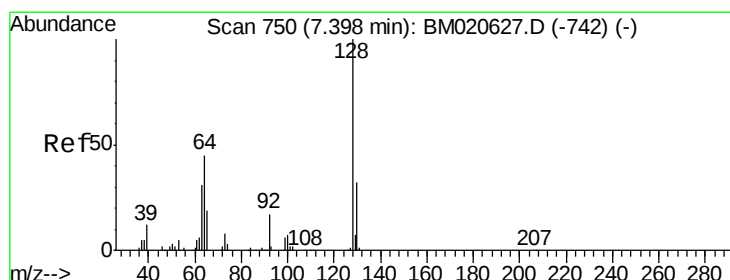
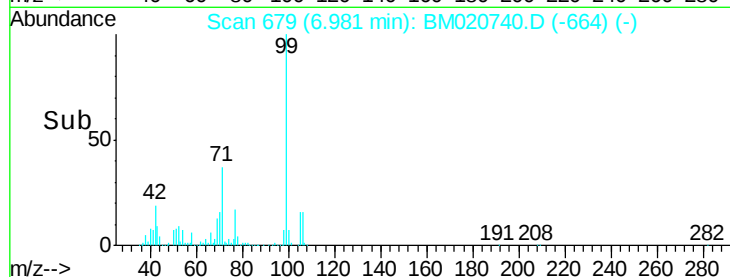
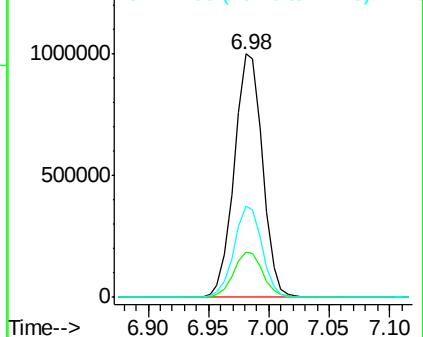
71 37.2 30.7 46.1

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Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 38.517 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

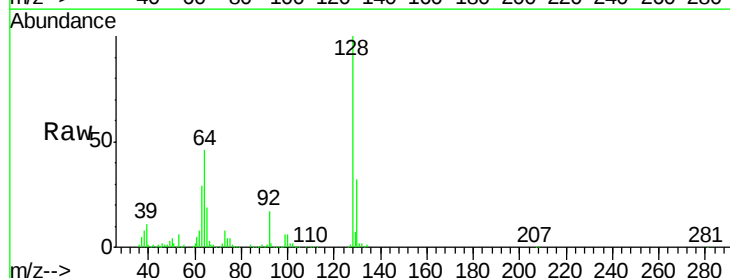
Tgt Ion: 128 Resp: 704390

Ion Ratio Lower Upper

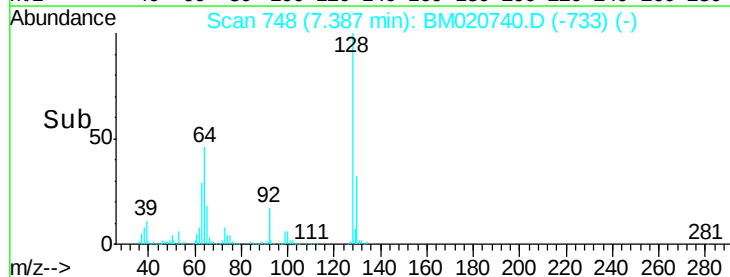
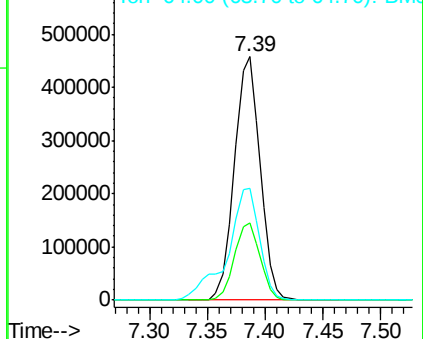
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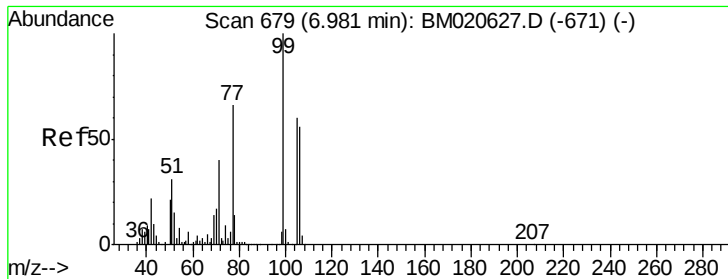
130 31.8 12.2 52.2

64 46.2 29.1 69.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 36.645 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

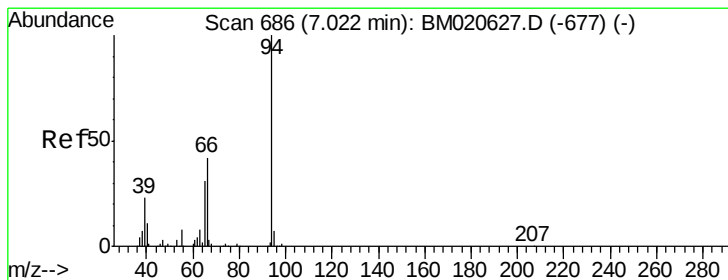
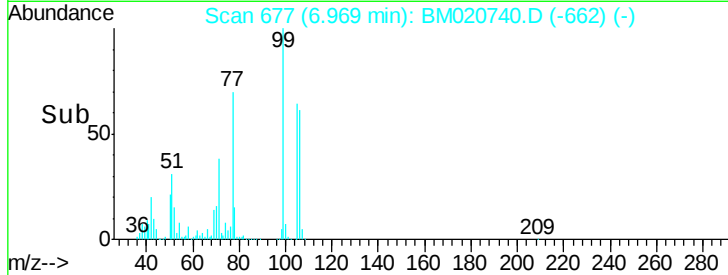
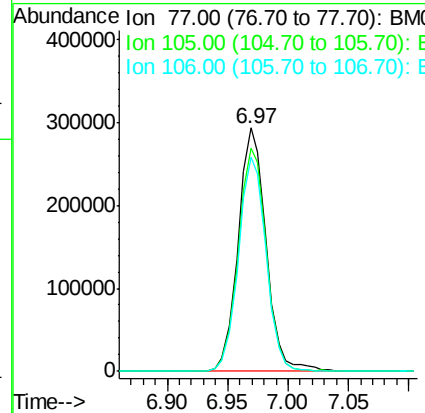
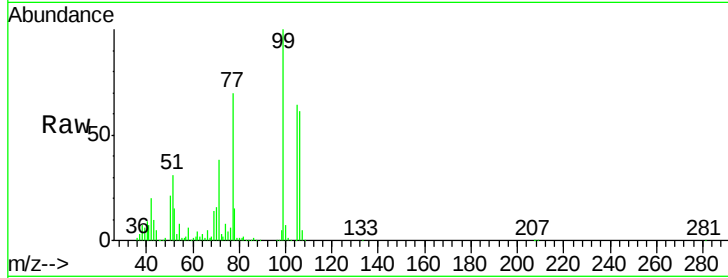
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	472270
Ion	Ratio	Lower	Upper
77	100		
105	91.8	70.6	110.6
106	88.1	64.9	104.9

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#10

Phenol

Concen: 37.399 ng

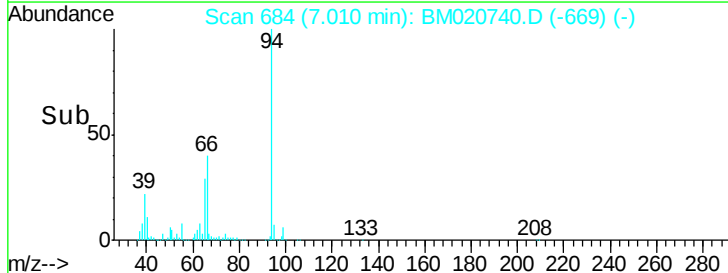
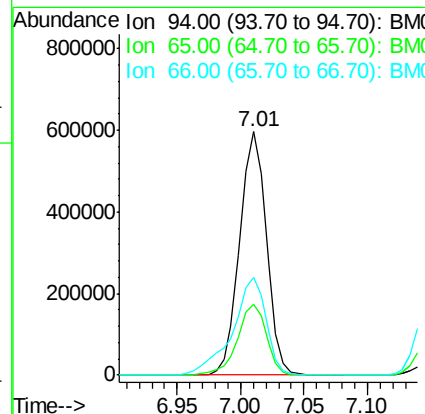
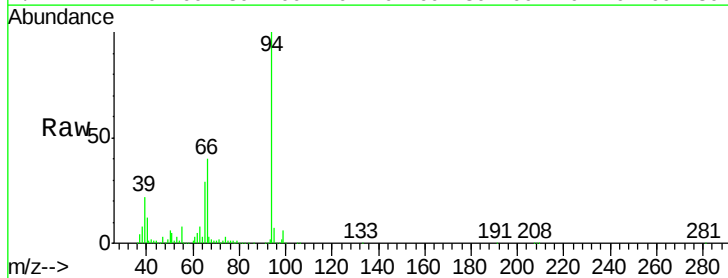
RT: 7.01 min Scan# 684

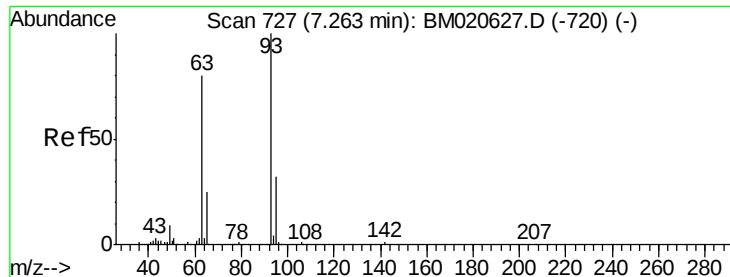
Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Tgt Ion:	94	Resp:	872386
Ion	Ratio	Lower	Upper
94	100		
65	28.9	10.7	50.7
66	39.9	22.3	62.3





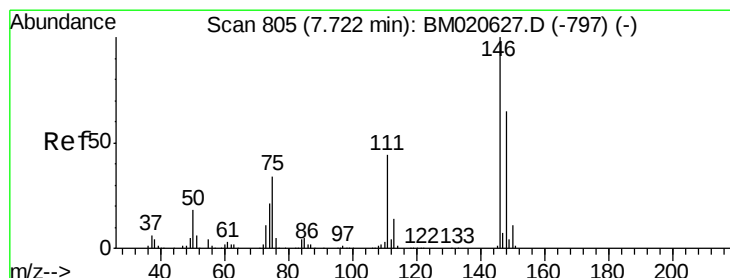
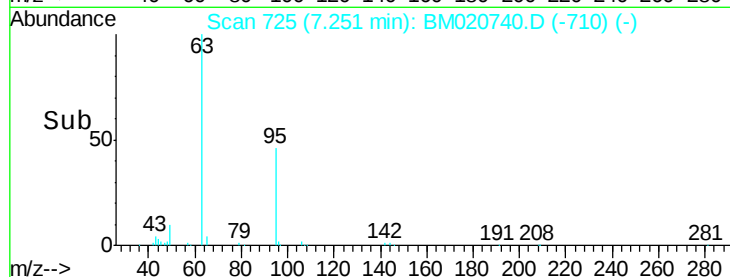
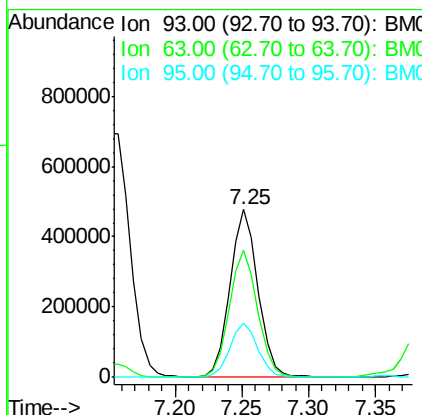
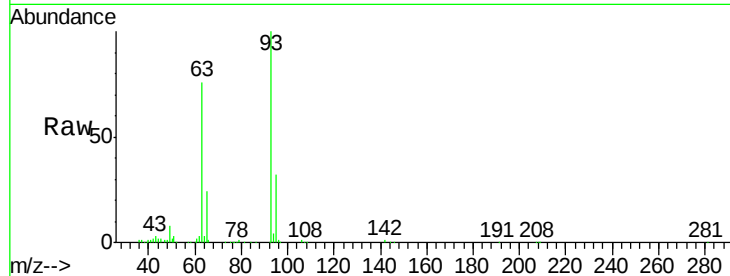
#11
bis(2-Chloroethyl)ether
Concen: 37.197 ng
RT: 7.25 min Scan# 725
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	60.0	100.0
95	32.3	12.2	52.2

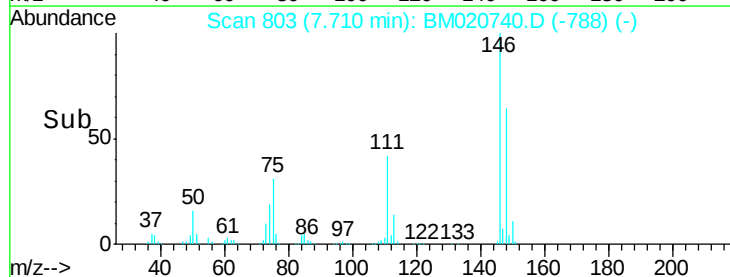
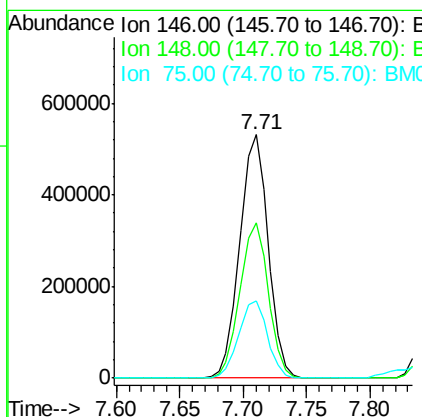
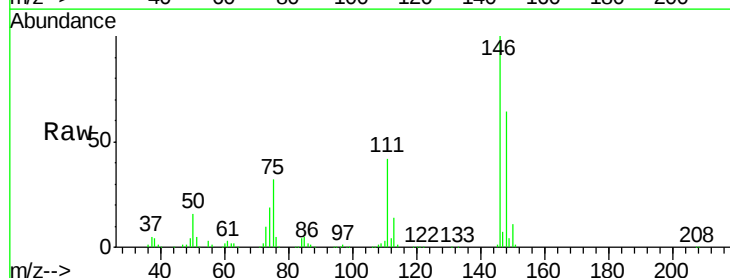
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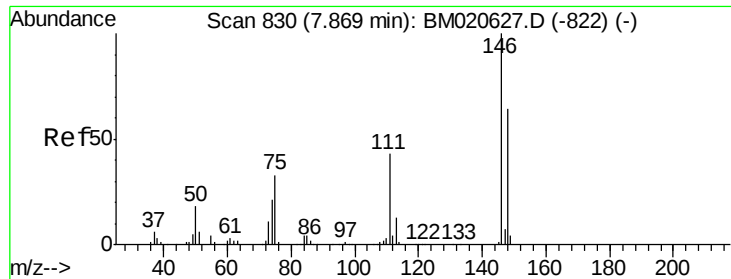
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#12
1,3-Dichlorobenzene
Concen: 39.281 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
75	31.5	27.0	40.4





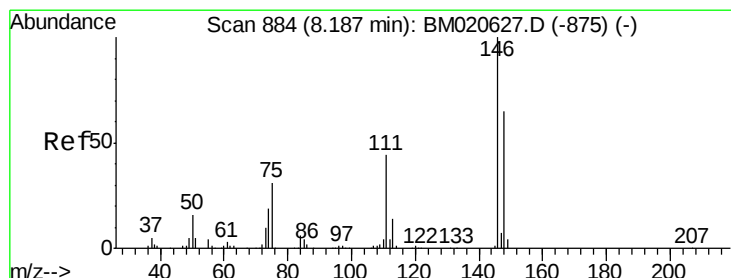
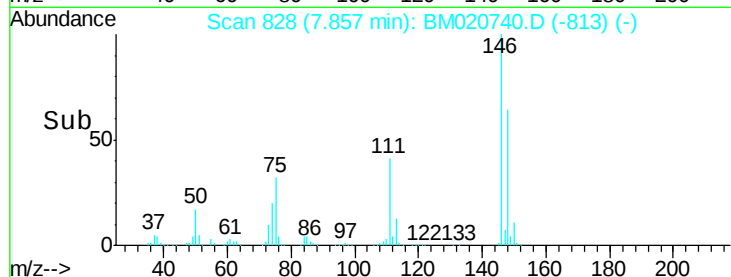
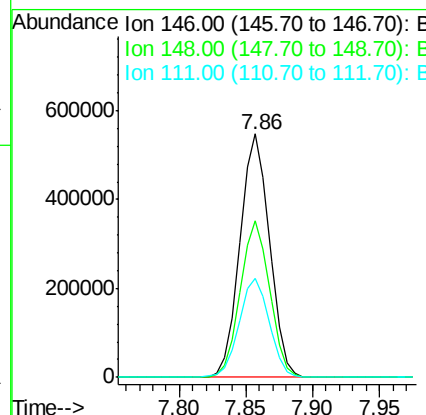
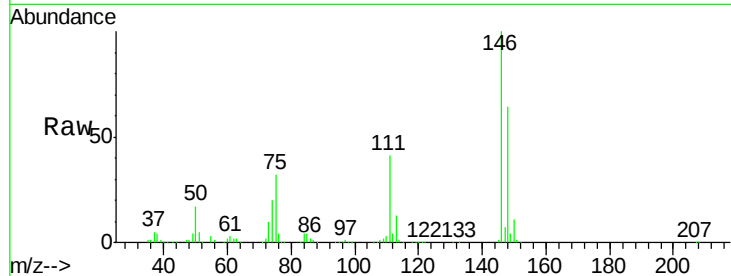
#13
1,4-Dichlorobenzene
Concen: 39.291 ng
RT: 7.86 min Scan# 828
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
111	40.5	34.4	51.6

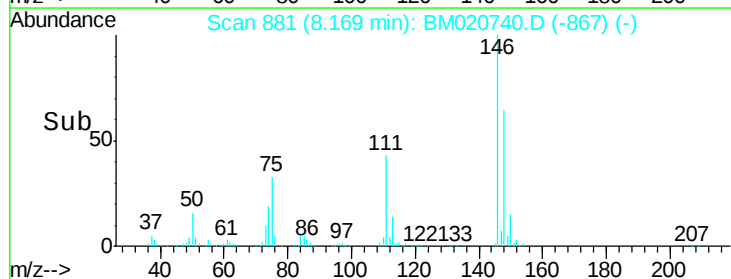
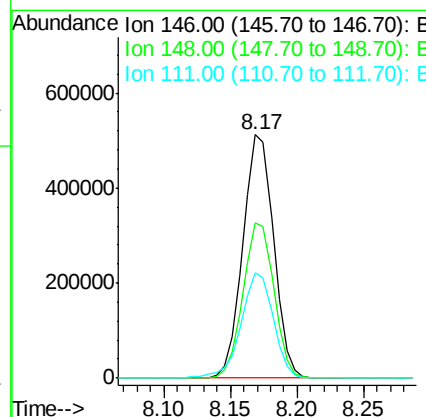
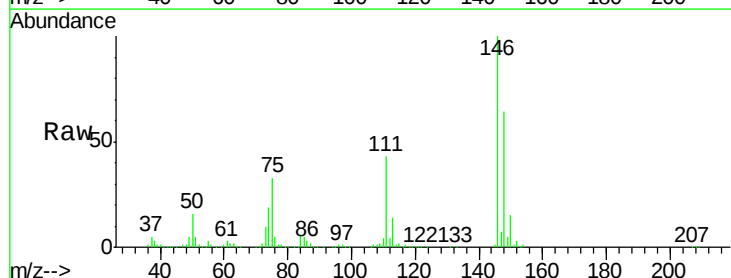
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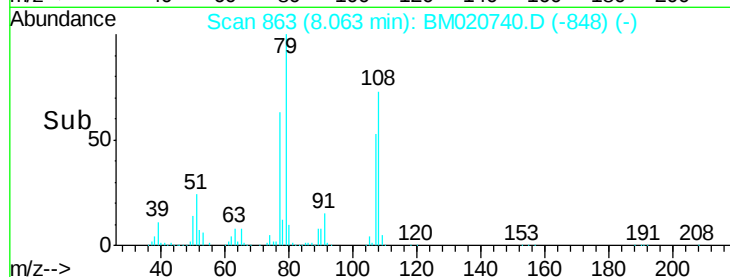
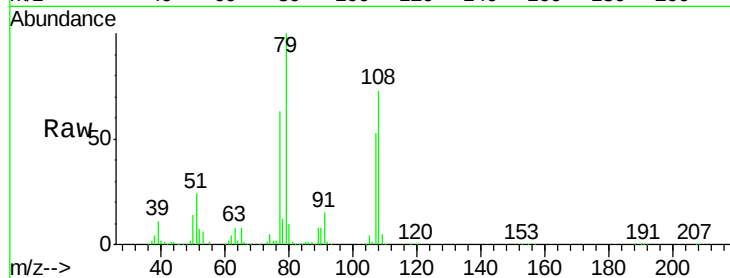
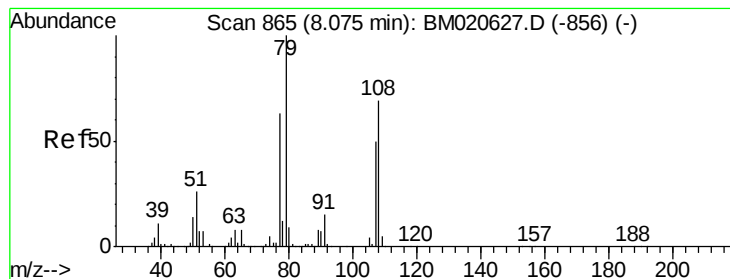
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#14
1,2-Dichlorobenzene
Concen: 39.292 ng
RT: 8.17 min Scan# 881
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
111	43.4	35.1	52.7





#15

Benzyl Alcohol

Concen: 34.966 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Tot Ion:	79	Resp:	669552
Ion Ratio	Lower	Upper	
79	100		
108	72.5	54.9	82.3
77	63.5	50.2	75.4

Instrument :

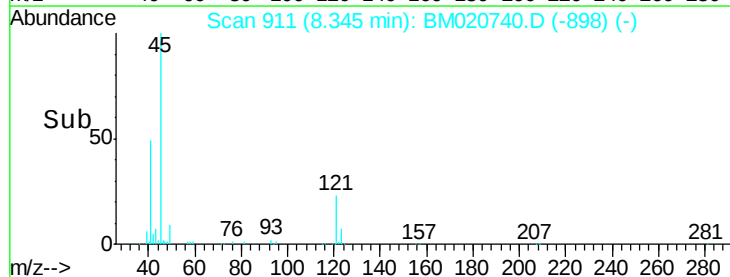
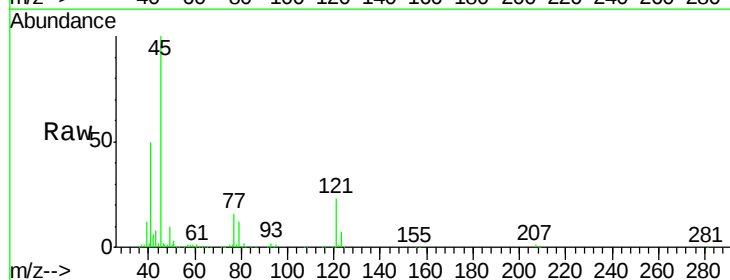
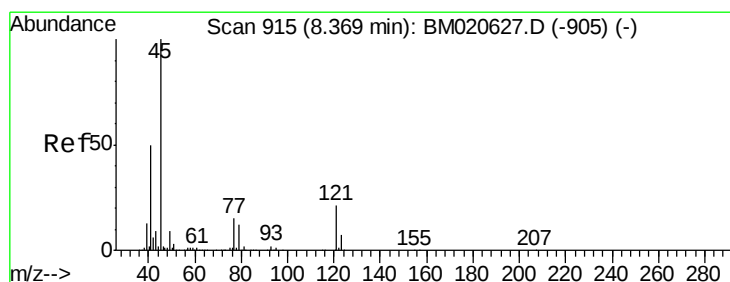
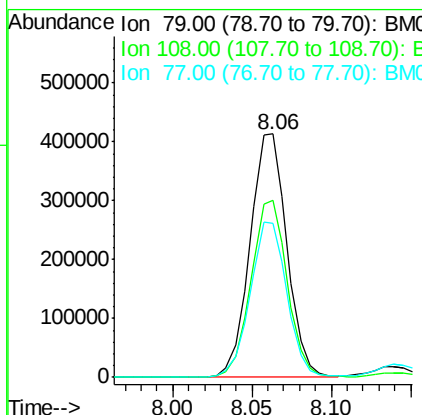
BNA_M

ClientSampled :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.567 ng

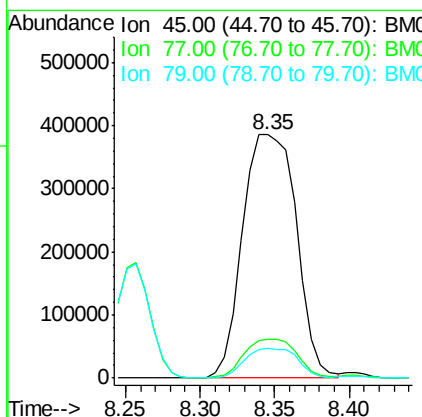
RT: 8.35 min Scan# 911

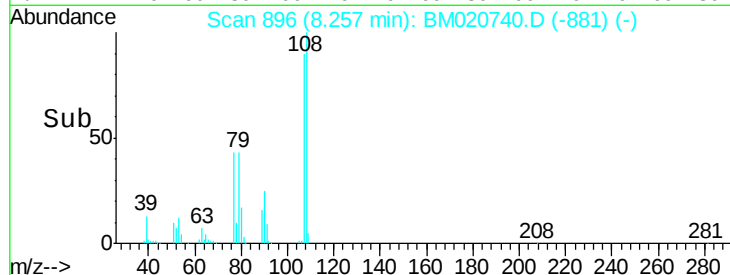
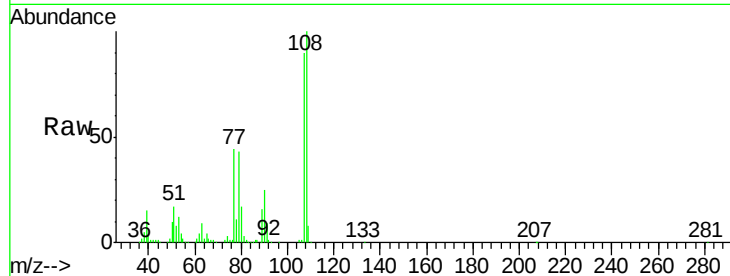
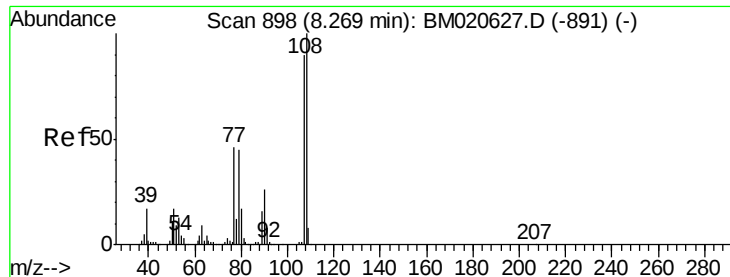
Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Tgt Ion:	45	Resp:	963403
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	34.9
79	12.2	0.0	31.8





