Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020630.D
Acq On : 31 May 2019 14:12
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:38 AM

Quant Time: May 31 15:48:51 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 13:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	262810	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	1182693	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	648267	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1305568	20.00	ng		0.00
76) Chrysene-d12	21.40	240	1079848	20.00	ng		0.00
87) Perylene-d12	23.69	264	1136707	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2401531	162.56	ng		0.00
7) Phenol-d6	7.00	99	3502438	166.16	ng		0.01
23) Nitrobenzene-d5	9.00	82	3743076	170.73	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	1299107	158.82	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	8030751	161.45	ng		0.00
79) Terphenyl-d14	19.84	244	10164801	164.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	492943	81.030	ng		98
3) Pyridine	3.75	79	1558161	84.265	ng		98
4) n-Nitrosodimethylamine	3.67	42	711240	90.598	ng		99
6) Aniline	7.17	93	2499572	82.014	ng		99
8) 2-Chlorophenol	7.40	128	1478802	81.665	ng		100
9) Benzaldehyde	6.99	77	792216	64.475	ng		98
10) Phenol	7.03	94	1882530	82.861	ng		100
11) bis(2-Chloroethyl)ether	7.27	93	1495923	82.847	ng		100
12) 1,3-Dichlorobenzene	7.73	146	1711943	80.318	ng		99
13) 1,4-Dichlorobenzene	7.87	146	1738108	80.518	ng		99
14) 1,2-Dichlorobenzene	8.19	146	1681497	80.388	ng		100
15) Benzyl Alcohol	8.08	79	1534614	83.288	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.37	45	2243915	83.715	ng		100
17) 2-Methylphenol	8.27	107	1305467	82.655	ng		99
18) Hexachloroethane	8.91	117	673469	82.513	ng		99
19) n-Nitroso-di-n-propylamine	8.66	70	1331249	81.709	ng		99
20) 3+4-Methylphenols	8.61	107	1777282	82.612	ng		99
22) Acetophenone	8.66	105	2375457	79.780	ng	#	98
24) Nitrobenzene	9.05	77	1897729	84.388	ng		100
25) Isophorone	9.57	82	3545987	79.590	ng		99
26) 2-Nitrophenol	9.75	139	779679	93.865	ng		97
27) 2,4-Dimethylphenol	9.80	122	1291347	79.248	ng		100
28) bis(2-Chloroethoxy)methane	10.05	93	2157726	80.559	ng		99
29) 2,4-Dichlorophenol	10.27	162	1466113	80.487	ng		99
30) 1,2,4-Trichlorobenzene	10.49	180	1704462	79.296	ng		99
31) Naphthalene	10.68	128	4865004	79.969	ng		99
33) 4-Chloroaniline	10.79	127	2202251	79.144	ng		99
34) Hexachlorobutadiene	10.96	225	1032423	77.943	ng		99
35) Caprolactam	11.62	113	467601m	76.719	ng		
36) 4-Chloro-3-methylphenol	11.92	107	1611369	80.102	ng		99
37) 2-Methylnaphthalene	12.29	142	3515651	78.835	ng		100
38) 1-Methylnaphthalene	12.52	142	3304210	78.119	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	1839980	81.926	ng		100
41) Hexachlorocyclopentadiene	12.63	237	1163201	87.650	ng		99

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

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6/3/2019 8:48:38 AM

Quant Time: May 31 15:48:51 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 13:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.90	196	1156195	84.040	ng		98
44) 2,4,5-Trichlorophenol	12.97	196	1179581	84.280	ng		98
46) 1,1'-Biphenyl	13.31	154	4446326	81.031	ng		99
47) 2-Chloronaphthalene	13.35	162	3582851	81.115	ng		100
48) 2-Nitroaniline	13.56	65	1151060	98.097	ng		95
49) Acenaphthylene	14.20	152	5442450	79.423	ng		100
50) Dimethylphthalate	13.95	163	4285651	77.563	ng		100
51) 2,6-Dinitrotoluene	14.06	165	907386	85.471	ng		93
52) Acenaphthene	14.54	154	3241602	79.373	ng		98
53) 3-Nitroaniline	14.39	138	999143	85.916	ng		96
54) 2,4-Dinitrophenol	14.59	184	386738	117.475	ng		95
55) Dibenzofuran	14.87	168	4990435	78.812	ng		100
56) 4-Nitrophenol	14.69	139	740234	85.718	ng		96
57) 2,4-Dinitrotoluene	14.84	165	1215977	87.138	ng		100
58) Fluorene	15.52	166	4027811	77.635	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.10	232	994597	81.182	ng		98
60) Diethylphthalate	15.30	149	4306537	76.180	ng		100
61) 4-Chlorophenyl-phenylether	15.52	204	2197352	79.015	ng		93
62) 4-Nitroaniline	15.56	138	1035478	83.993	ng		98
63) Azobenzene	15.82	77	4159020	78.553	ng		98
65) 4,6-Dinitro-2-methylphenol	15.60	198	511058	114.009	ng		100
66) n-Nitrosodiphenylamine	15.74	169	3460727	82.617	ng		100
67) 4-Bromophenyl-phenylether	16.42	248	1298241	81.083	ng		95
68) Hexachlorobenzene	16.52	284	1508523	82.260	ng		99
69) Atrazine	16.69	200	852659	64.473	ng		99
70) Pentachlorophenol	16.86	266	726896	86.066	ng		99
71) Phenanthrene	17.26	178	5955220	80.948	ng		99
72) Anthracene	17.35	178	5956686	80.705	ng		100
73) Carbazole	17.62	167	5251747	78.347	ng		99
74) Di-n-butylphthalate	18.19	149	6745697	77.358	ng		99
75) Fluoranthene	19.27	202	6455030	77.324	ng		99
77) Benzidine	19.46	184	2295627	64.722	ng		100
78) Pyrene	19.64	202	6505262	81.740	ng		99
80) Butylbenzylphthalate	20.54	149	2821249	84.717	ng		96
81) Benzo(a)anthracene	21.38	228	6056979	80.892	ng		100
82) 3,3'-Dichlorobenzidine	21.32	252	2252812	79.345	ng		98
83) Chrysene	21.44	228	5785447	81.189	ng		99
84) Bis(2-ethylhexyl)phthalate	21.32	149	3980953	81.439	ng	#	97
85) Di-n-octyl phthalate	22.22	149	6703313	81.903	ng		100
86) Indeno(1,2,3-cd)pyrene	26.04	276	7011850	84.296	ng		99
88) Benzo(b)fluoranthene	23.00	252	6047283	81.907	ng		100
89) Benzo(k)fluoranthene	23.05	252	5857413	82.848	ng		99
90) Benzo(a)pyrene	23.60	252	5599578	82.523	ng		99
91) Dibenzo(a,h)anthracene	26.05	278	5829858	85.038	ng		99
92) Benzo(g,h,i)perylene	26.75	276	5434410	84.171	ng		99

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

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QLast Update : Fri May 31 13:01:30 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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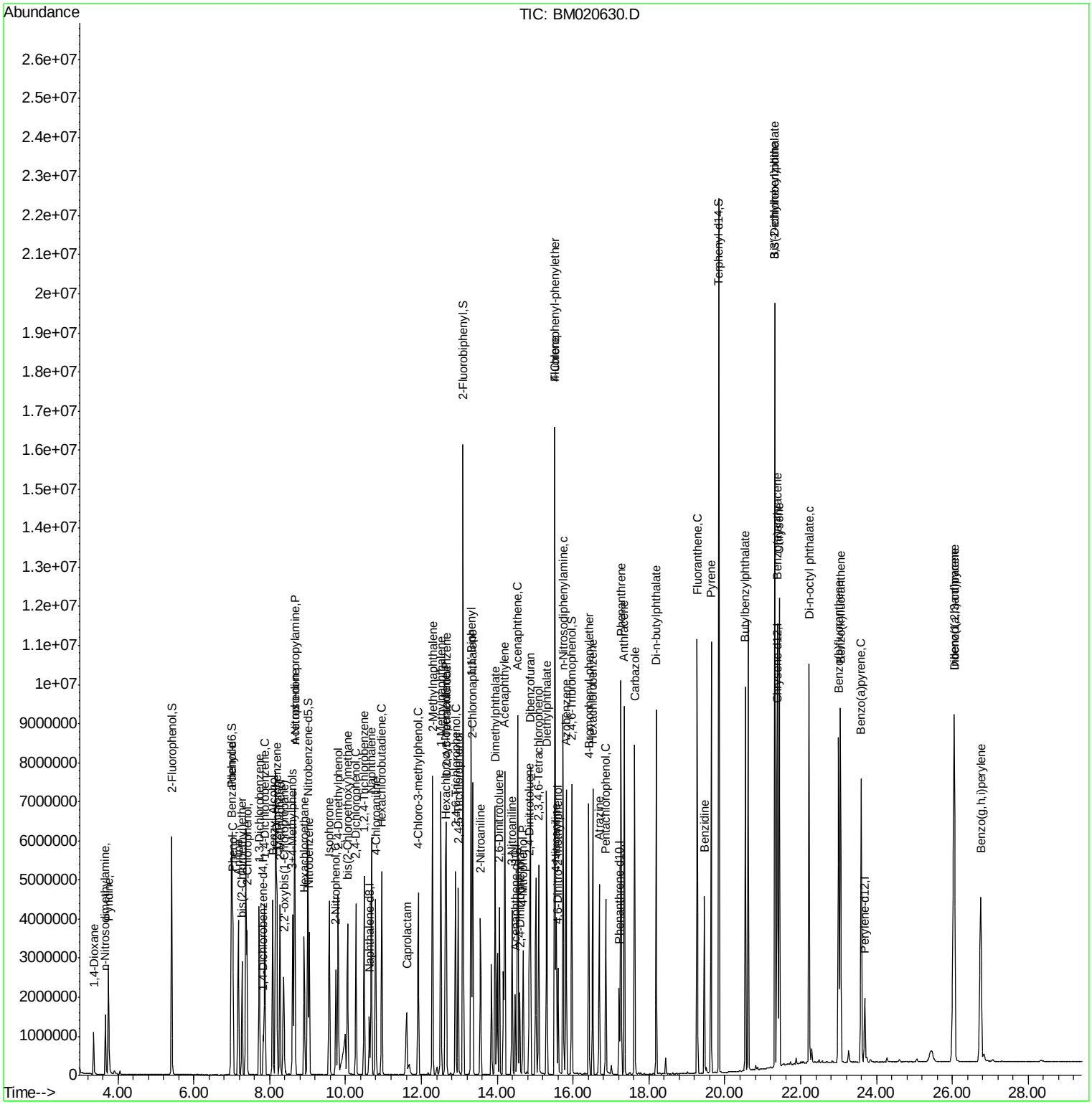
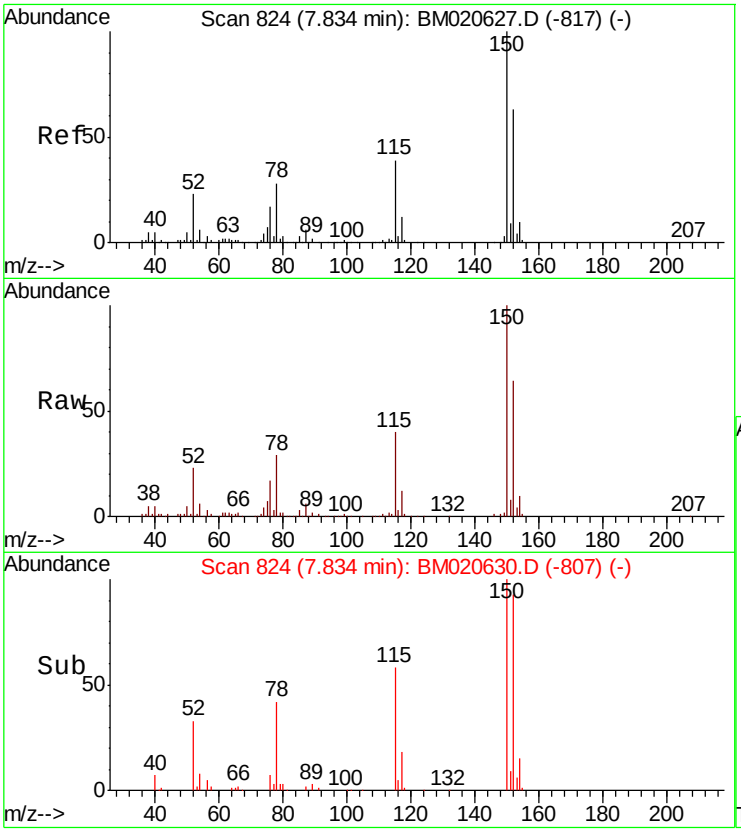
6/3/2019 8:48:38 AM

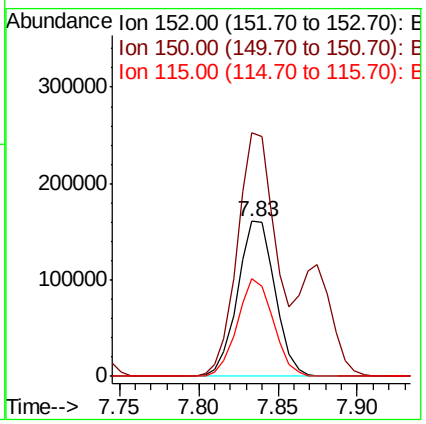




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:152 Resp: 262810

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.0	189.0
115	63.0	49.6	74.4



Instrument :
BNA_M
ClientSampleId :
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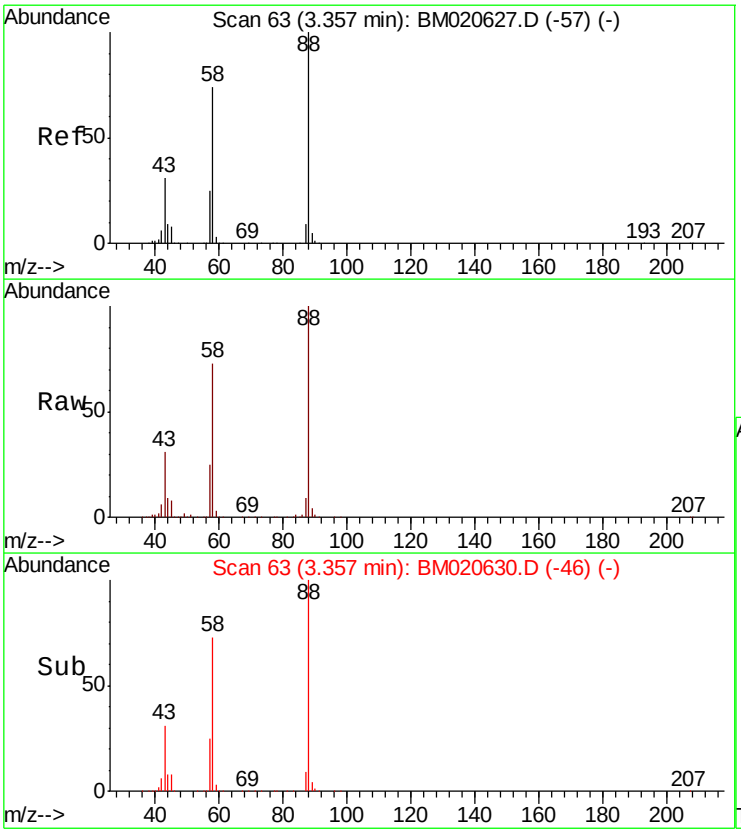
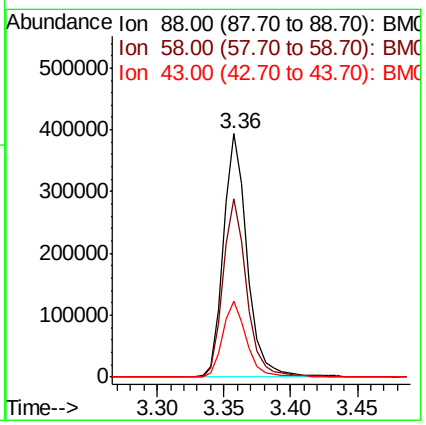
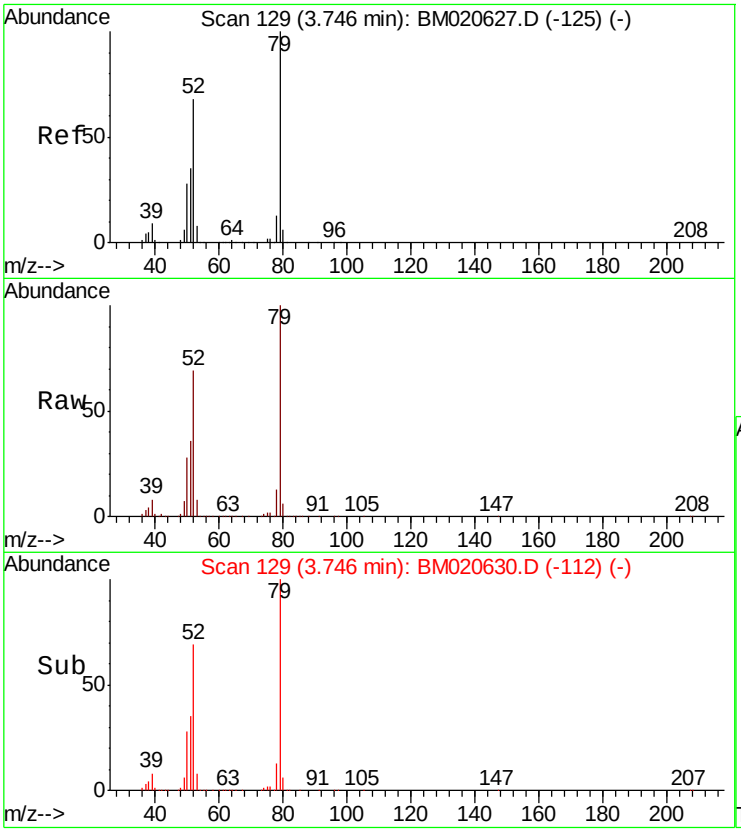


#2
1,4-Dioxane
Concen: 81.030 ng
RT: 3.36 min Scan# 63
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 88 Resp: 492943

Ion	Ratio	Lower	Upper
88	100		
58	73.3	60.2	90.4
43	30.7	25.3	37.9

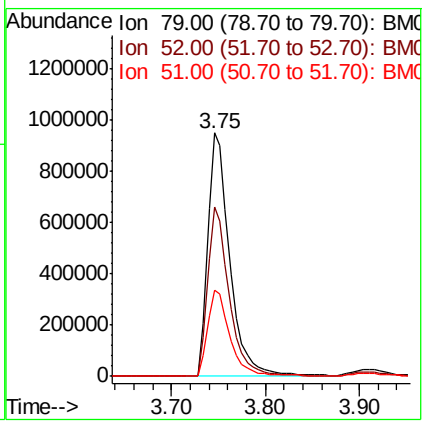




#3
Pyridine
Concen: 84.265 ng
RT: 3.75 min Scan# 129
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 79 Resp: 1558161

Ion	Ratio	Lower	Upper
79	100		
52	69.5	54.1	81.1
51	35.7	28.6	42.8



Instrument :
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ClientSampleId :
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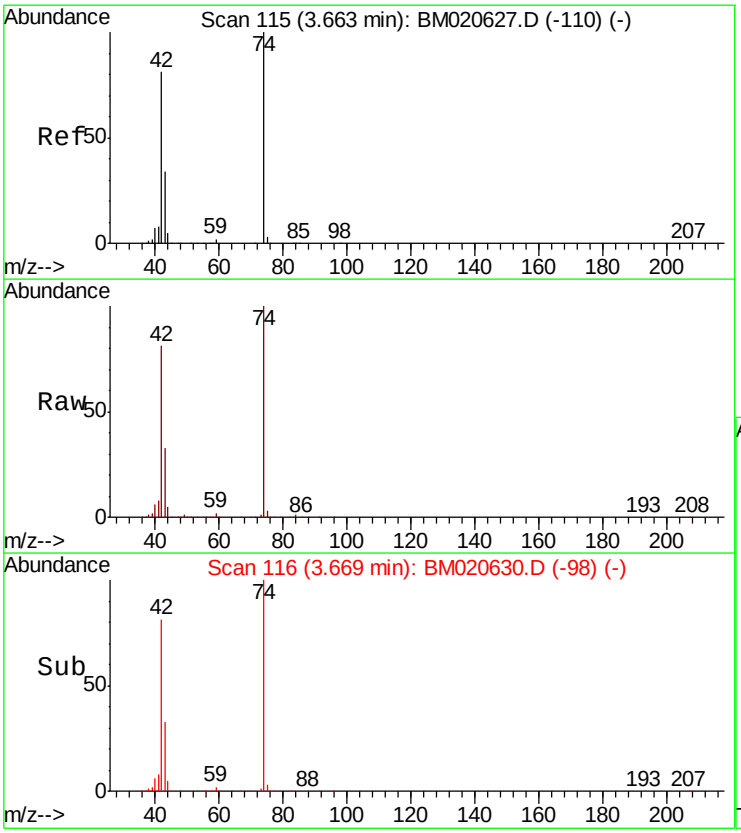
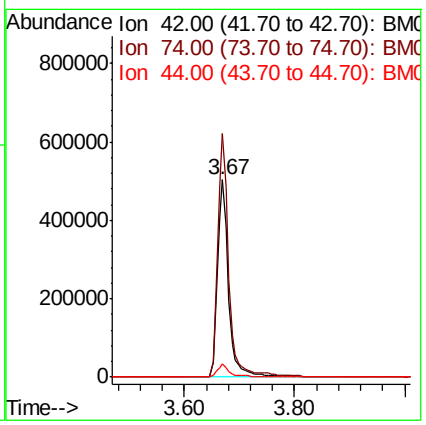
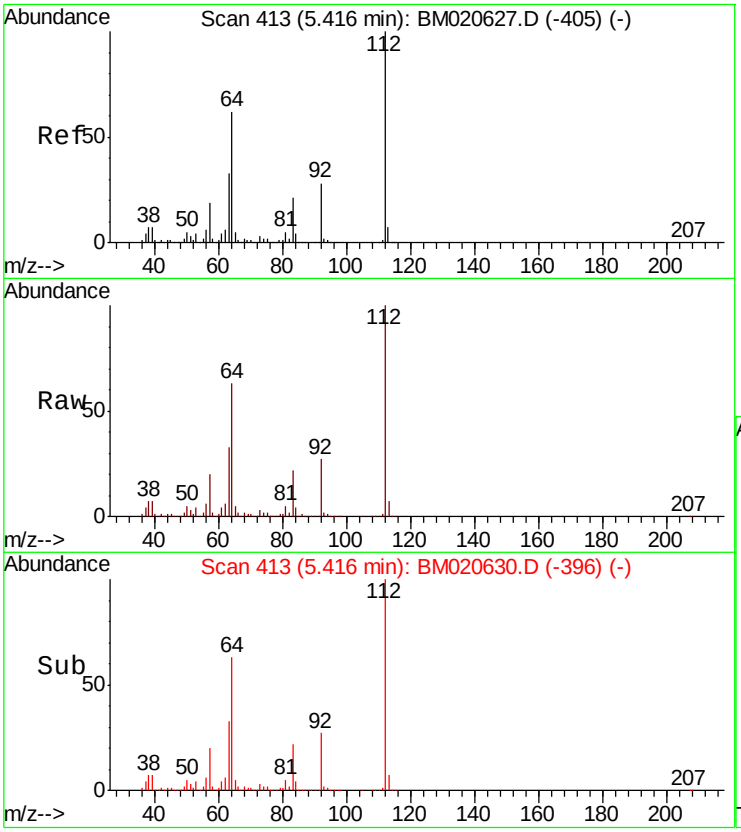


#4
n-Nitrosodimethylamine
Concen: 90.598 ng
RT: 3.67 min Scan# 116
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 42 Resp: 711240

Ion	Ratio	Lower	Upper
42	100		
74	123.4	99.4	149.0
44	6.5	5.8	8.8

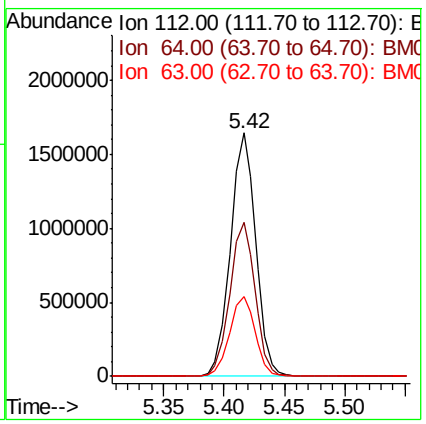




#5
2-Fluorophenol
Concen: 162.560 ng
RT: 5.42 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:112 Resp: 2401531

Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.7	74.5
63	33.0	26.4	39.6



Instrument :
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ClientSampleId :
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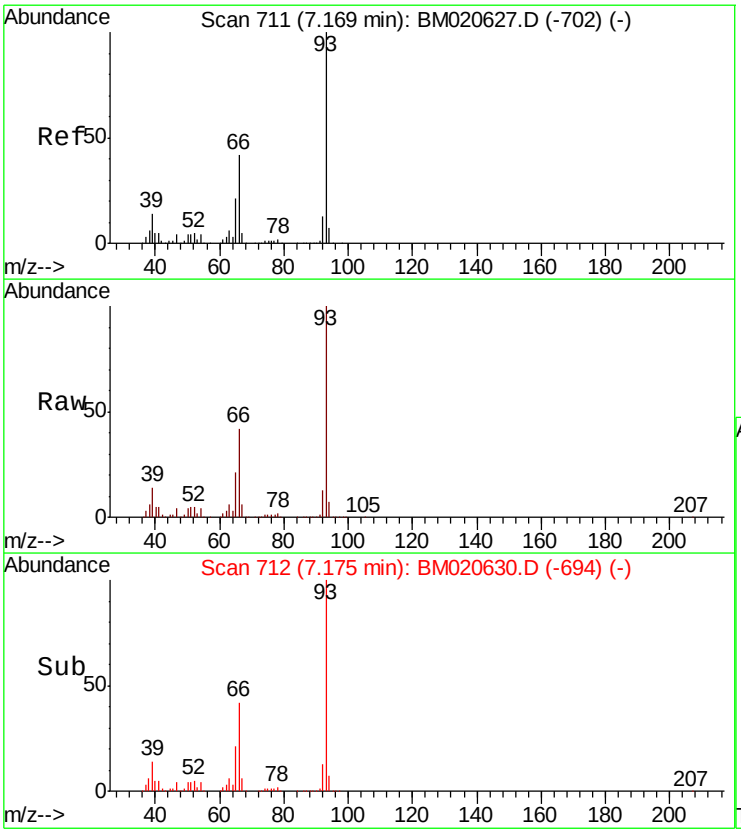
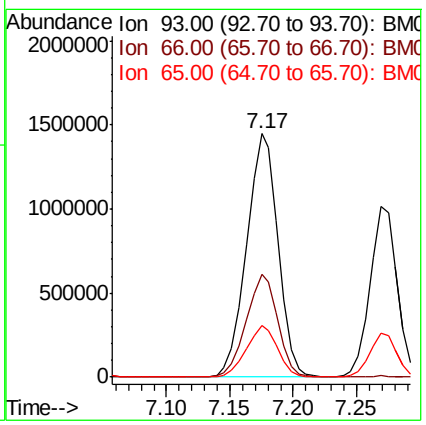
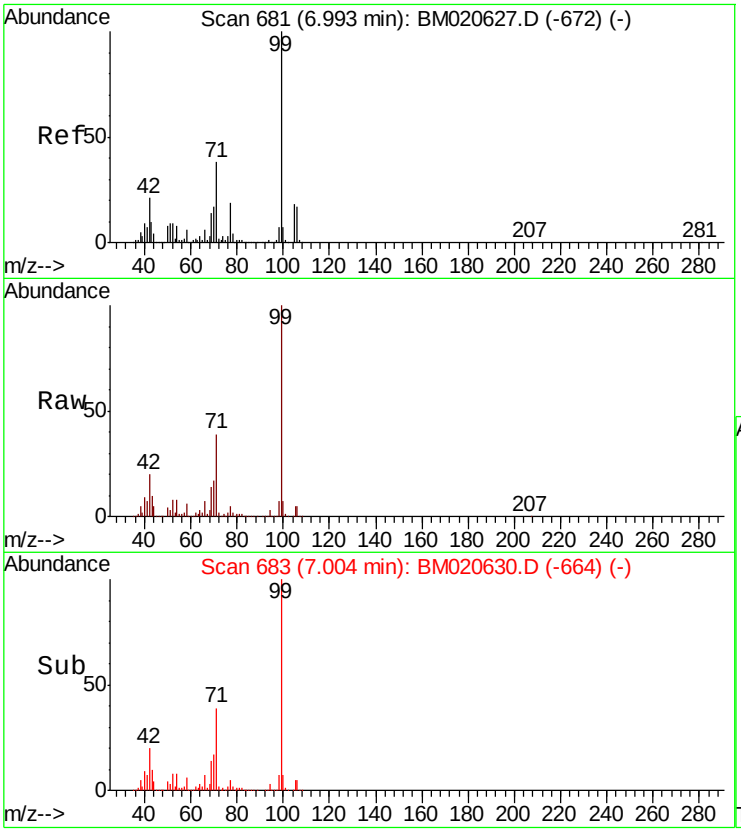