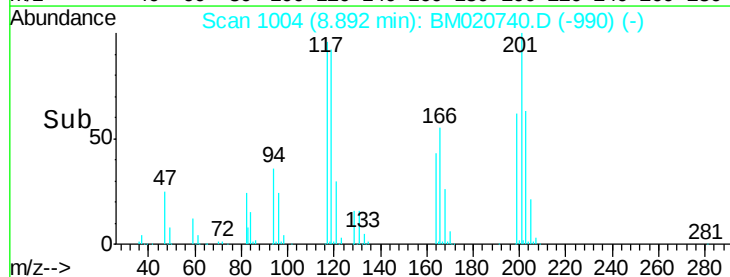
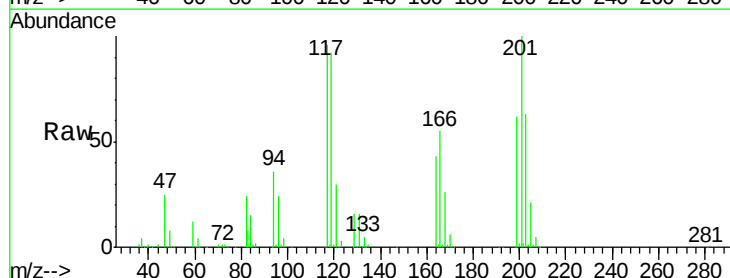
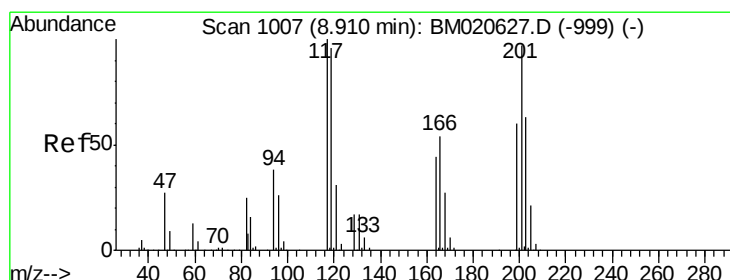
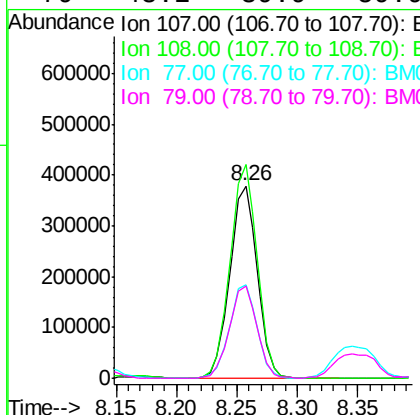
#17
2-Methylphenol
Concen: 36.599 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tot Ion	107	Resp	600322
Ion Ratio	Lower	Upper	
107	100		
108	111.2	88.6	133.0
77	48.6	40.6	61.0
79	48.2	39.9	59.9

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

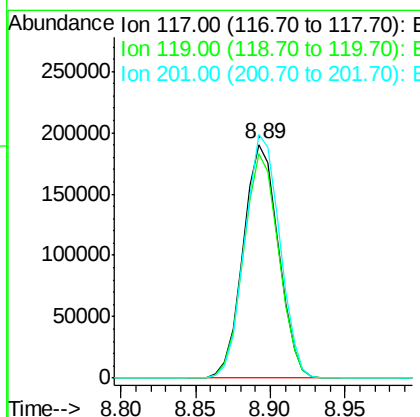
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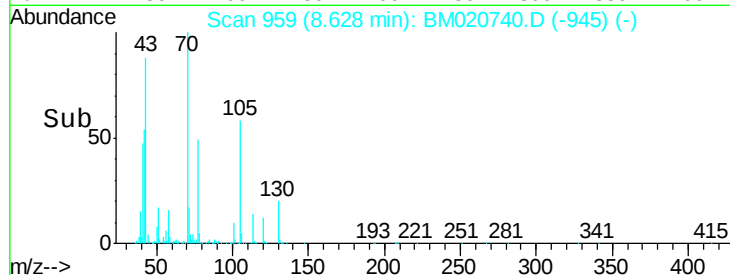
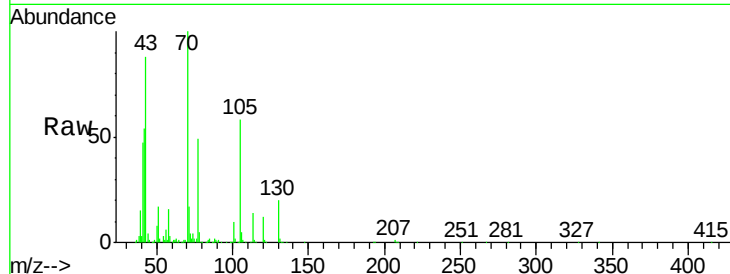
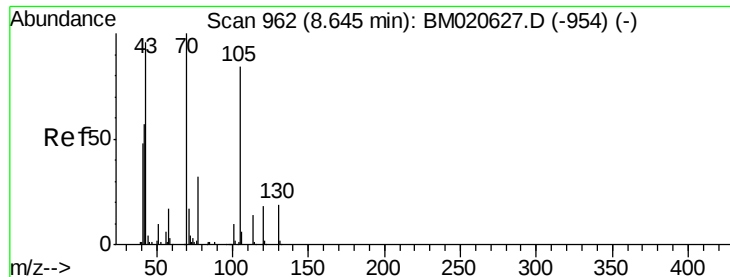
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#18
Hexachloroethane
Concen: 37.970 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	117	Resp	310615
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.7	115.1
201	104.1	77.9	116.9





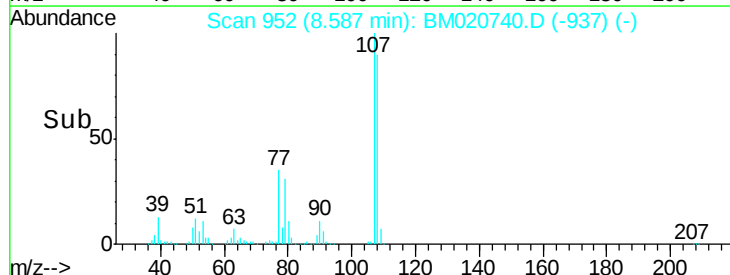
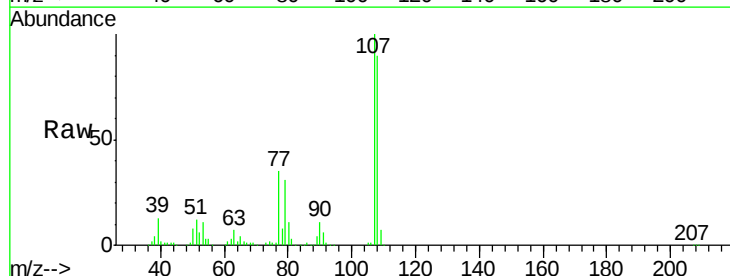
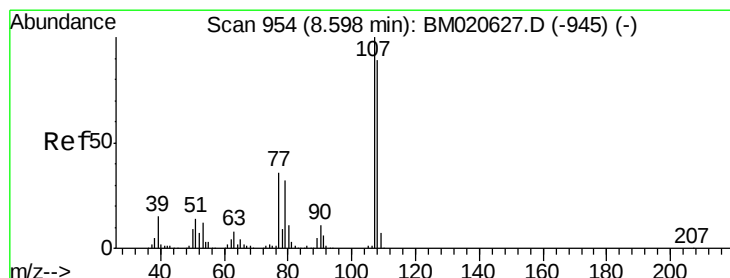
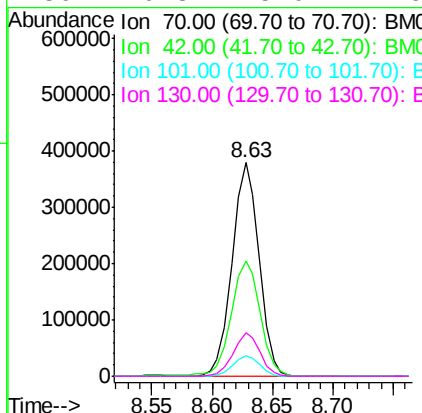
#19
n-Nitroso-di-n-propylamine
Concen: 34.024 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	46.8	70.2
101	9.7	7.8	11.6
130	20.3	15.0	22.6

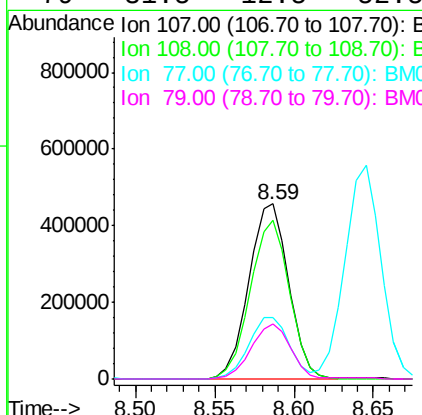
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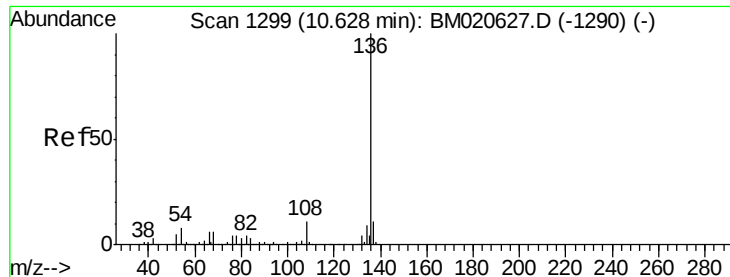
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#20
3+4-Methylphenols
Concen: 35.756 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.2	109.2
77	35.4	16.2	56.2
79	31.5	12.5	52.5





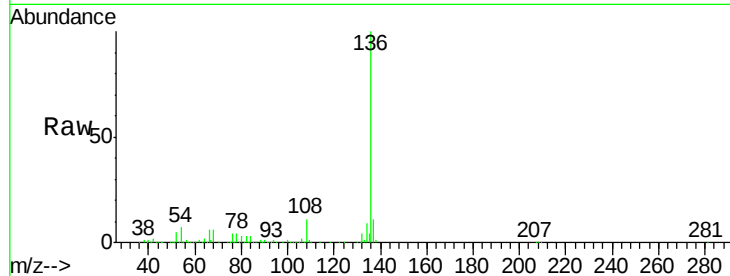
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1109369		
137	10.9	8.8	13.2		
54	7.4	6.6	10.0		
68	5.8	5.1	7.7		

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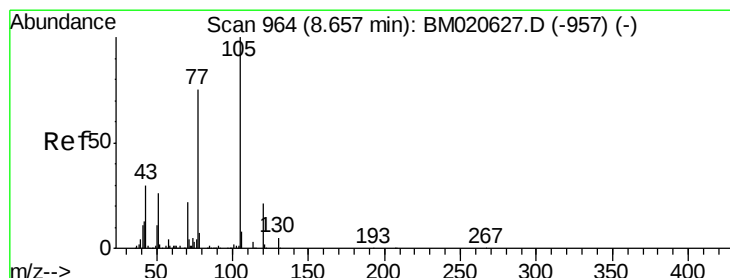
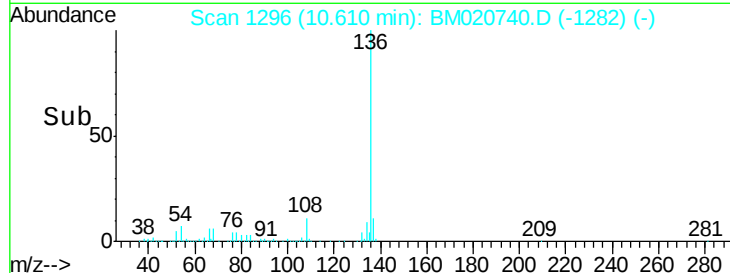
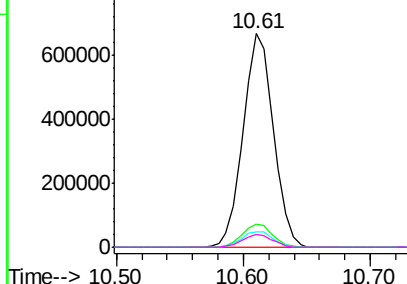
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.018 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1099598		
71	2.1	3.2	4.8#		
51	25.7	22.8	34.2		
120	21.2	17.0	25.4		

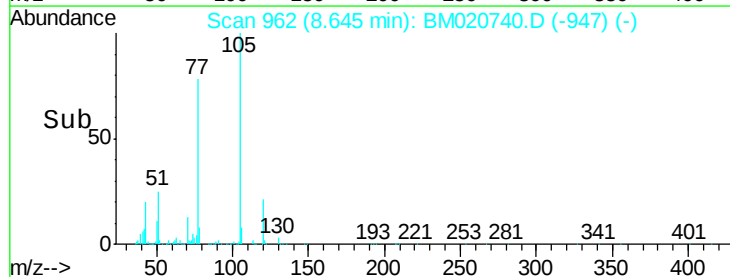
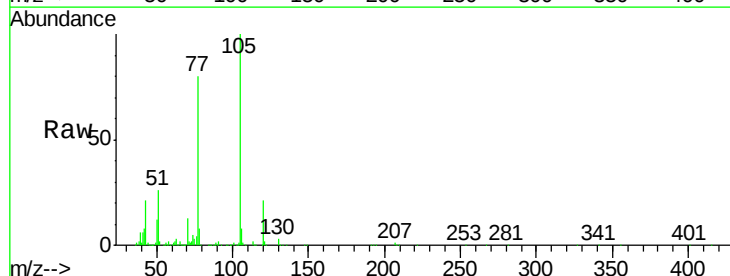
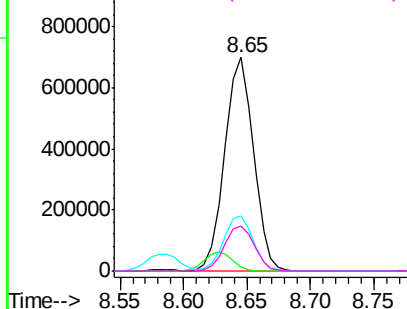
Abundance

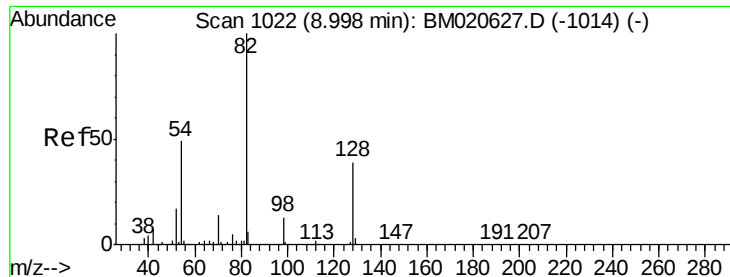
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





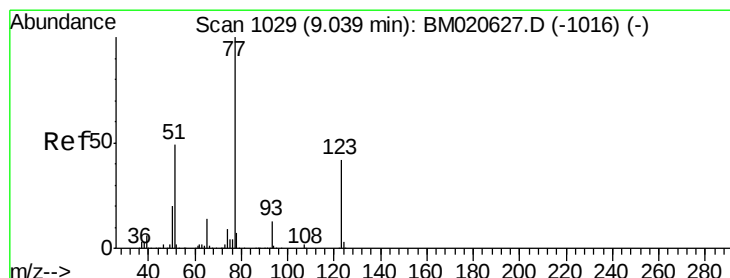
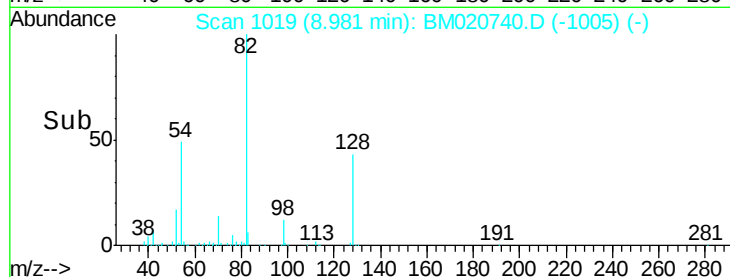
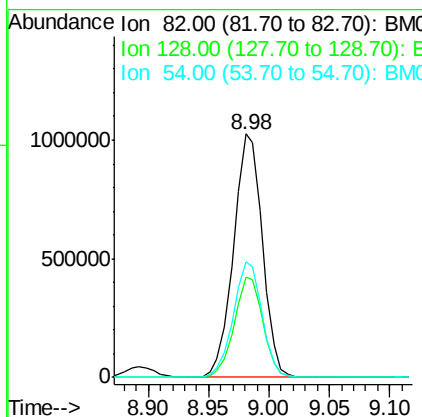
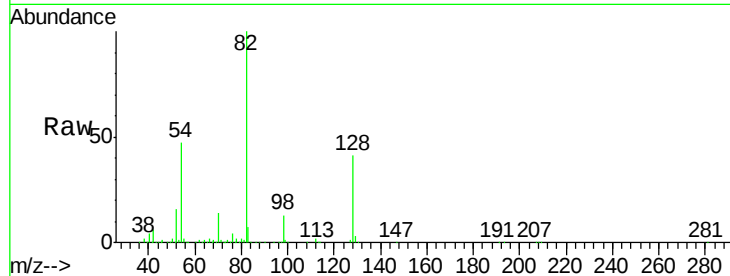
#23
 Nitrobenzene-d5
 Concen: 79.710 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.5	47.3
54	47.4	39.4	59.0

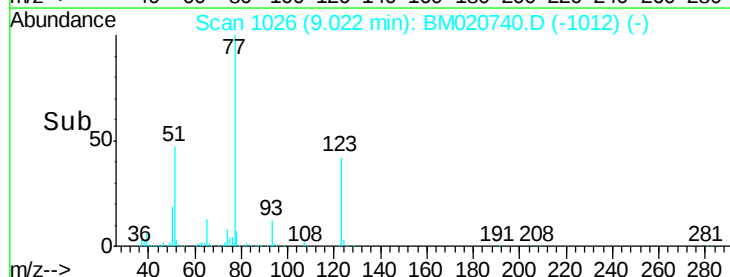
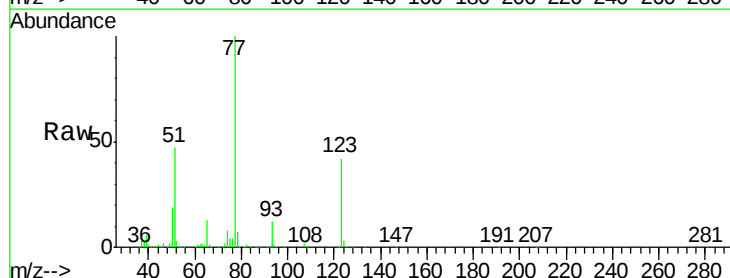
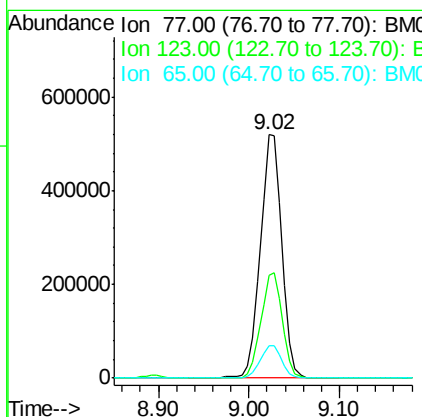
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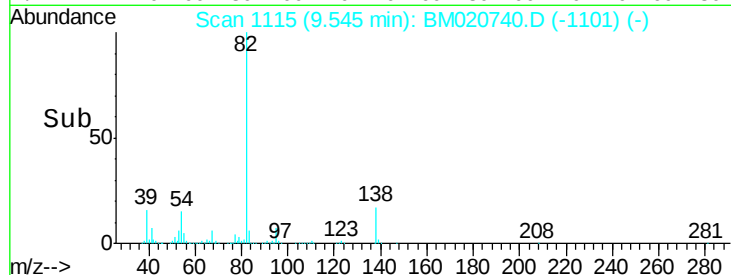
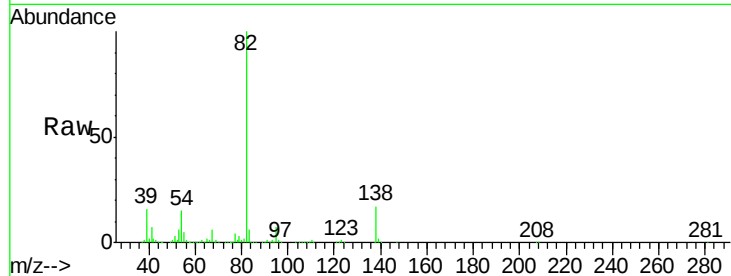
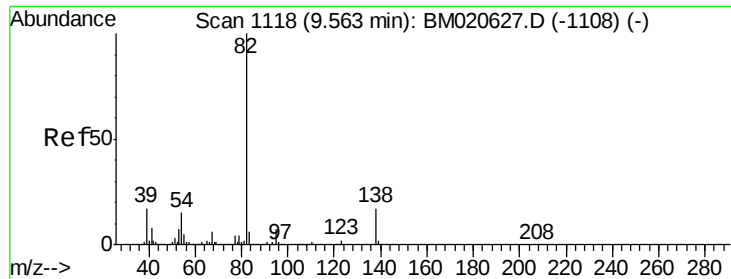
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#24
 Nitrobenzene
 Concen: 39.180 ng
 RT: 9.02 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	33.7	50.5
65	13.4	11.0	16.6





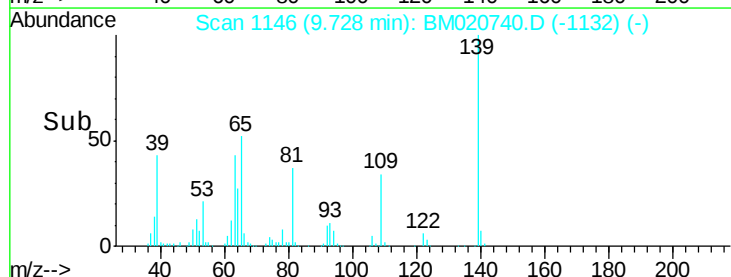
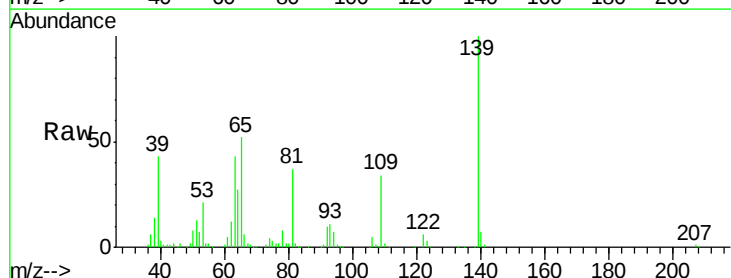
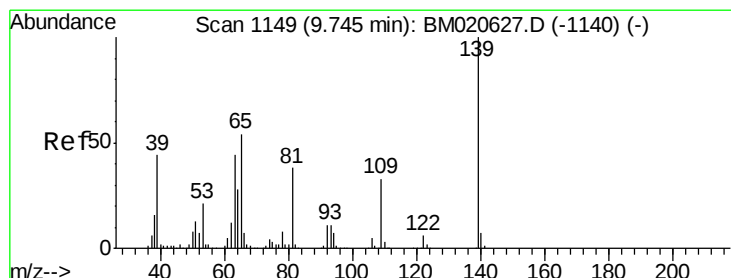
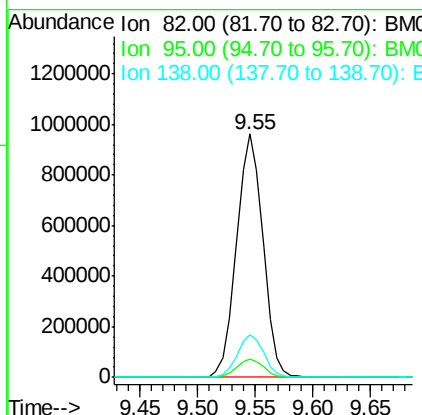
#25
Isophorone
Concen: 35.826 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tot Ion: 82 Resp: 1525872
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.5 13.8 20.8

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

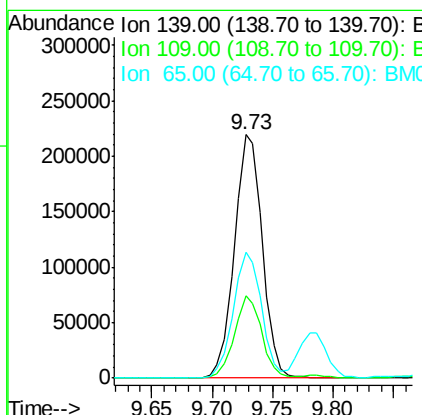
Manual Integrations
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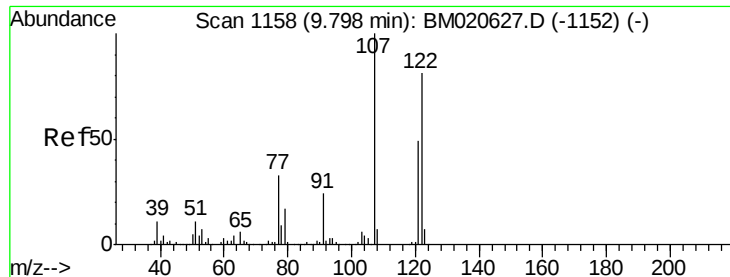
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#26
2-Nitrophenol
Concen: 43.396 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion: 139 Resp: 353525
Ion Ratio Lower Upper
139 100
109 33.8 26.1 39.1
65 51.9 43.4 65.0





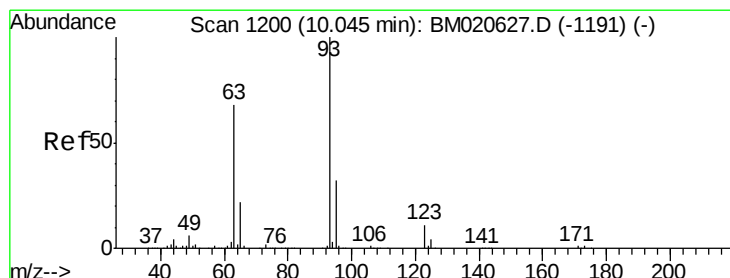
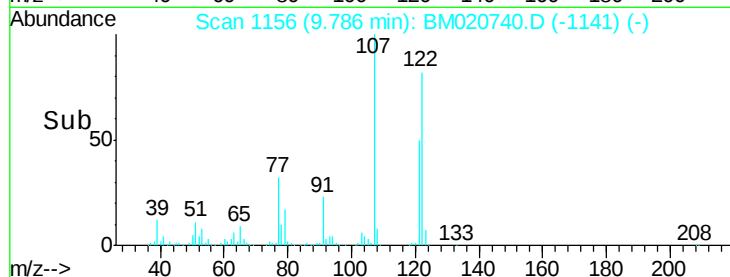
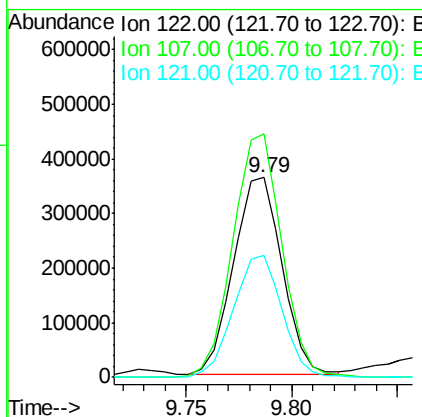
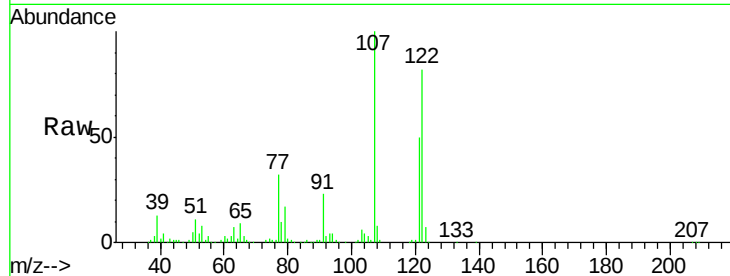
#27
 2,4-Dimethylphenol
 Concen: 37.869 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.9	98.0	147.0
121	60.9	48.2	72.4

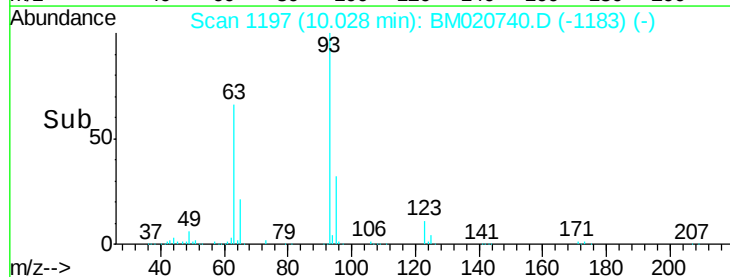
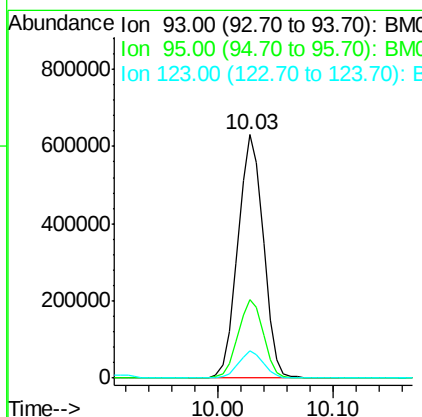
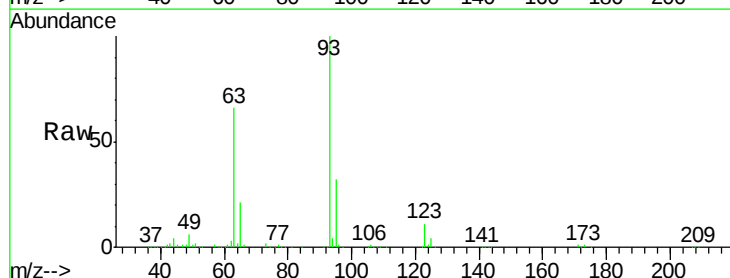
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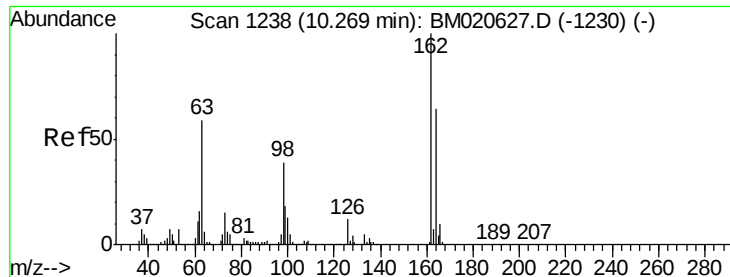
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.461 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	11.2	9.0	13.6





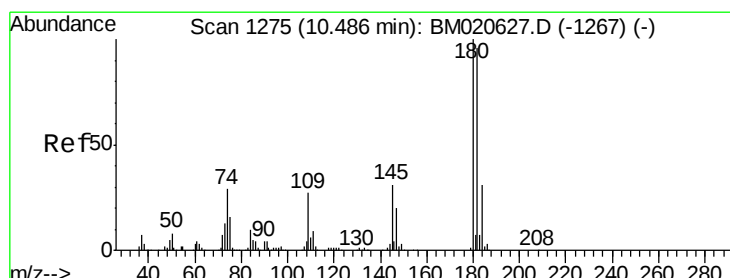
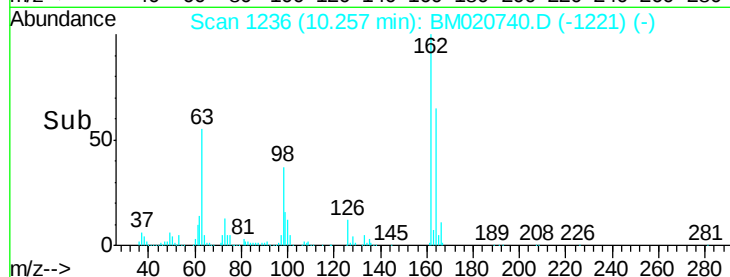
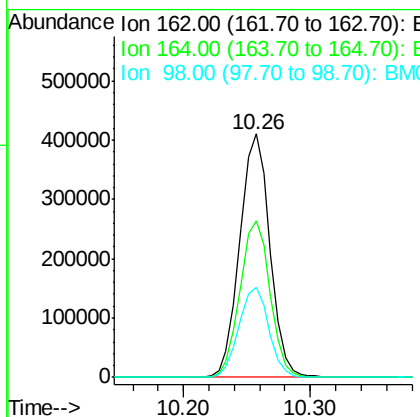
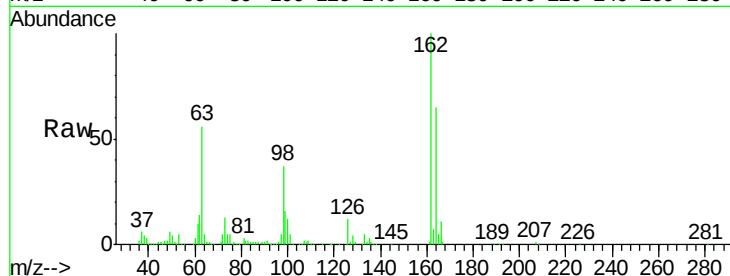
#29
2,4-Dichlorophenol
Concen: 39.993 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	675454		
164	64.5	43.8	83.8	
98	36.9	19.1	59.1	

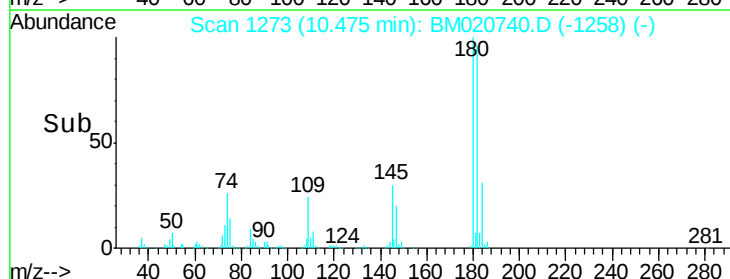
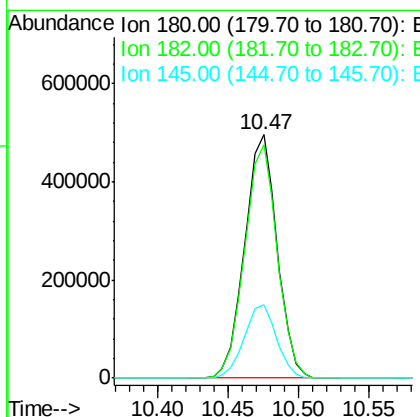
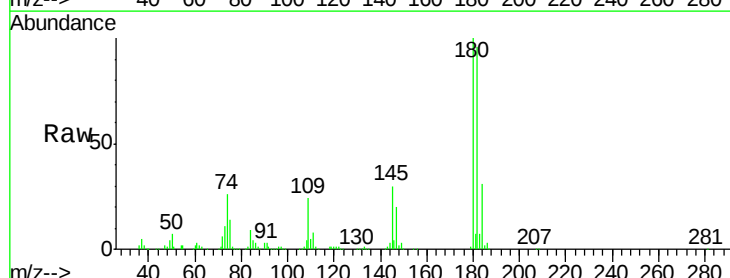
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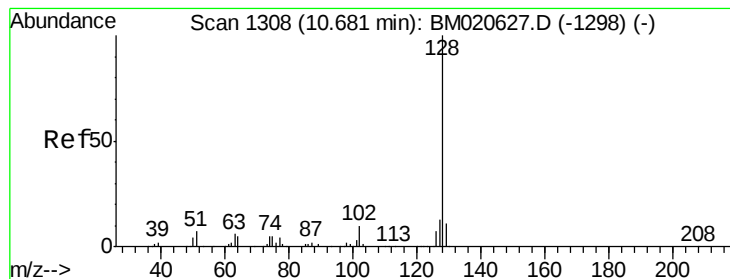
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#30
1,2,4-Trichlorobenzene
Concen: 41.170 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	799519		
182	96.0	77.0	115.6	
145	30.0	25.0	37.4	





#31

Naphthalene

Concen: 39.597 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2258905

Ion Ratio Lower Upper

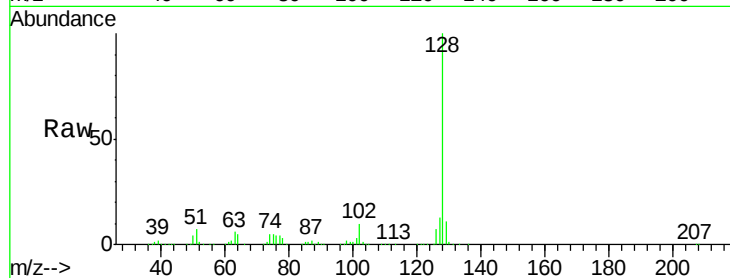
128 100

129 10.9 8.7 13.1

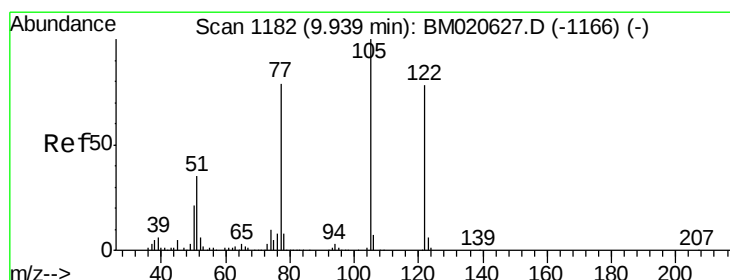
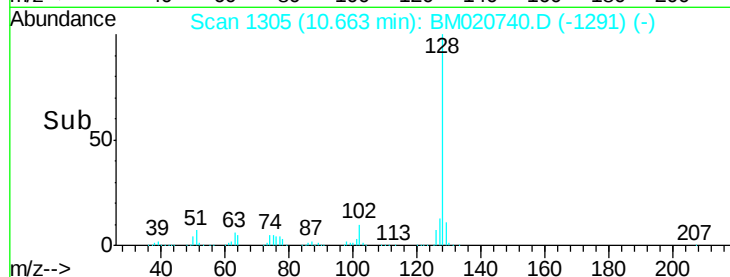
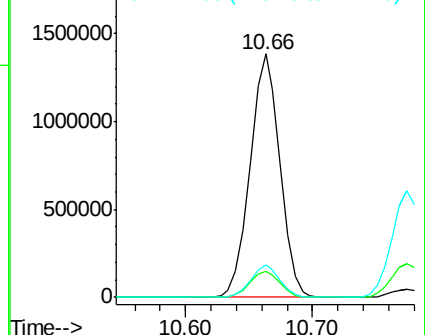
127 13.2 10.3 15.5

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



#32

Benzoic acid

Concen: 39.979 ng m

RT: 9.92 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

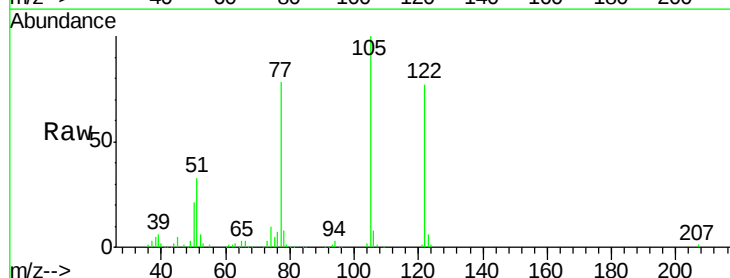
Tgt Ion:122 Resp: 374894

Ion Ratio Lower Upper

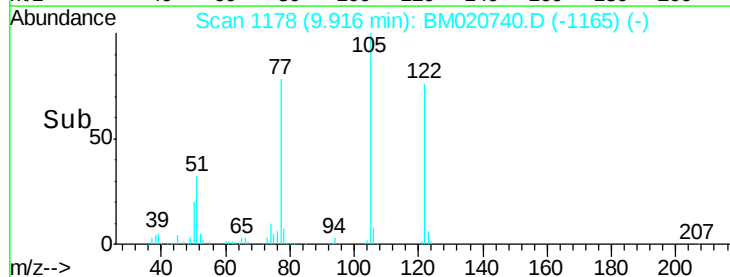
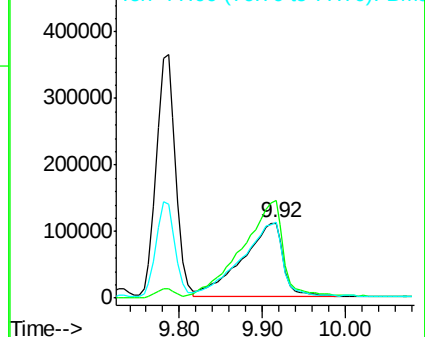
122 100

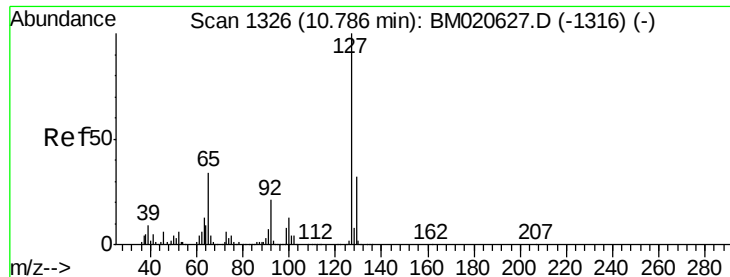
105 130.2 107.0 147.0

77 101.3 80.9 120.9



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





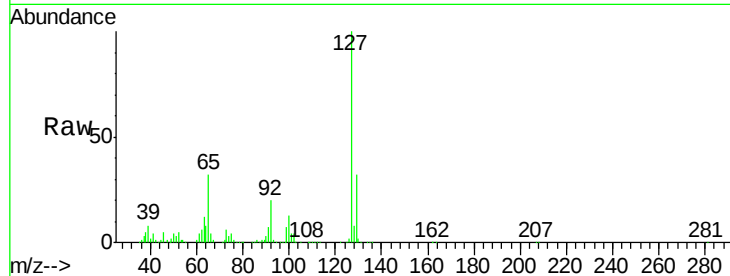
#33
4-Chloroaniline
Concen: 37.710 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

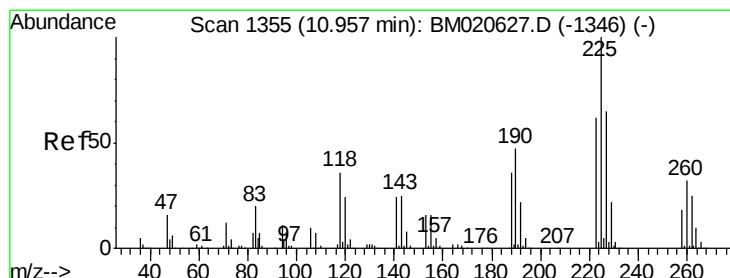
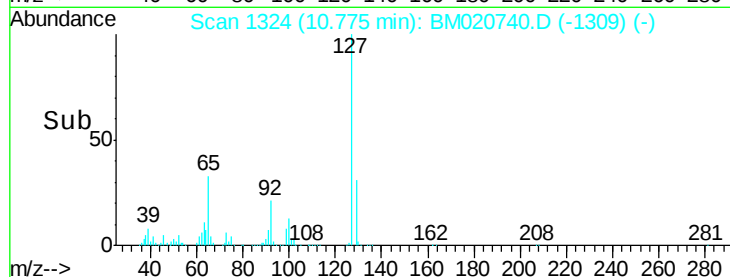
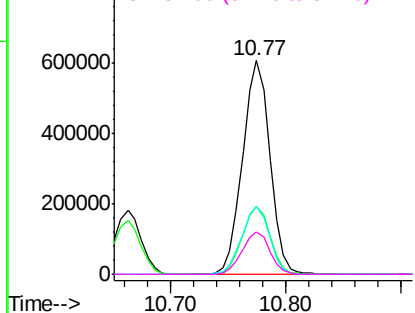
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.7	38.5		
65	32.0	27.4	41.0		
92	20.0	17.0	25.6		

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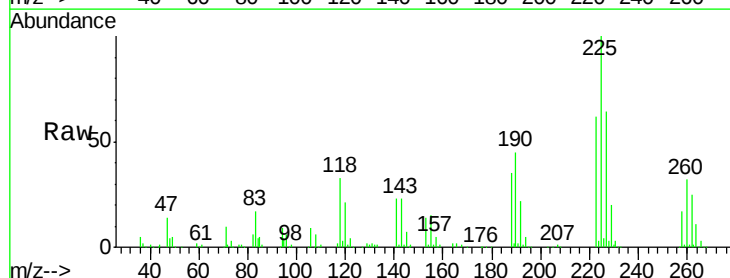


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

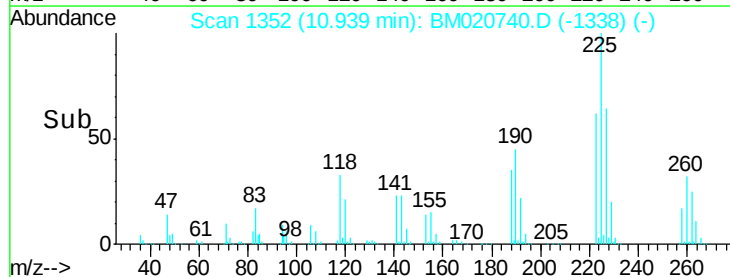
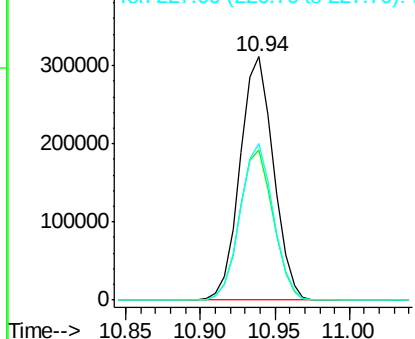


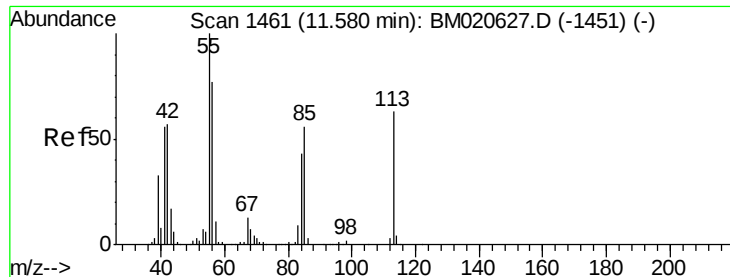
#34
Hexachlorobutadiene
Concen: 41.504 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.7	74.5		
227	64.2	51.8	77.8		



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: 34.697 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

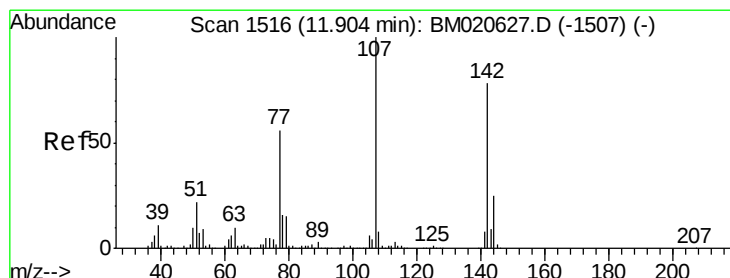
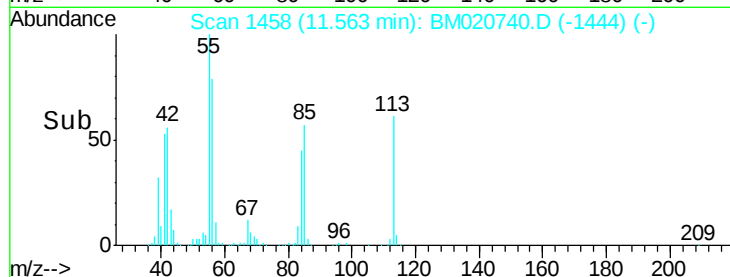
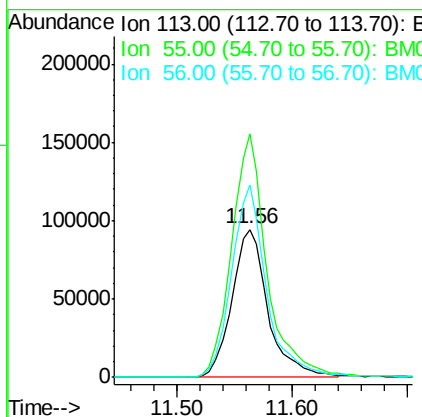
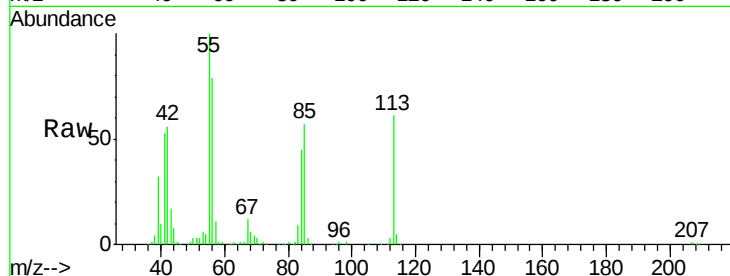
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	203577
Ion	Ratio	Lower	Upper
113	100		
55	164.3	138.6	178.6
56	129.6	102.3	142.3

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#36

4-Chloro-3-methylphenol

Concen: 36.107 ng

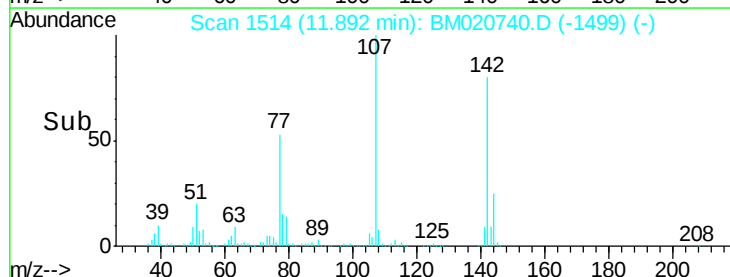
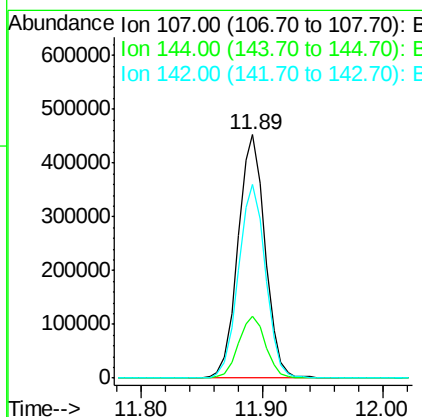
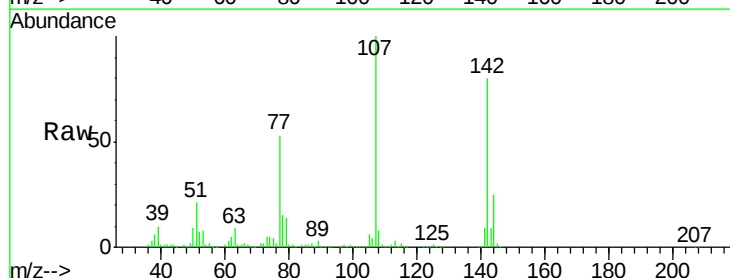
RT: 11.89 min Scan# 1514

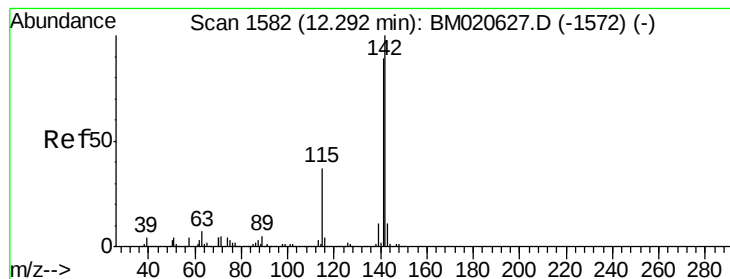
Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Tgt Ion:	107	Resp:	708999
Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.3	30.5
142	79.6	62.6	93.8





#37

2-Methylnaphthalene

Concen: 37.947 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1604607

Ion Ratio Lower Upper

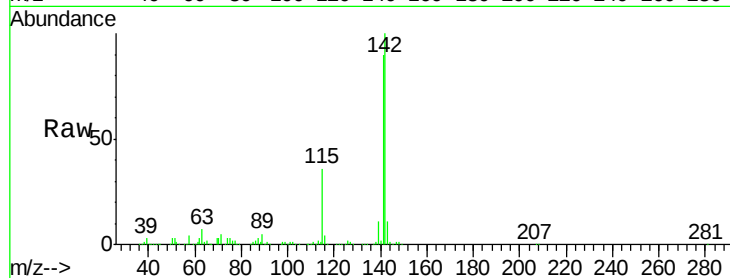
142 100

141 90.1 71.6 107.4

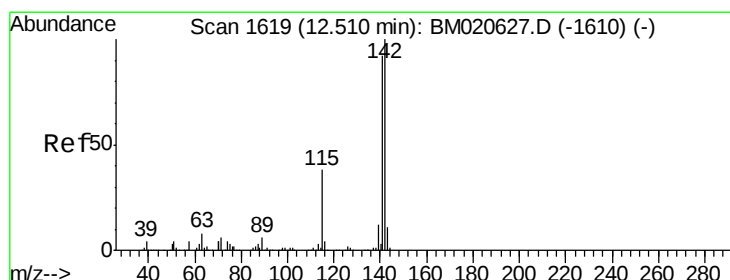
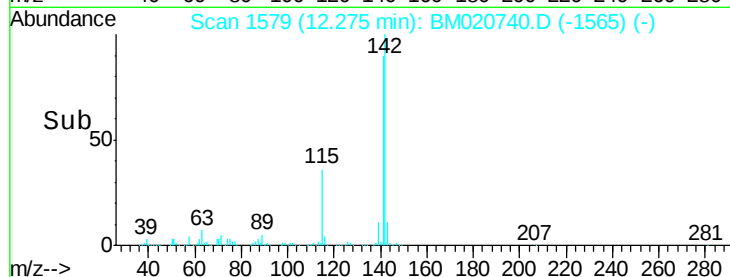
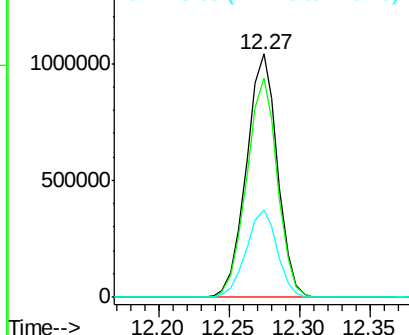
115 36.2 29.6 44.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.830 ng

RT: 12.49 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

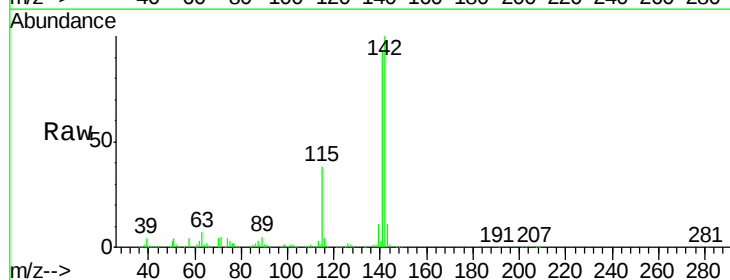
Tgt Ion:142 Resp: 1523152

Ion Ratio Lower Upper

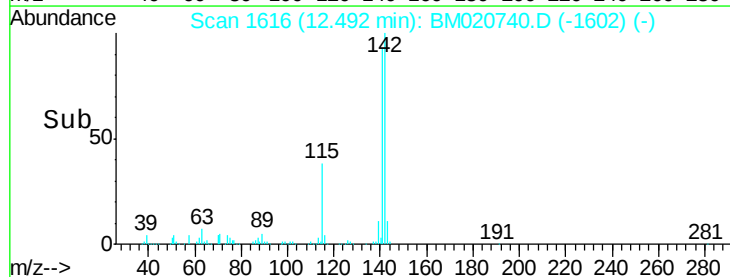
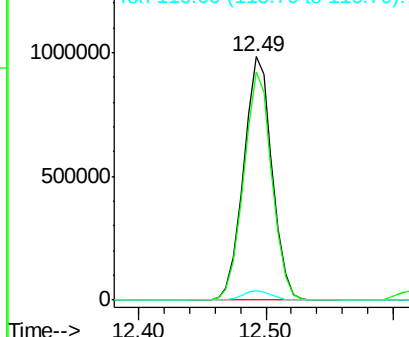
142 100