#6
Aniline
Concen: 82.014 ng
RT: 7.17 min Scan# 712
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 93 Resp: 2499572

Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.6	50.4
65	21.3	16.7	25.1

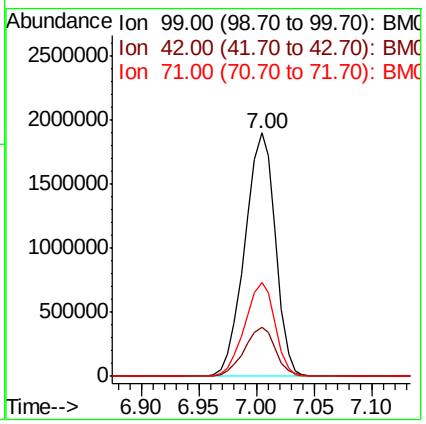




#7
Phenol-d6
Concen: 166.157 ng
RT: 7.00 min Scan# 683
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 99 Resp: 3502438

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.5	24.7
71	38.7	30.7	46.1



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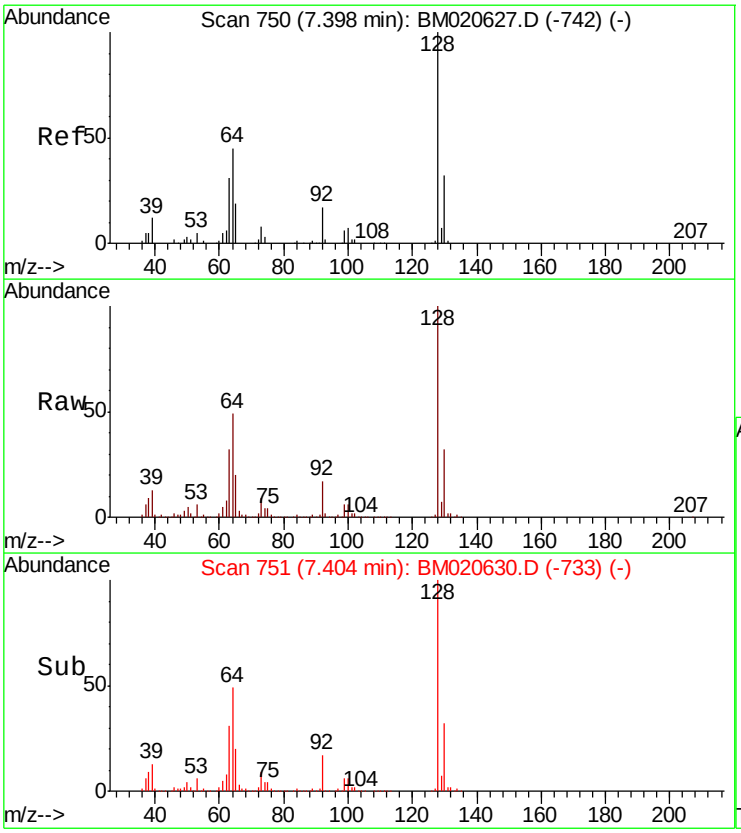
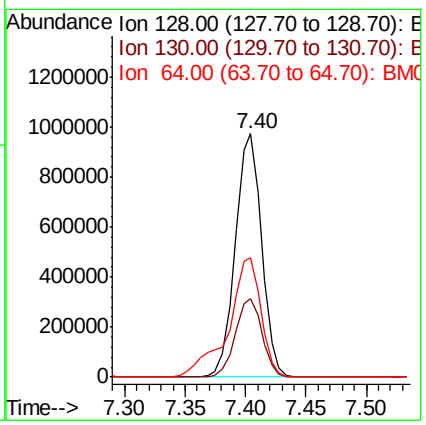
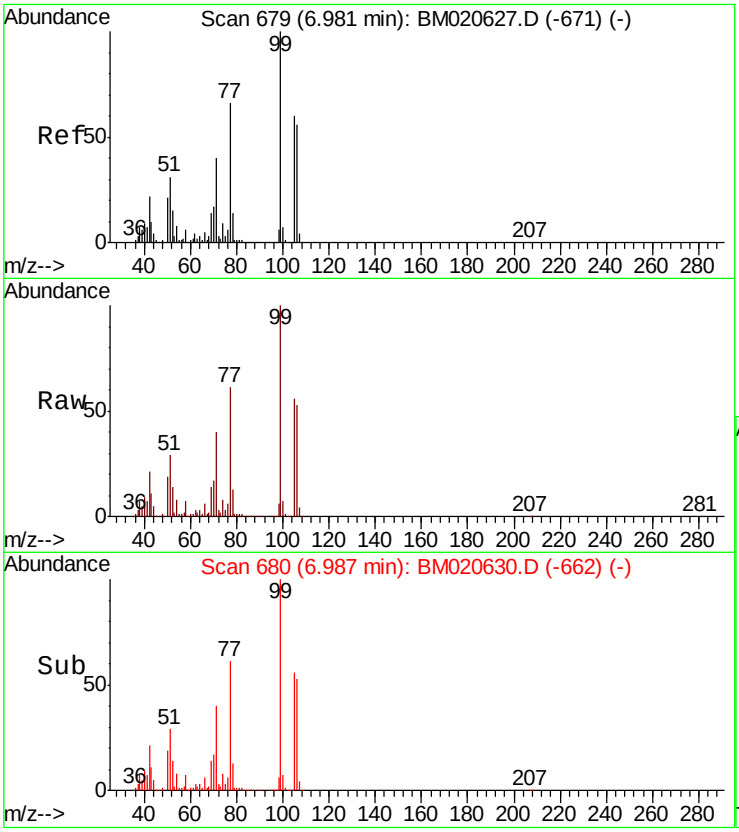


#8
2-Chlorophenol
Concen: 81.665 ng
RT: 7.40 min Scan# 751
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:128 Resp: 1478802

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	49.2	29.1	69.1

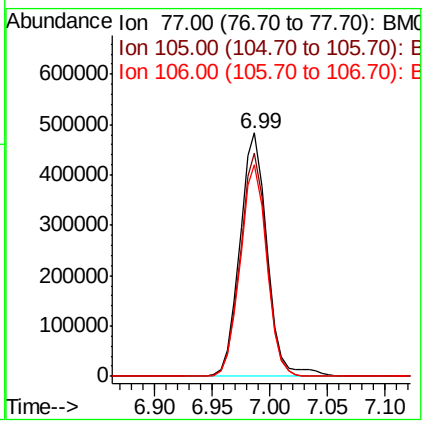




#9
Benzaldehyde
Concen: 64.475 ng
RT: 6.99 min Scan# 680
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 77 Resp: 792216

Ion	Ratio	Lower	Upper
77	100		
105	91.4	70.6	110.6
106	87.1	64.9	104.9



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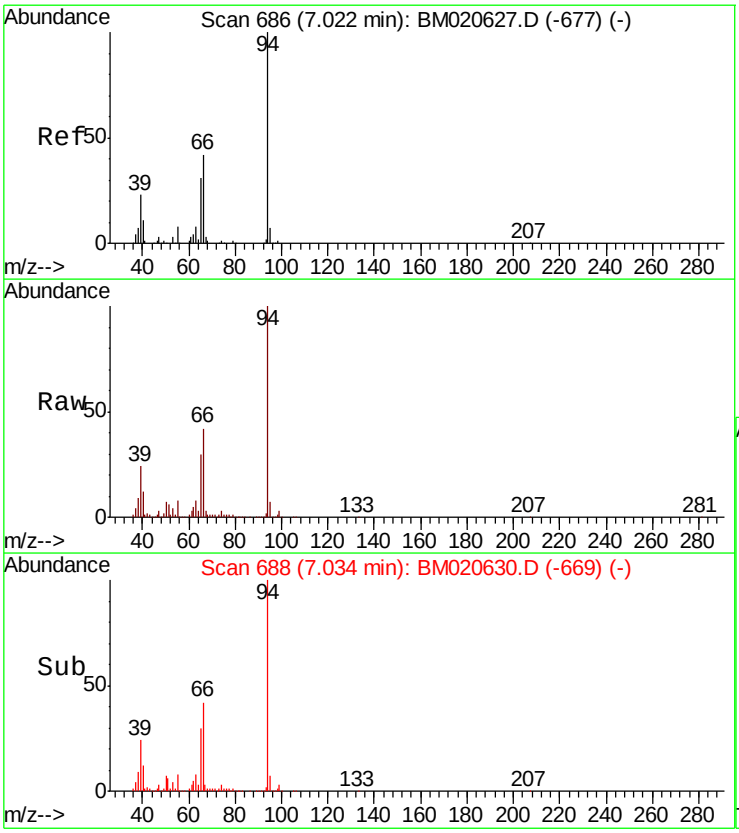
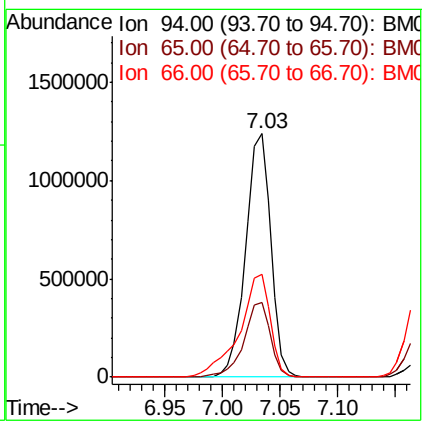
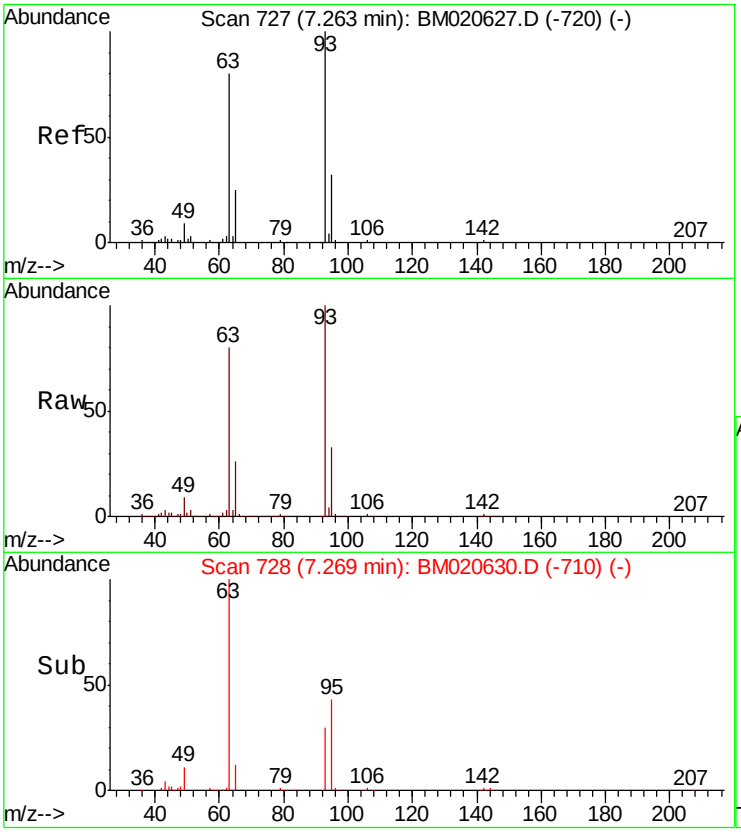


#10
Phenol
Concen: 82.861 ng
RT: 7.03 min Scan# 688
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 94 Resp: 1882530

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.7	50.7
66	42.0	22.3	62.3

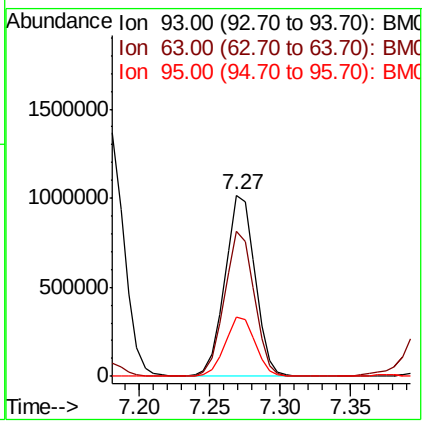




#11
bis(2-Chloroethyl)ether
Concen: 82.847 ng
RT: 7.27 min Scan# 728
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 93 Resp: 1495923

Ion	Ratio	Lower	Upper
93	100		
63	79.9	60.0	100.0
95	32.5	12.2	52.2



Instrument :
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ClientSampleId :
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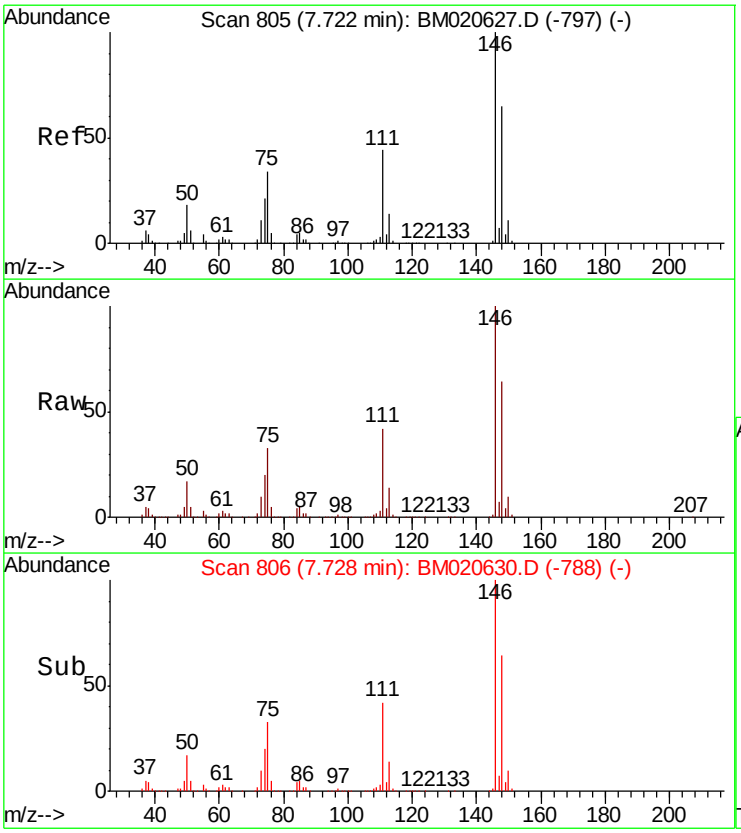
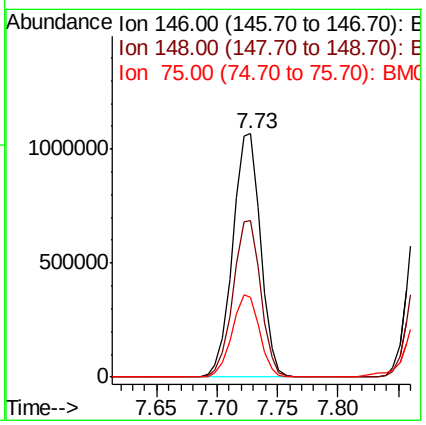
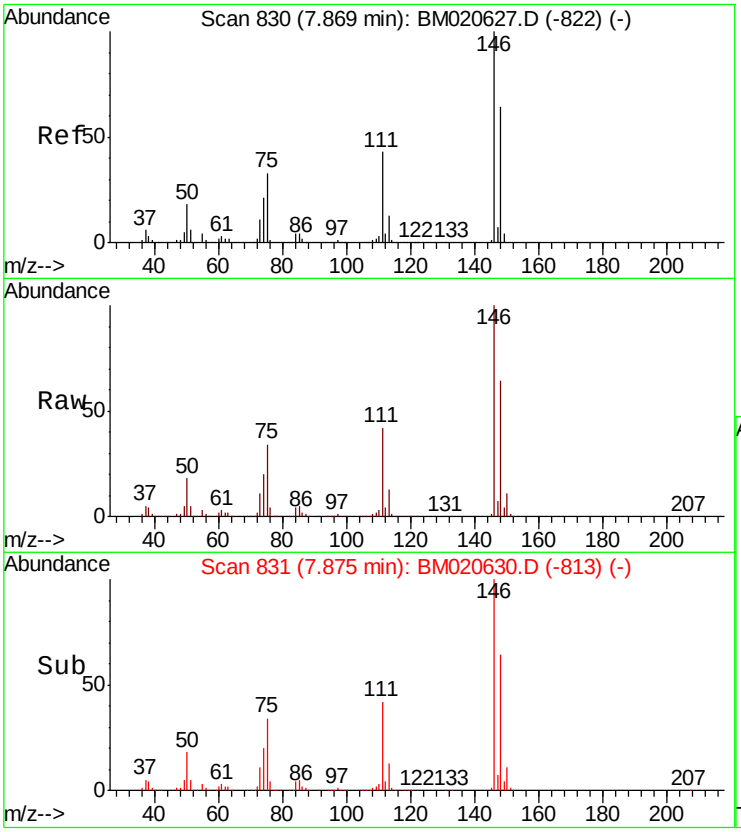


#12
1,3-Dichlorobenzene
Concen: 80.318 ng
RT: 7.73 min Scan# 806
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:146 Resp: 1711943

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
75	32.6	27.0	40.4

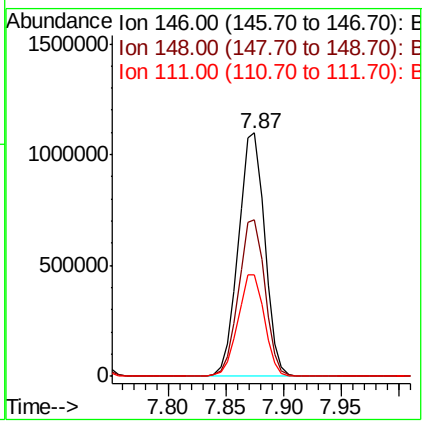




#13
1,4-Dichlorobenzene
Concen: 80.518 ng
RT: 7.87 min Scan# 831
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:146 Resp: 1738108

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
111	41.6	34.4	51.6



Instrument :
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ClientSampleId :
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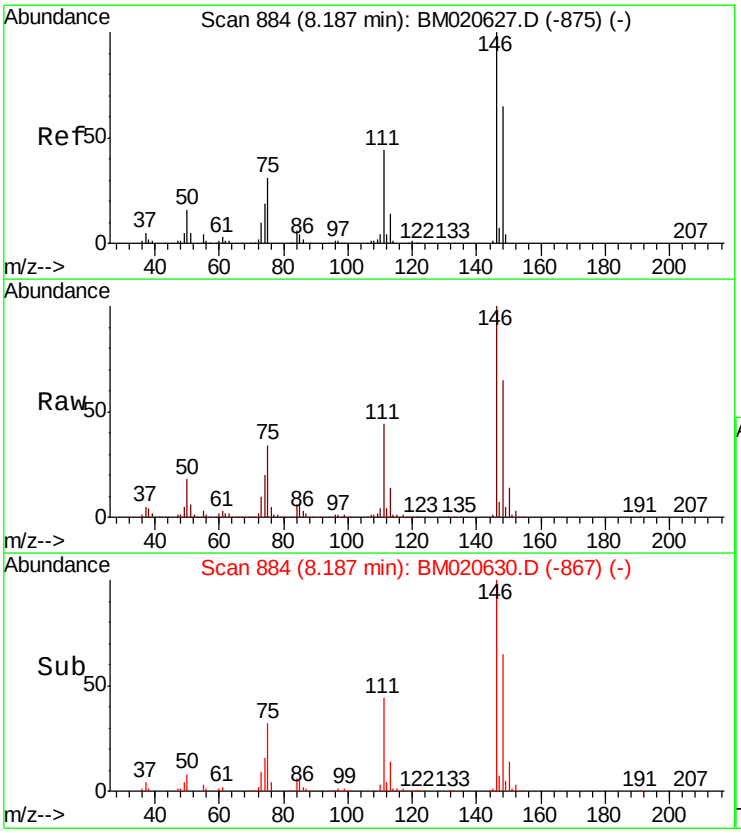
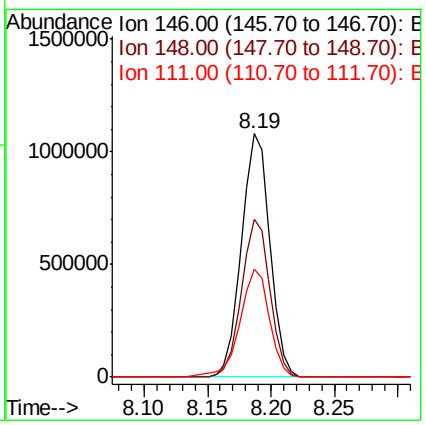
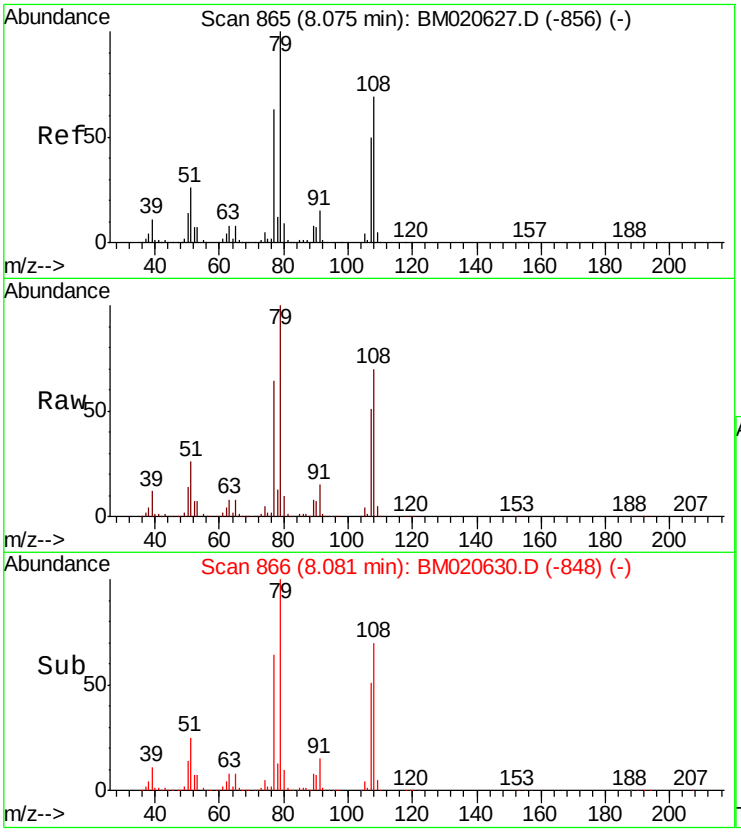


#14
1,2-Dichlorobenzene
Concen: 80.388 ng
RT: 8.19 min Scan# 884
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:146 Resp: 1681497

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
111	44.4	35.1	52.7





#15
Benzyl Alcohol
Concen: 83.288 ng
RT: 8.08 min Scan# 866
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 79 Resp: 1534614

Ion	Ratio	Lower	Upper
79	100		
108	70.4	54.9	82.3
77	63.8	50.2	75.4

Instrument :
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ClientSampleId :
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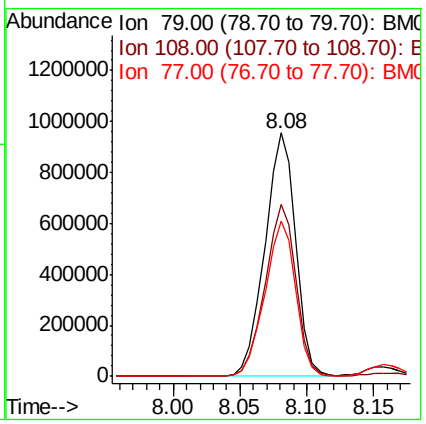
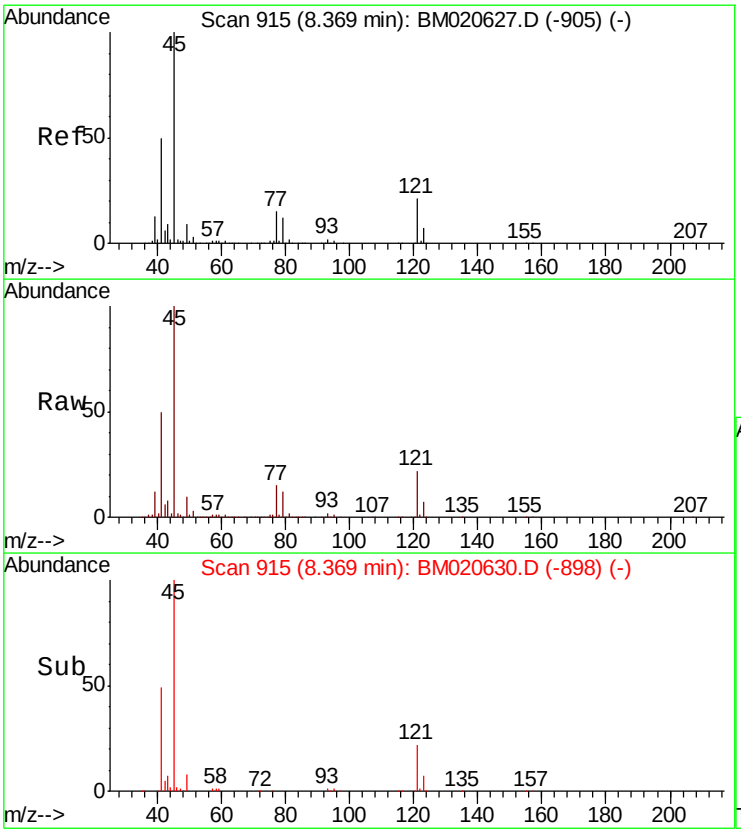
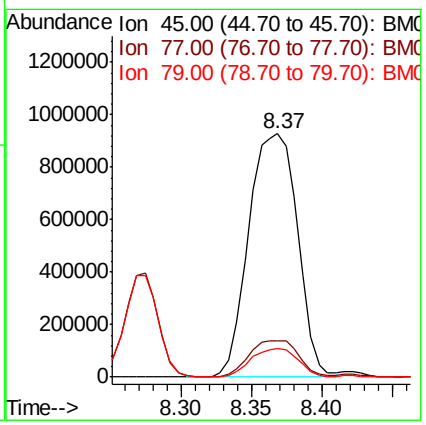


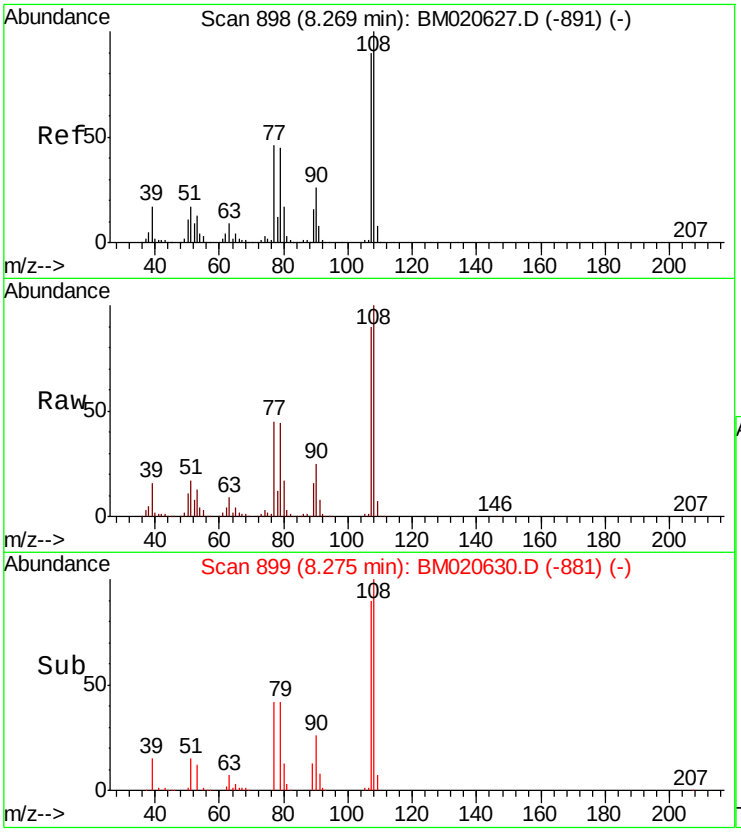


#16
2,2'-oxybis(1-Chloropropane)
Concen: 83.715 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 45 Resp: 2243915