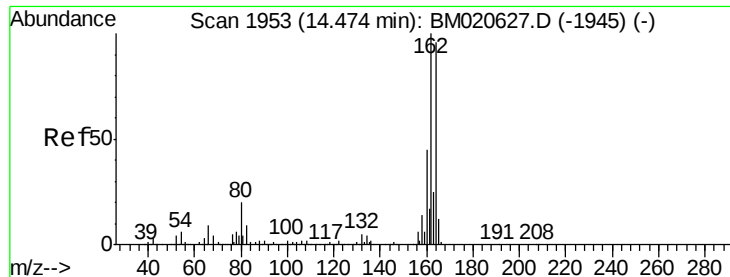
141 93.5 73.9 110.9

116 4.0 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





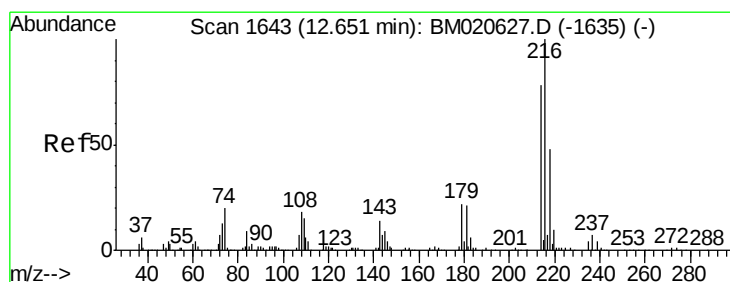
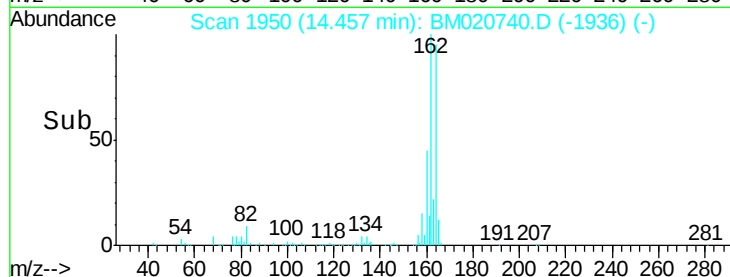
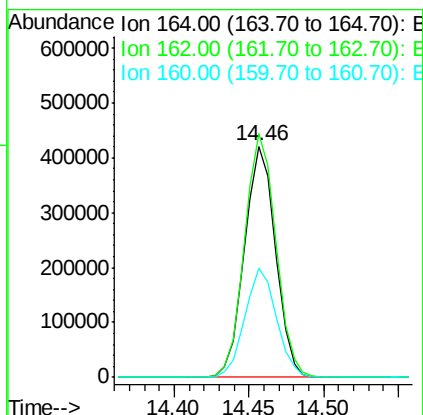
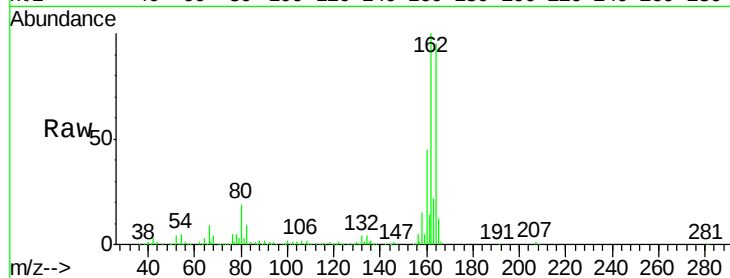
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.2	124.8
160	47.0	37.5	56.3

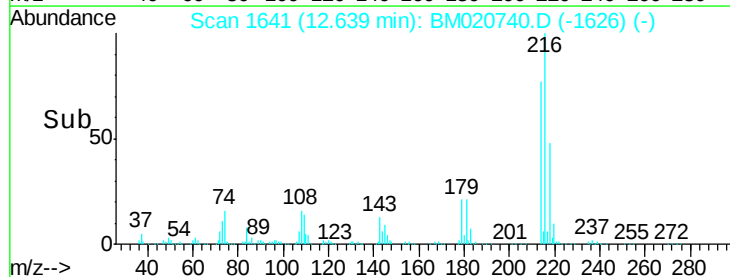
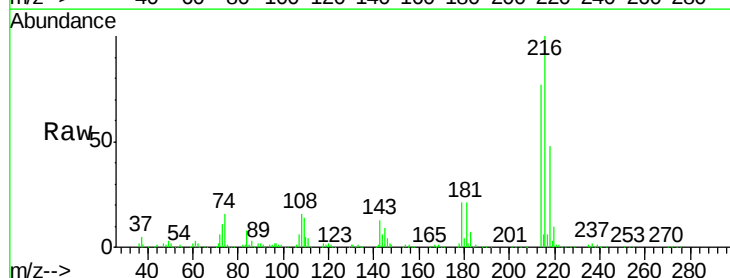
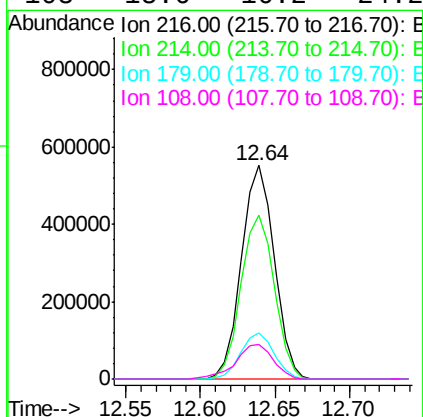
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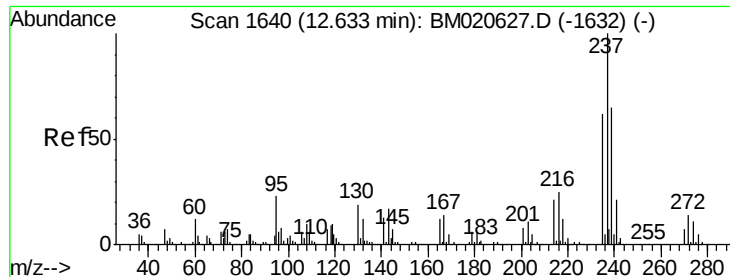
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.449 ng
RT: 12.64 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.7	17.9	26.9
108	18.6	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 35.698 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

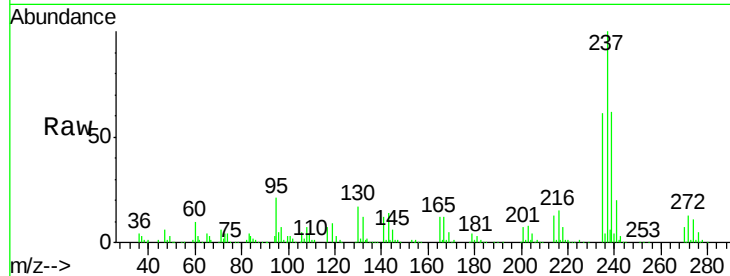
ClientSampleId :

SSTDCCC040

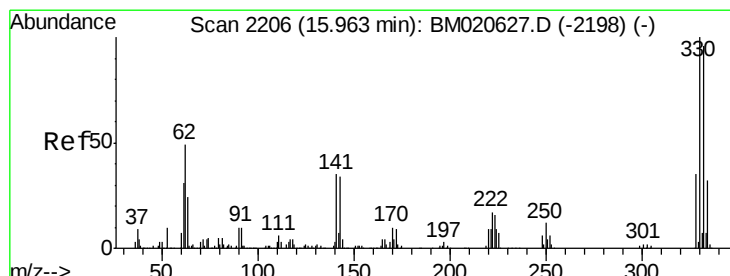
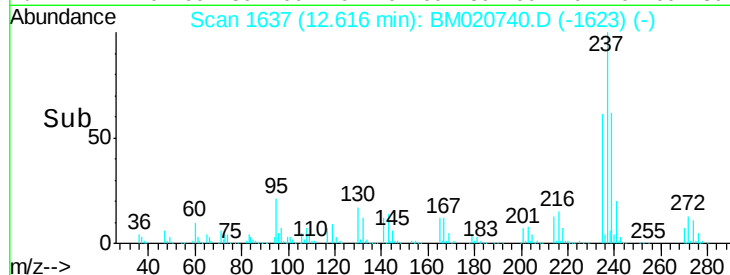
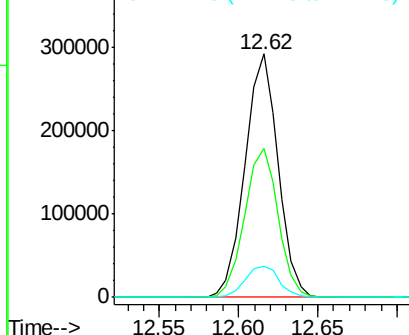
Tot Ion:	237	Resp:	423117
Ion Ratio		Lower	Upper
237	100		
235	61.1	42.1	82.1
272	13.0	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 83.583 ng

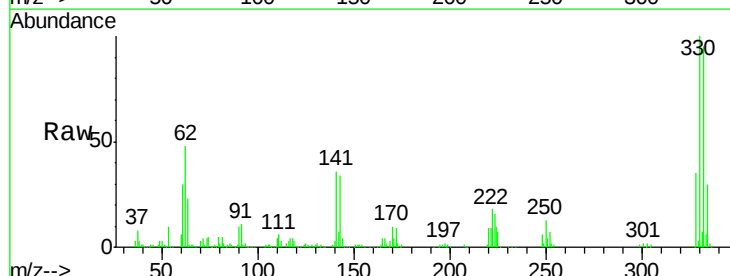
RT: 15.94 min Scan# 2203

Delta R.T. -0.02 min

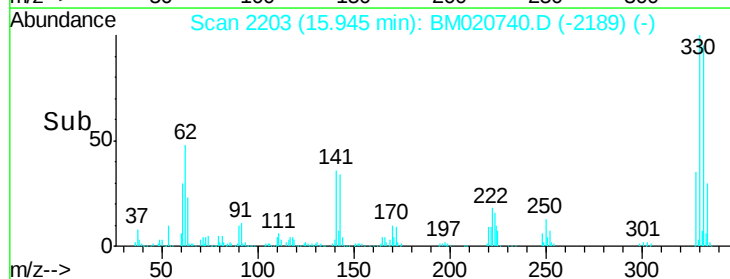
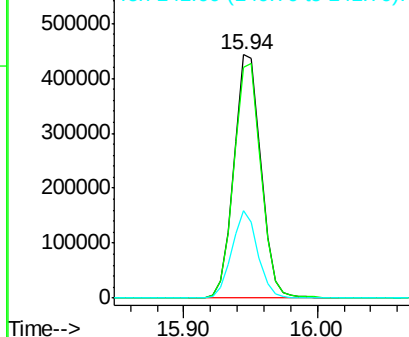
Lab File: BM020740.D

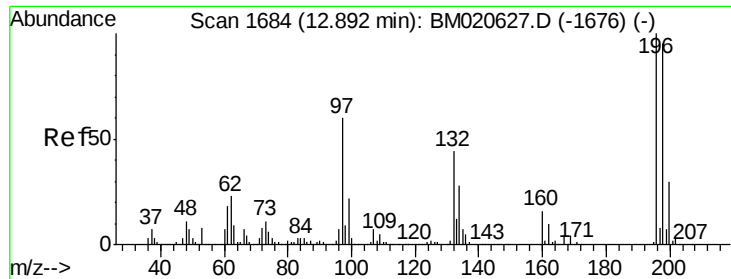
Acq: 05 Jun 2019 17:21

Tgt Ion:	330	Resp:	626276
Ion Ratio		Lower	Upper
330	100		
332	96.8	77.4	116.0
141	34.6	30.4	45.6



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





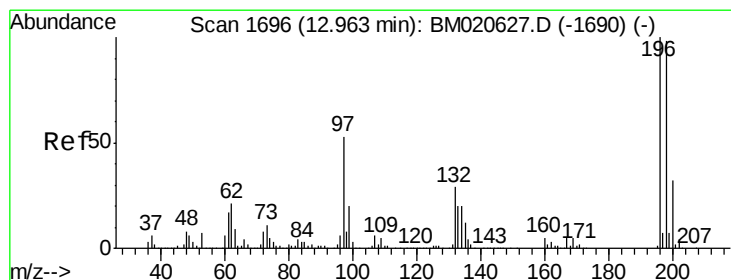
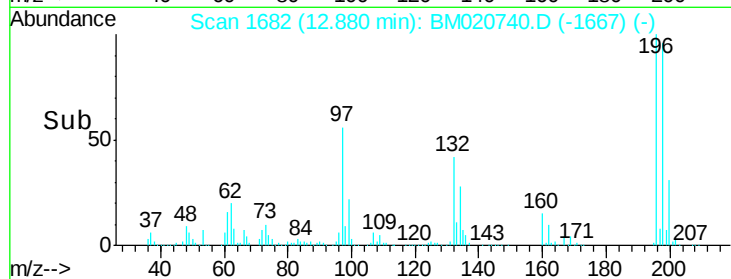
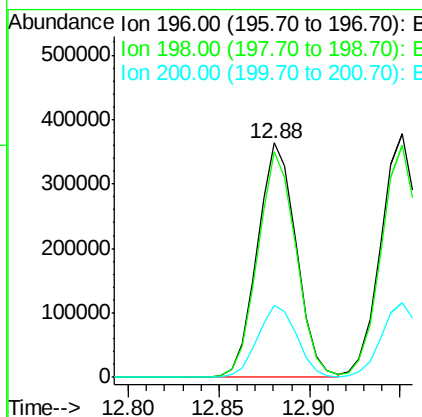
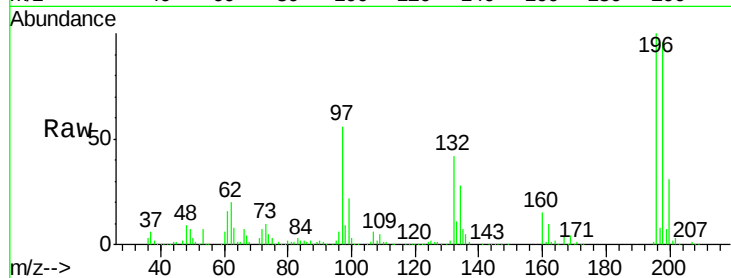
#43
 2,4,6-Trichlorophenol
 Concen: 42.382 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	540658		
198	96.4	75.7	113.5	
200	31.0	23.9	35.9	

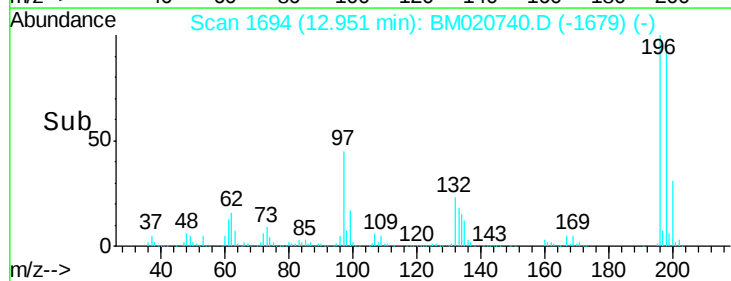
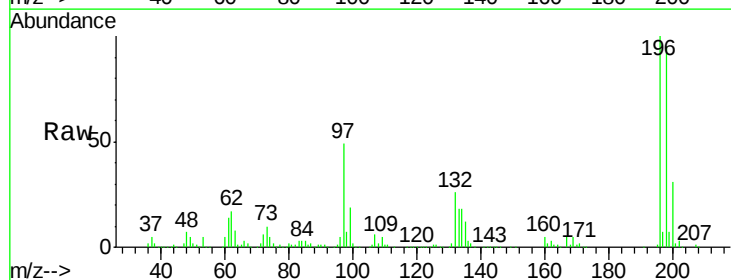
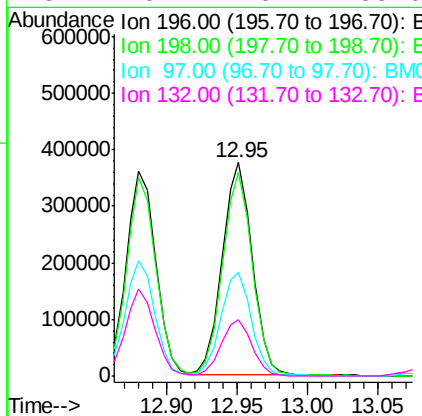
Manual Integrations
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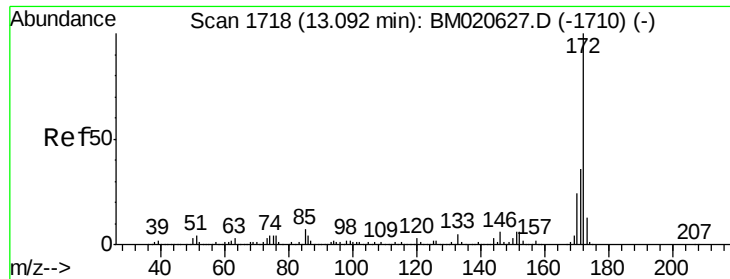
mohammad
 6/6/2019 11:21:49 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.188 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	555610		
198	95.4	78.6	117.8	
97	48.5	42.7	64.1	
132	26.4	23.4	35.0	





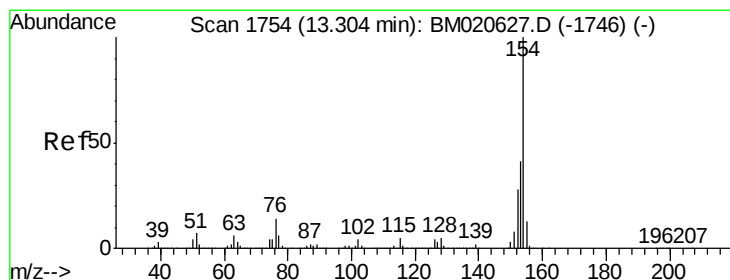
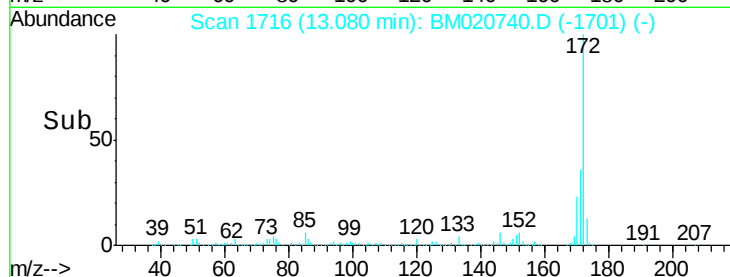
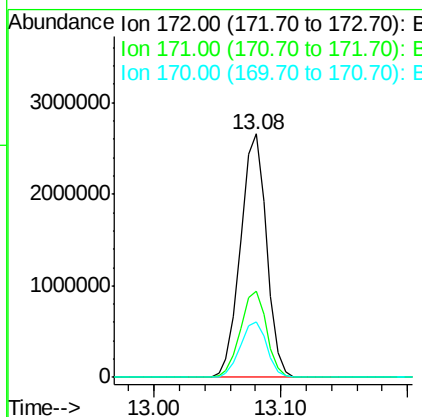
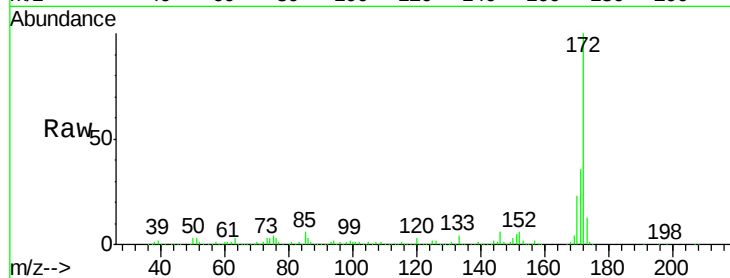
#45
2-Fluorobiphenyl
Concen: 82.782 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.0	18.9	28.3

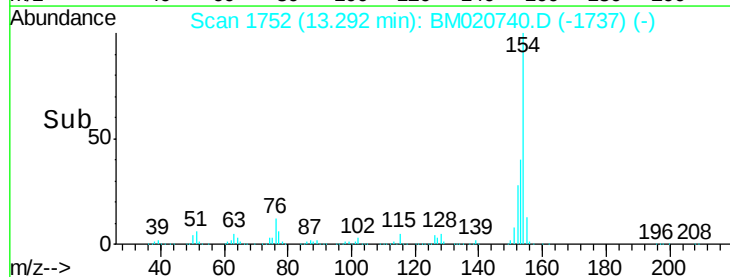
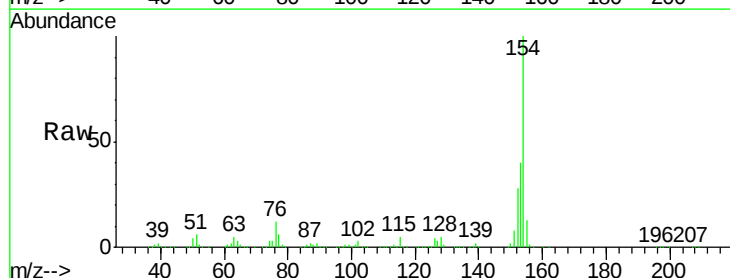
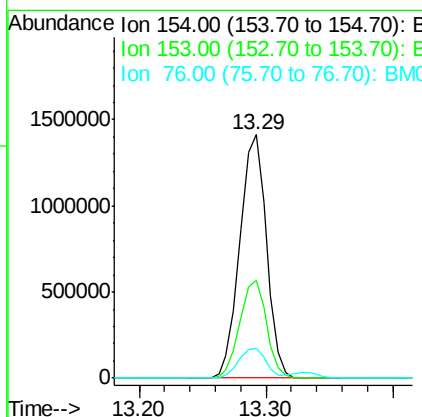
Manual Integrations
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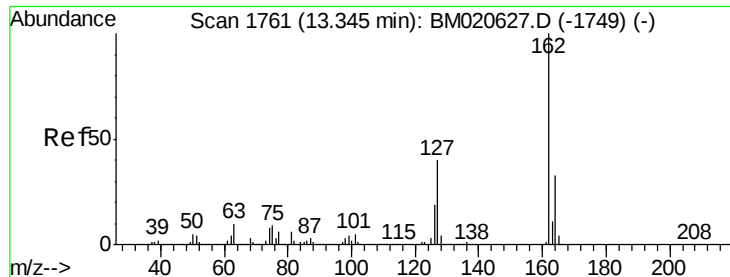
mohammad
6/6/2019 11:21:49 AM



#46
1,1'-Biphenyl
Concen: 40.747 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	12.1	0.0	34.0





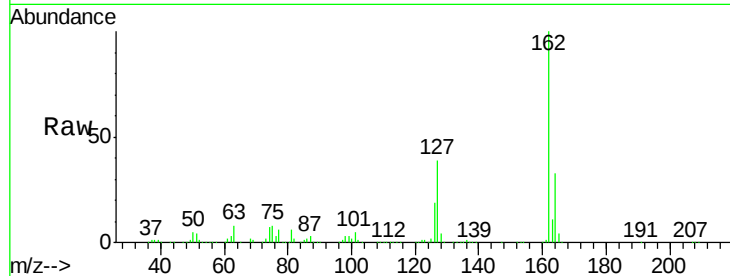
#47
2-Chloronaphthalene
Concen: 40.927 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.1	48.1
164	33.1	26.6	39.8

Manual Integrations
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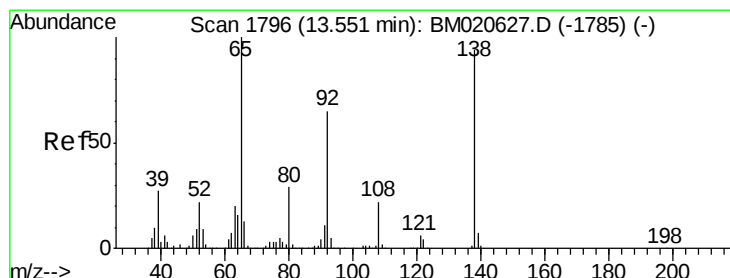
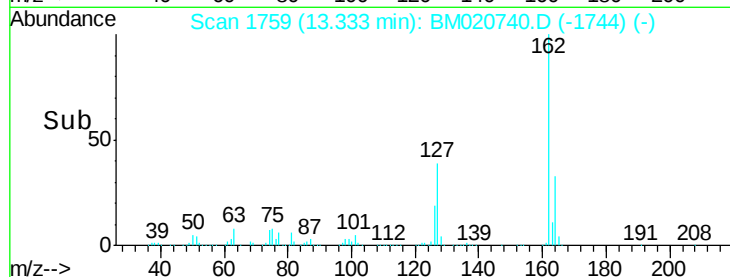
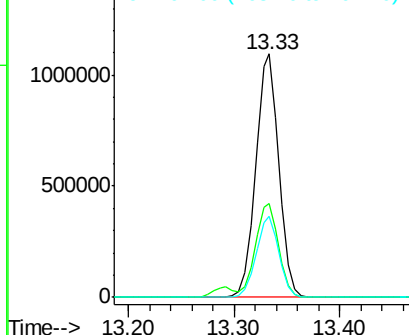


Abundance

Ion 162.00 (161.70 to 162.70): E

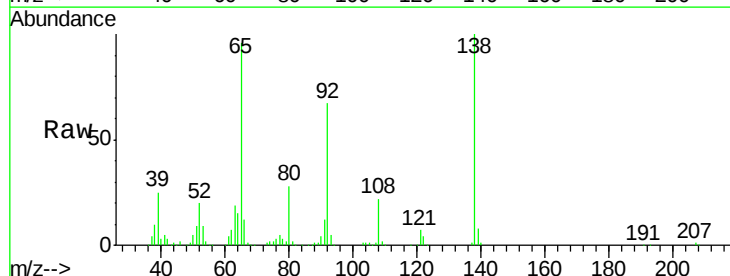
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.947 ng
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	52.2	78.4
138	104.6	75.4	113.0

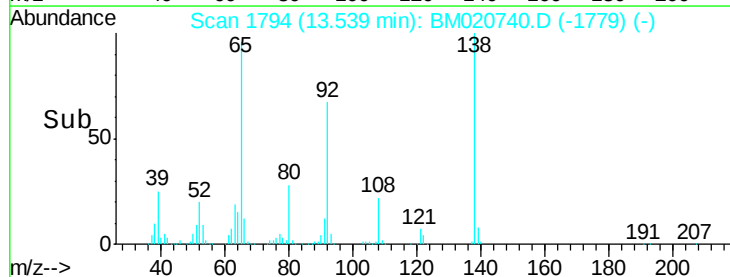
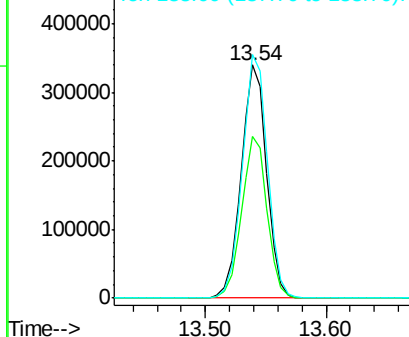


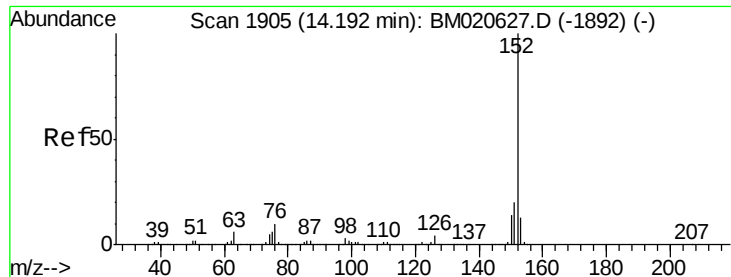
Abundance

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





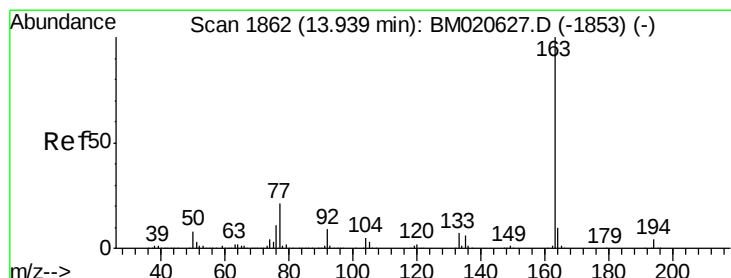
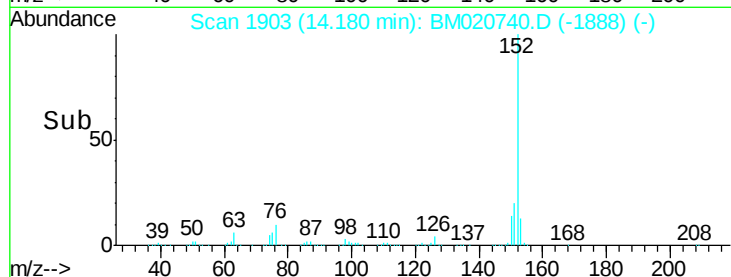
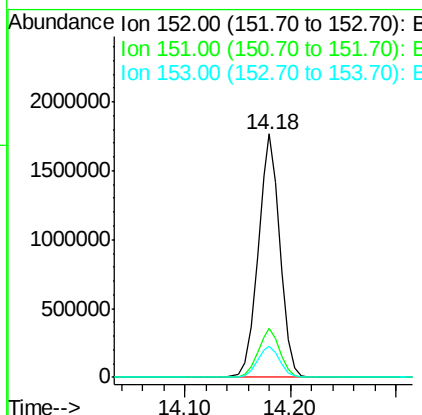
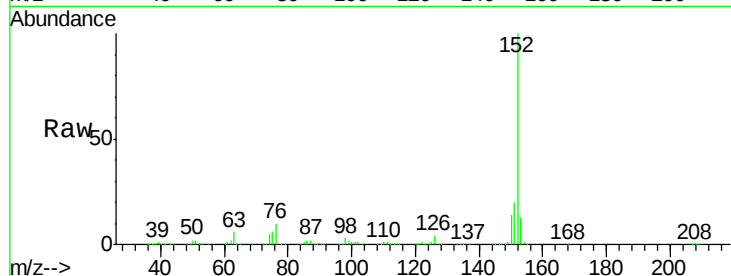
#49
Acenaphthylene
Concen: 39.841 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	12.7	10.6	15.8

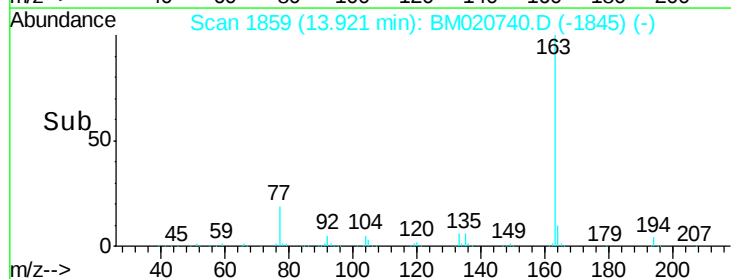
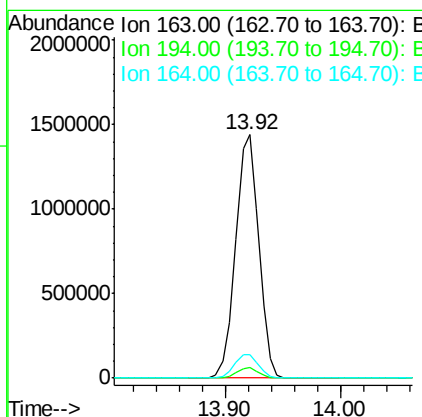
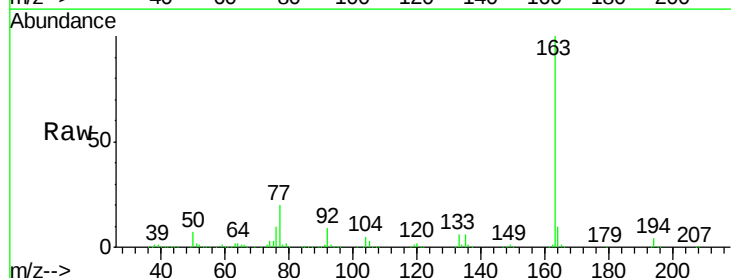
Manual Integrations
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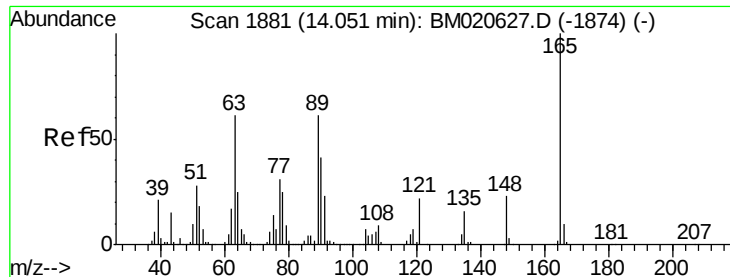
mohammad
6/6/2019 11:21:49 AM



#50
Dimethylphthalate
Concen: 38.667 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	7.9	11.9





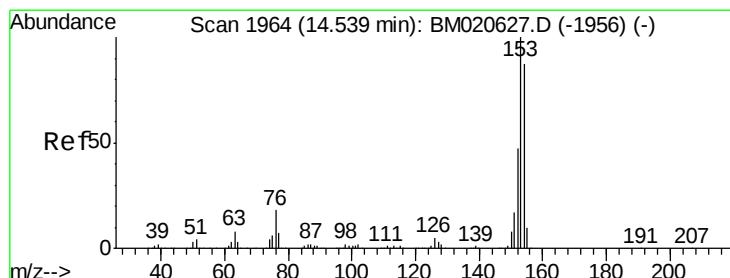
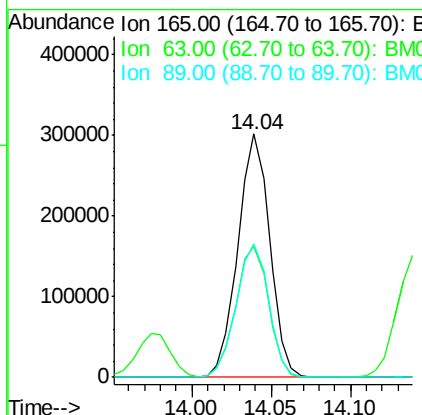
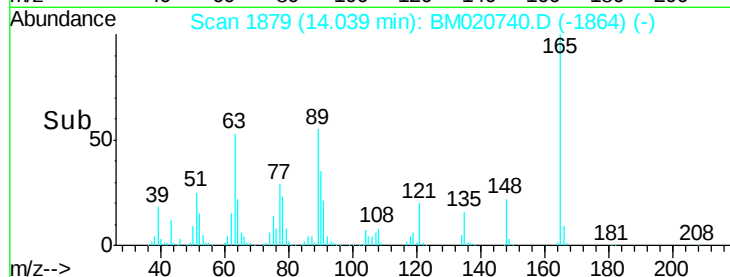
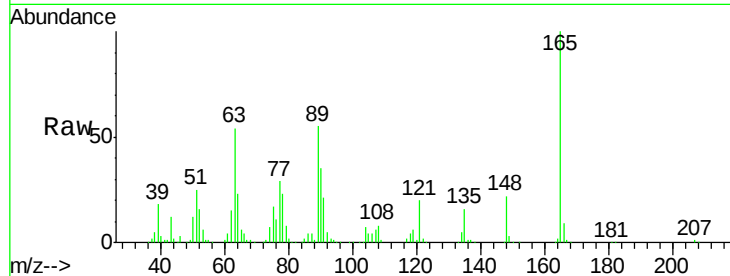
#51
2,6-Dinitrotoluene
Concen: 40.158 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	421301		
63	53.8		50.4	75.6
89	55.0		49.1	73.7

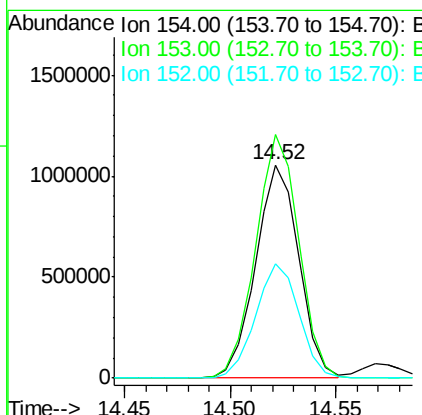
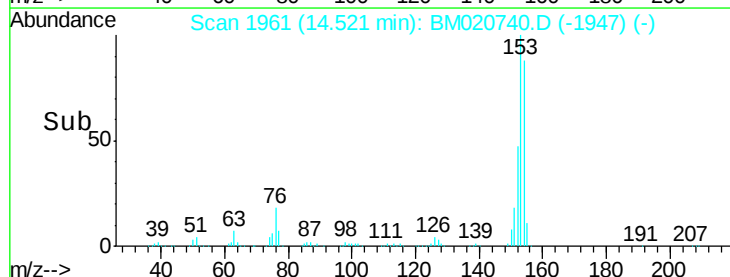
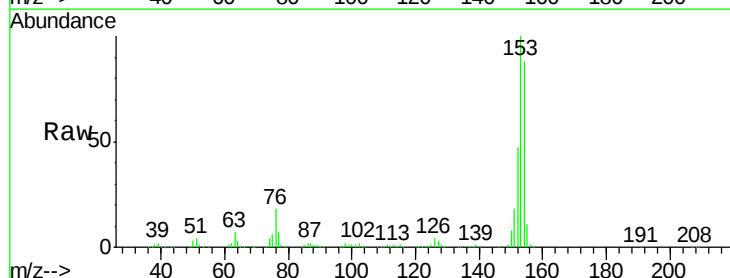
Manual Integrations
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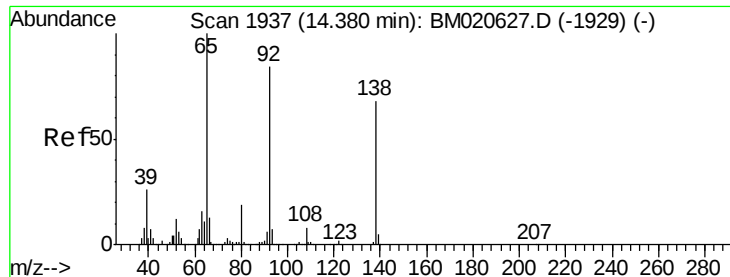
mohammad
6/6/2019 11:21:49 AM



#52
Acenaphthene
Concen: 39.658 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1503198		
153	114.2		92.4	138.6
152	53.5		43.4	65.0





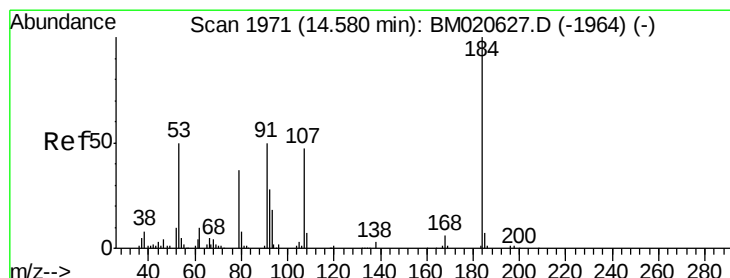
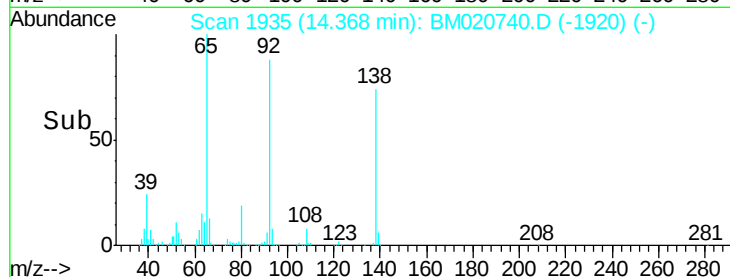
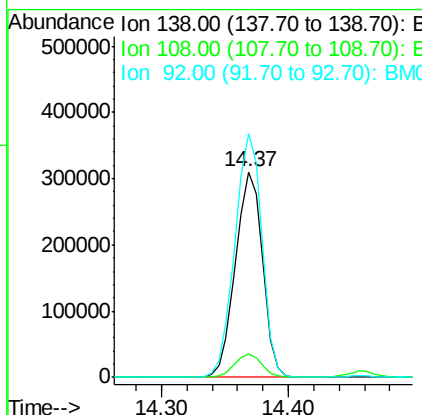
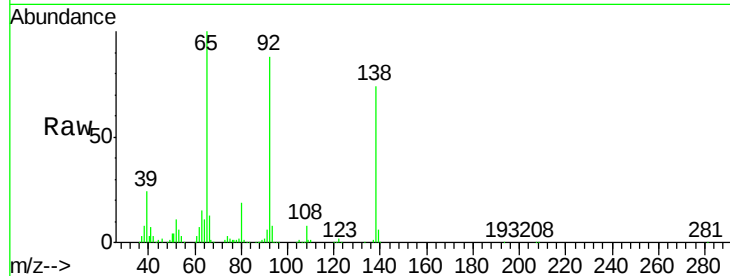
#53
3-Nitroaniline
Concen: 39.035 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.5	14.3
92	118.6	99.6	149.4

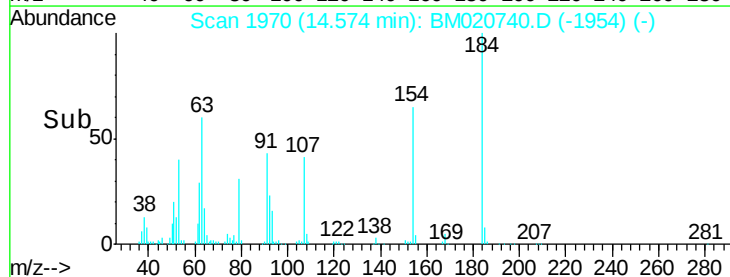
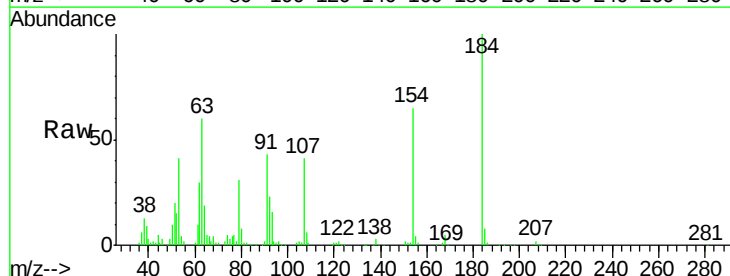
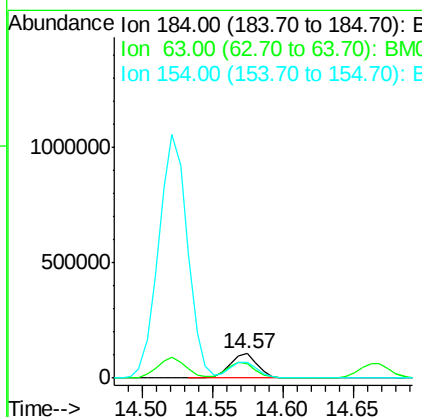
Manual Integrations
APPROVED

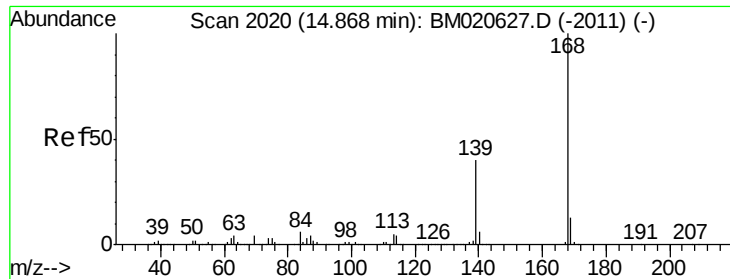
mohammad
6/6/2019 11:21:49 AM



#54
2,4-Dinitrophenol
Concen: 36.884 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	59.3	88.9
154	65.2	56.5	84.7





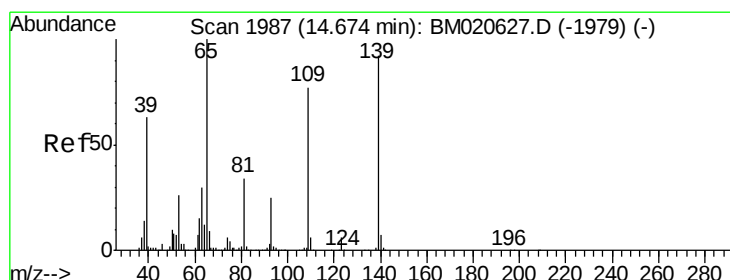
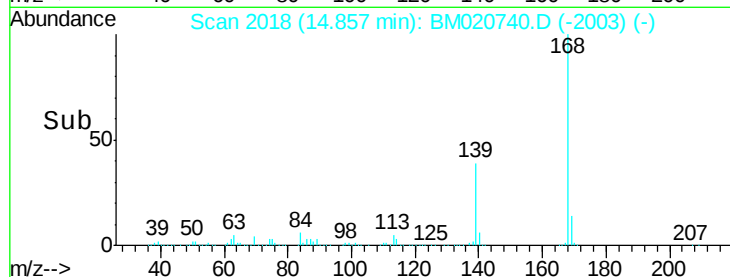
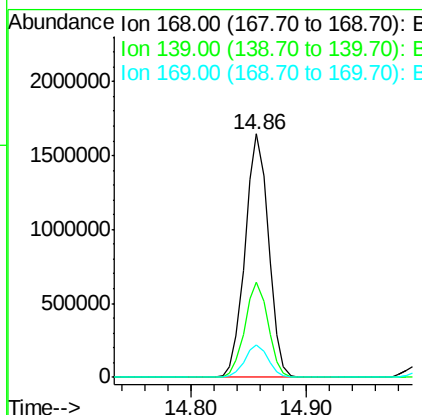
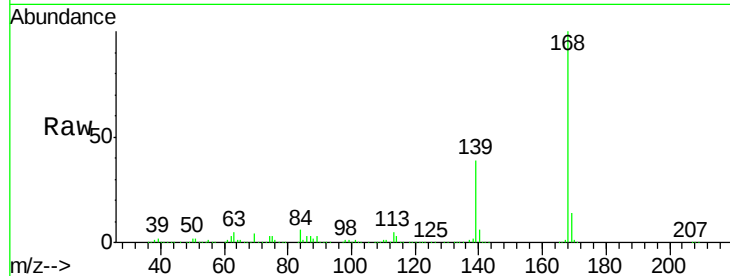
#55
Dibenzenofuran
Concen: 39.542 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.9	47.9
169	13.5	10.7	16.1

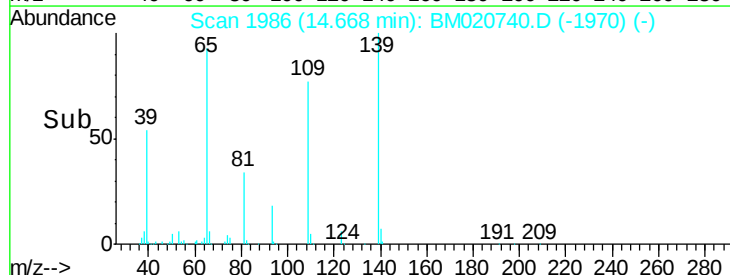
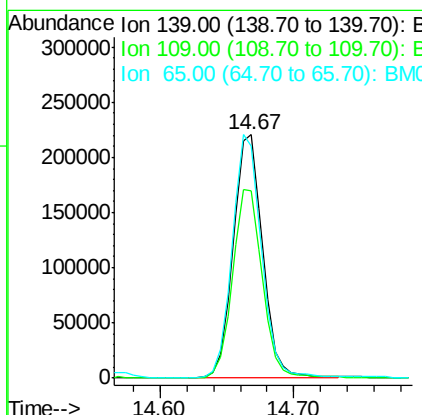
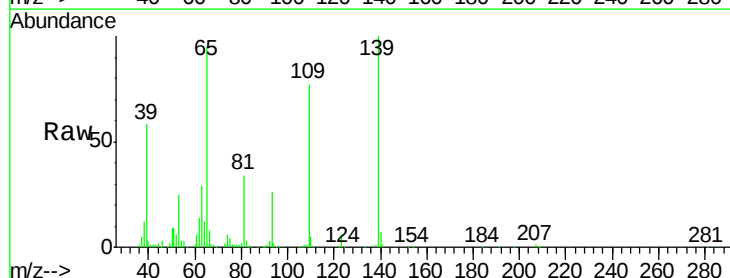
Manual Integrations
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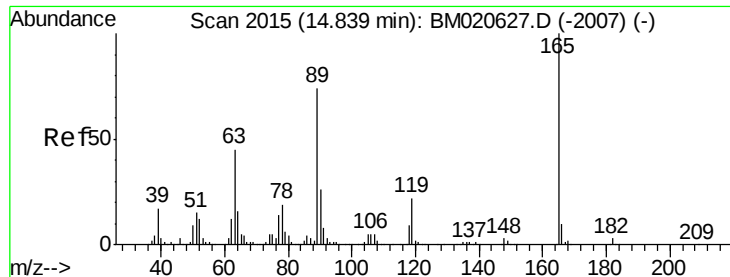
mohammad
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#56
4-Nitrophenol
Concen: 39.281 ng
RT: 14.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	62.7	102.7
65	95.4	88.3	128.3





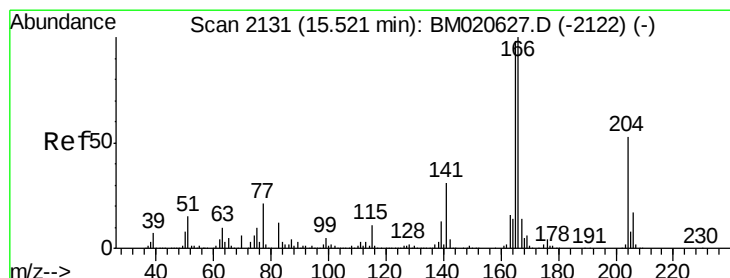
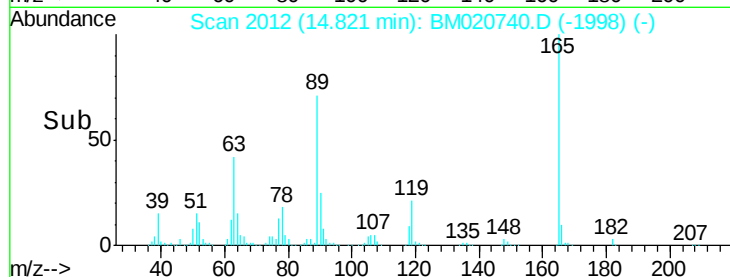
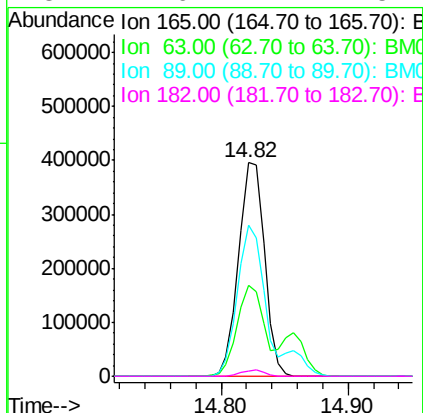
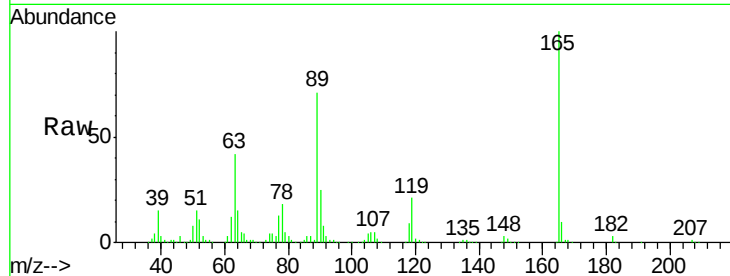
#57
 2,4-Dinitrotoluene
 Concen: 40.121 ng
 RT: 14.82 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		563580		
63	42.4	36.3	54.5		
89	70.7	59.0	88.6		
182	2.6	2.2	3.4		

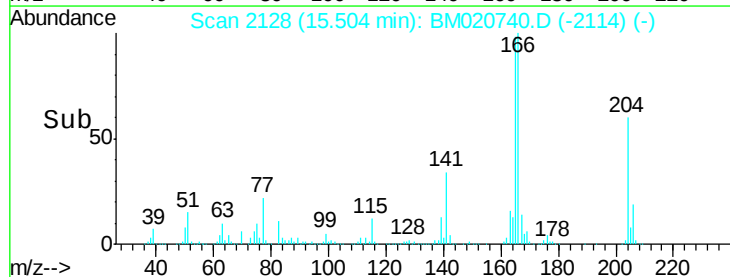
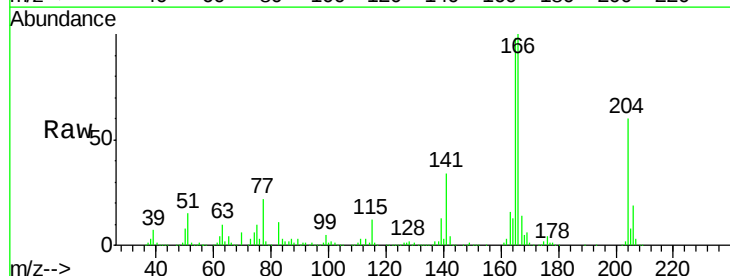
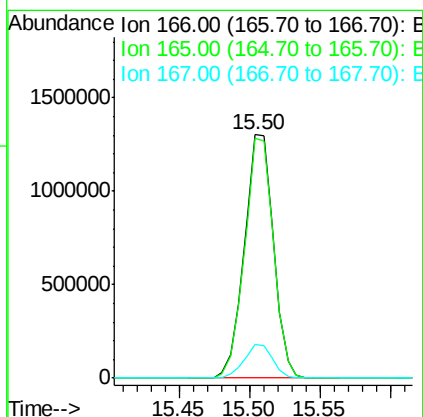
Manual Integrations
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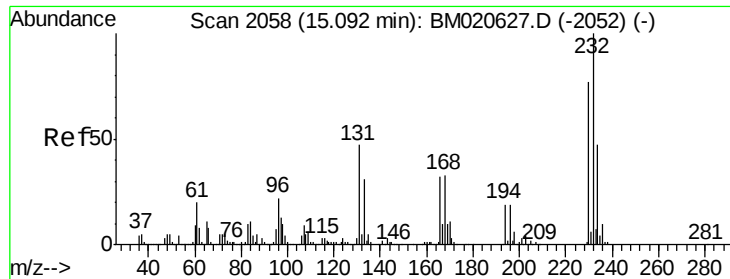
mohammad
 6/6/2019 11:21:49 AM



#58
 Fluorene
 Concen: 38.851 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1880853		
165	98.4	78.6	117.8		
167	13.7	11.0	16.4		





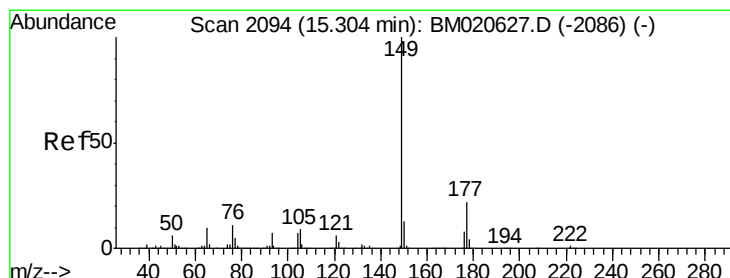
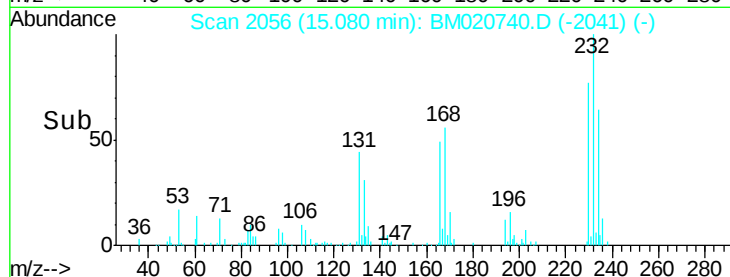
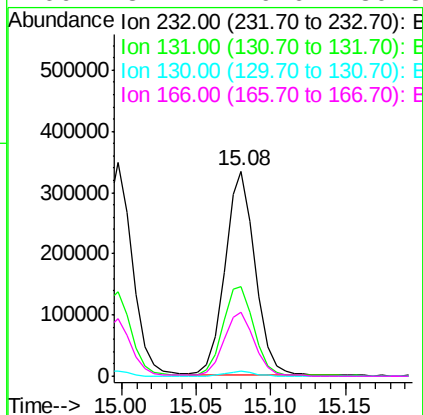
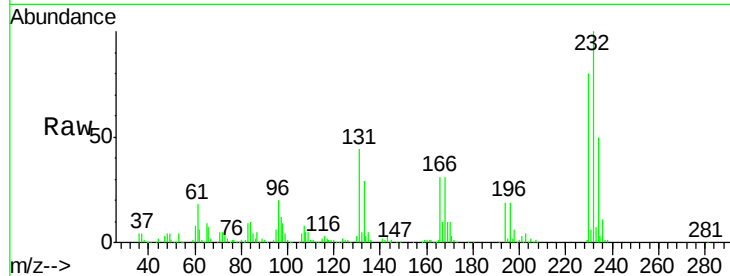
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.962 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		470081		
131	45.7	38.6	57.8		
130	2.6	2.2	3.2		
166	32.2	26.6	39.8		