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	34.9
79	11.6	0.0	31.8

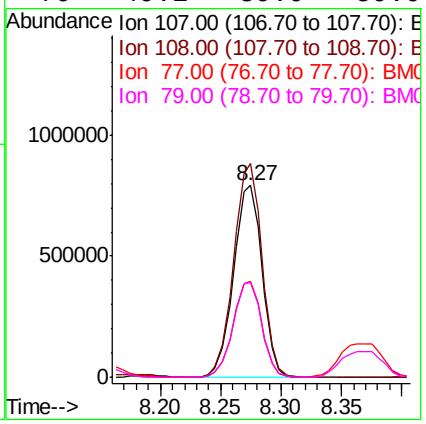




#17
2-Methylphenol
Concen: 82.655 ng
RT: 8.27 min Scan# 899
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:107 Resp: 1305467

Ion	Ratio	Lower	Upper
107	100		
108	111.6	88.6	133.0
77	50.0	40.6	61.0
79	49.2	39.9	59.9



Instrument :
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ClientSampleId :
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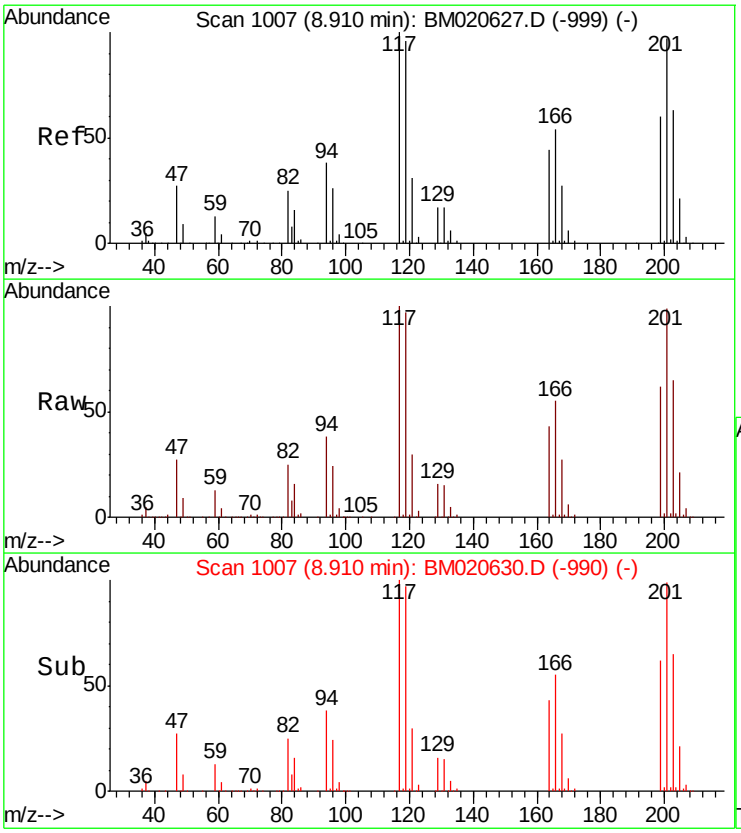
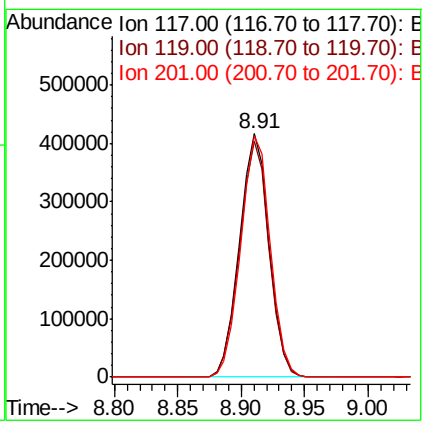
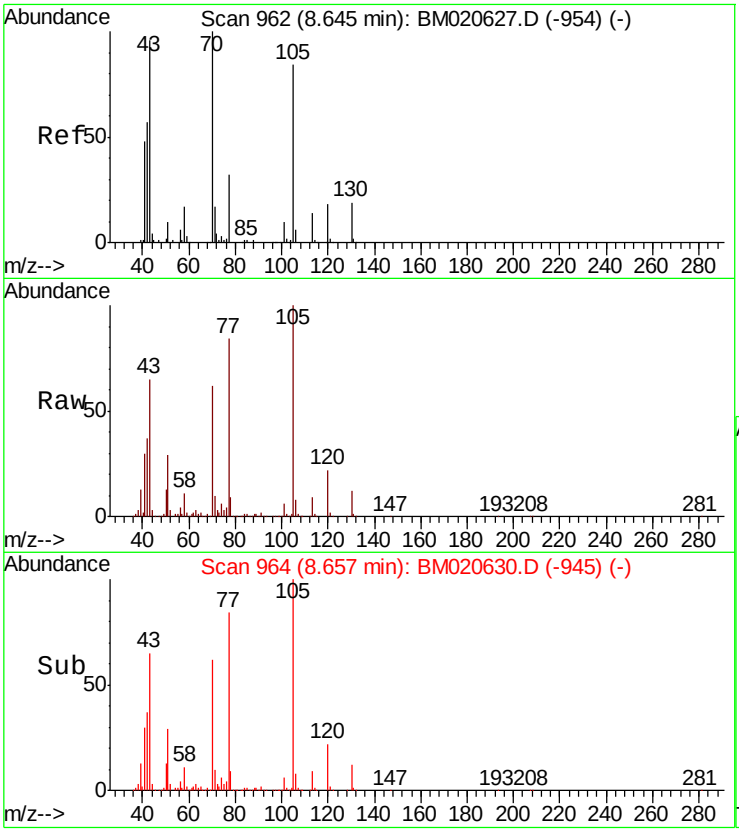


#18
Hexachloroethane
Concen: 82.513 ng
RT: 8.91 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:117 Resp: 673469

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.7	115.1
201	99.2	77.9	116.9

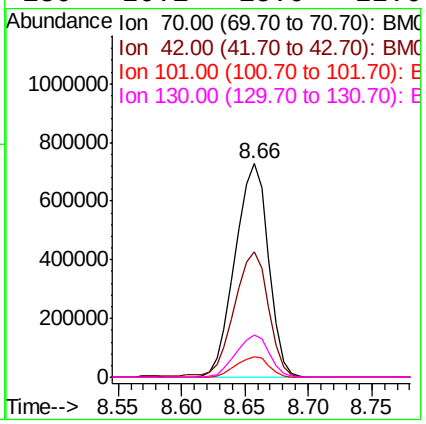




#19
n-Nitroso-di-n-propylamine
Concen: 81.709 ng
RT: 8.66 min Scan# 964
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 70 Resp: 1331249

Ion	Ratio	Lower	Upper
70	100		
42	59.0	46.8	70.2
101	9.4	7.8	11.6
130	20.1	15.0	22.6



Instrument :
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ClientSampleId :
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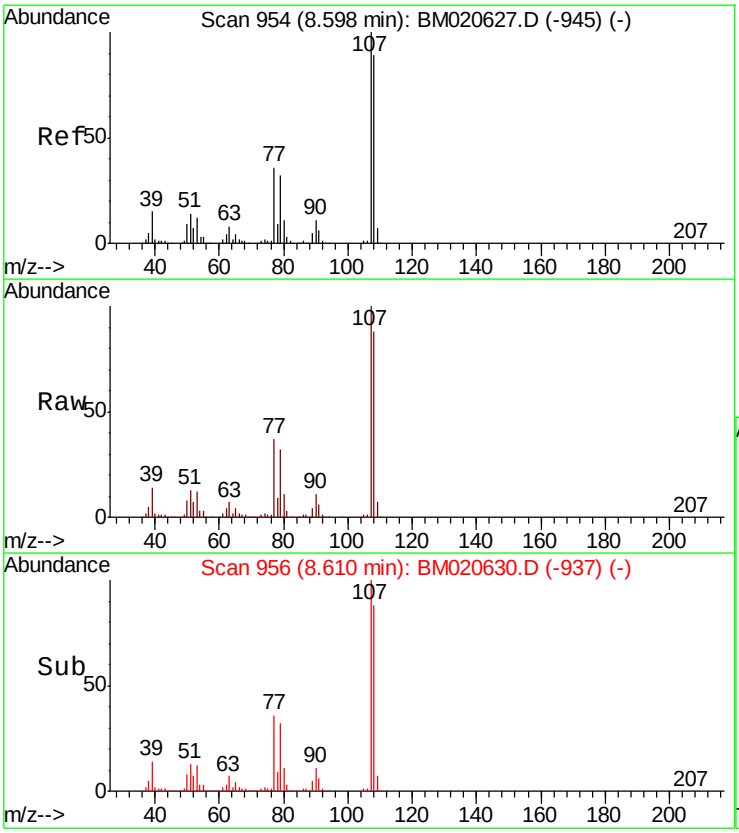
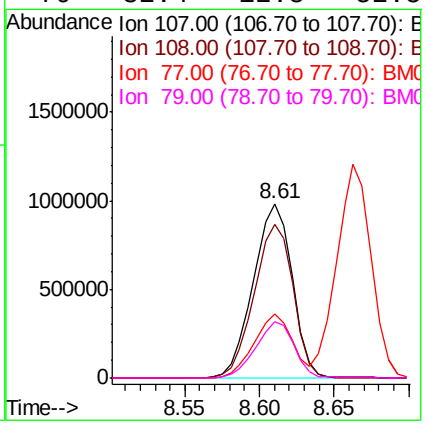
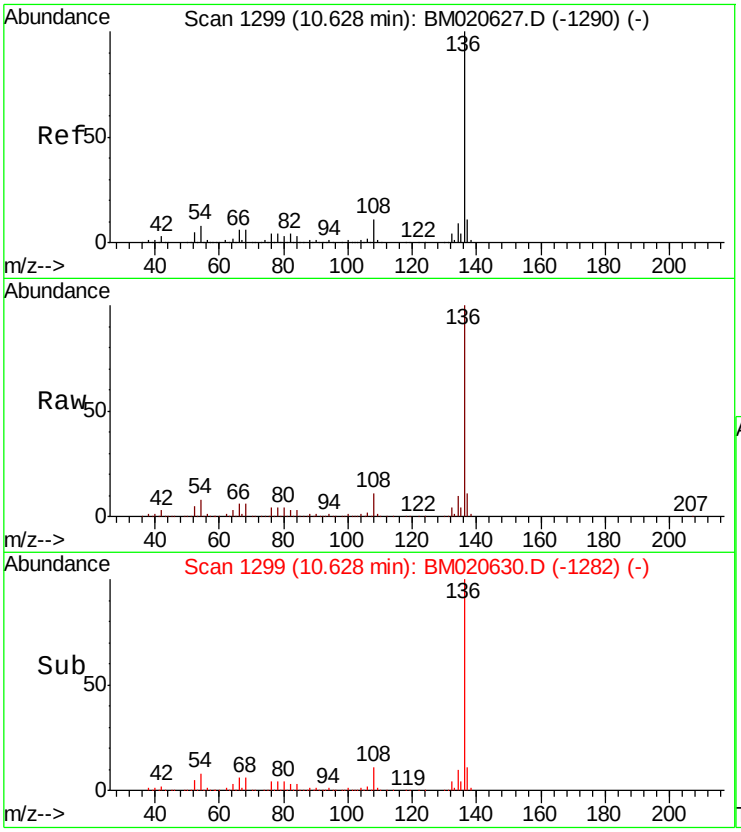


#20
3+4-Methylphenols
Concen: 82.612 ng
RT: 8.61 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:107 Resp: 1777282

Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.2	109.2
77	36.6	16.2	56.2
79	32.4	12.5	52.5

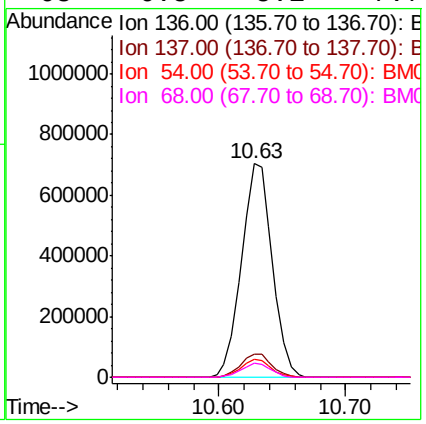




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:136 Resp: 1182693

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	6.6	10.0
68	6.5	5.1	7.7



Instrument :
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ClientSampleId :
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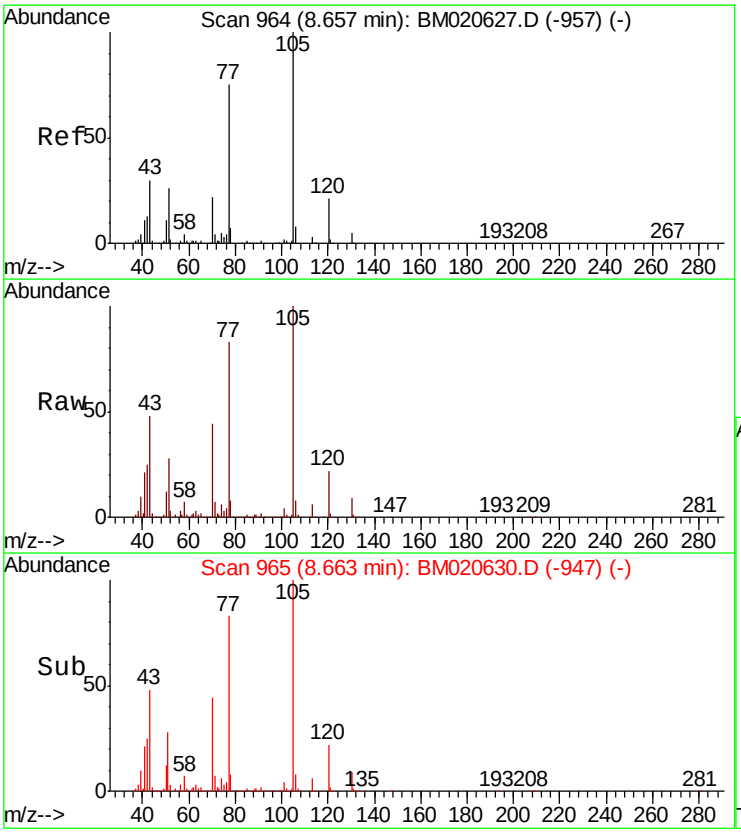
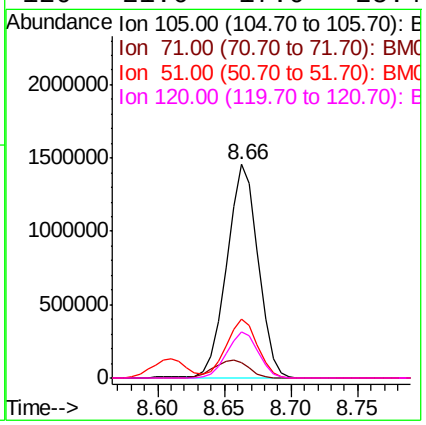
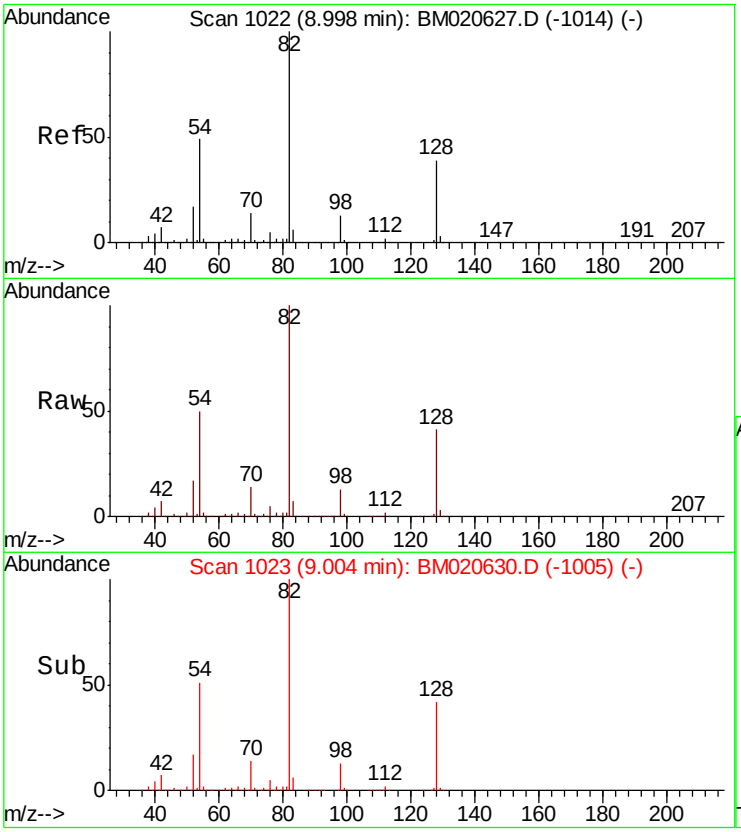


#22
Acetophenone
Concen: 79.780 ng
RT: 8.66 min Scan# 965
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:105 Resp: 2375457

Ion	Ratio	Lower	Upper
105	100		
71	7.4	3.2	4.8#
51	27.7	22.8	34.2
120	21.6	17.0	25.4

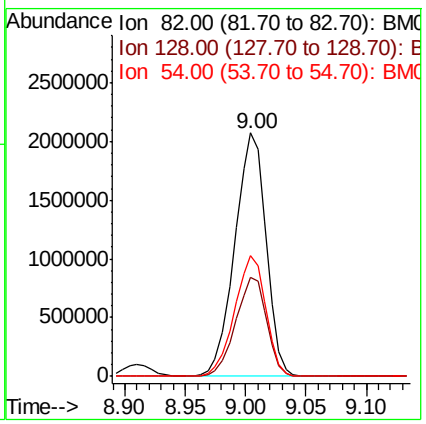




#23
Nitrobenzene-d5
Concen: 170.733 ng
RT: 9.00 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 82 Resp: 3743076

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.5	47.3
54	49.6	39.4	59.0



Instrument :
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ClientSampleId :
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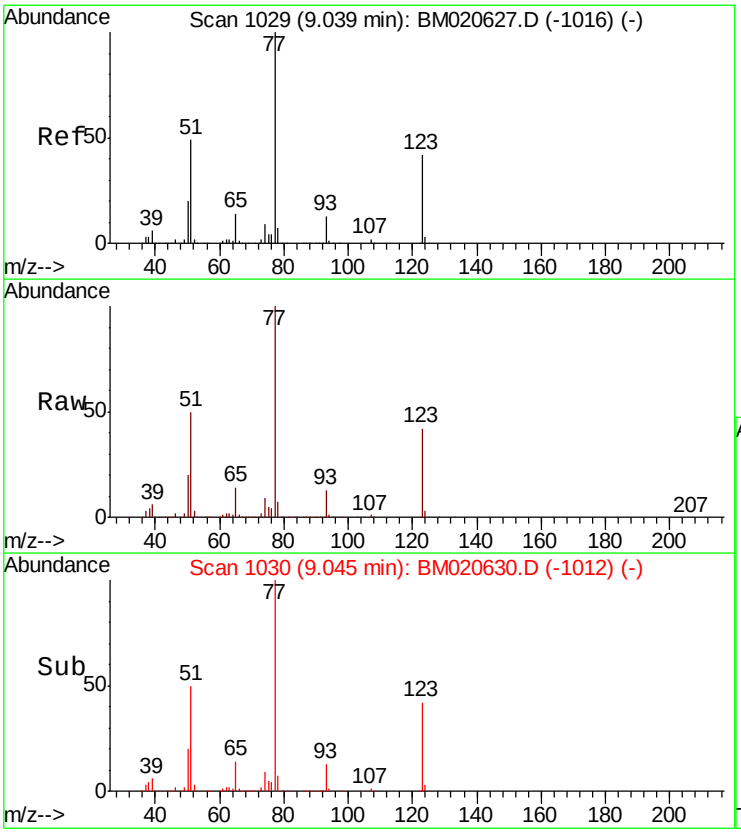
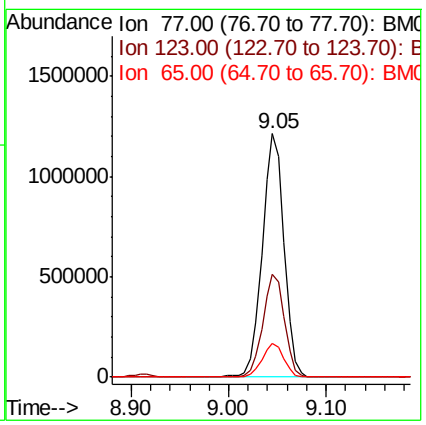
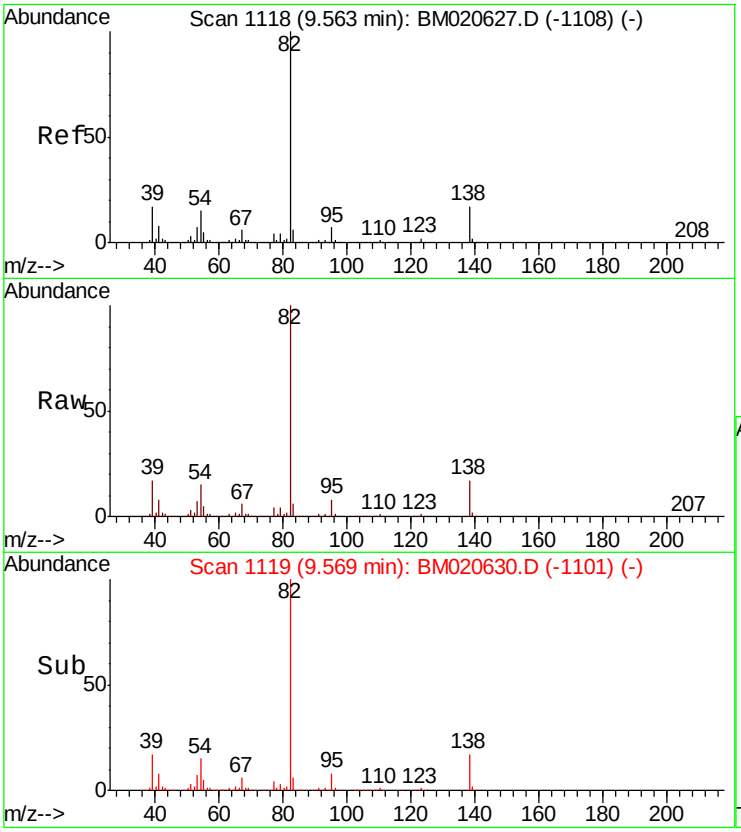


#24
Nitrobenzene
Concen: 84.388 ng
RT: 9.05 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 77 Resp: 1897729

Ion	Ratio	Lower	Upper
77	100		
123	42.1	33.7	50.5
65	13.8	11.0	16.6

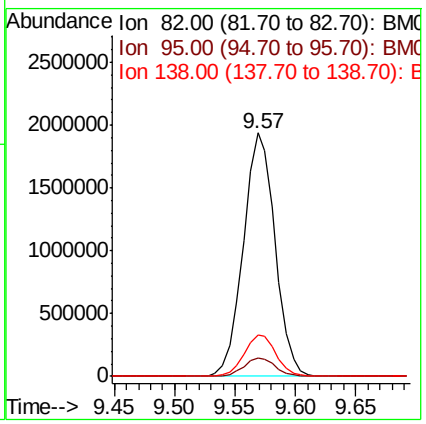




#25
Isophorone
Concen: 79.590 ng
RT: 9.57 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 82 Resp: 3545987

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.8
138	16.9	13.8	20.8



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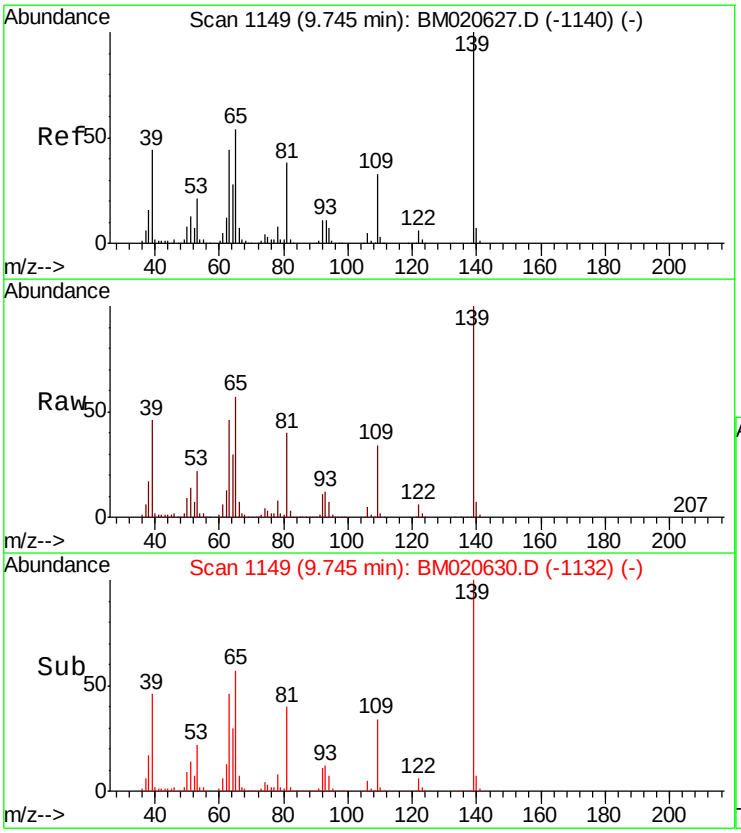
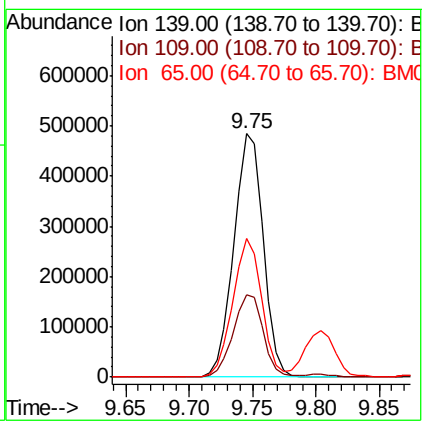
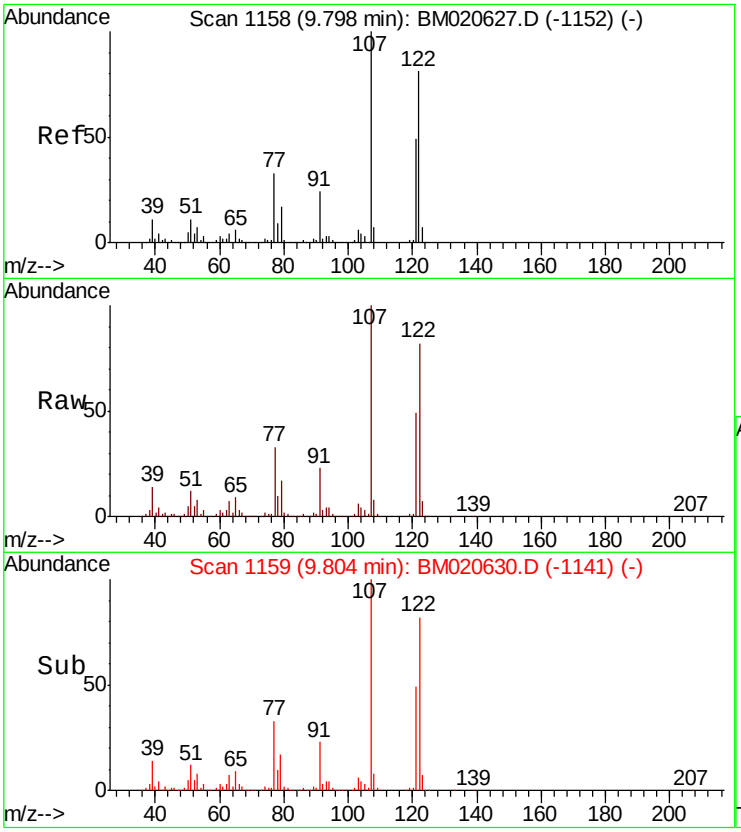