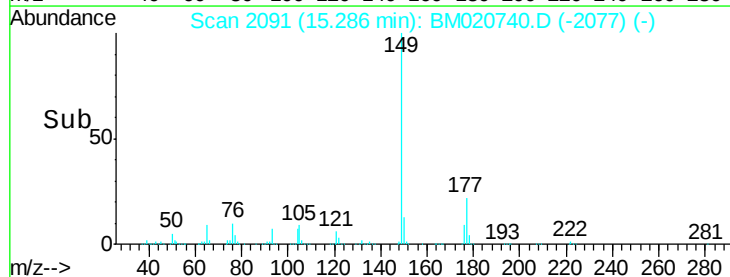
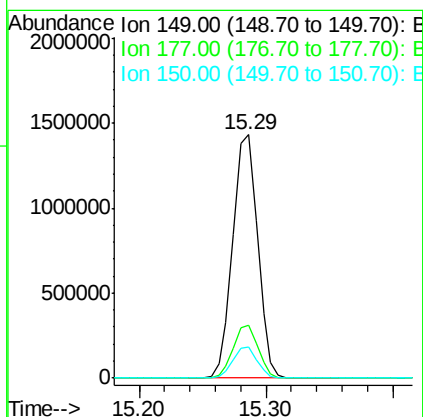
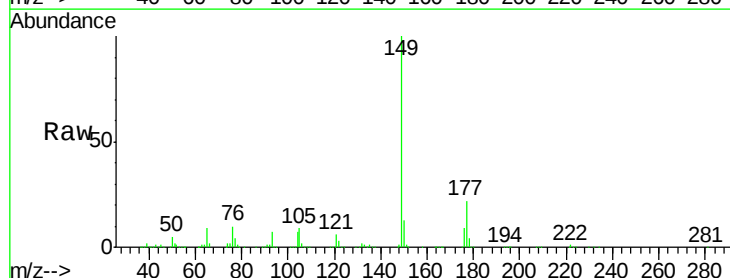
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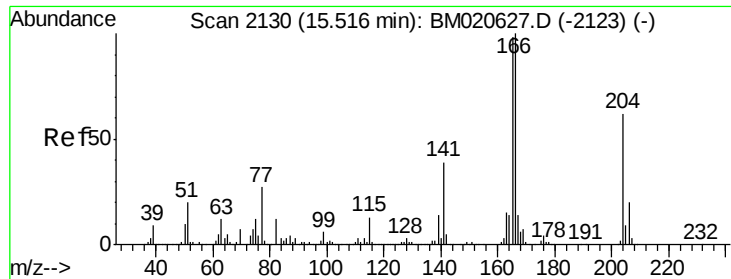
mohammad
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#60
 Diethylphthalate
 Concen: 36.519 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1945959		
177	21.9	17.2	25.8		
150	12.6	10.1	15.1		





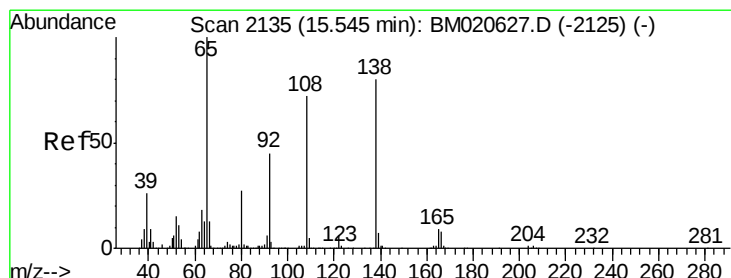
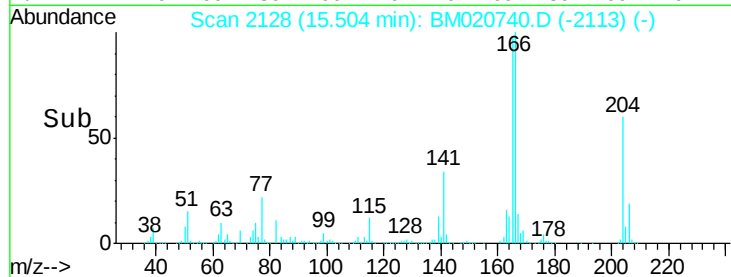
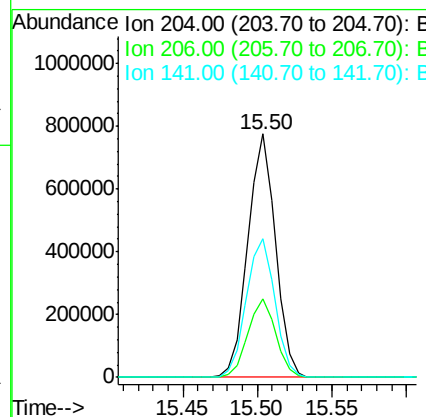
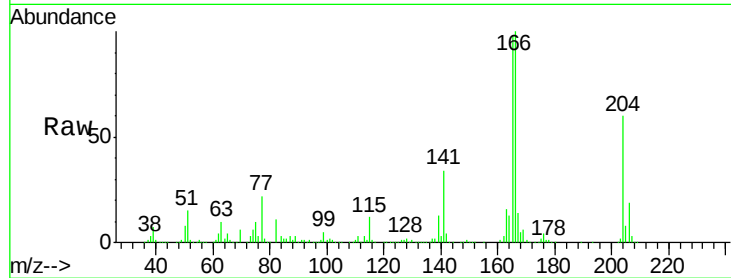
#61
 4-Chlorophenyl-phenylether
 Concen: 38.664 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	57.1	50.2	75.4

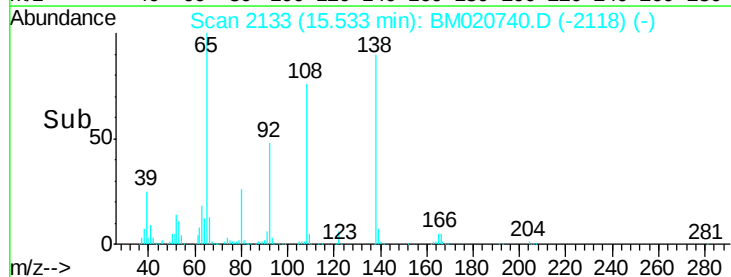
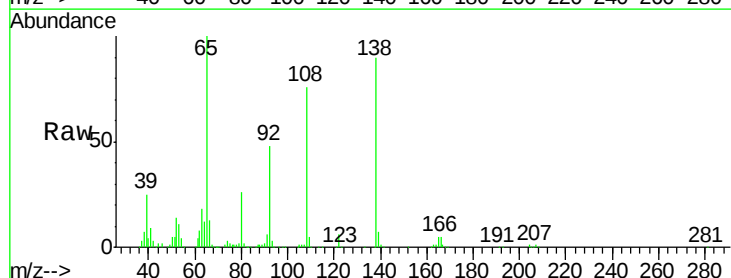
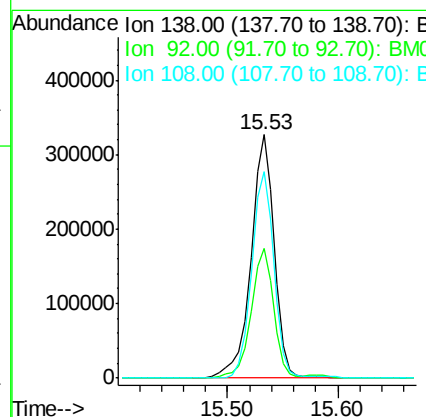
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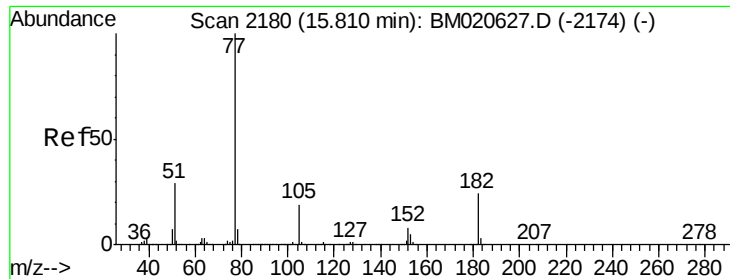
mohammad
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#62
 4-Nitroaniline
 Concen: 38.921 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.3	36.7	76.7
108	84.8	70.3	110.3





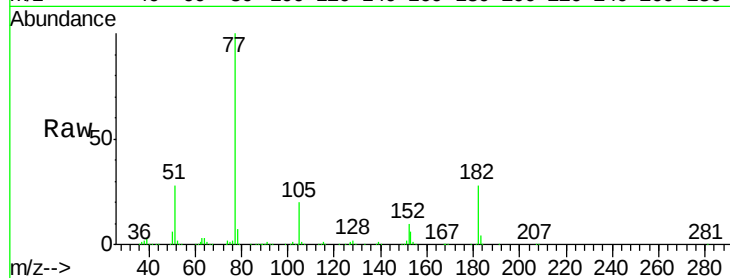
#63
Azobenzene
Concen: 35.212 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	3.6	43.6
105	20.0	0.0	39.4
51	27.8	9.5	49.5

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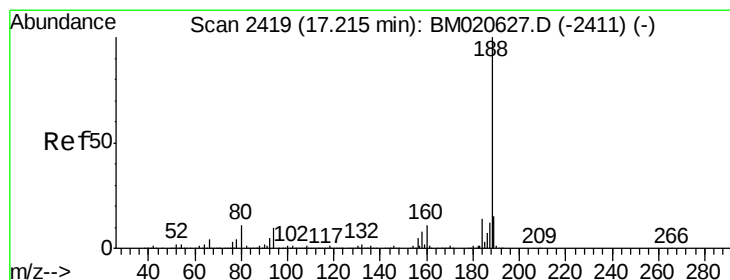
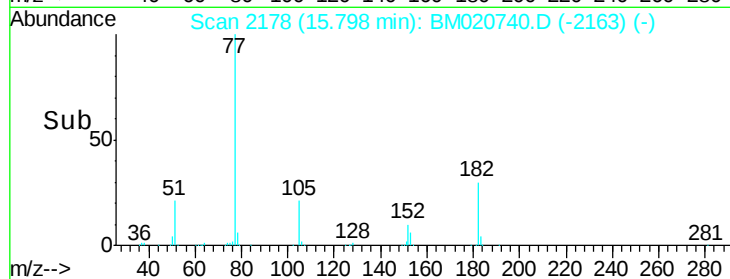
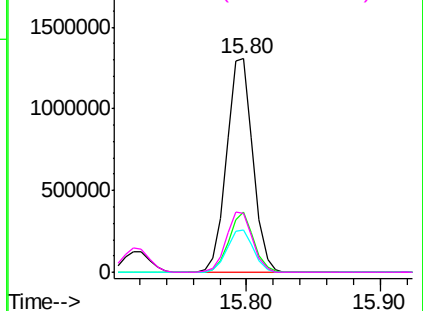


Abundance Ion 77.00 (76.70 to 77.70): BM020740.D (-2163) (-)

Ion 182.00 (181.70 to 182.70): BM020740.D (-2163) (-)

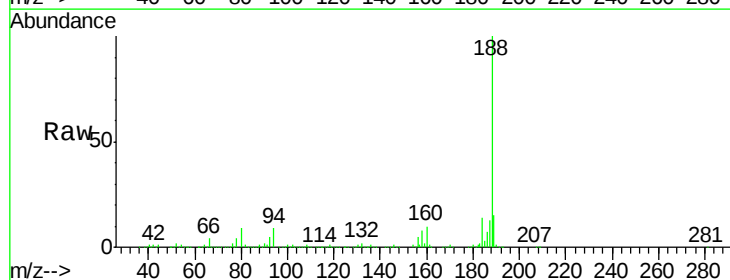
Ion 105.00 (104.70 to 105.70): BM020740.D (-2163) (-)

Ion 51.00 (50.70 to 51.70): BM020740.D (-2163) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

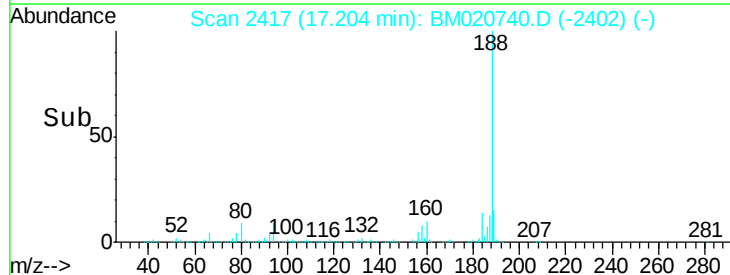
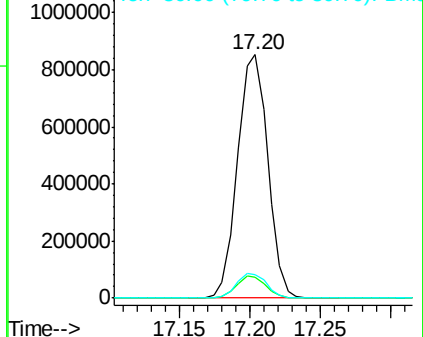
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.8
80	9.4	9.0	13.6

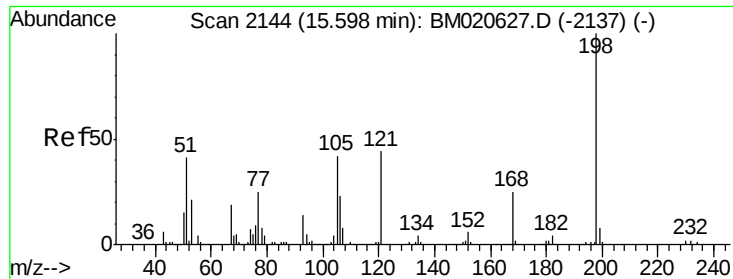


Abundance Ion 188.00 (187.70 to 188.70): BM020740.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BM020740.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020740.D (-2402) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 38.673 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 212532

Ion Ratio Lower Upper

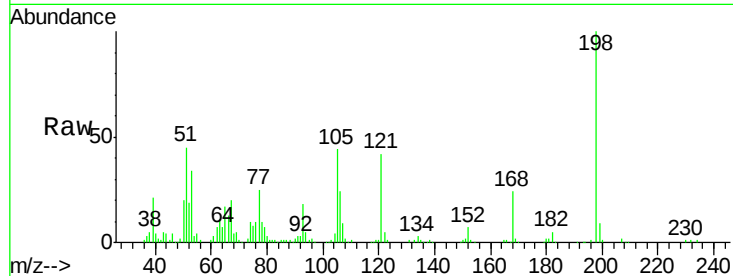
198 100

51 44.7 27.7 67.7

105 43.7 23.8 63.8

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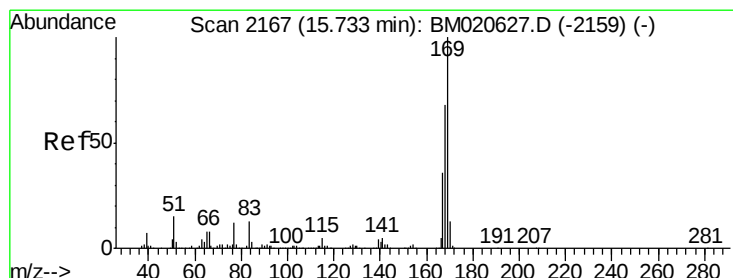
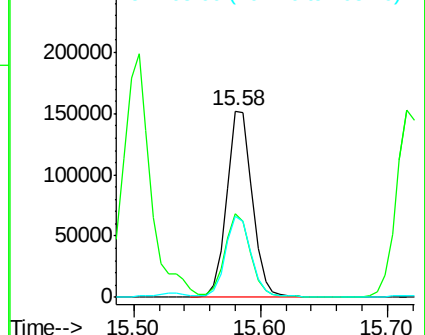
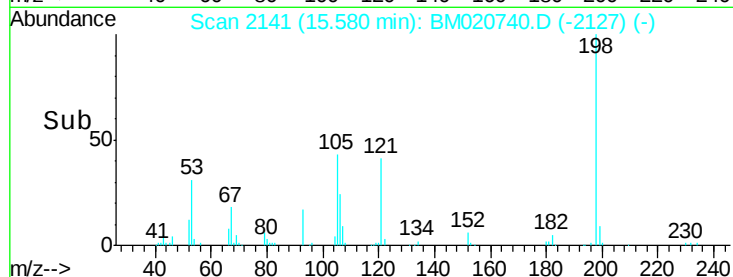
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.276 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

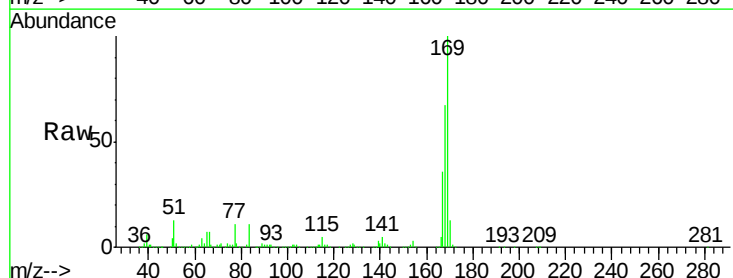
Tgt Ion:169 Resp: 1605534

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.4

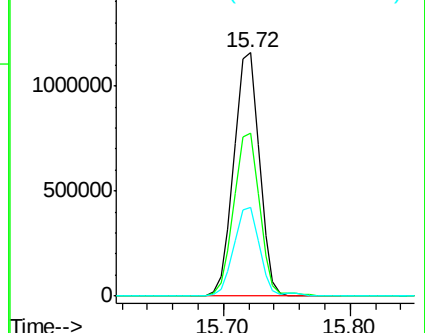
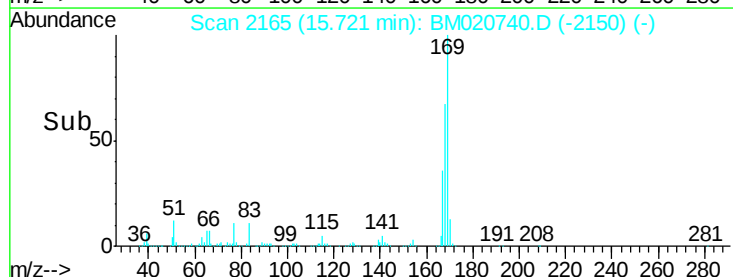
167 36.2 29.1 43.7

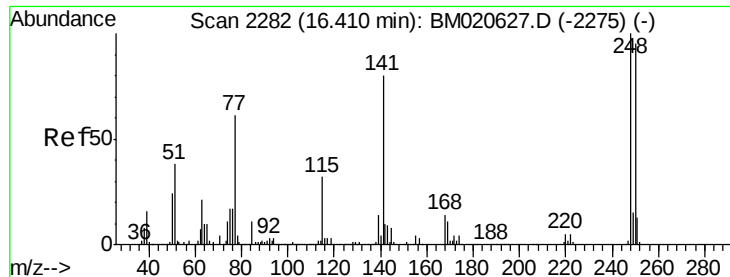


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.778 ng

RT: 16.40 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

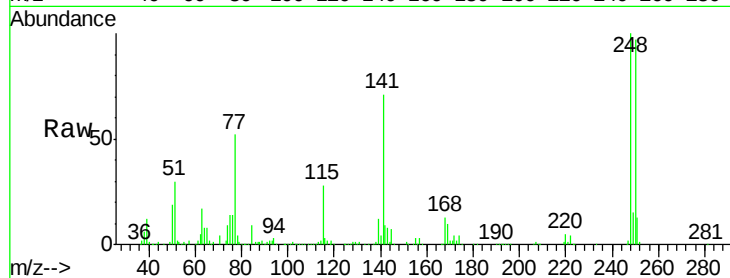
ClientSampleId :

SSTDCCC040

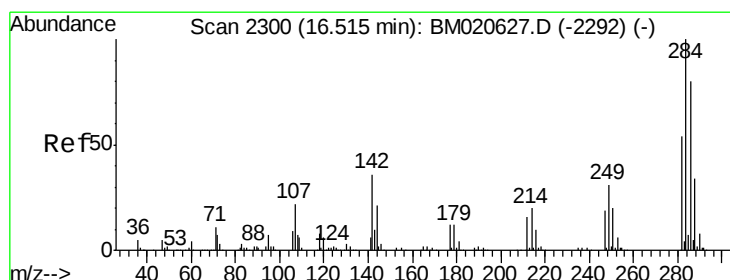
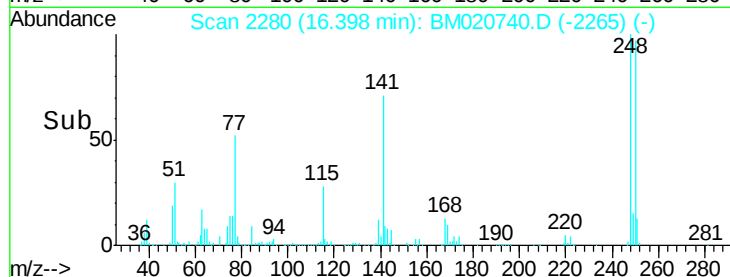
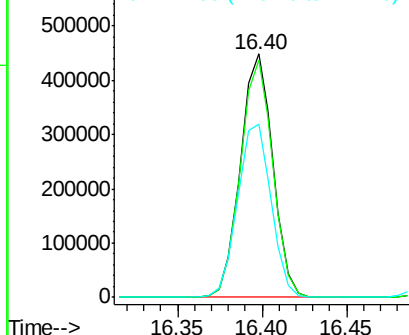
Tot Ion:	248	Resp:	598057
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.3	114.5
141	70.9	64.2	96.2

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.658 ng

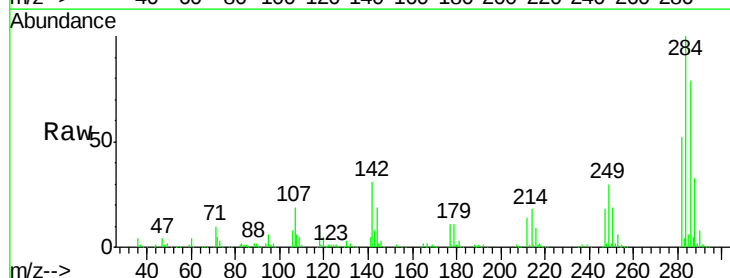
RT: 16.50 min Scan# 2298

Delta R.T. -0.01 min

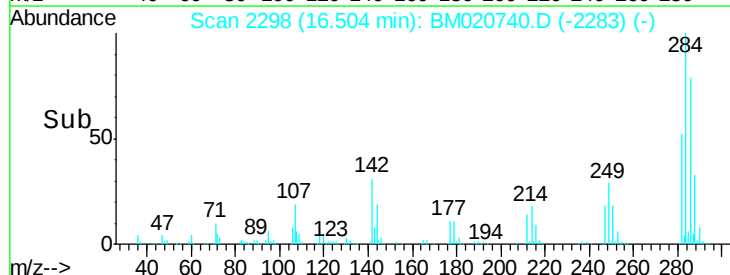
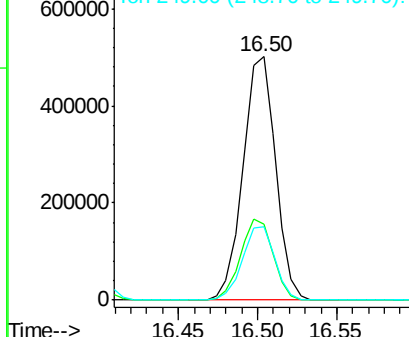
Lab File: BM020740.D

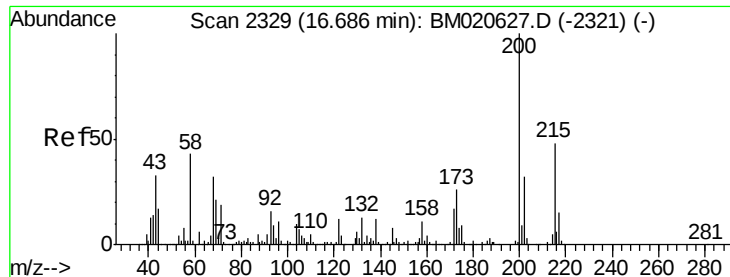
Acq: 05 Jun 2019 17:21

Tgt Ion:	284	Resp:	713799
Ion Ratio	Lower	Upper	
284	100		
142	31.3	28.6	42.8
249	30.0	25.0	37.4



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





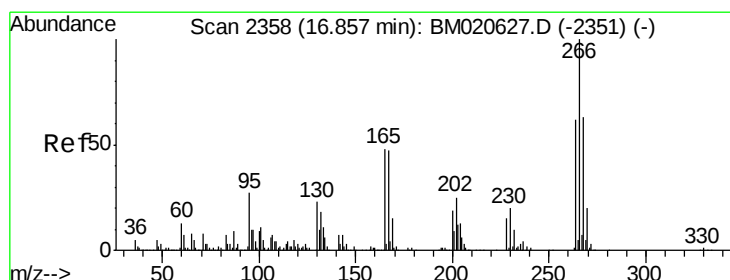
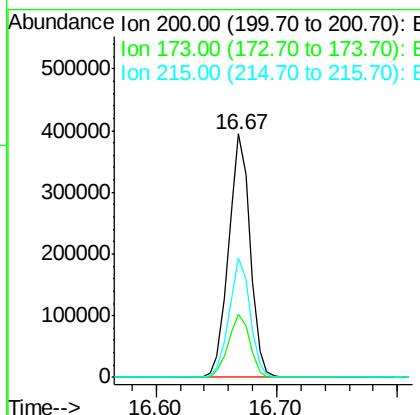
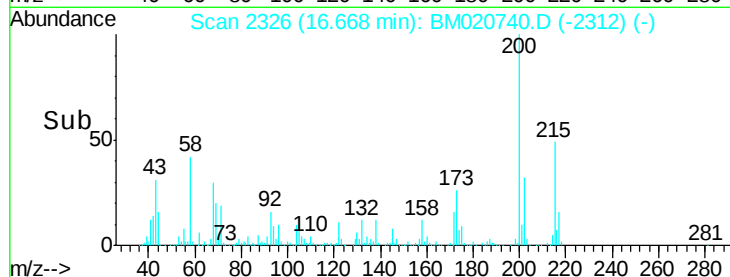
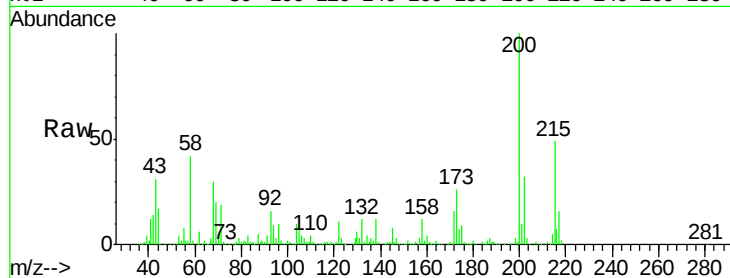
#69
Atrazine
Concen: 39.985 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.9	6.2	46.2	
215	49.2	27.7	67.7	

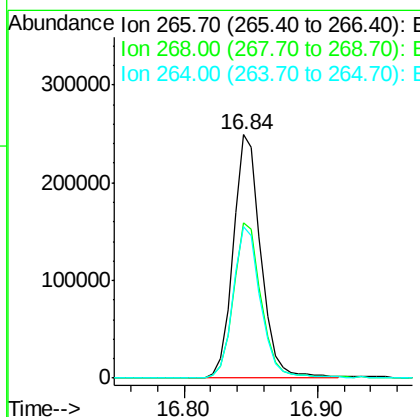
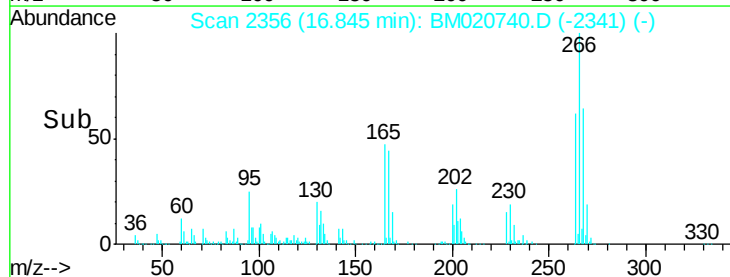
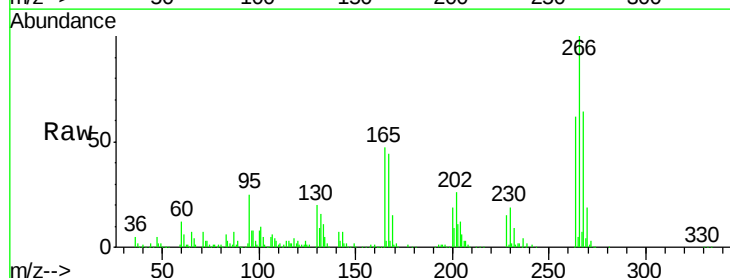
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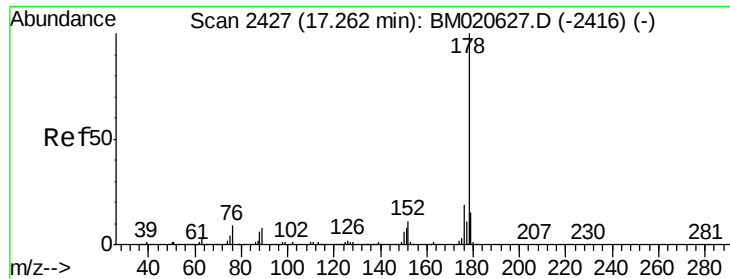
mohammad
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#70
Pentachlorophenol
Concen: 42.770 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.8	50.6	75.8	
264	62.3	49.6	74.4	





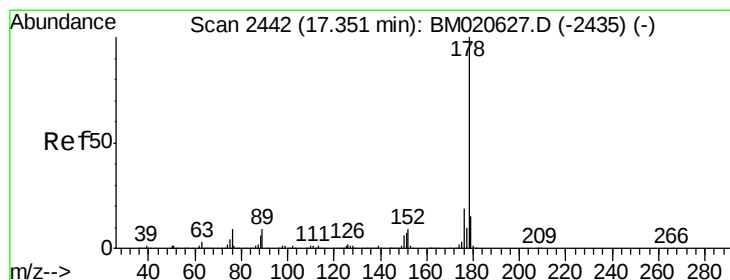
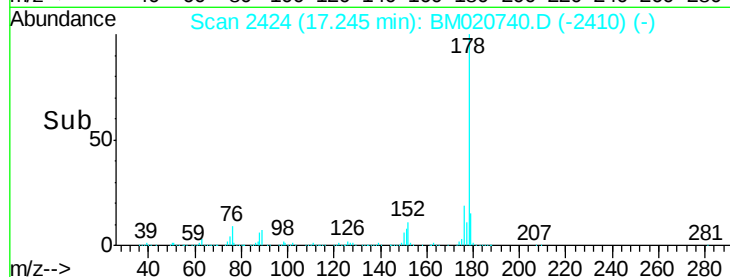
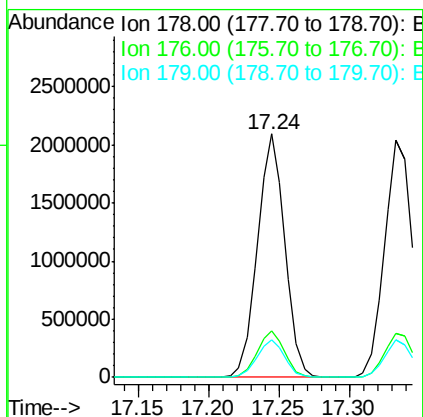
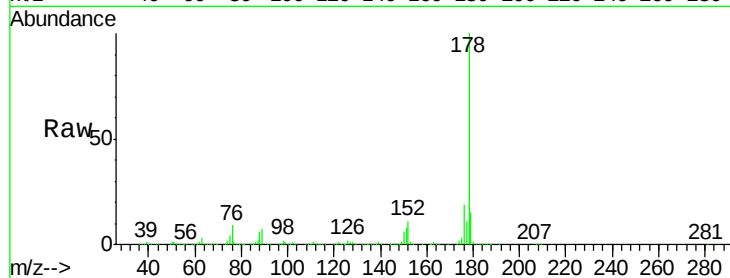
#71
Phenanthrene
Concen: 39.462 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.2	18.4

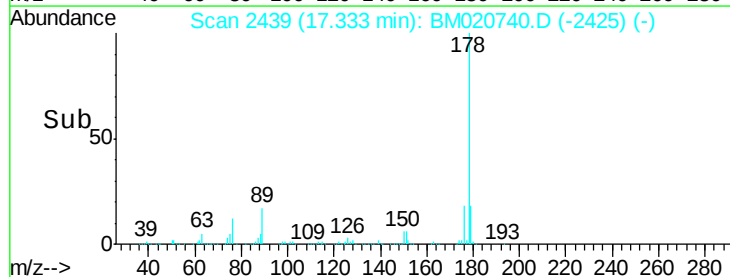
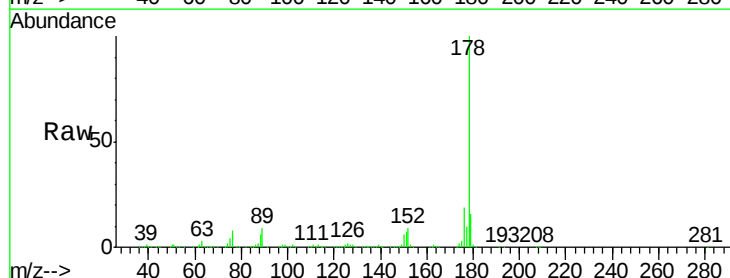
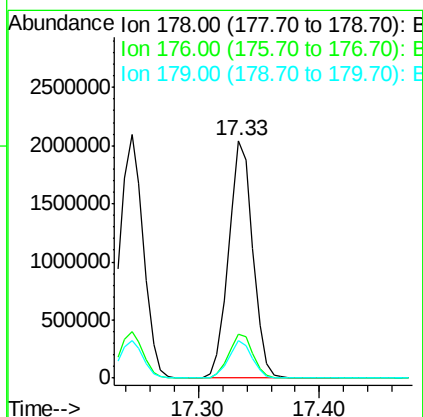
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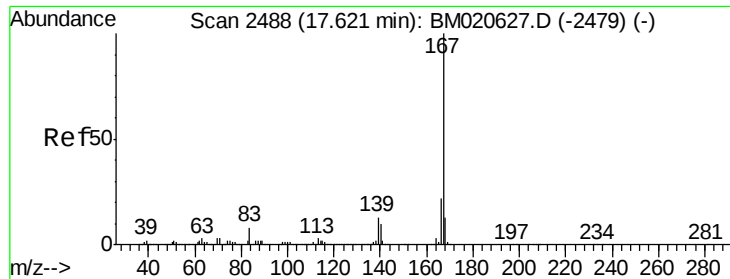
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#72
Anthracene
Concen: 39.028 ng
RT: 17.33 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.7	12.3	18.5





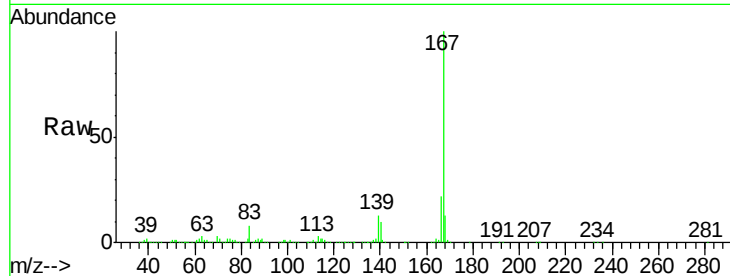
#73
 Carbazole
 Concen: 38.757 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.9	10.6	15.8

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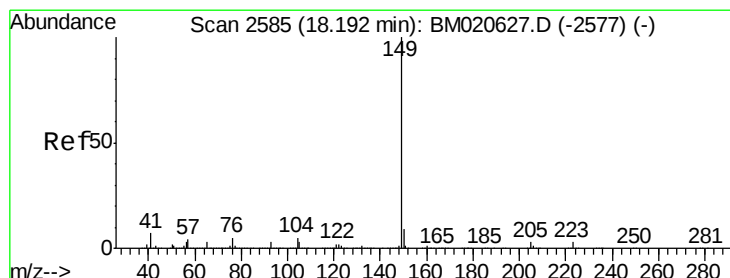
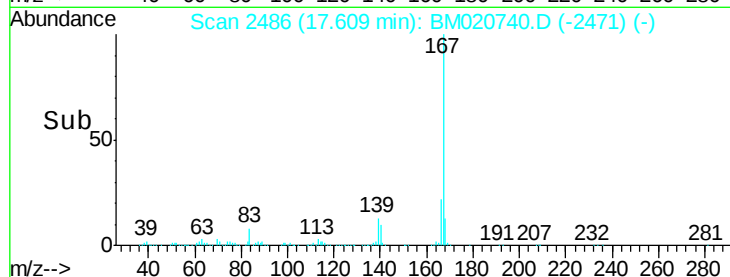
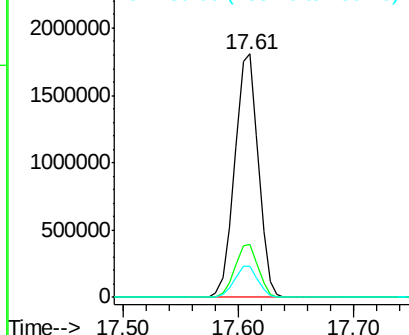


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 35.691 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

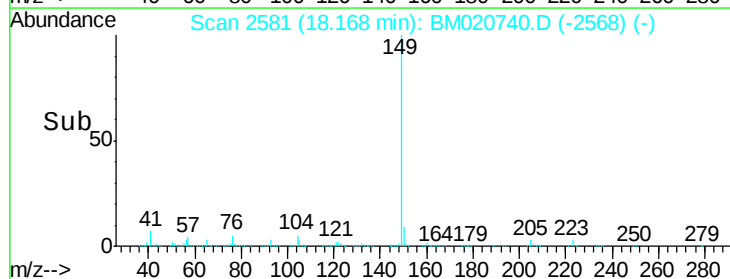
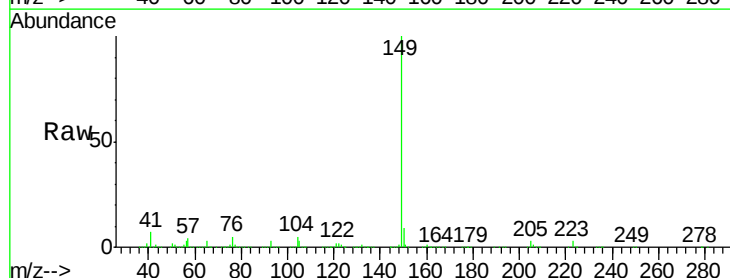
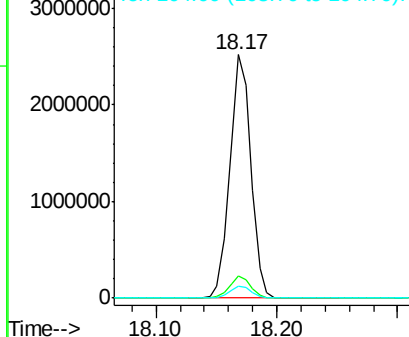
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.1	4.2	6.2

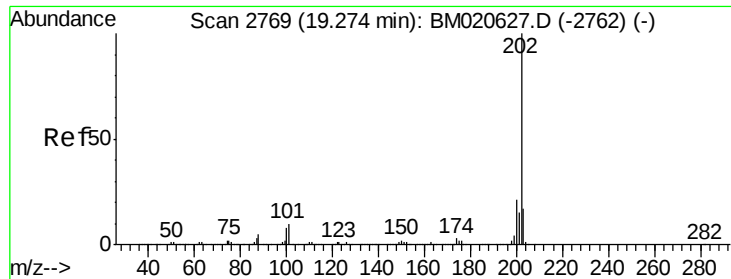
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.348 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

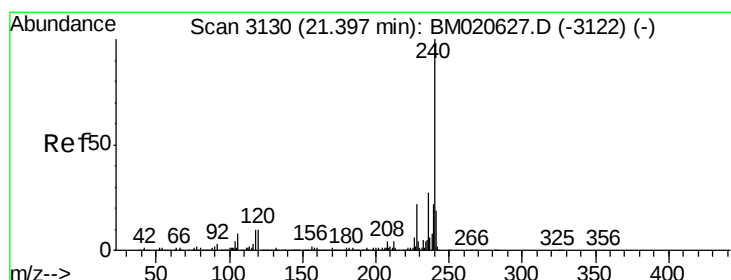
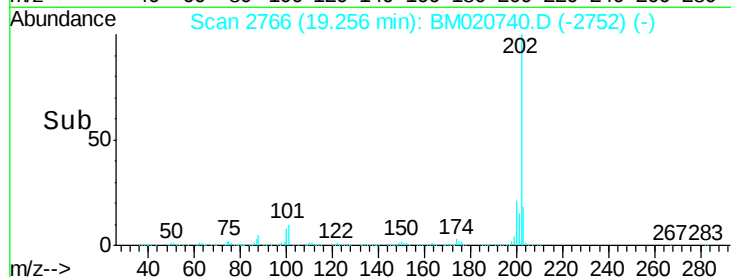
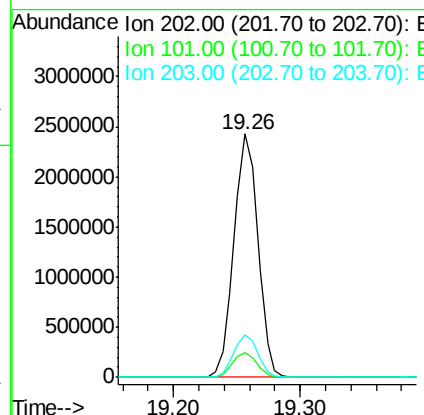
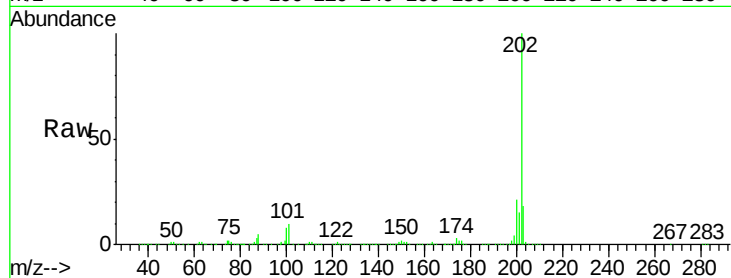
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	3167263
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.6	0.0	37.3

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

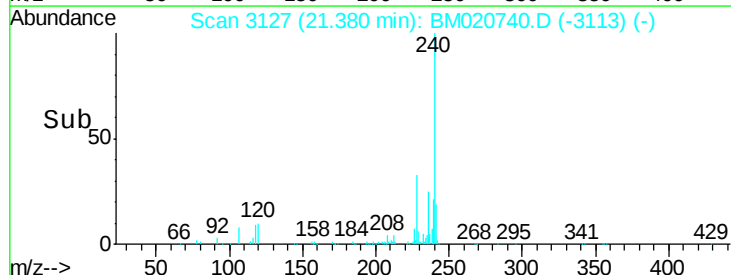
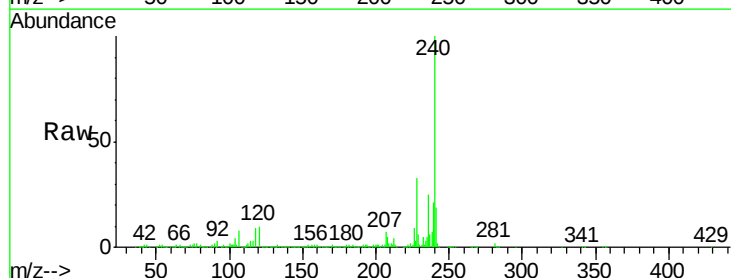
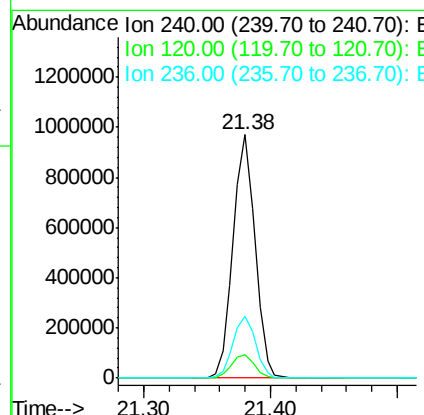
RT: 21.38 min Scan# 3127

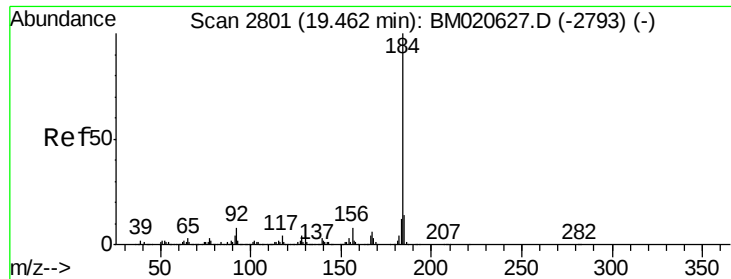
Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Tgt Ion:	240	Resp:	1162894
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.5	21.2	31.8





#77

Benzidine

Concen: 38.546 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1358232

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

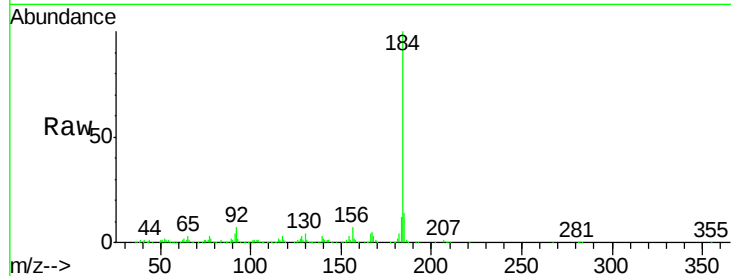
183 11.8 9.8 14.6

Manual Integrations

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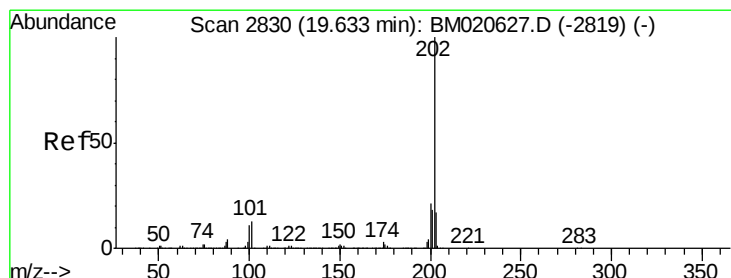
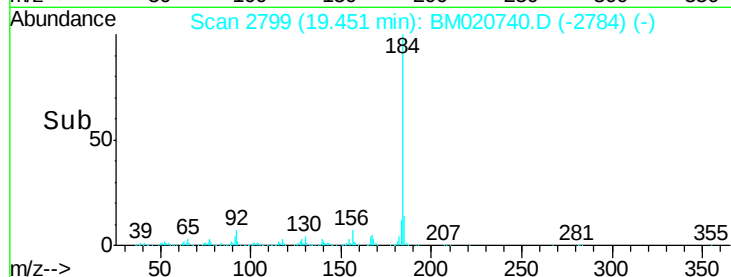
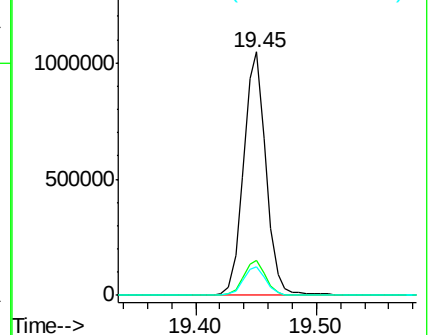
6/6/2019 11:21:49 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.856 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

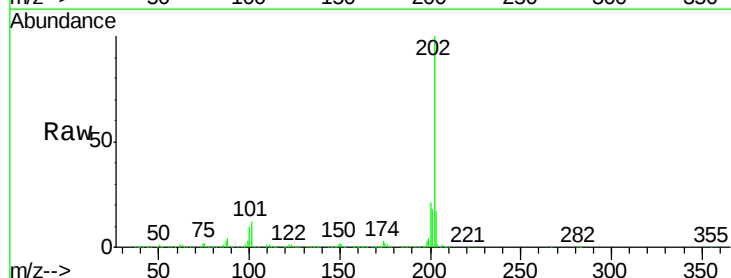
Tgt Ion:202 Resp: 3288947

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

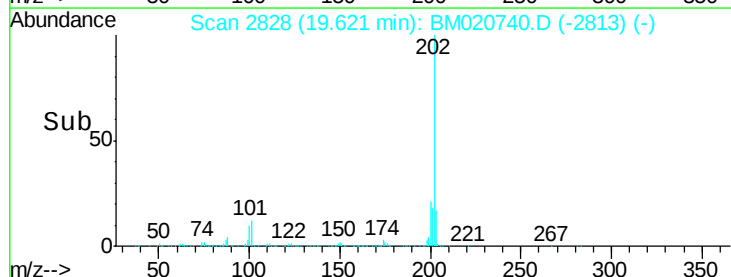
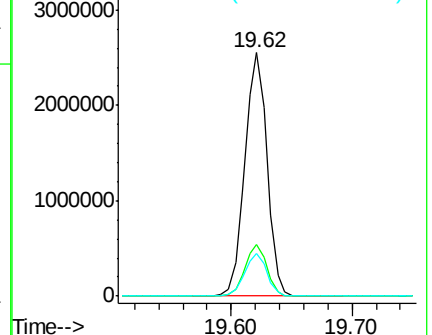
203 17.5 13.9 20.9

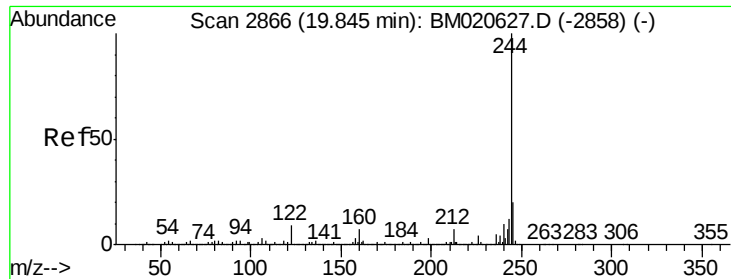


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





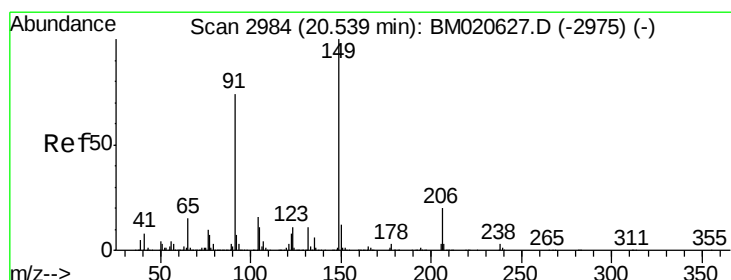
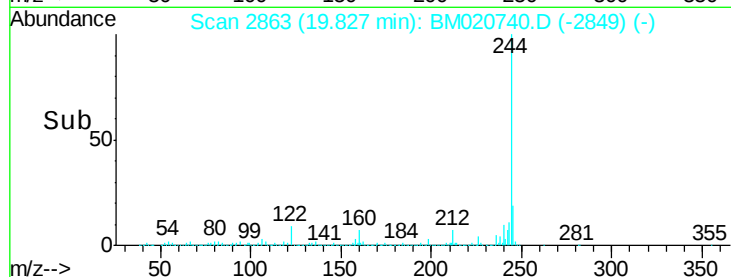
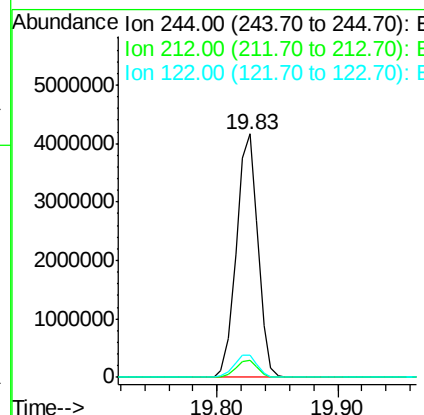
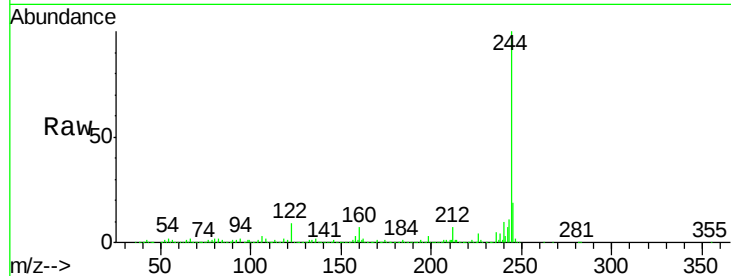
#79
 Terphenyl-d14
 Concen: 74.217 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 5159896
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.9 7.2 10.8

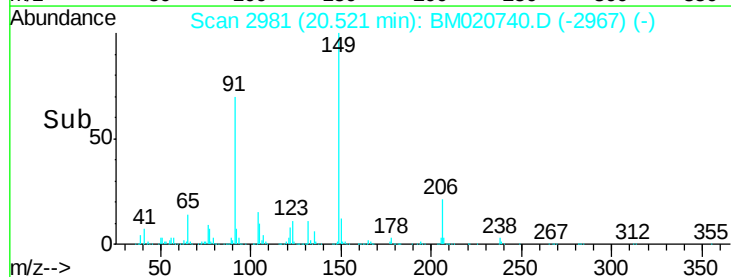
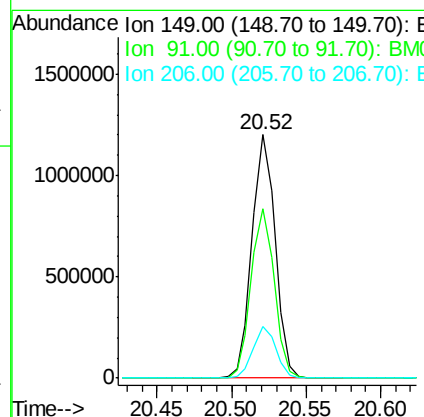
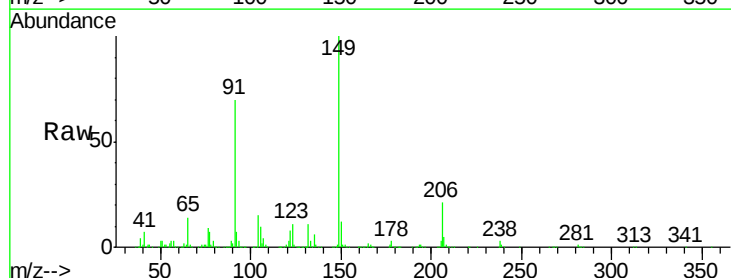
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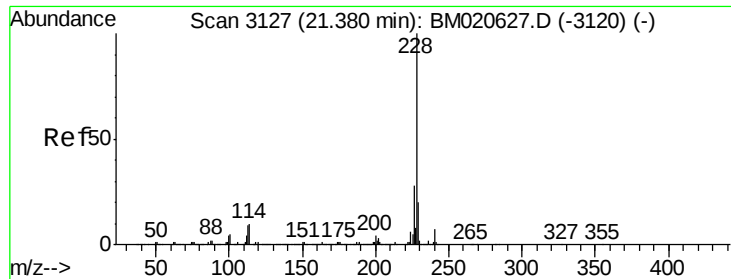
mohammad
 6/6/2019 11:21:49 AM



#80
 Butylbenzylphthalate
 Concen: 34.198 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Tgt Ion:149 Resp: 1289694
 Ion Ratio Lower Upper
 149 100
 91 69.6 59.6 89.4
 206 21.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.419 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 3192273