#26
2-Nitrophenol
Concen: 93.865 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:139 Resp: 779679

Ion	Ratio	Lower	Upper
139	100		
109	34.0	26.1	39.1
65	56.9	43.4	65.0

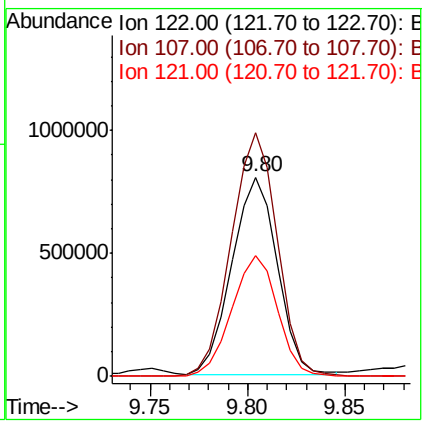




#27
2,4-Dimethylphenol
Concen: 79.248 ng
RT: 9.80 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:122 Resp: 1291347

Ion	Ratio	Lower	Upper
122	100		
107	122.4	98.0	147.0
121	60.5	48.2	72.4



Instrument :
BNA_M
ClientSampleId :
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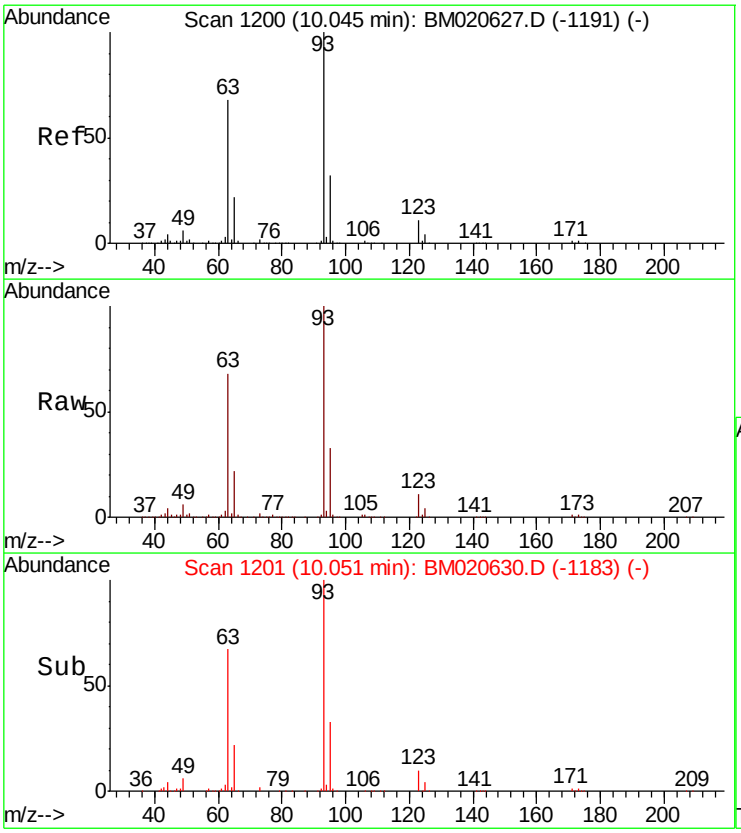
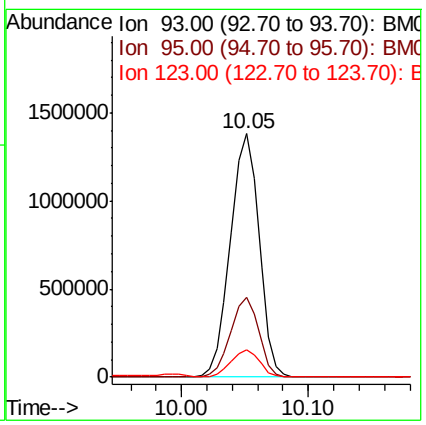
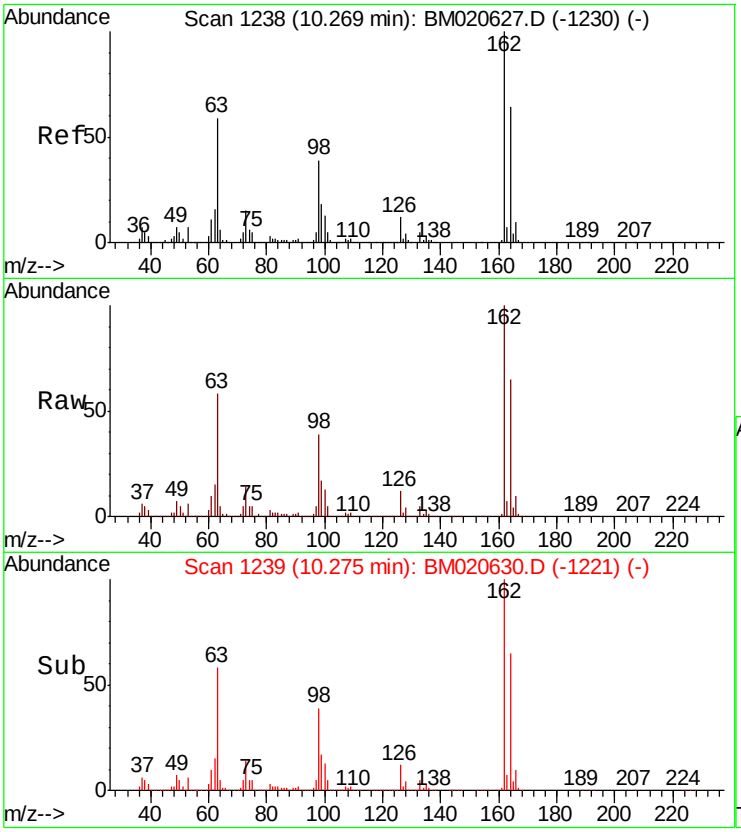


#28
bis(2-Chloroethoxy)methane
Concen: 80.559 ng
RT: 10.05 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 93 Resp: 2157726

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.0	9.0	13.6

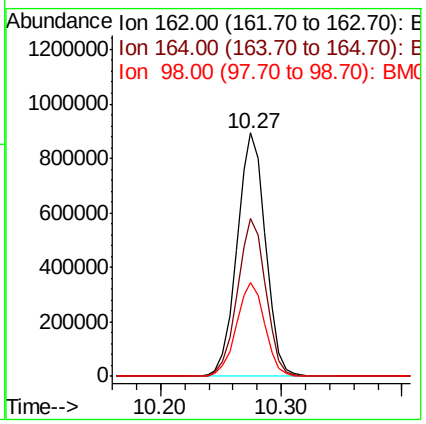




#29
2,4-Dichlorophenol
Concen: 80.487 ng
RT: 10.27 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:162 Resp: 1466113

Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.8	83.8
98	38.8	19.1	59.1



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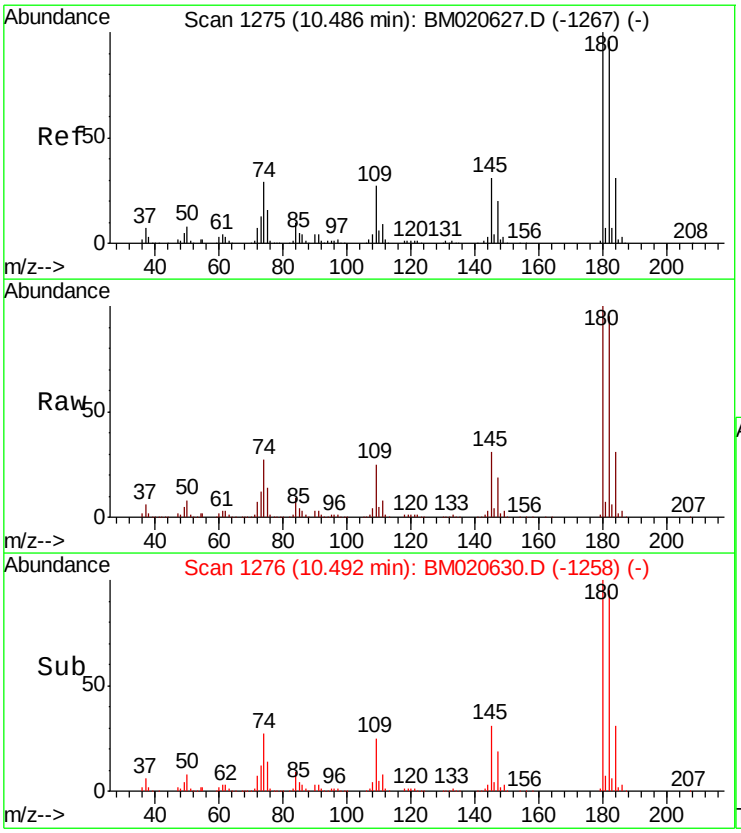
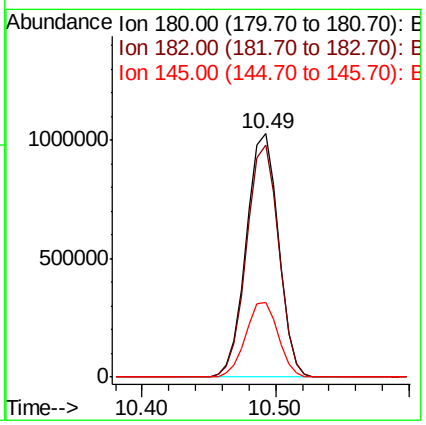
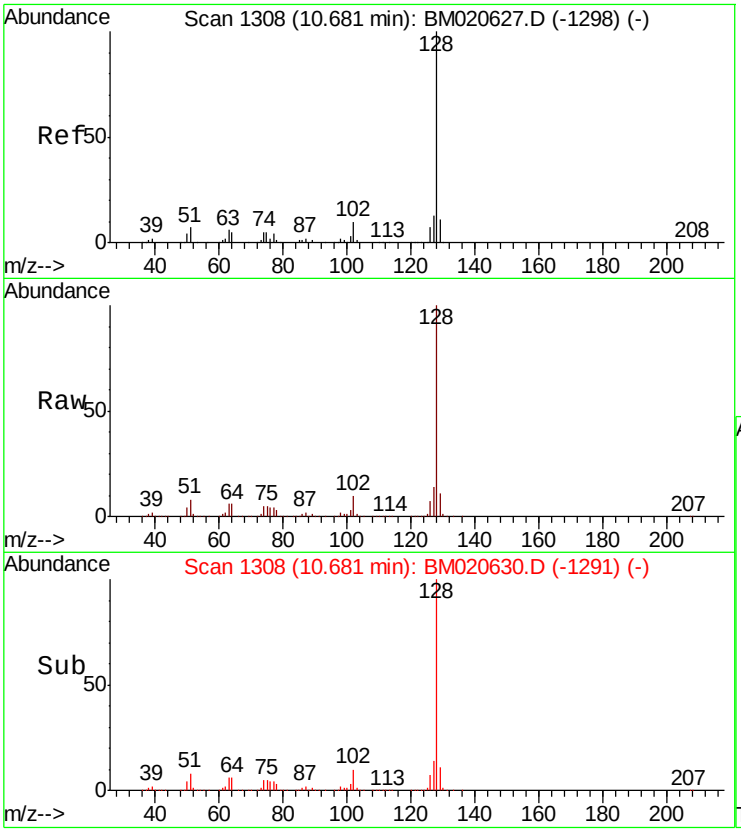


#30
1,2,4-Trichlorobenzene
Concen: 79.296 ng
RT: 10.49 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:180 Resp: 1704462

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.0	115.6
145	30.7	25.0	37.4

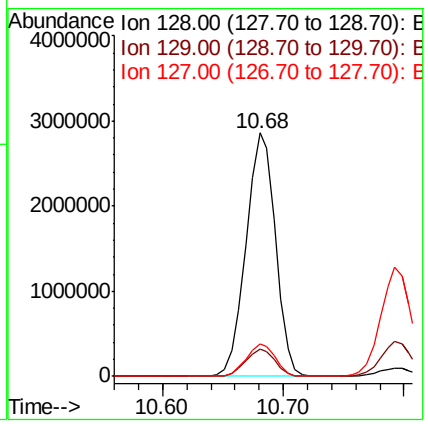




#31
Naphthalene
Concen: 79.969 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:128 Resp: 4865004

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.5	10.3	15.5



Instrument :
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ClientSampleId :
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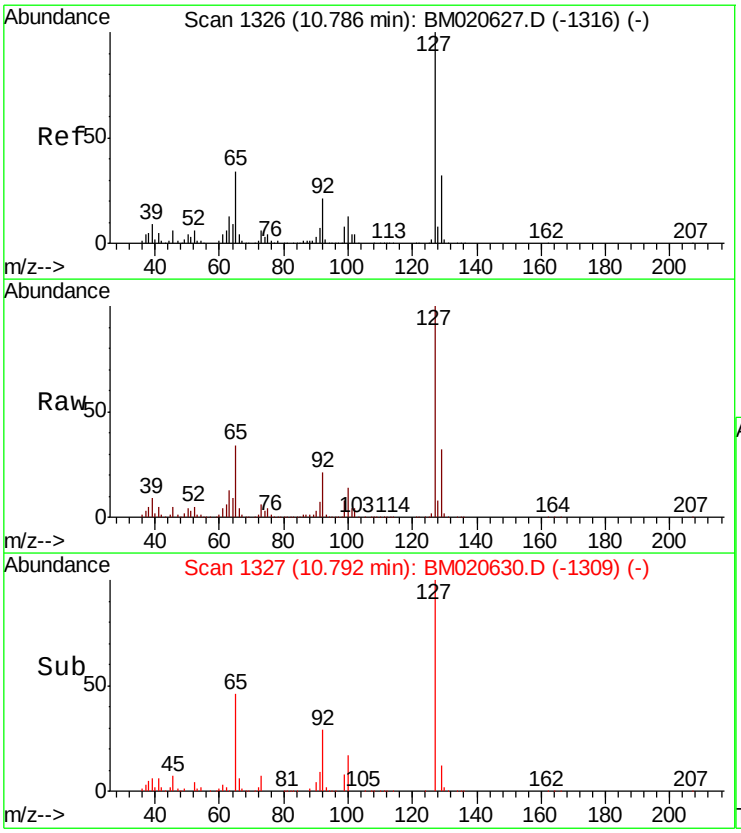
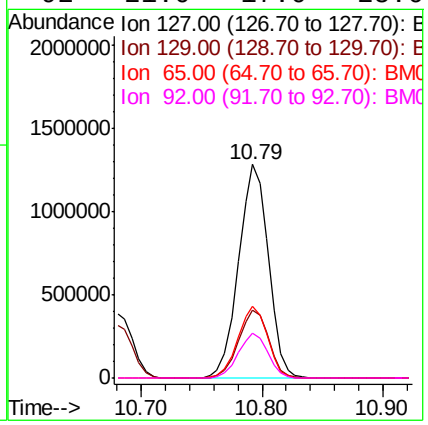
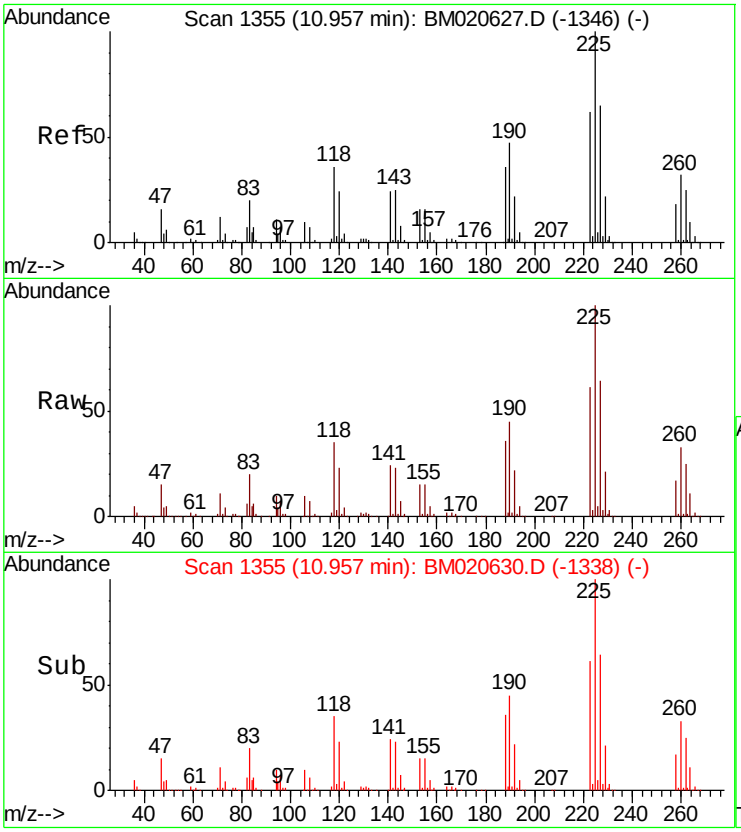


#33
4-Chloroaniline
Concen: 79.144 ng
RT: 10.79 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:127 Resp: 2202251

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	33.6	27.4	41.0
92	21.0	17.0	25.6

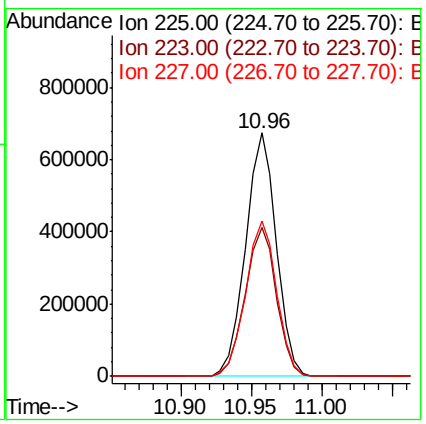




#34
Hexachlorobutadiene
Concen: 77.943 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:225 Resp: 1032423

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	63.9	51.8	77.8



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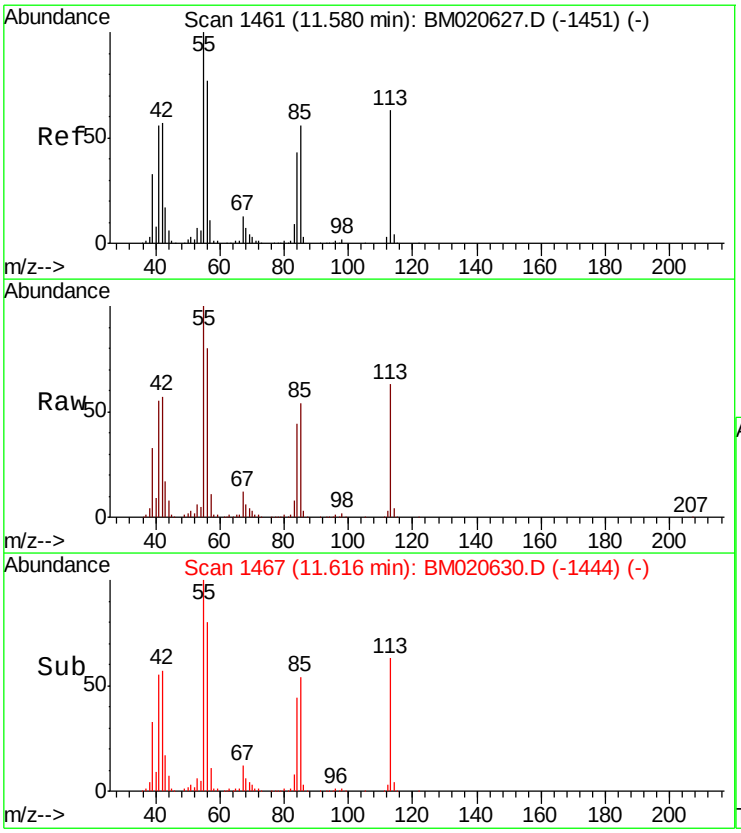
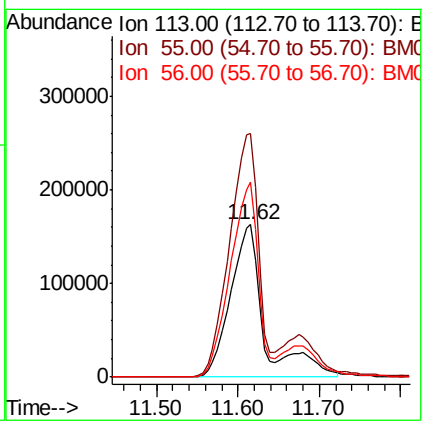
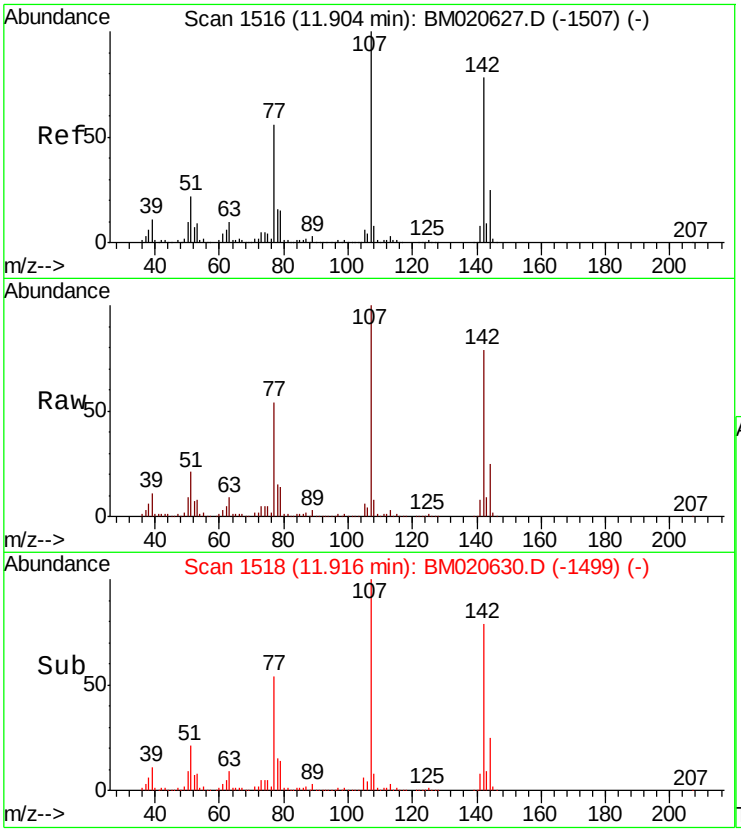


#35
Caprolactam
Concen: 76.719 ng m
RT: 11.62 min Scan# 1467
Delta R.T. 0.04 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:113 Resp: 467601

Ion	Ratio	Lower	Upper
113	100		
55	159.6	138.6	178.6
56	127.6	102.3	142.3

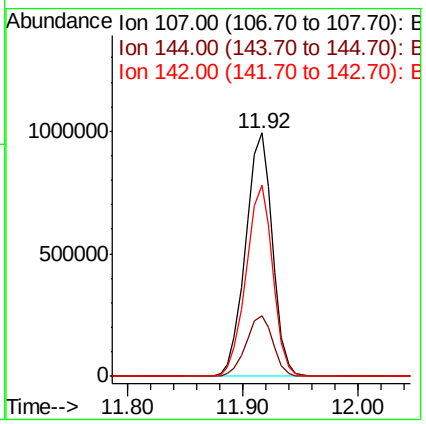




#36
4-Chloro-3-methylphenol
Concen: 80.102 ng
RT: 11.92 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:107 Resp: 1611369

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.3	30.5
142	78.7	62.6	93.8



Instrument :
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ClientSampleId :
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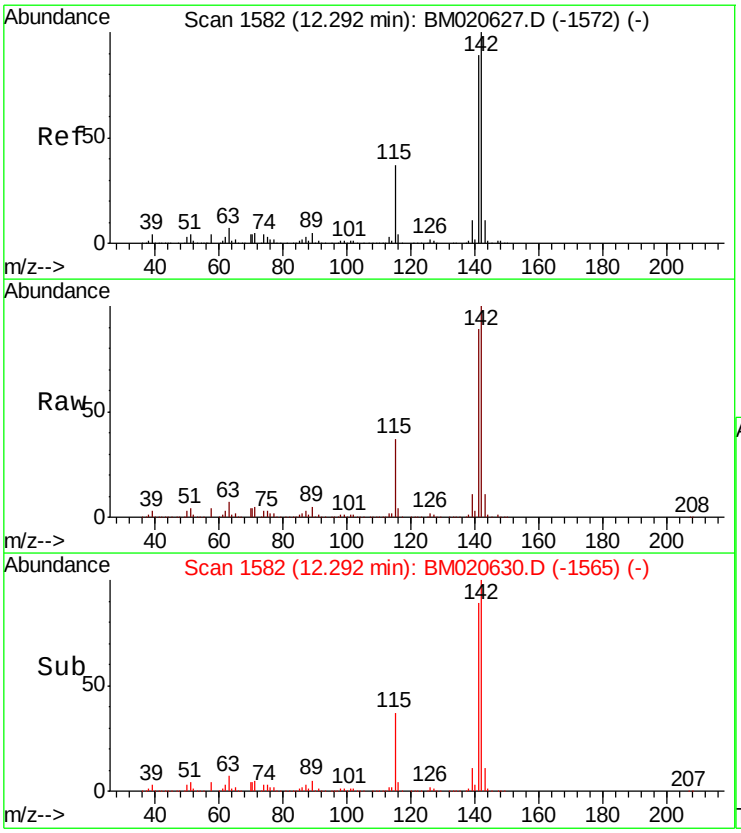
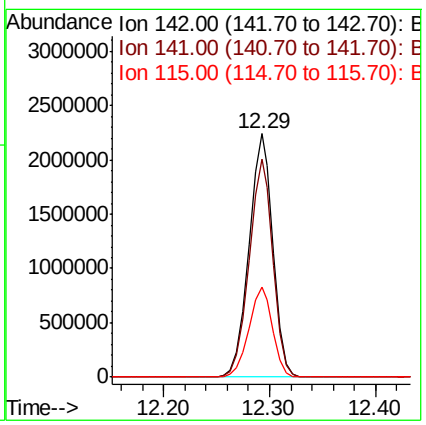
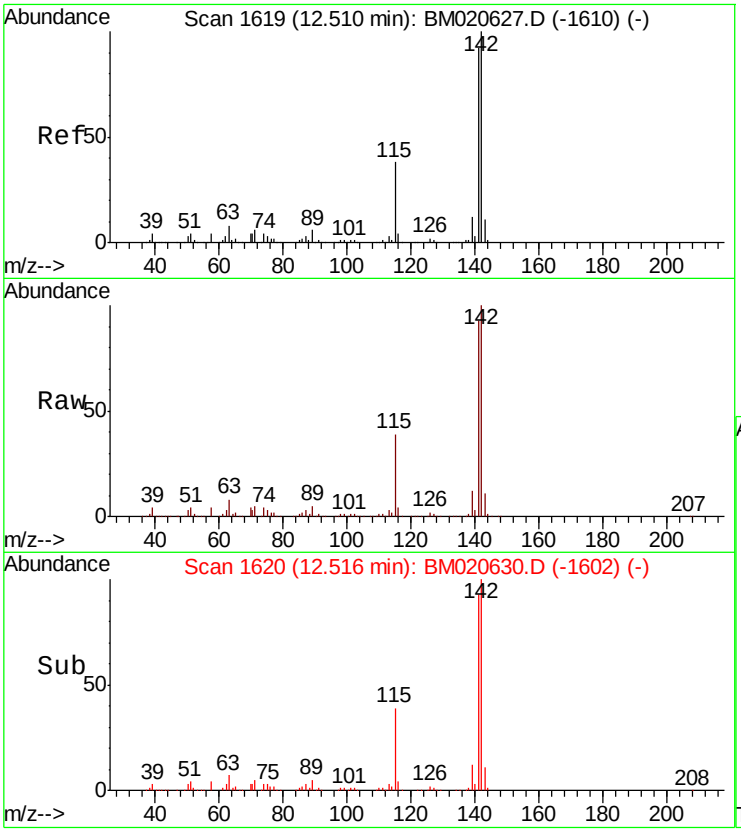


#37
2-Methylnaphthalene
Concen: 78.835 ng
RT: 12.29 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:142 Resp: 3515651

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4
115	36.9	29.6	44.4

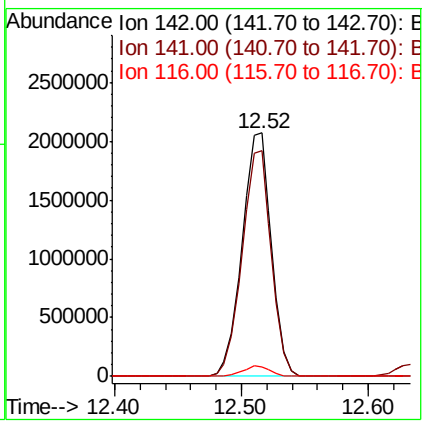




#38
1-Methylnaphthalene
Concen: 78.119 ng
RT: 12.52 min Scan# 1620
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:142 Resp: 3304210

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.9	110.9
116	3.9	3.2	4.8



Instrument :
BNA_M
ClientSampleId :
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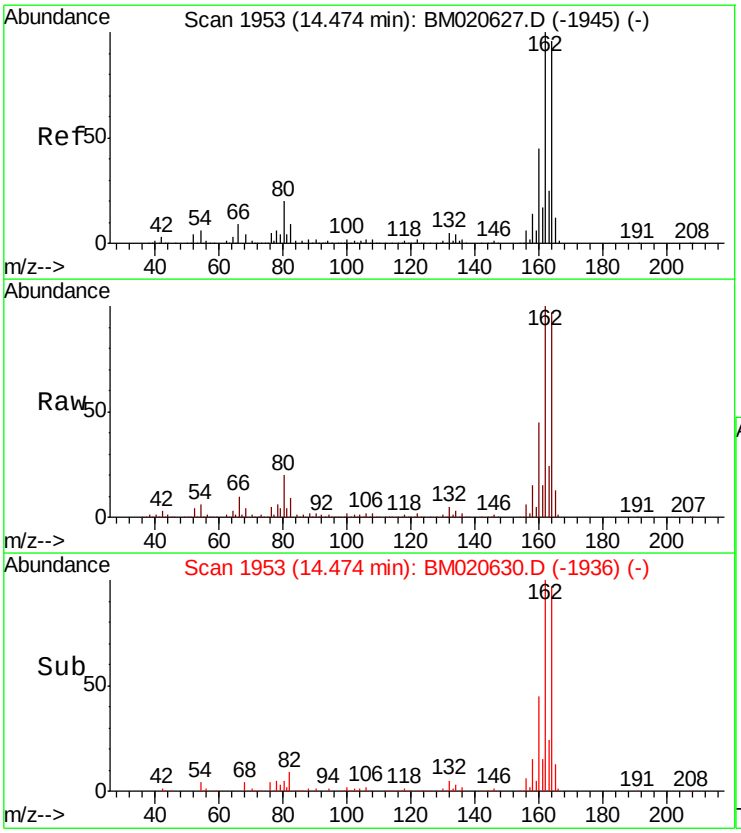
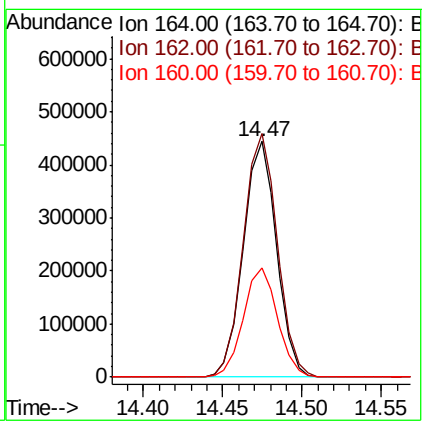
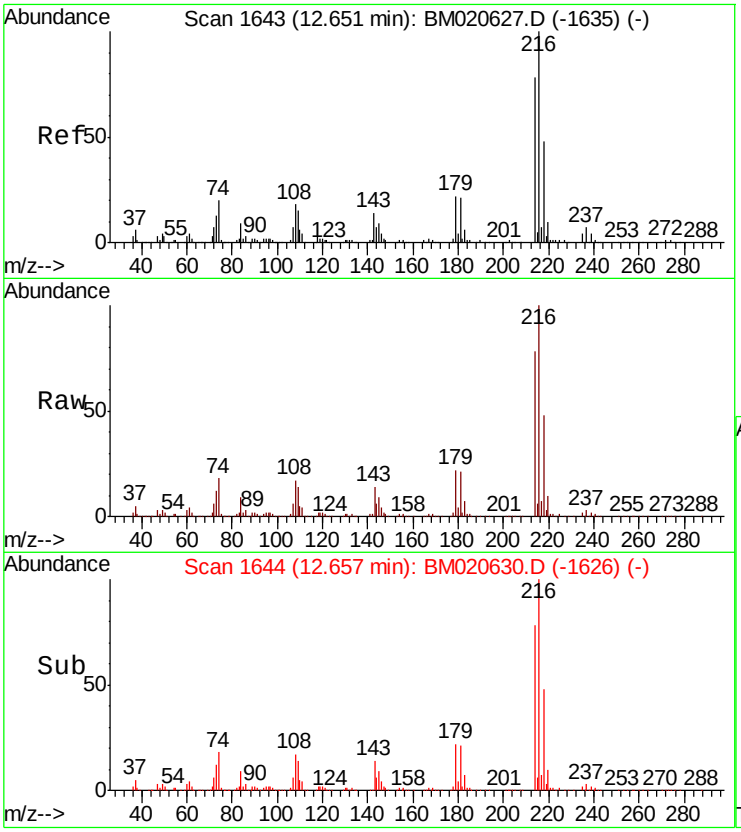


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:164 Resp: 648267

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.2	124.8
160	46.4	37.5	56.3

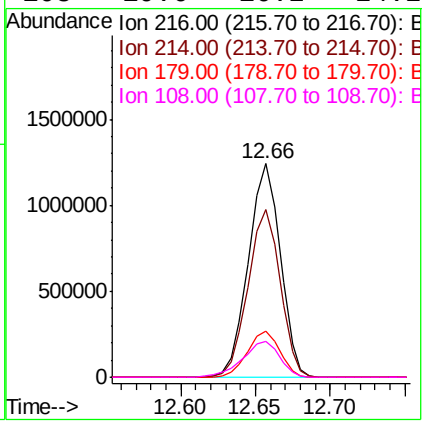




#40
1,2,4,5-Tetrachlorobenzene
Concen: 81.926 ng
RT: 12.66 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:216 Resp: 1839980

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.8	17.9	26.9
108	19.6	16.2	24.2



Instrument :
BNA_M
ClientSampleId :
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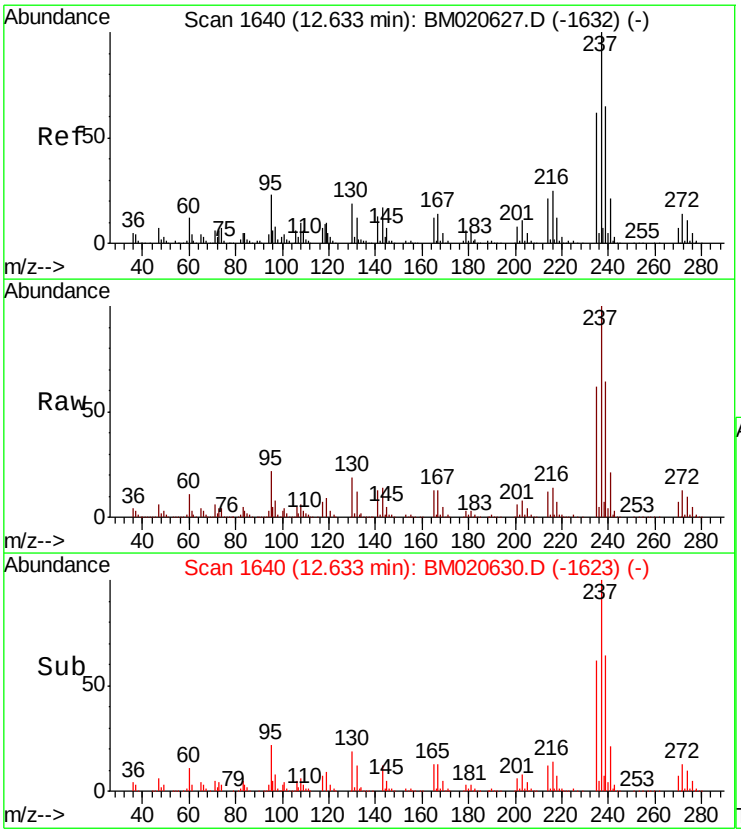
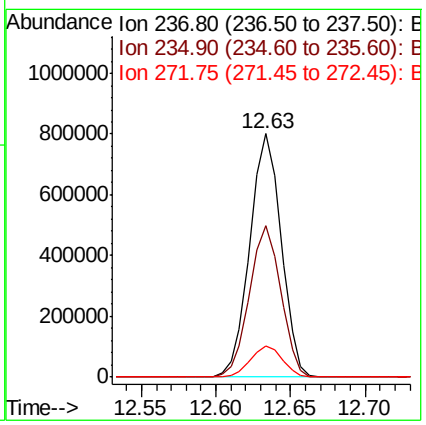
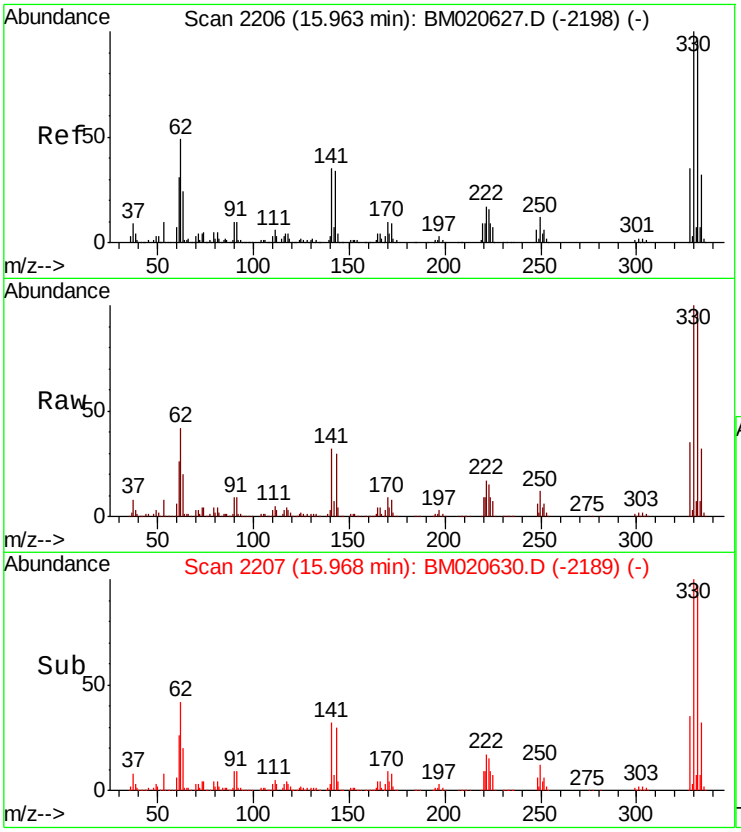


#41
Hexachlorocyclopentadiene
Concen: 87.650 ng
RT: 12.63 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:237 Resp: 1163201

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.1	82.1
272	12.8	0.0	33.5

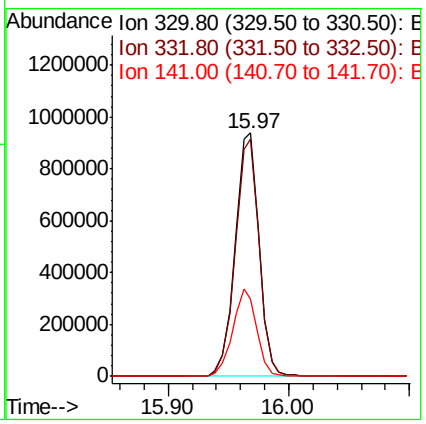




#42
2,4,6-Tribromophenol
Concen: 158.819 ng
RT: 15.97 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:330 Resp: 1299107

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	35.8	30.4	45.6



Instrument :
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ClientSampleId :
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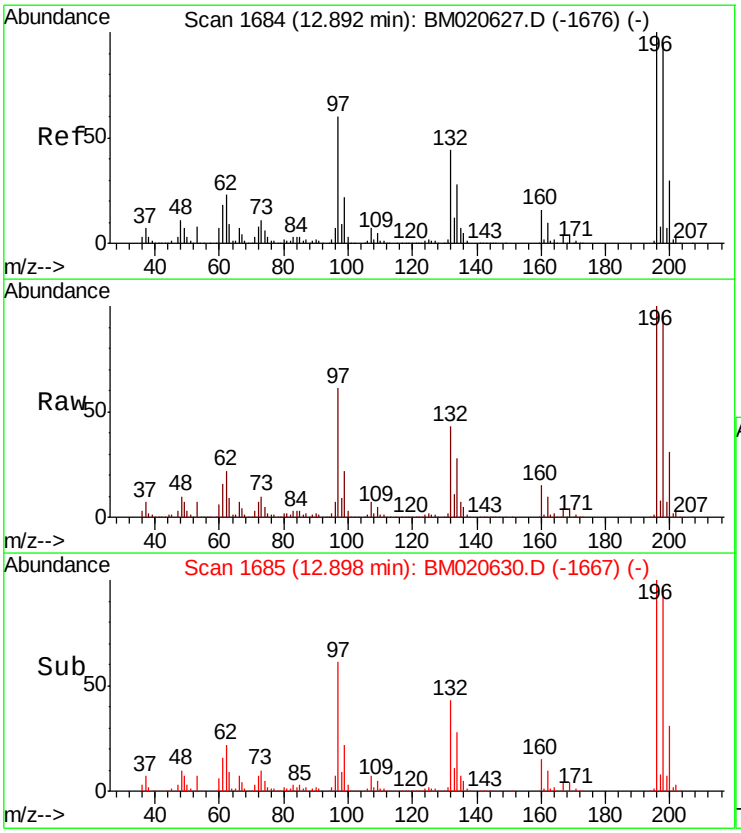
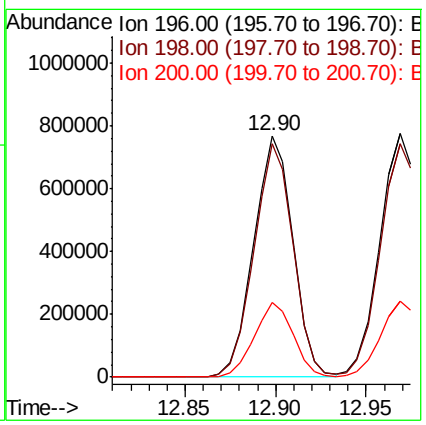
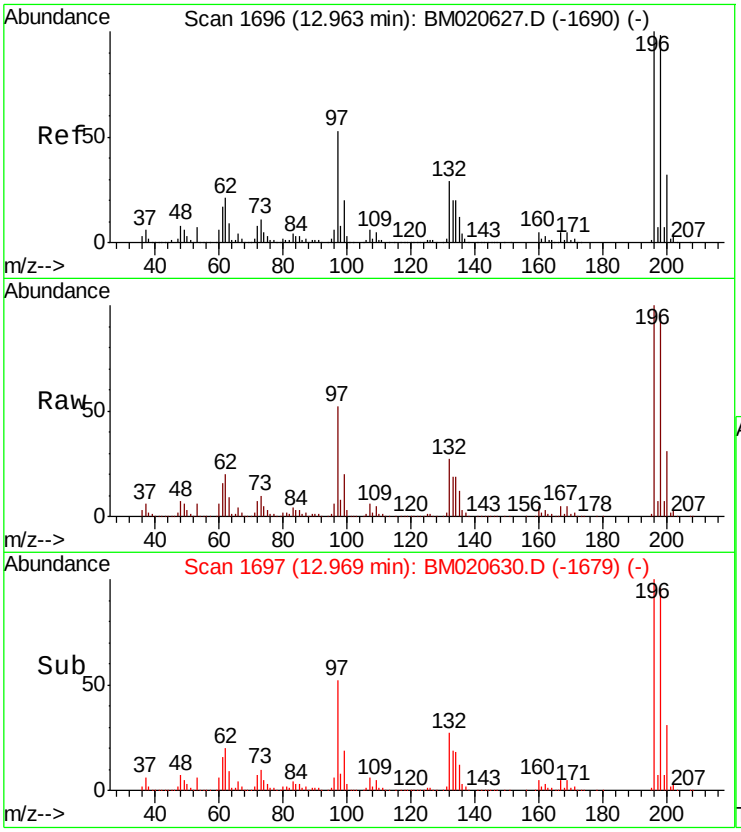


#43
2,4,6-Trichlorophenol
Concen: 84.040 ng
RT: 12.90 min Scan# 1685
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:196 Resp: 1156195

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.7	113.5
200	30.9	23.9	35.9

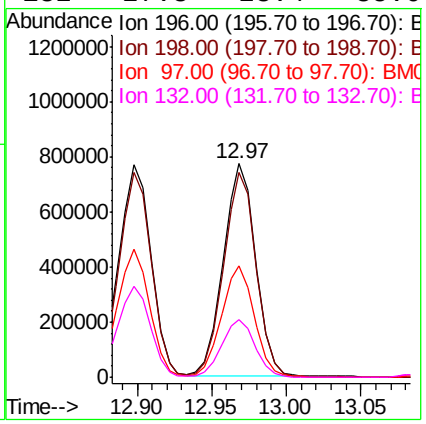




#44
2,4,5-Trichlorophenol
Concen: 84.280 ng
RT: 12.97 min Scan# 1697
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:196 Resp: 1179581

Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.6	117.8
97	52.3	42.7	64.1
132	27.3	23.4	35.0



Instrument :
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ClientSampleId :
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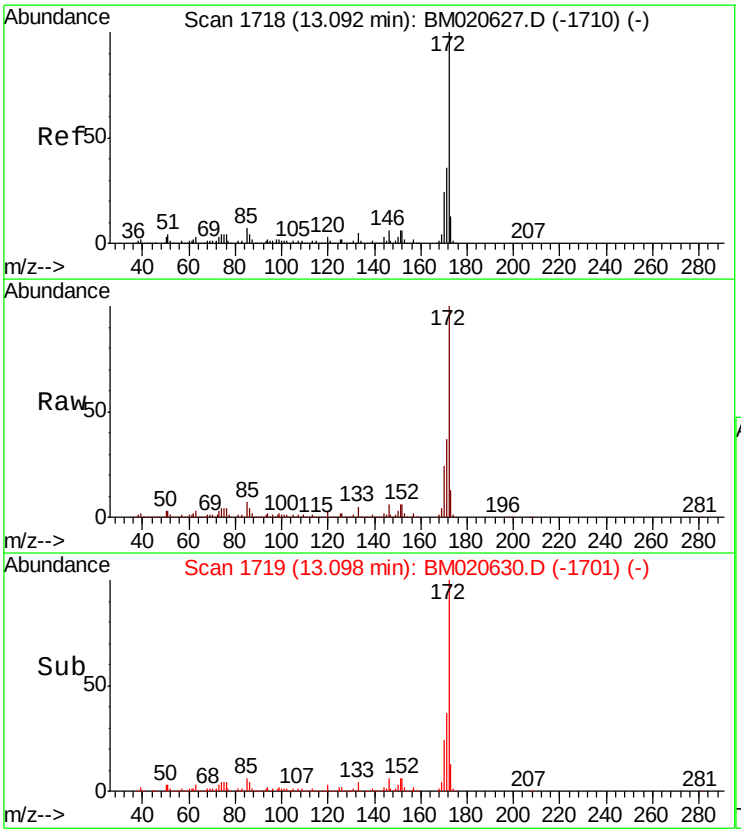
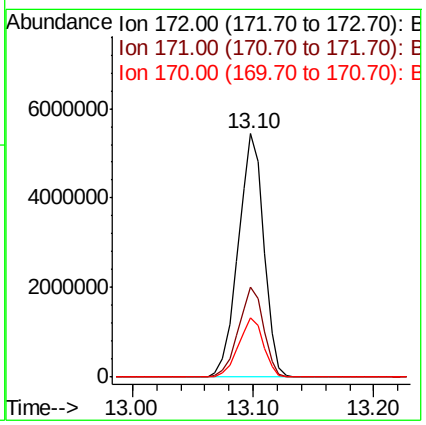
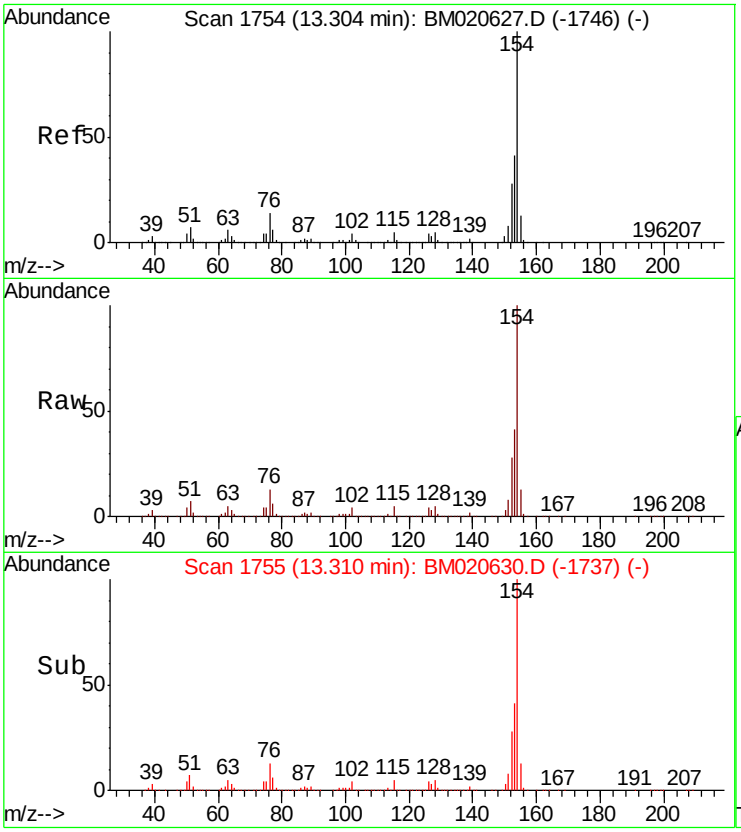


#45
2-Fluorobiphenyl
Concen: 161.450 ng
RT: 13.10 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:172 Resp: 8030751

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.2	18.9	28.3

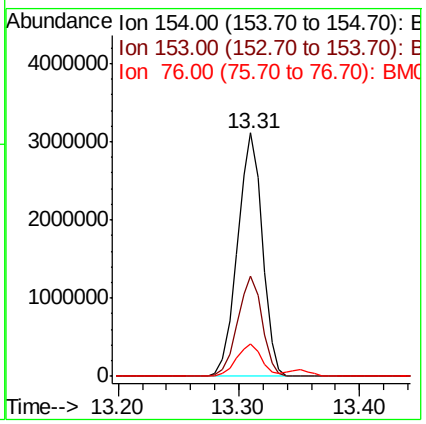




#46
1,1'-Biphenyl
Concen: 81.031 ng
RT: 13.31 min Scan# 1755
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:154 Resp: 4446326

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	13.4	0.0	34.0



Instrument :
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ClientSampleId :
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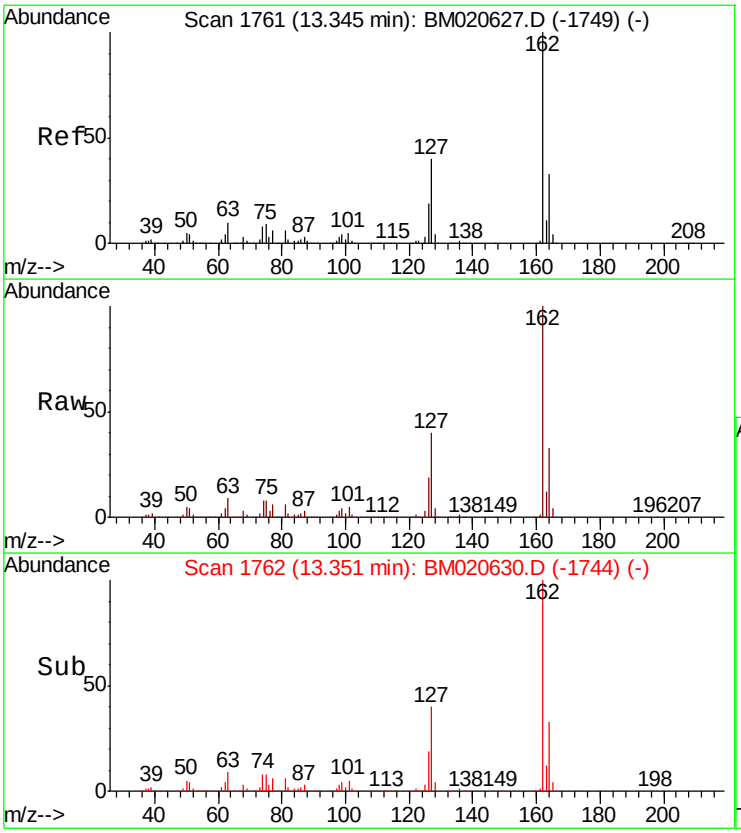
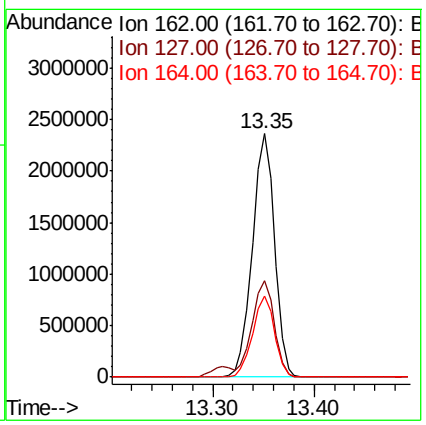
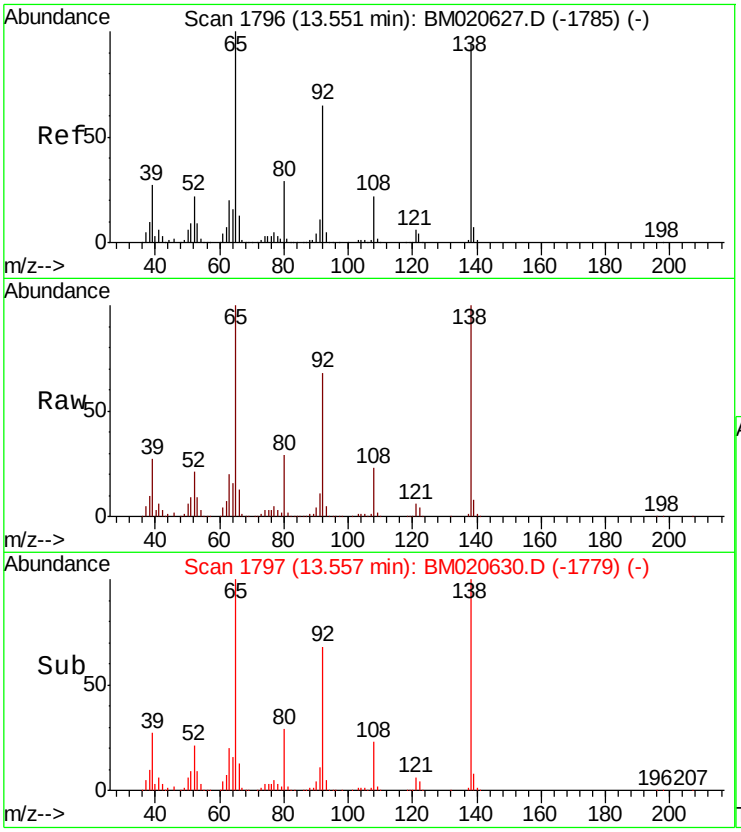


#47
2-Chloronaphthalene
Concen: 81.115 ng
RT: 13.35 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:162 Resp: 3582851

Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.1	48.1
164	33.3	26.6	39.8

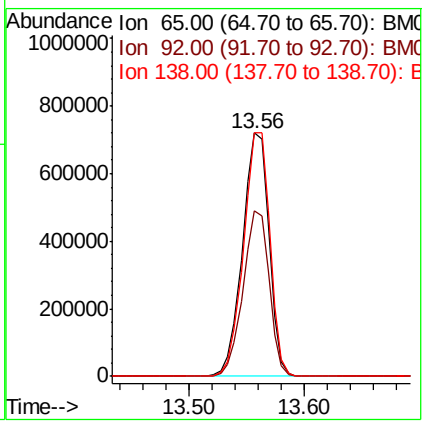




#48
2-Nitroaniline
Concen: 98.097 ng
RT: 13.56 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 65 Resp: 1151060