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.7	15.9	23.9

228 100

226 27.6 22.3 33.5

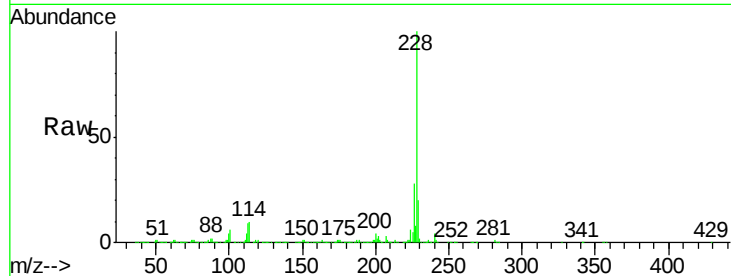
229 19.7 15.9 23.9

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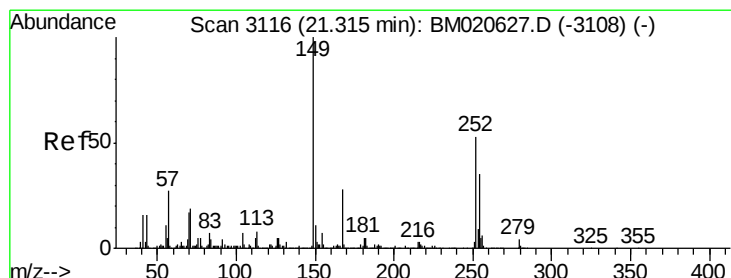
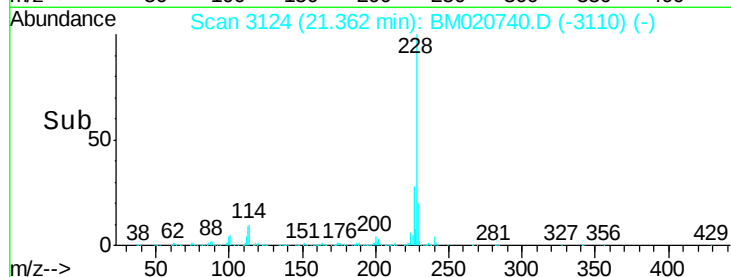
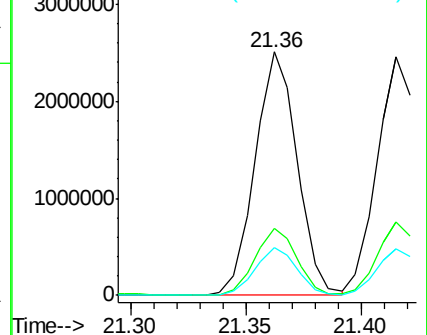
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.774 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

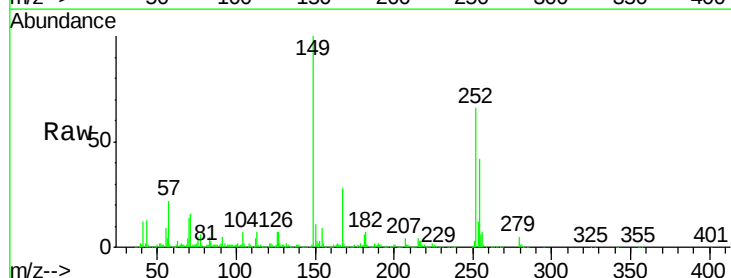
Tgt Ion:252 Resp: 1209144

Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	10.0	8.0	12.0

252 100

254 63.8 52.6 78.8

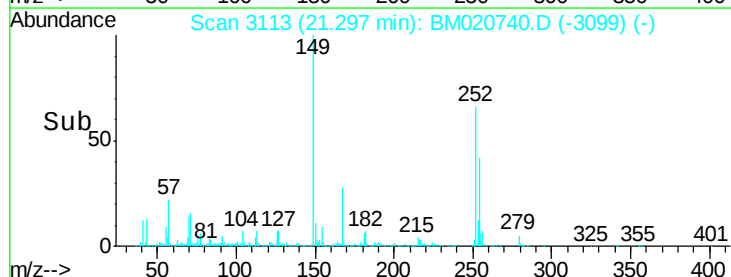
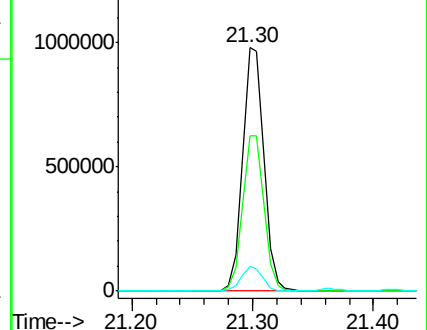
126 10.0 8.0 12.0

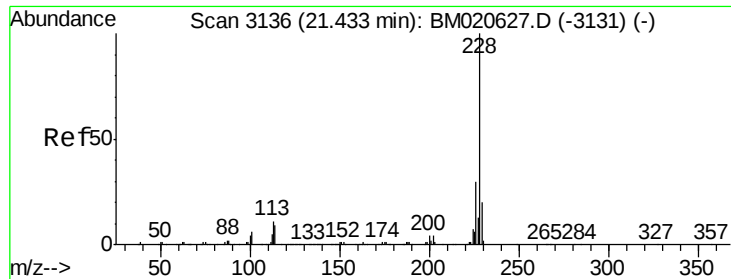


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





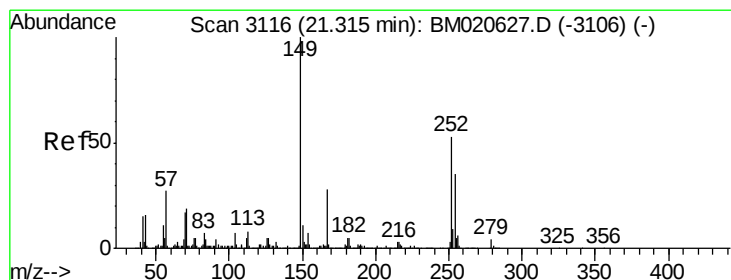
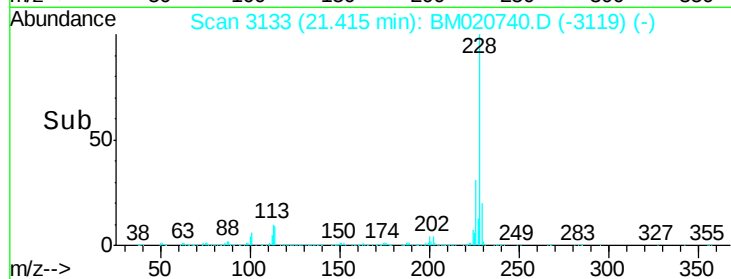
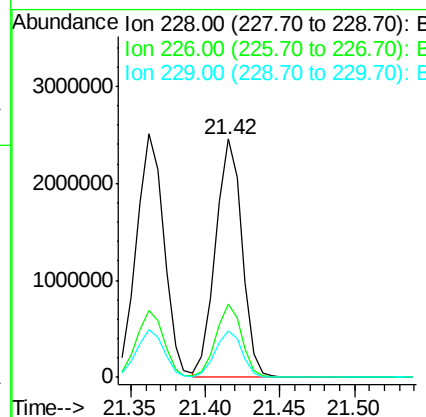
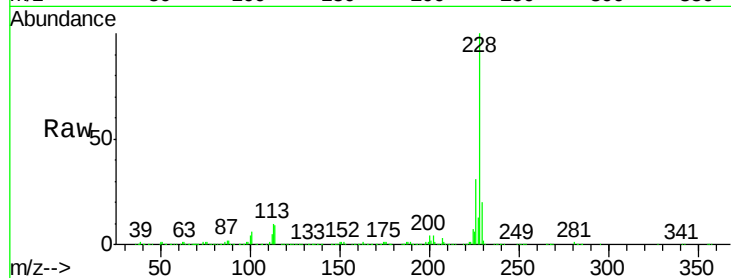
#83
 Chrysene
 Concen: 39.607 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	19.7	15.8	23.6

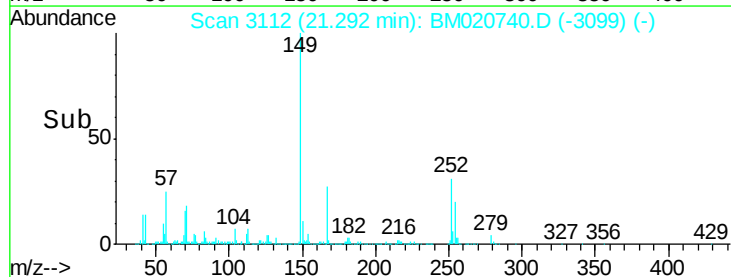
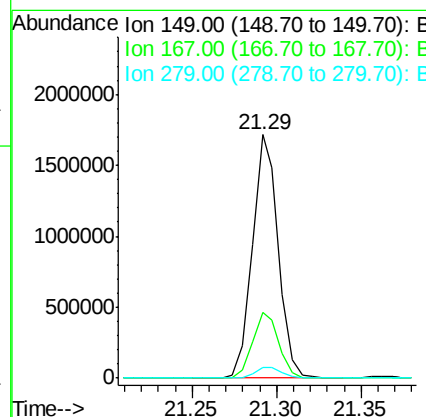
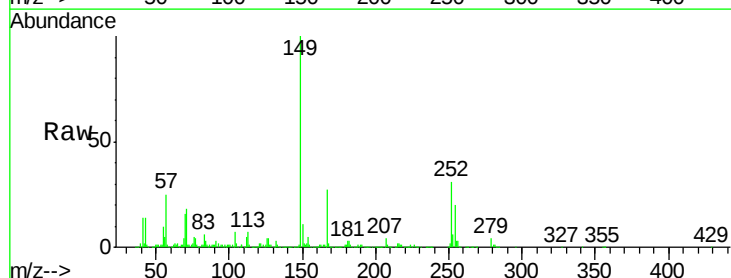
Manual Integrations
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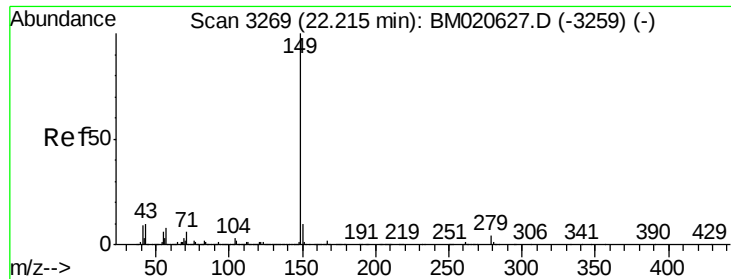
mohammad
 6/6/2019 11:21:49 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.130 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BM020740.D
 Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	4.4	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 34.304 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.03 min

Lab File: BM020740.D

Acq: 05 Jun 2019 17:21

Instrument :

BNA_M

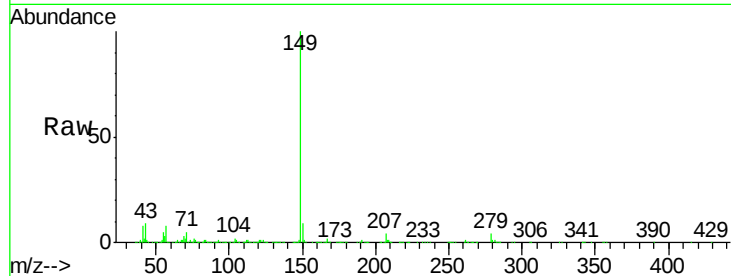
ClientSampleId :

SSTDCCC040

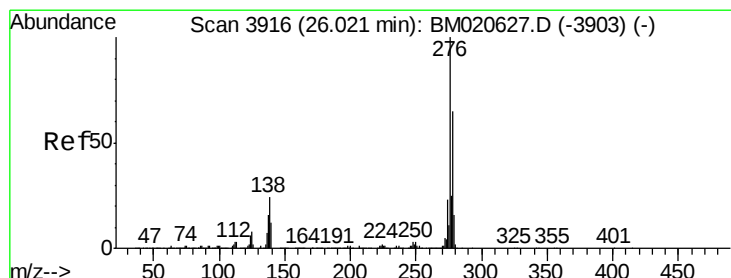
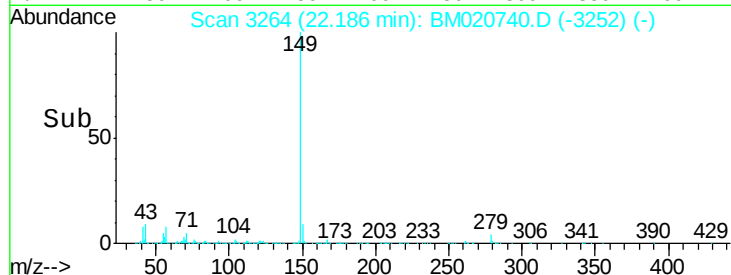
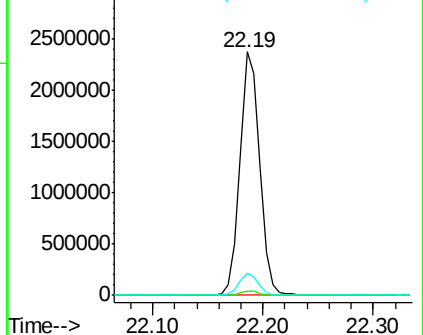
Tot Ion:	149	Resp:	2985109
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	8.2	12.4

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.887 ng

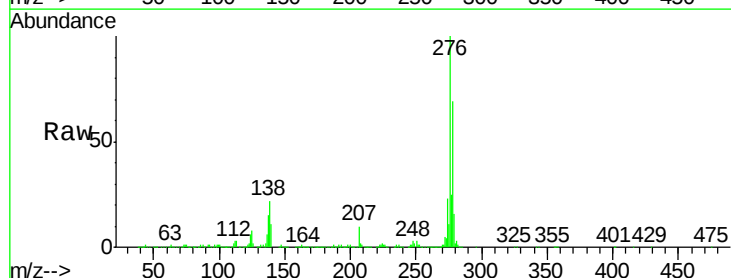
RT: 25.99 min Scan# 3910

Delta R.T. -0.04 min

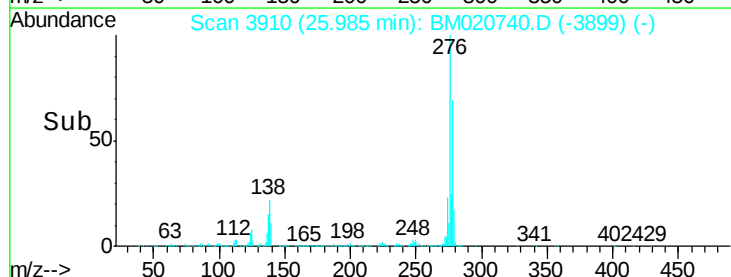
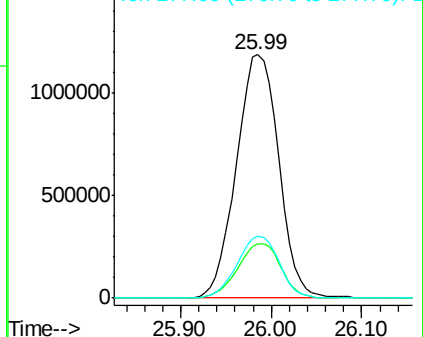
Lab File: BM020740.D

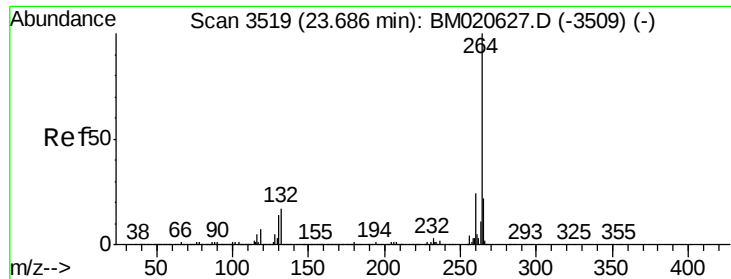
Acq: 05 Jun 2019 17:21

Tgt Ion:	276	Resp:	3849962
Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.8	29.8
277	25.4	20.2	30.4



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





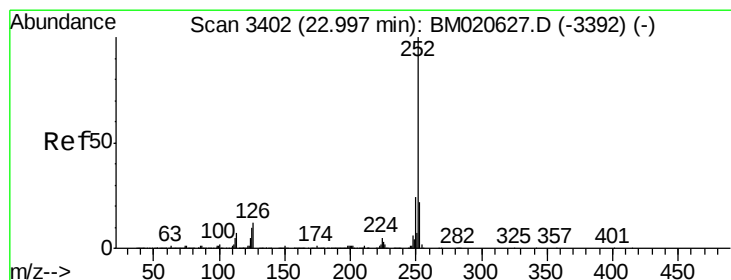
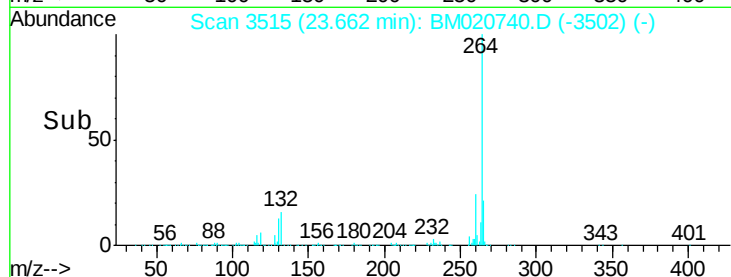
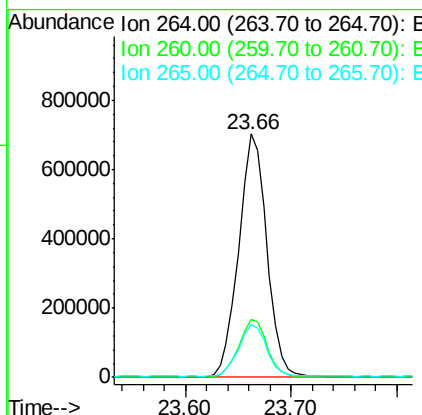
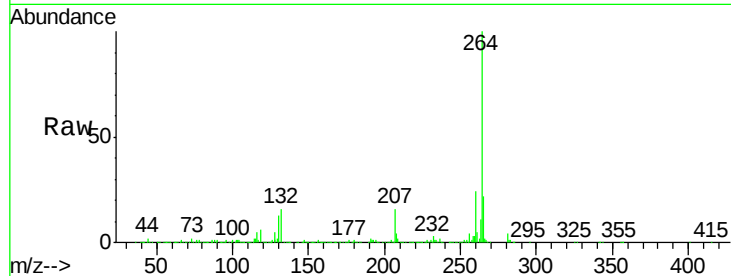
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 1301358
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.7 17.6 26.4

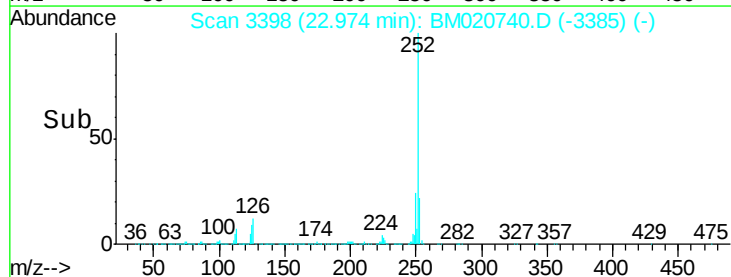
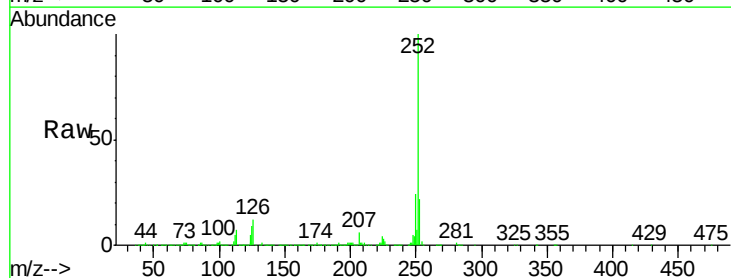
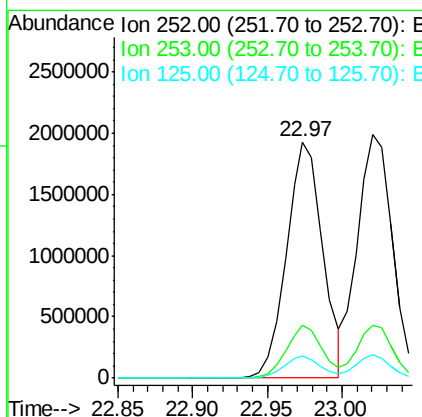
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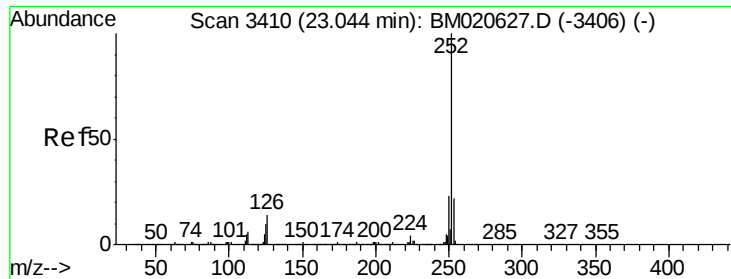
mohammad
6/6/2019 11:21:49 AM



#88
Benzo(b)fluoranthene
Concen: 37.894 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion:252 Resp: 3259330
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.2 7.8 11.8





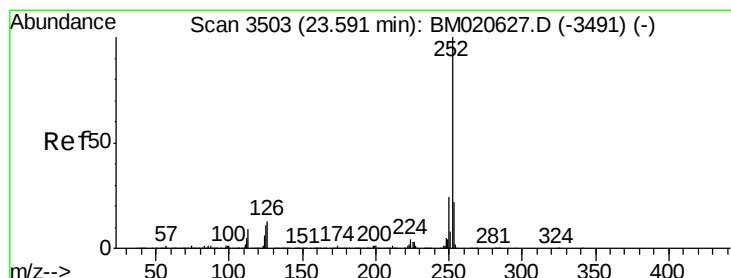
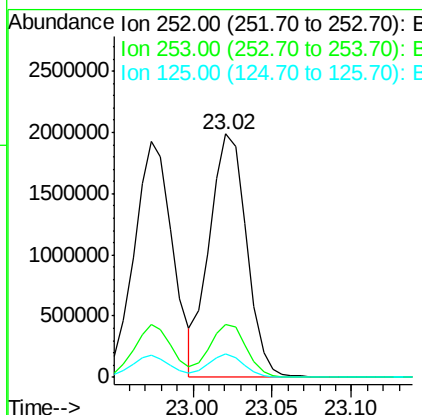
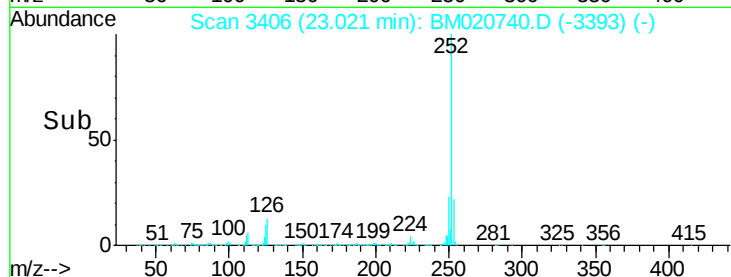
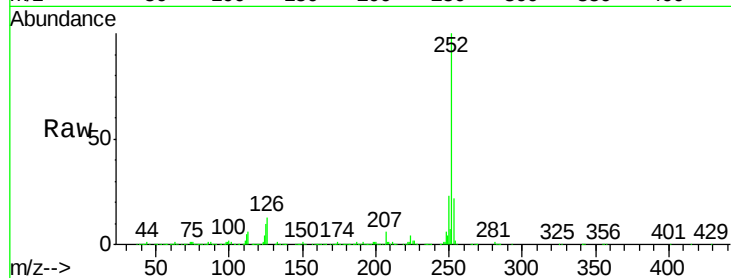
#89
Benzo(k)fluoranthene
Concen: 38.468 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 3233402
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.7 7.8 11.8

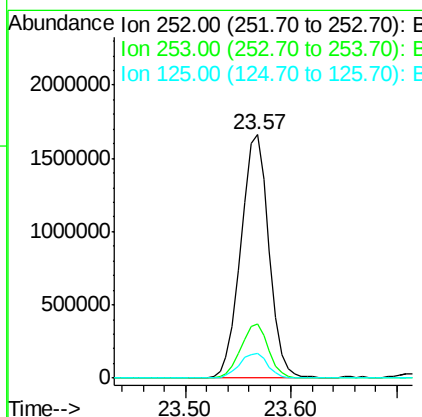
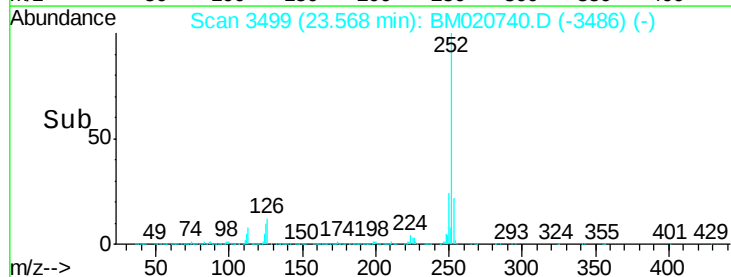
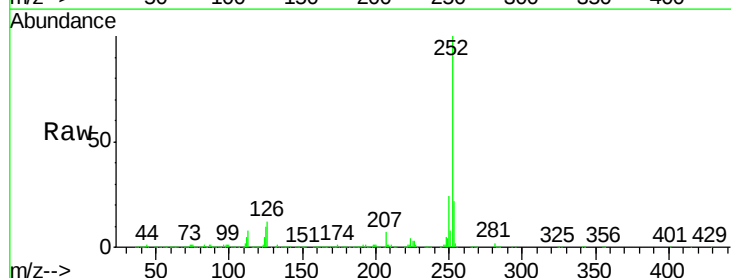
Manual Integrations
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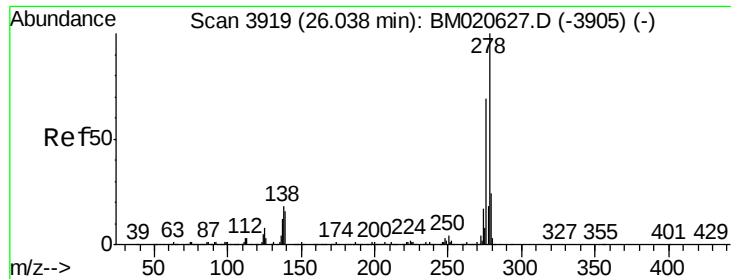
mohammad
6/6/2019 11:21:49 AM



#90
Benzo(a)pyrene
Concen: 39.298 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion:252 Resp: 3065912
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.2 8.6 13.0





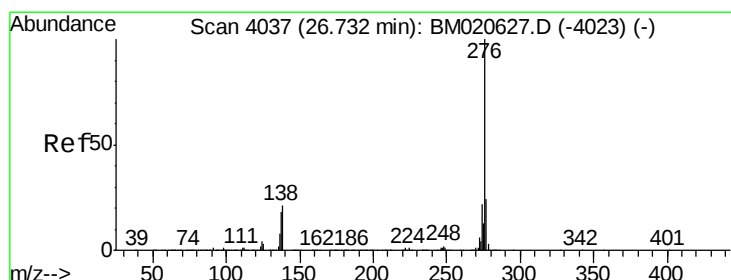
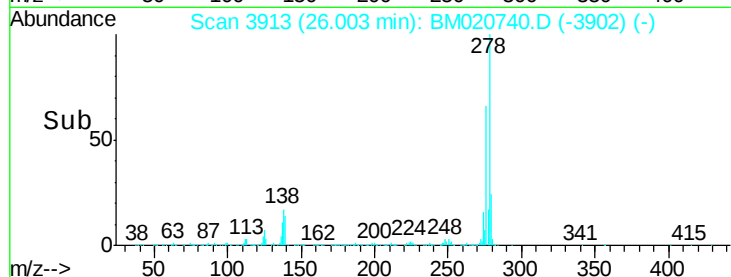
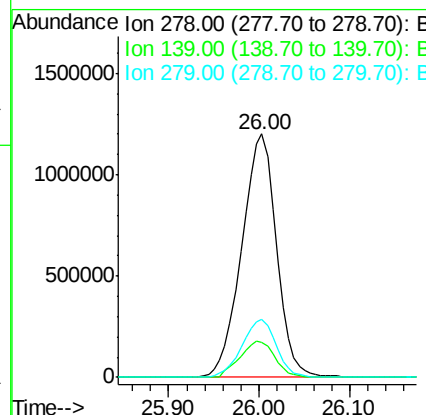
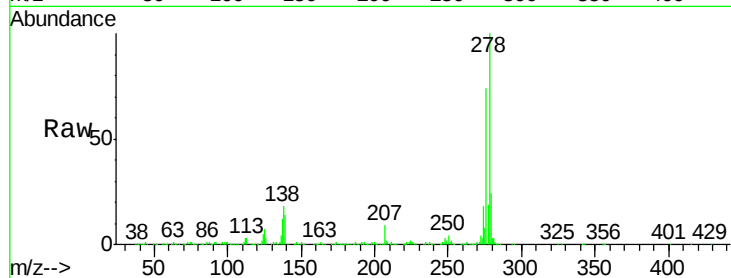
#91
Dibenzo(a,h)anthracene
Concen: 42.120 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.6	18.8
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 43.074 ng
RT: 26.70 min Scan# 4031
Delta R.T. -0.04 min
Lab File: BM020740.D
Acq: 05 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	19.9	17.0	25.4