Ion	Ratio	Lower	Upper
65	100		
92	68.0	52.2	78.4
138	99.9	75.4	113.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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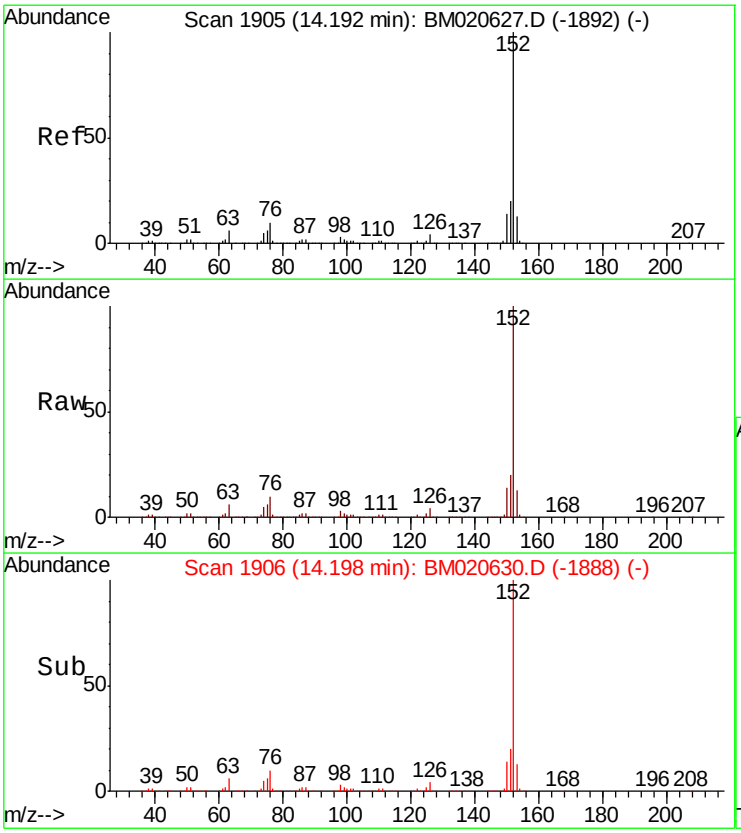
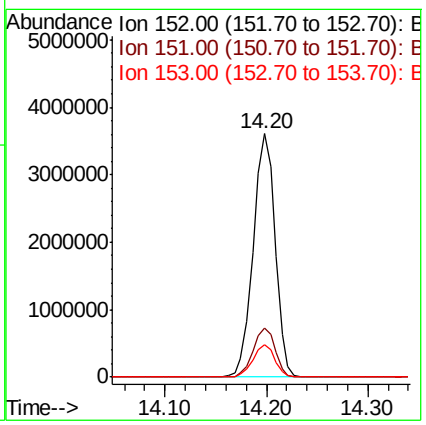
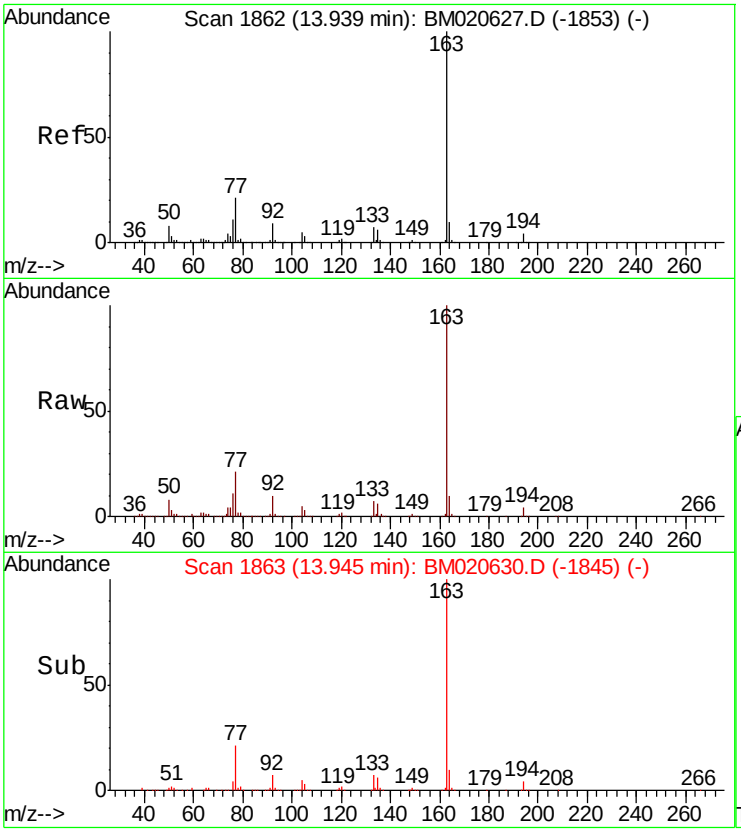


#49
Acenaphthylene
Concen: 79.423 ng
RT: 14.20 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:152 Resp: 5442450

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.2	10.6	15.8

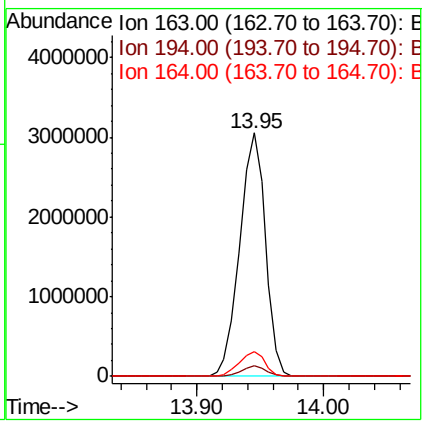




#50
Dimethylphthalate
Concen: 77.563 ng
RT: 13.95 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:163 Resp: 4285651

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
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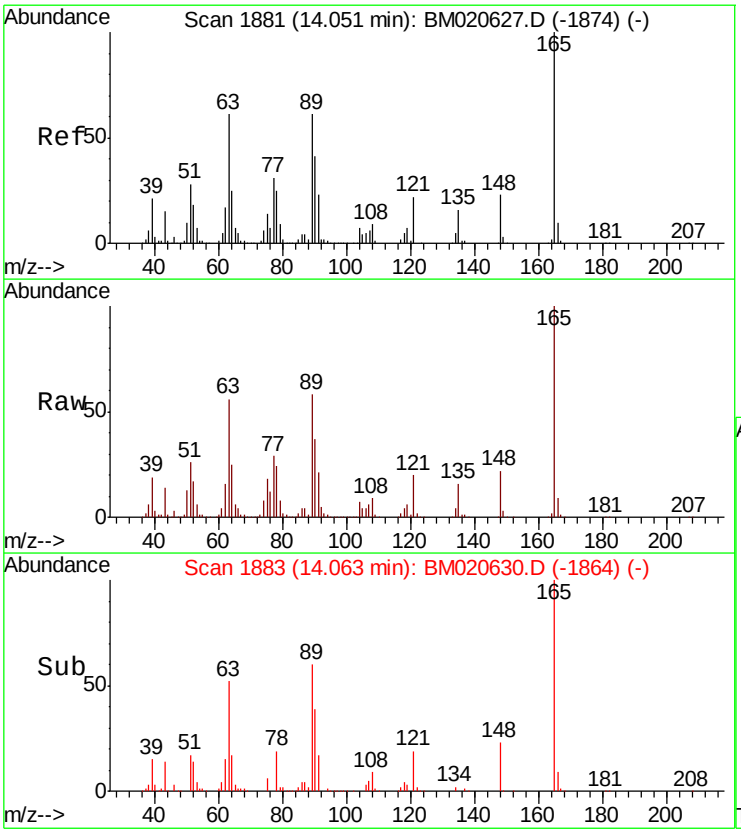
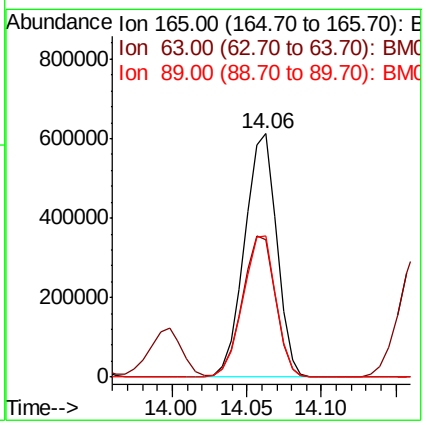
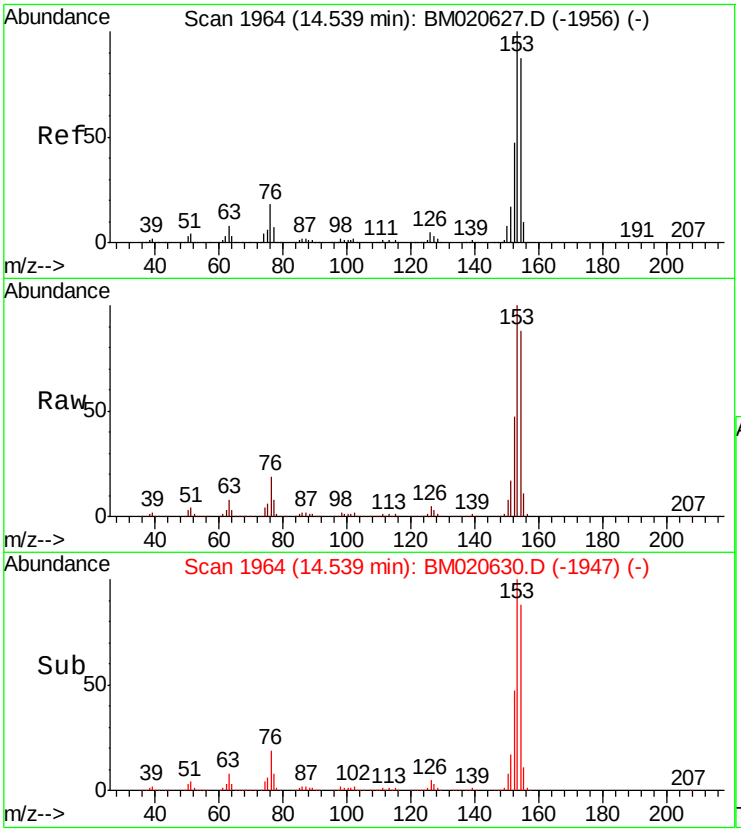


#51
2,6-Dinitrotoluene
Concen: 85.471 ng
RT: 14.06 min Scan# 1883
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:165 Resp: 907386

Ion	Ratio	Lower	Upper
165	100		
63	56.5	50.4	75.6
89	57.7	49.1	73.7

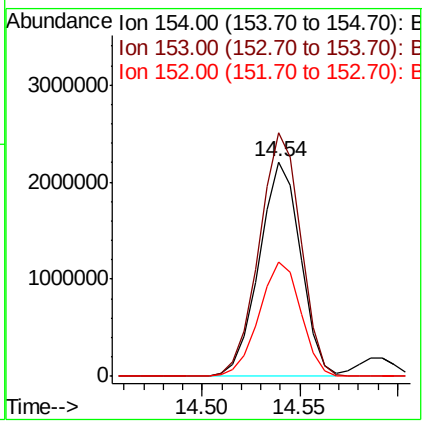




#52
Acenaphthene
Concen: 79.373 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:154 Resp: 3241602

Ion	Ratio	Lower	Upper
154	100		
153	113.7	92.4	138.6
152	53.4	43.4	65.0



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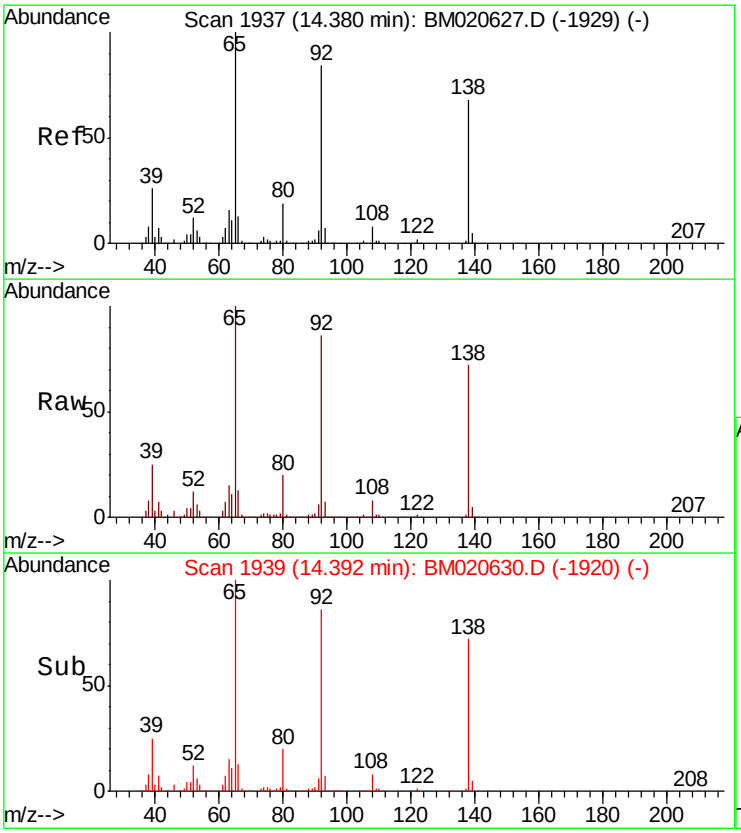
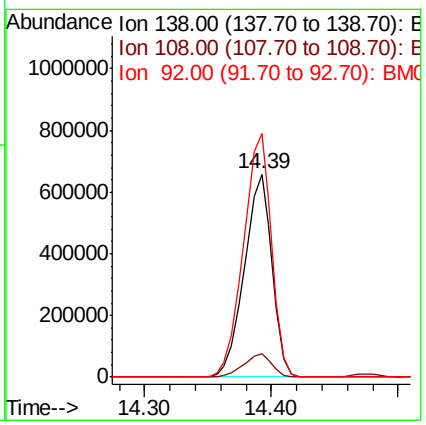
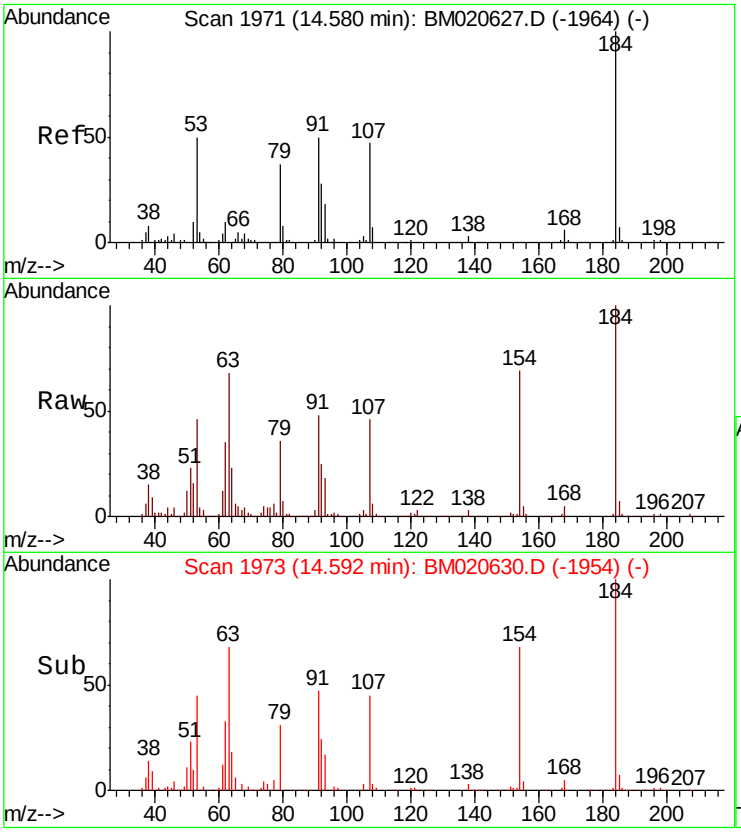


#53
3-Nitroaniline
Concen: 85.916 ng
RT: 14.39 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:138 Resp: 999143

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.5	14.3
92	120.0	99.6	149.4

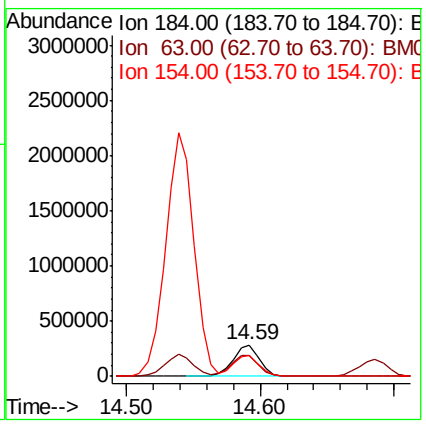




#54
2,4-Dinitrophenol
Concen: 117.475 ng
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:184 Resp: 386738

Ion	Ratio	Lower	Upper
184	100		
63	68.1	59.3	88.9
154	68.7	56.5	84.7



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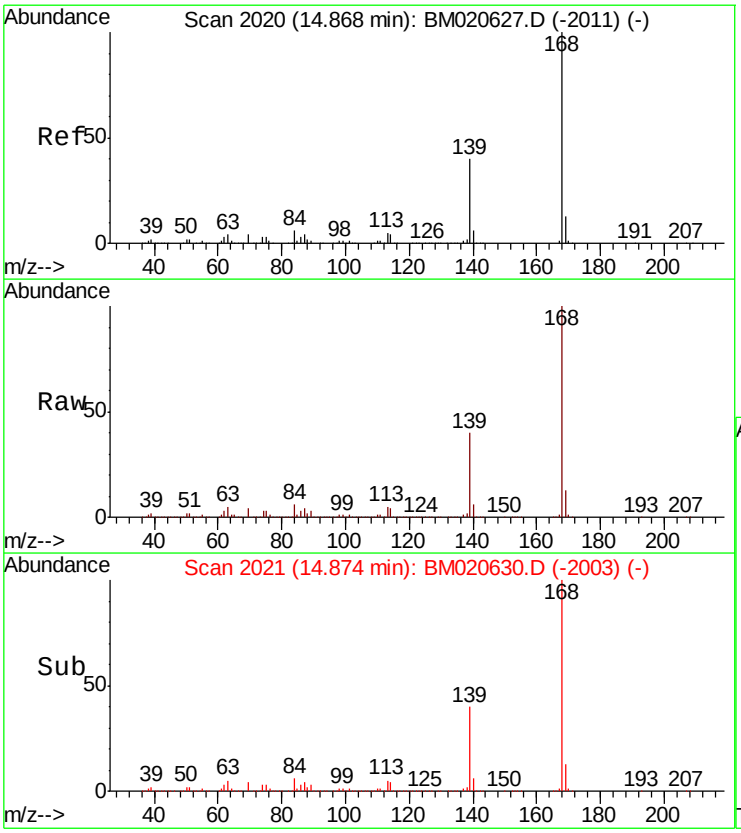
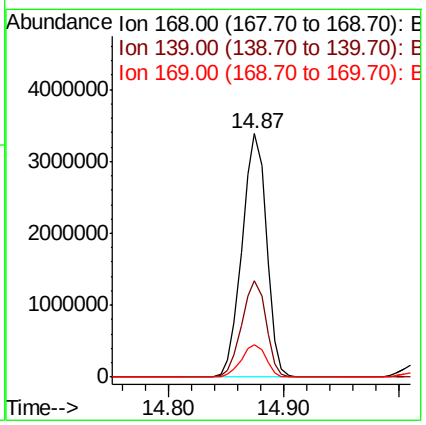
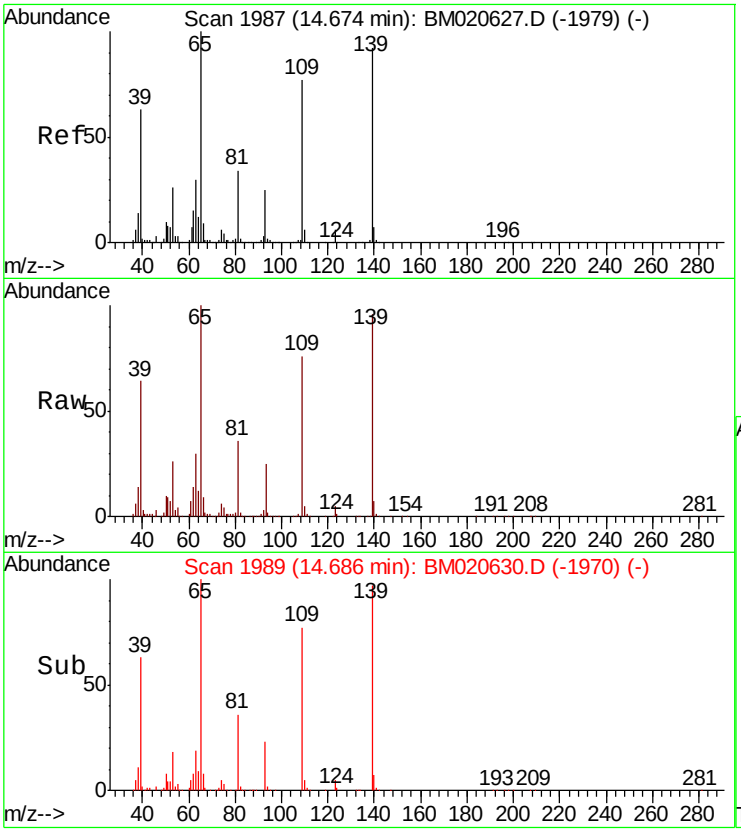


#55
Dibenzofuran
Concen: 78.812 ng
RT: 14.87 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:168 Resp: 4990435

Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.9	47.9
169	13.4	10.7	16.1

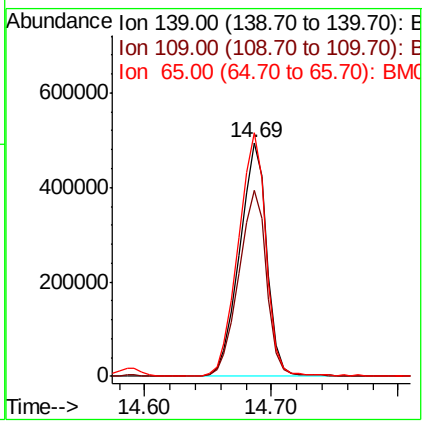




#56
4-Nitrophenol
Concen: 85.718 ng
RT: 14.69 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:139 Resp: 740234

Ion	Ratio	Lower	Upper
139	100		
109	79.4	62.7	102.7
65	104.1	88.3	128.3



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ClientSampleId :
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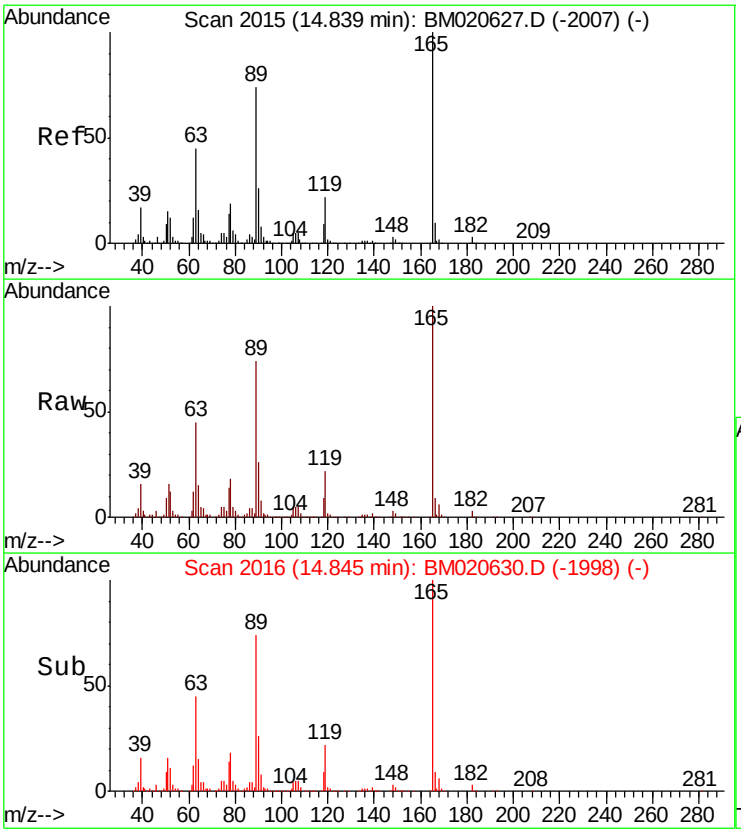
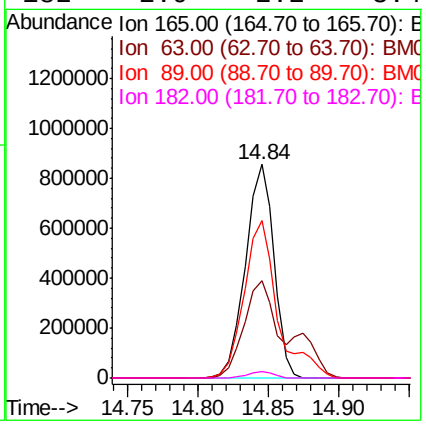
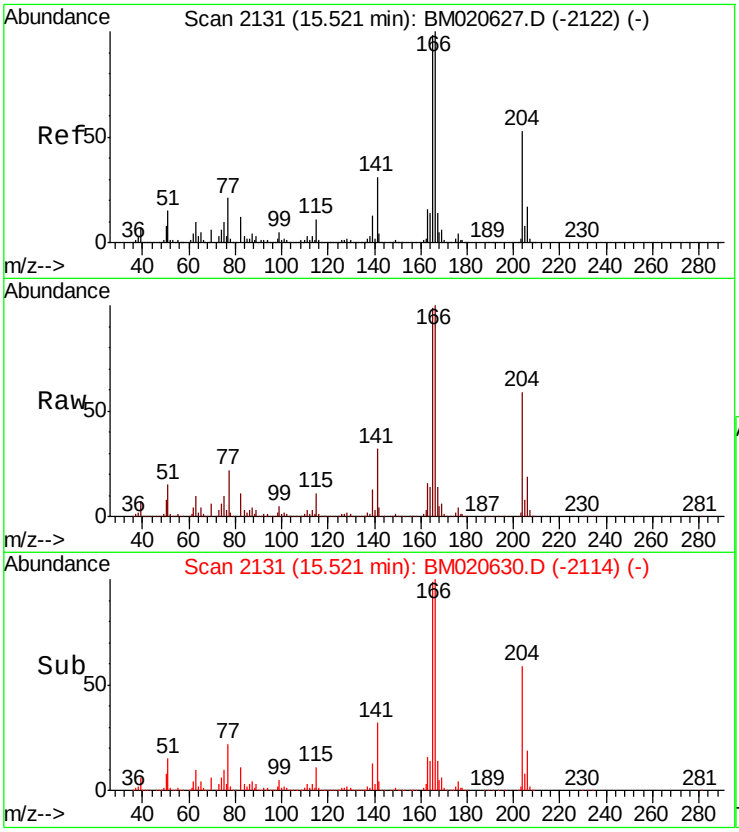


#57
2,4-Dinitrotoluene
Concen: 87.138 ng
RT: 14.84 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:165 Resp: 1215977

Ion	Ratio	Lower	Upper
165	100		
63	45.3	36.3	54.5
89	73.6	59.0	88.6
182	2.9	2.2	3.4

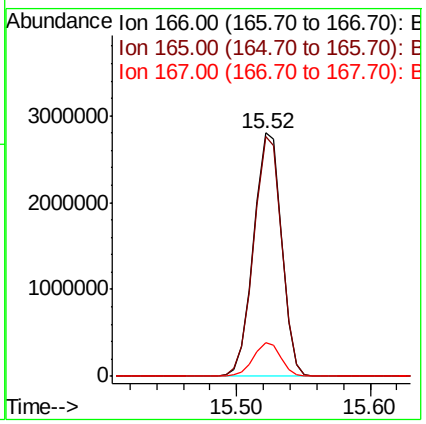




#58
Fluorene
Concen: 77.635 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:166 Resp: 4027811

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.8	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
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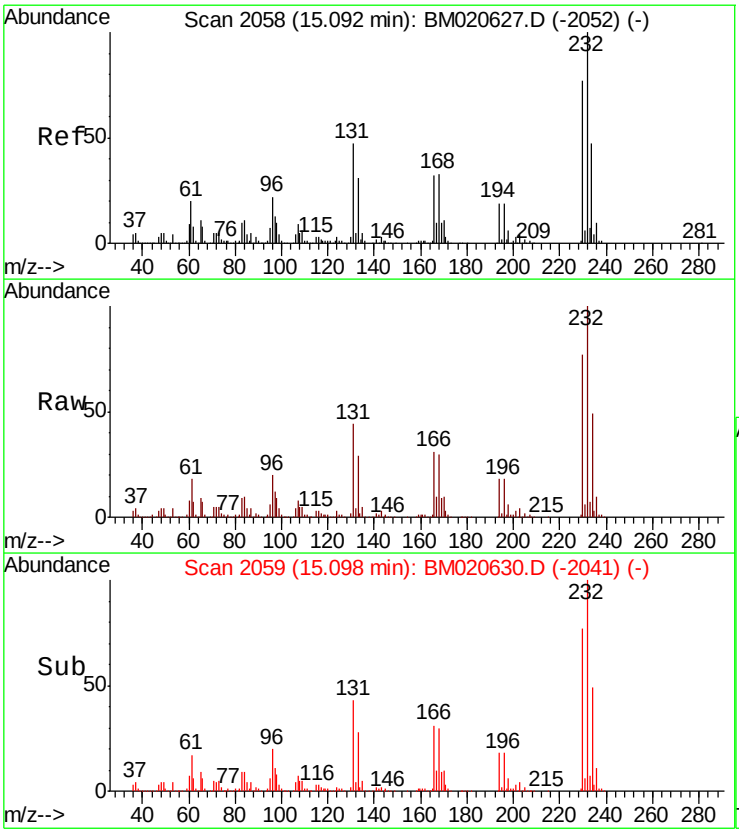
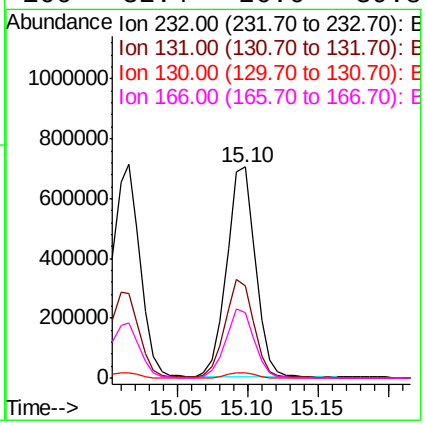
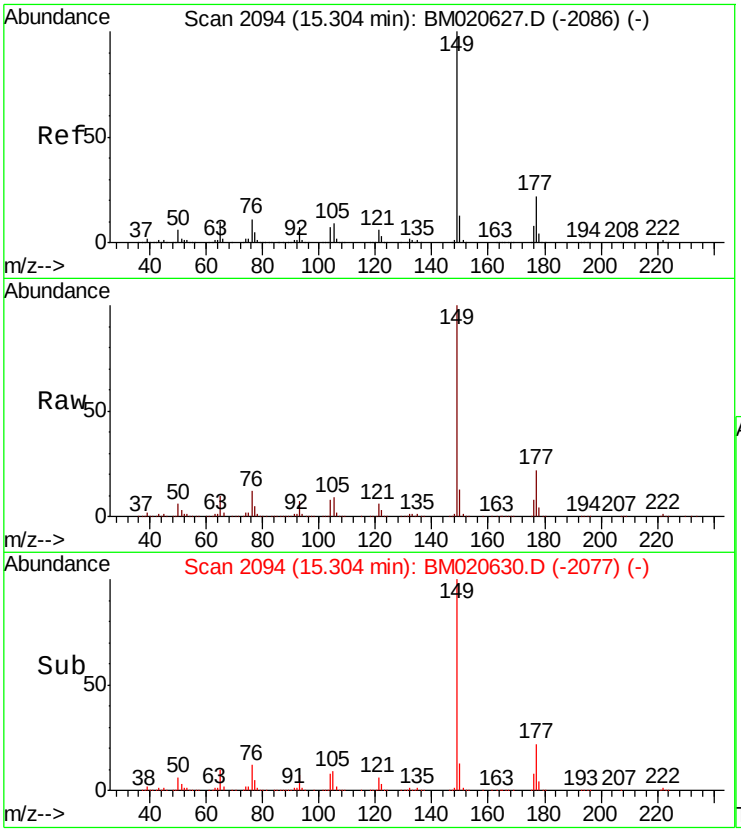


#59
2,3,4,6-Tetrachlorophenol
Concen: 81.182 ng
RT: 15.10 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:232 Resp: 994597

Ion	Ratio	Lower	Upper
232	100		
131	46.8	38.6	57.8
130	2.6	2.2	3.2
166	32.4	26.6	39.8

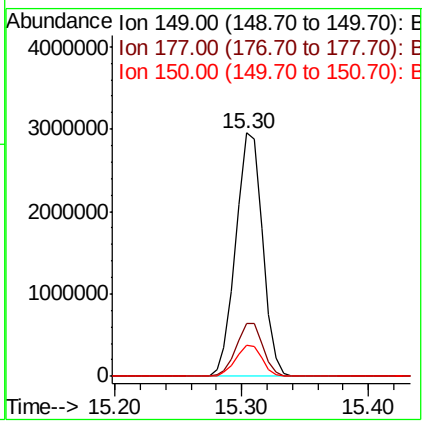




#60
Diethylphthalate
Concen: 76.180 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:149 Resp: 4306537

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



Instrument :
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ClientSampleId :
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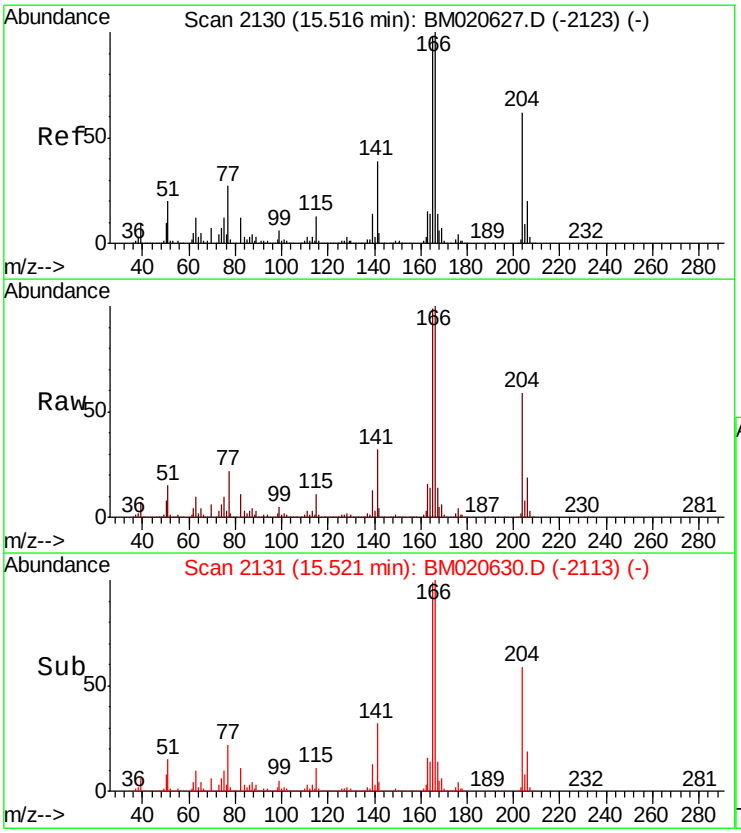
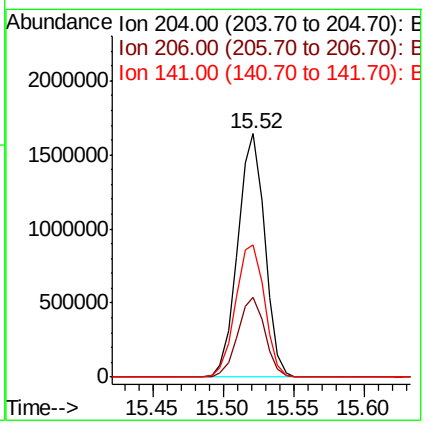
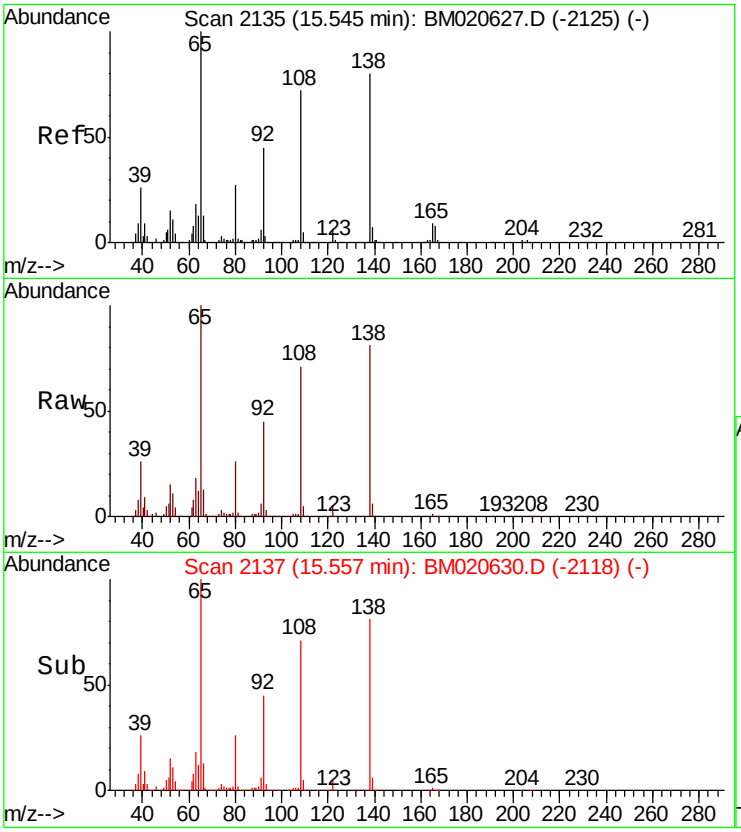


#61
4-Chlorophenyl-phenylether
Concen: 79.015 ng
RT: 15.52 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:204 Resp: 2197352

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	54.4	50.2	75.4

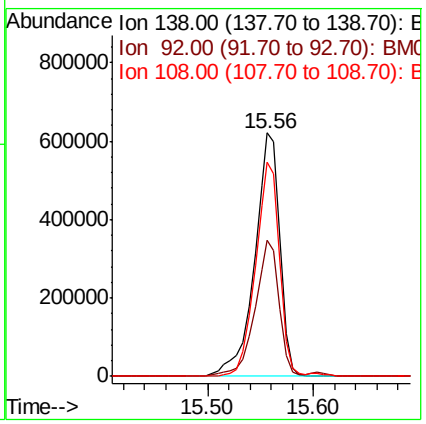




#62
4-Nitroaniline
Concen: 83.993 ng
RT: 15.56 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:138 Resp: 1035478

Ion	Ratio	Lower	Upper
138	100		
92	55.7	36.7	76.7
108	87.9	70.3	110.3



Instrument :
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ClientSampleId :
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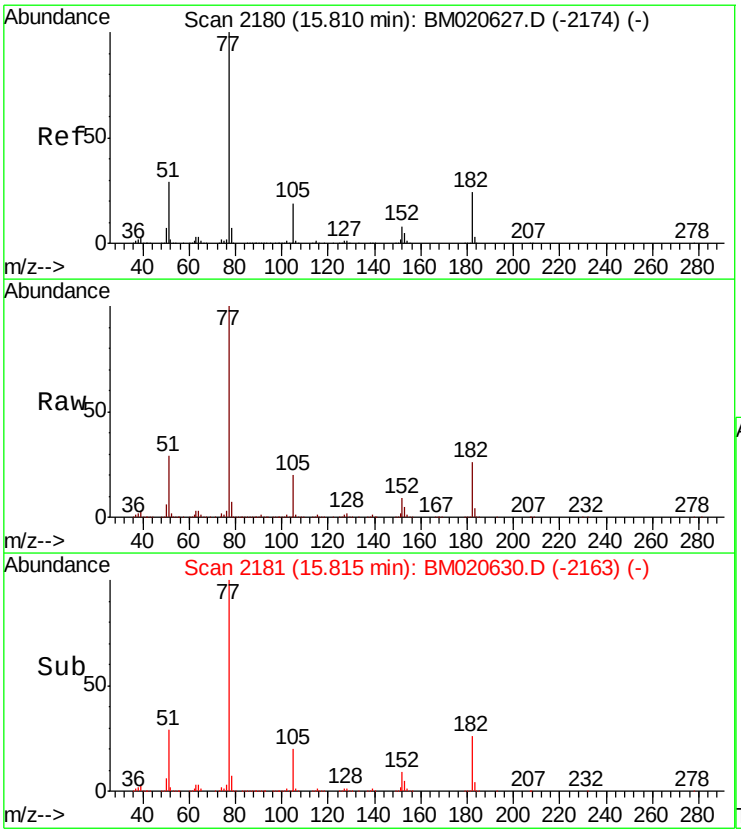
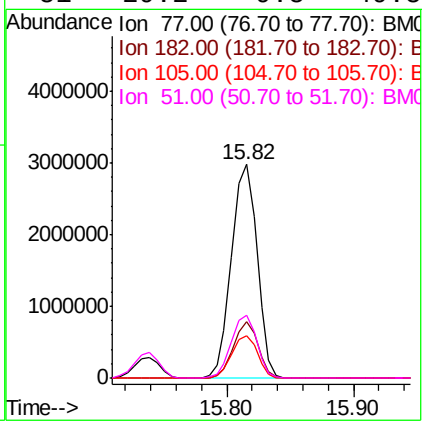
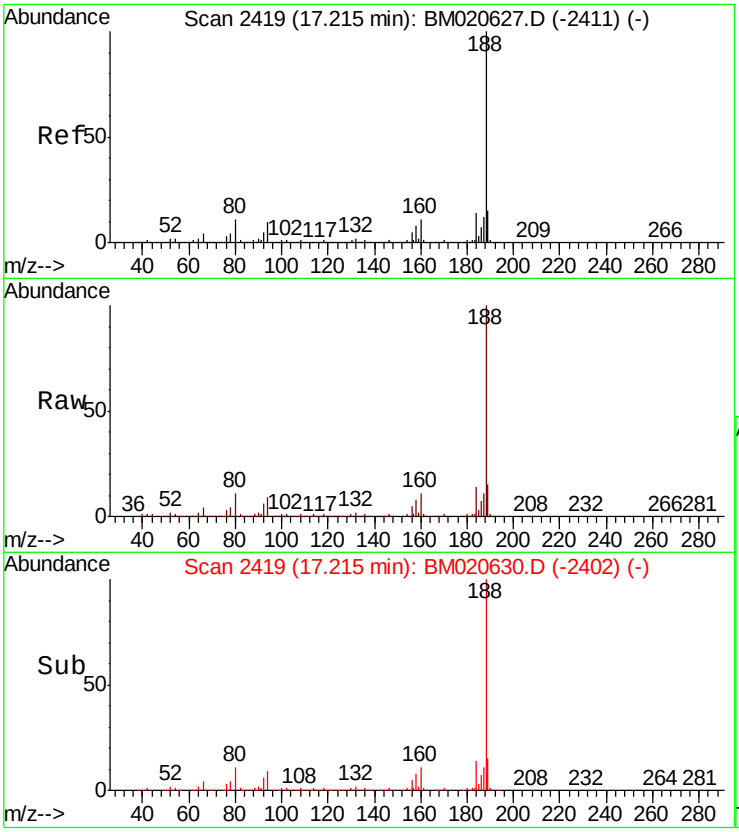


#63
Azobenzene
Concen: 78.553 ng
RT: 15.82 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion: 77 Resp: 4159020

Ion	Ratio	Lower	Upper
77	100		
182	26.3	3.6	43.6
105	19.8	0.0	39.4
51	29.2	9.5	49.5

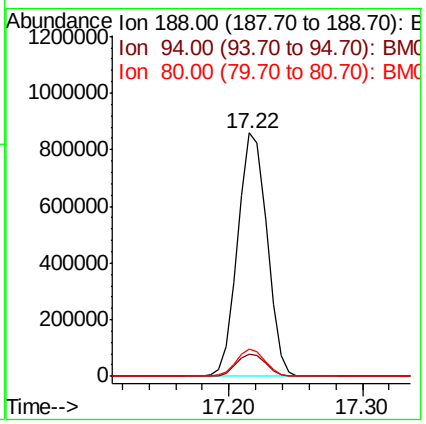




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:188 Resp: 1305568

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.8
80	11.0	9.0	13.6



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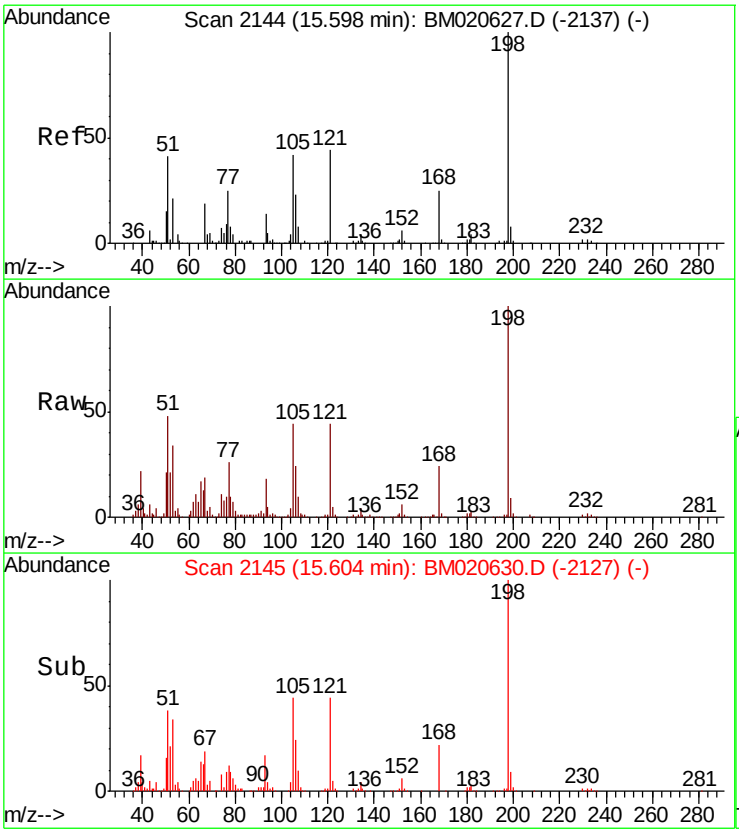
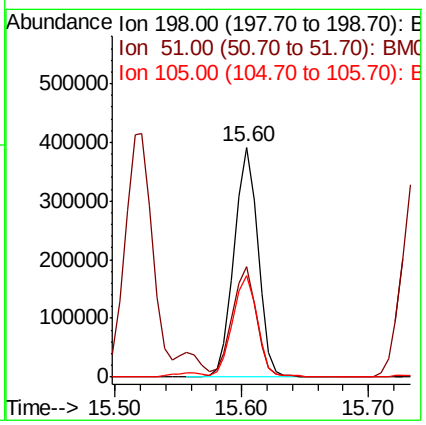
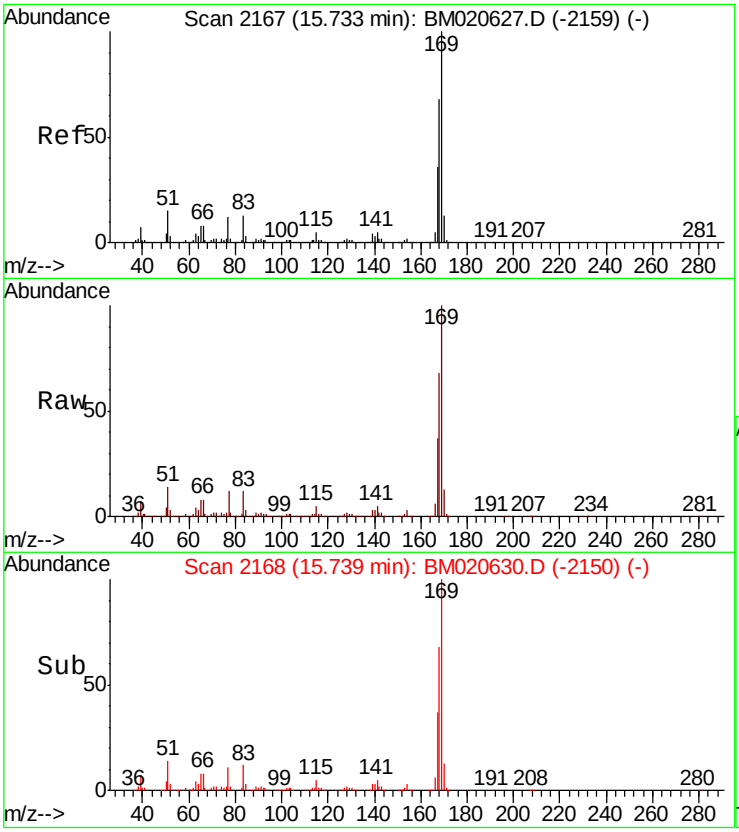


#65
4,6-Dinitro-2-methylphenol
Concen: 114.009 ng
RT: 15.60 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:198 Resp: 511058

Ion	Ratio	Lower	Upper
198	100		
51	47.8	27.7	67.7
105	44.1	23.8	63.8

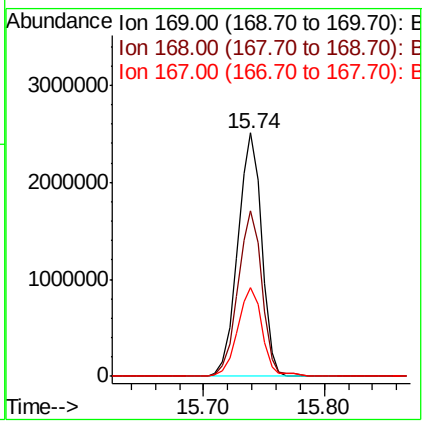




#66
n-Nitrosodiphenylamine
Concen: 82.617 ng
RT: 15.74 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:169 Resp: 3460727

Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.2	81.4
167	36.6	29.1	43.7



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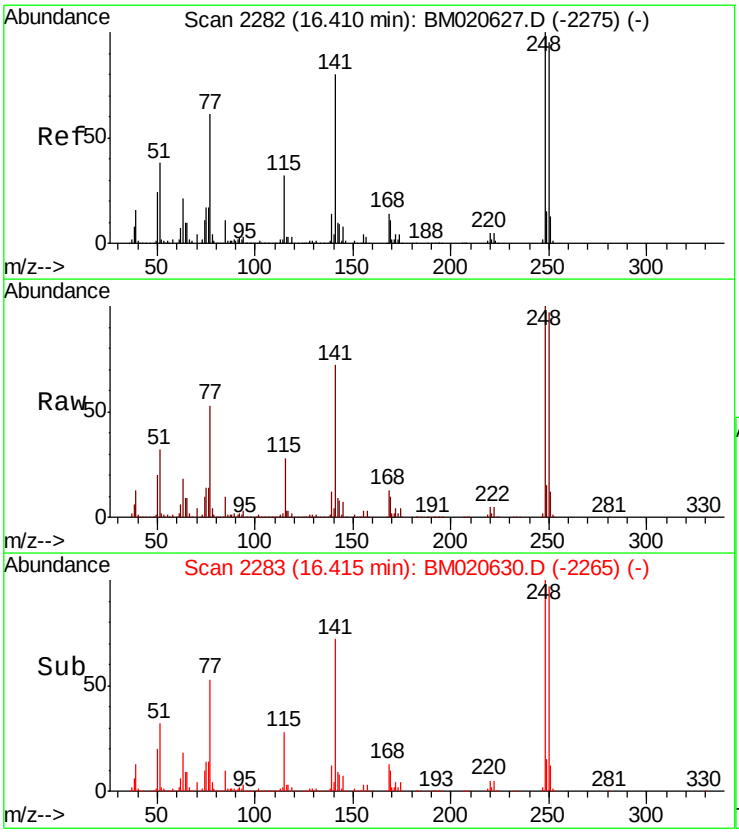
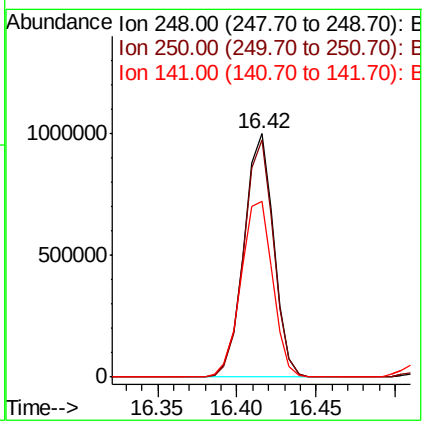
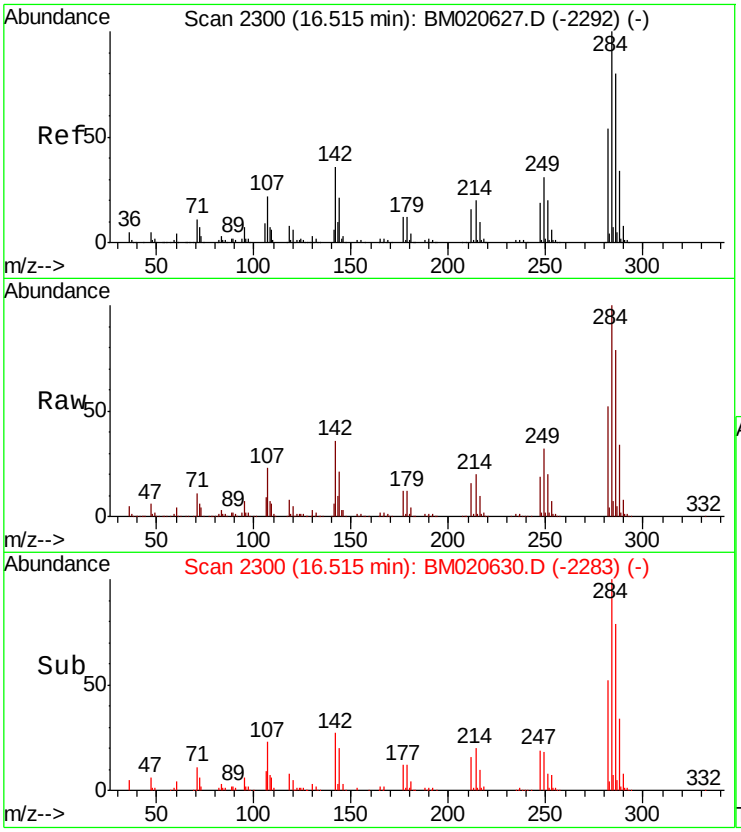


#67
4-Bromophenyl-phenylether
Concen: 81.083 ng
RT: 16.42 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:248 Resp: 1298241

Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.3	114.5
141	72.3	64.2	96.2

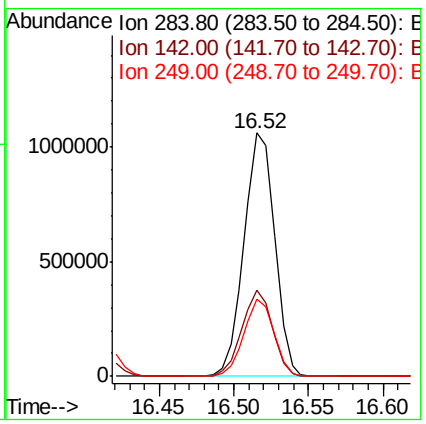




#68
Hexachlorobenzene
Concen: 82.260 ng
RT: 16.52 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:284 Resp: 1508523

Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.6	42.8
249	31.9	25.0	37.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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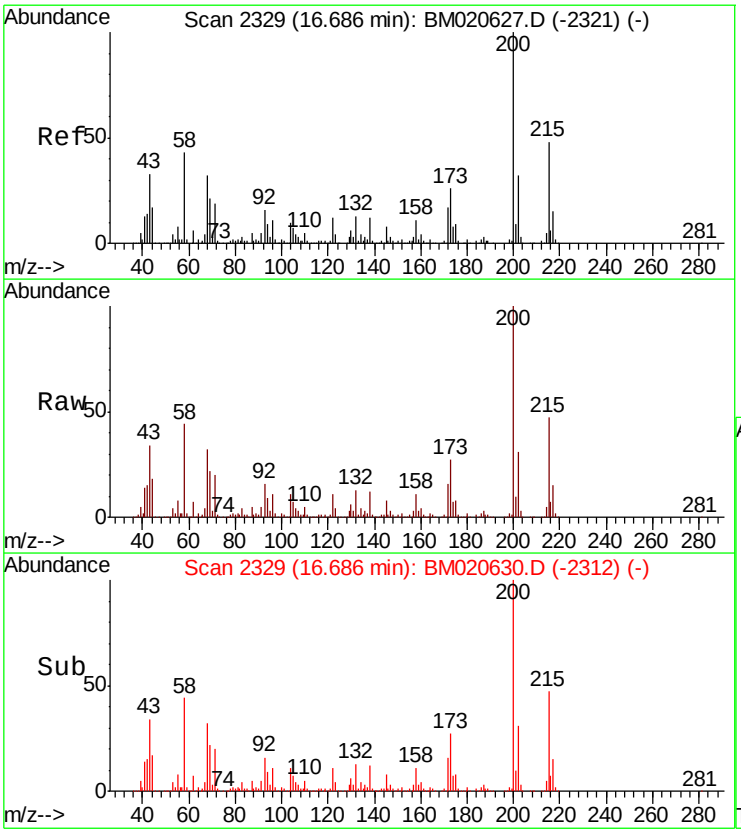
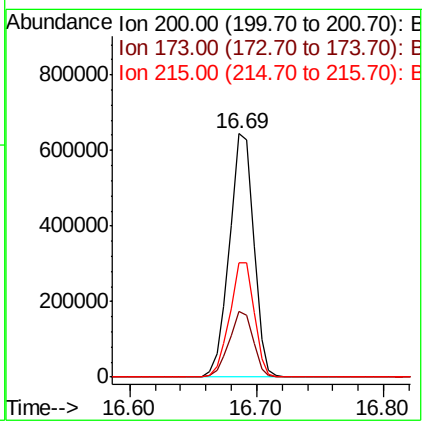
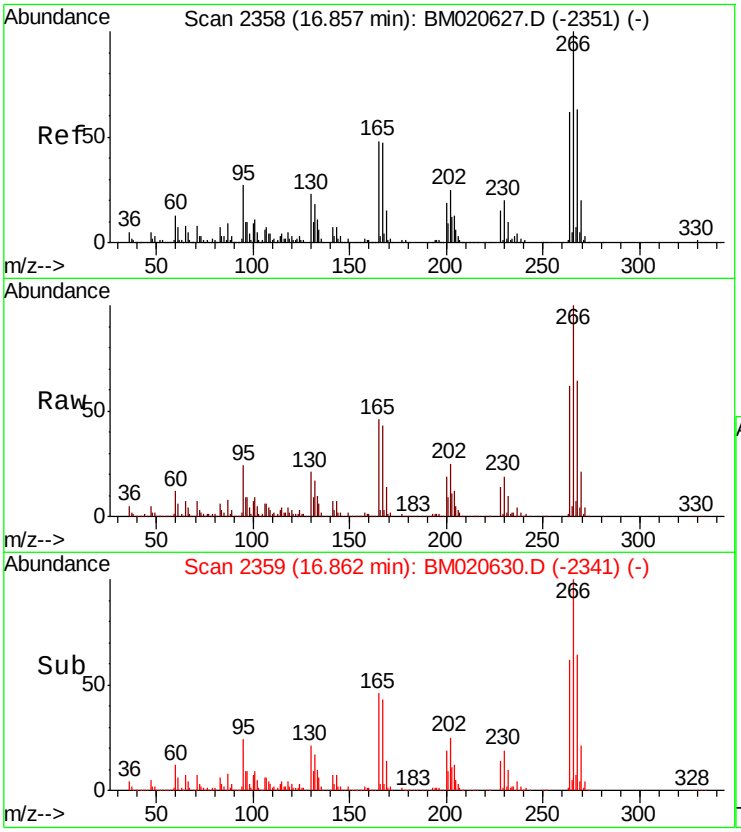


#69
Atrazine
Concen: 64.473 ng
RT: 16.69 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:200 Resp: 852659

Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.2	46.2
215	46.7	27.7	67.7

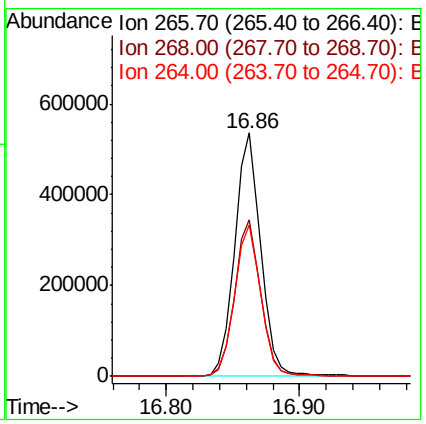




#70
Pentachlorophenol
Concen: 86.066 ng
RT: 16.86 min Scan# 2359
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:266 Resp: 726896

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.6	75.8
264	62.3	49.6	74.4



Instrument :
BNA_M
ClientSampleId :
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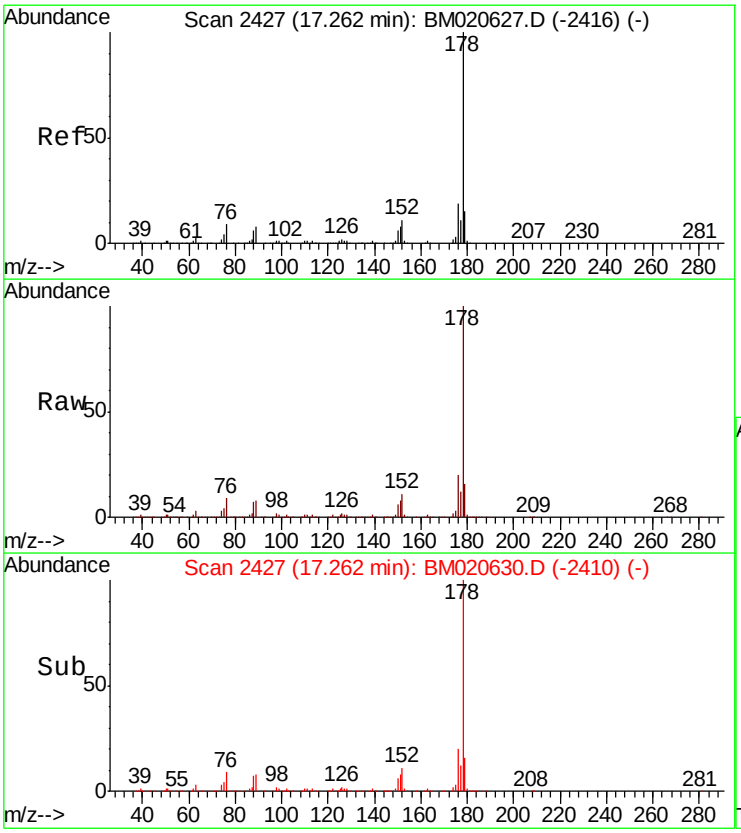
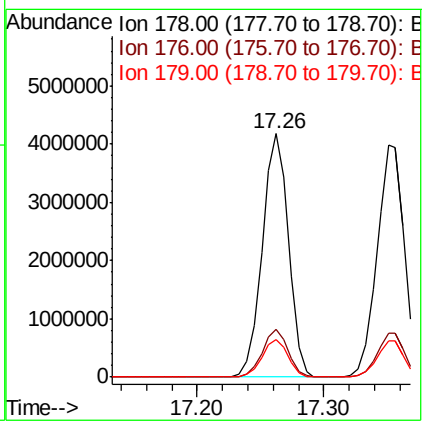
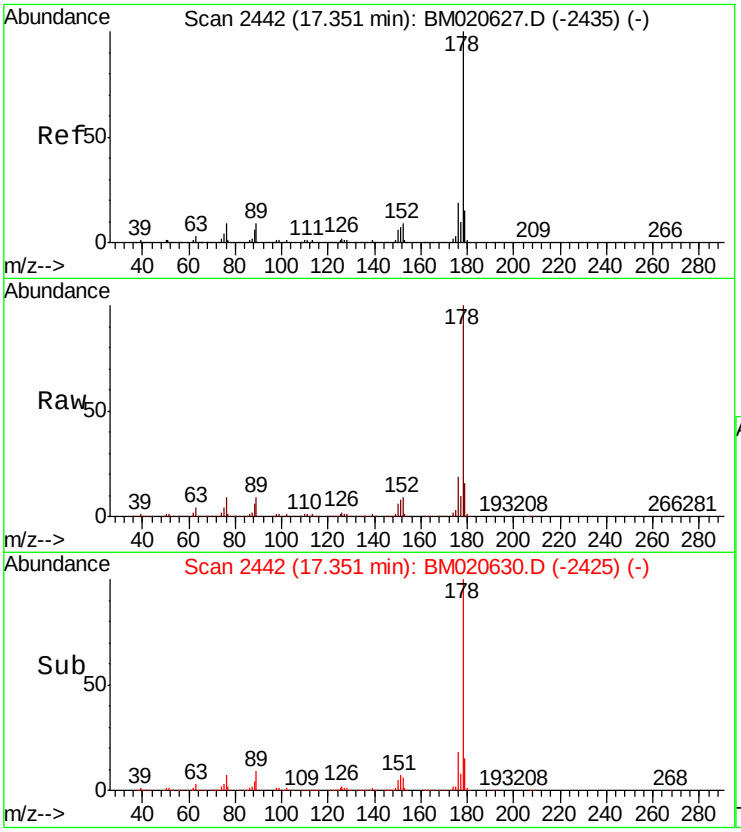


#71
Phenanthrene
Concen: 80.948 ng
RT: 17.26 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:178 Resp: 5955220

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.6	12.2	18.4

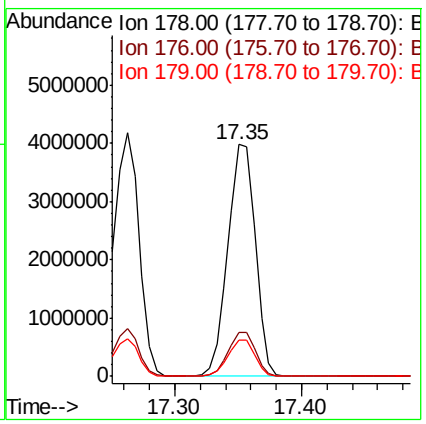




#72
Anthracene
Concen: 80.705 ng
RT: 17.35 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:178 Resp: 5956686

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
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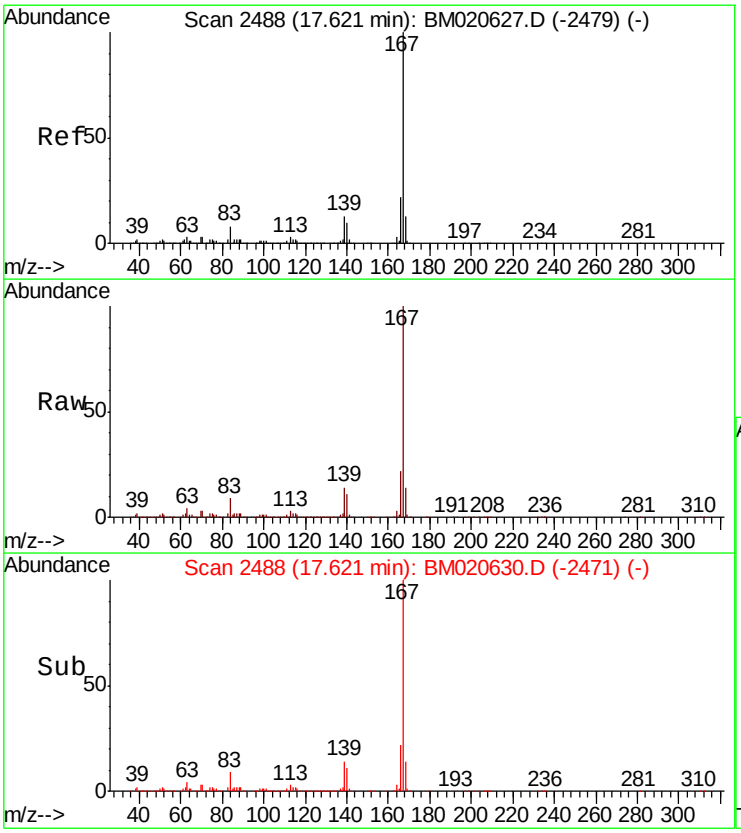
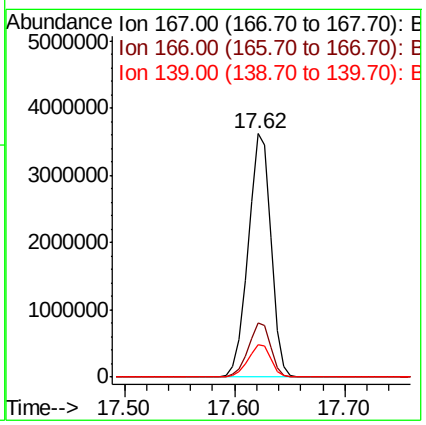
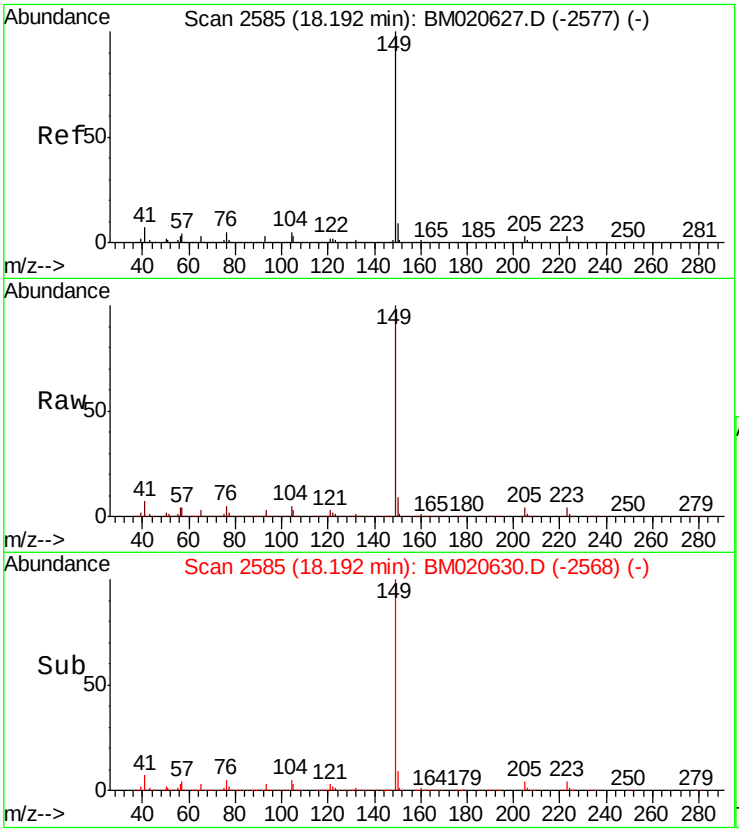


#73
Carbazole
Concen: 78.347 ng
RT: 17.62 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:167 Resp: 5251747

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	13.5	10.6	15.8

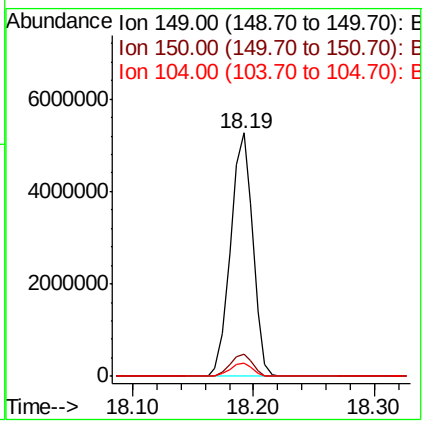




#74
Di-n-butylphthalate
Concen: 77.358 ng
RT: 18.19 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:149 Resp: 6745697

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	4.2	6.2



Instrument :
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ClientSampleId :
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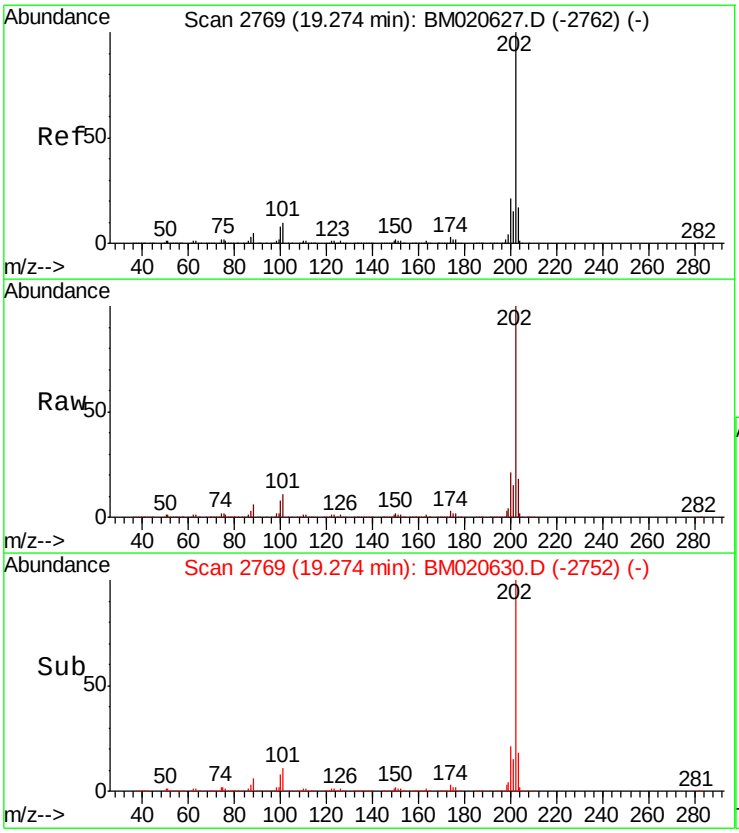
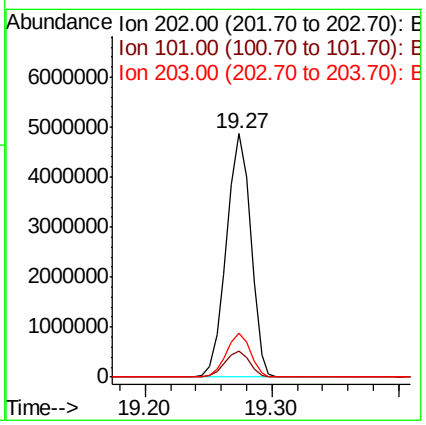
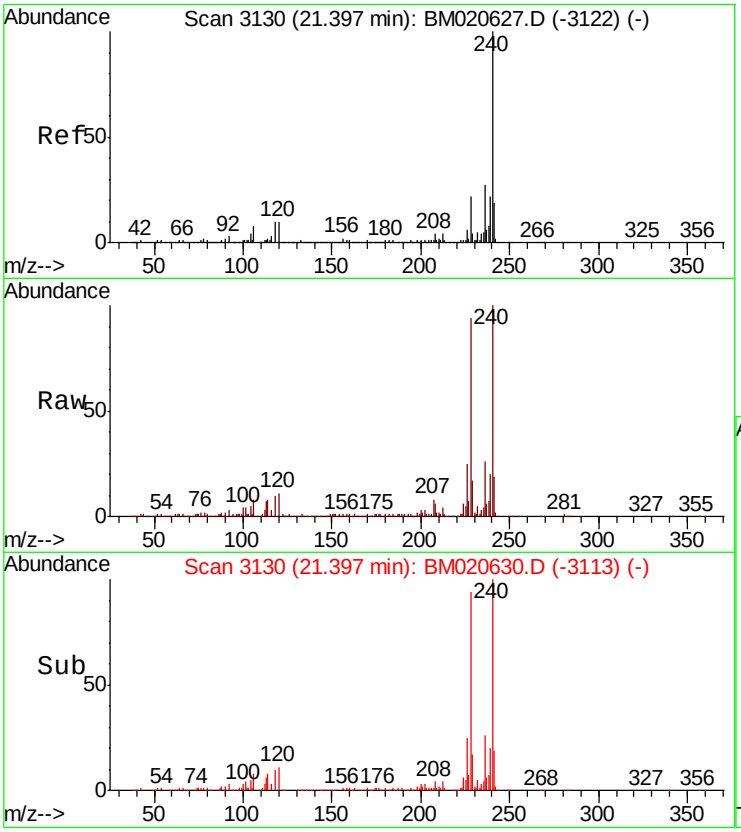


#75
Fluoranthene
Concen: 77.324 ng
RT: 19.27 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:202 Resp: 6455030

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.4
203	18.0	0.0	37.3

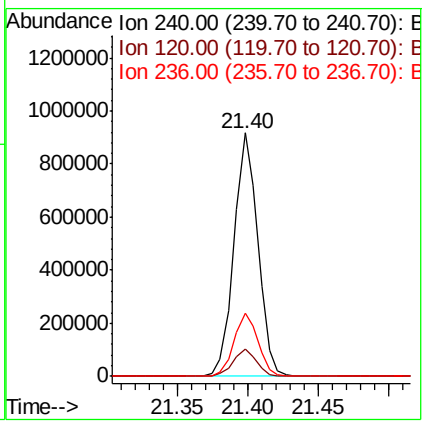




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:240 Resp: 1079848

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.2	12.2
236	25.9	21.2	31.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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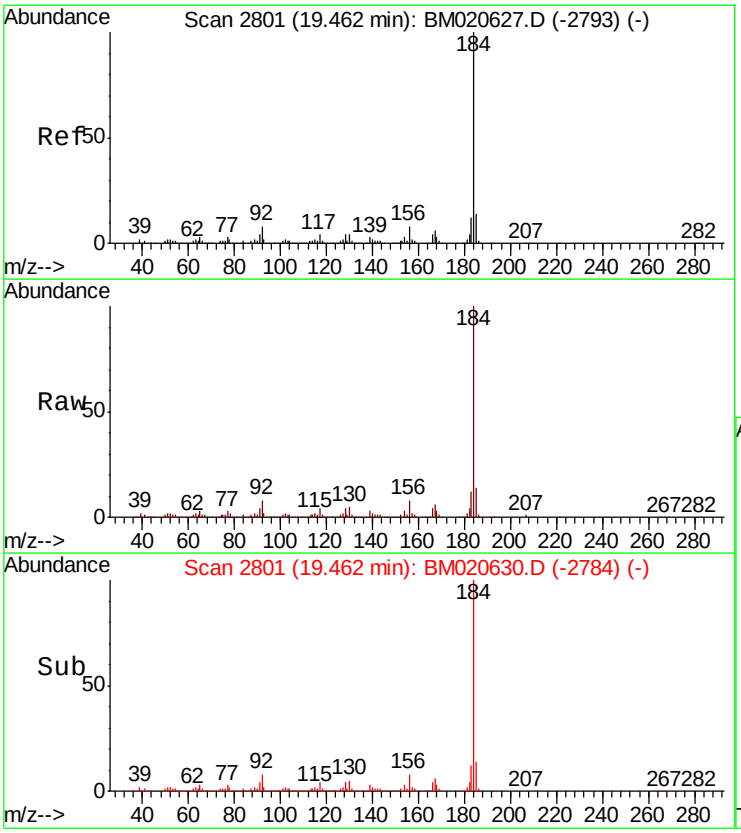
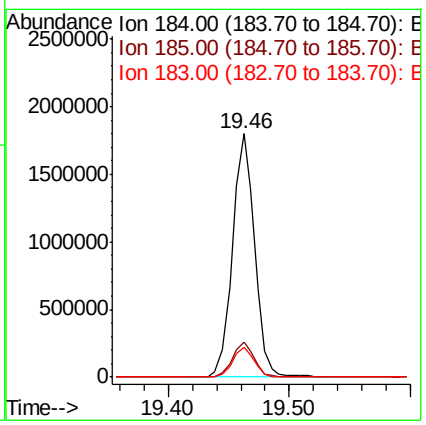
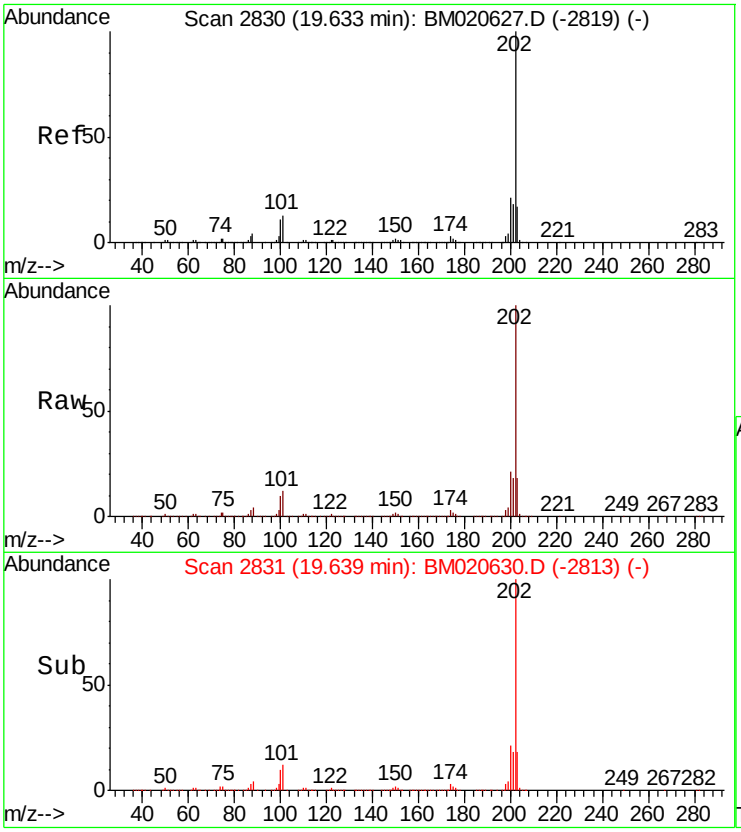


#77
Benzidine
Concen: 64.722 ng
RT: 19.46 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:184 Resp: 2295627

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	12.2	9.8	14.6

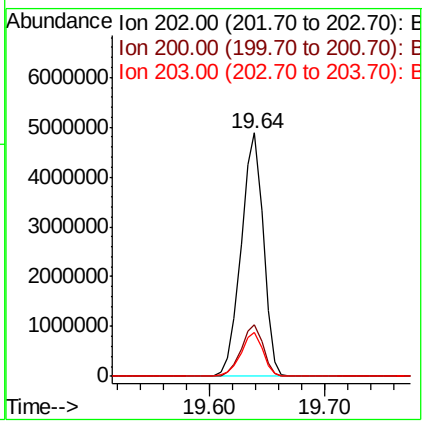




#78
Pyrene
Concen: 81.740 ng
RT: 19.64 min Scan# 2831
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:202 Resp: 6505262

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.0	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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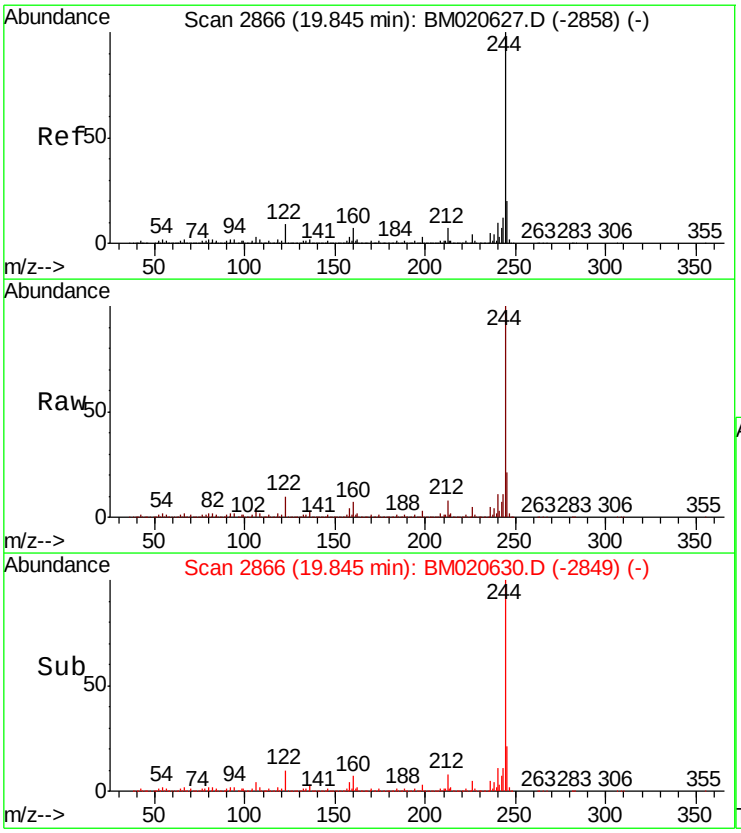
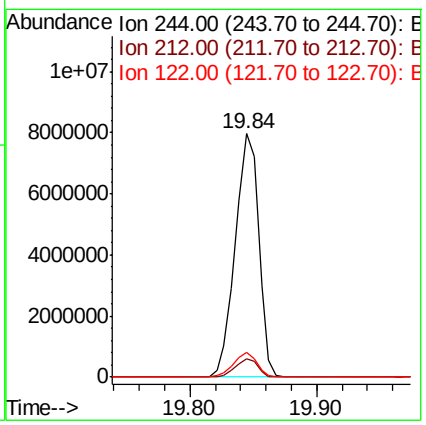
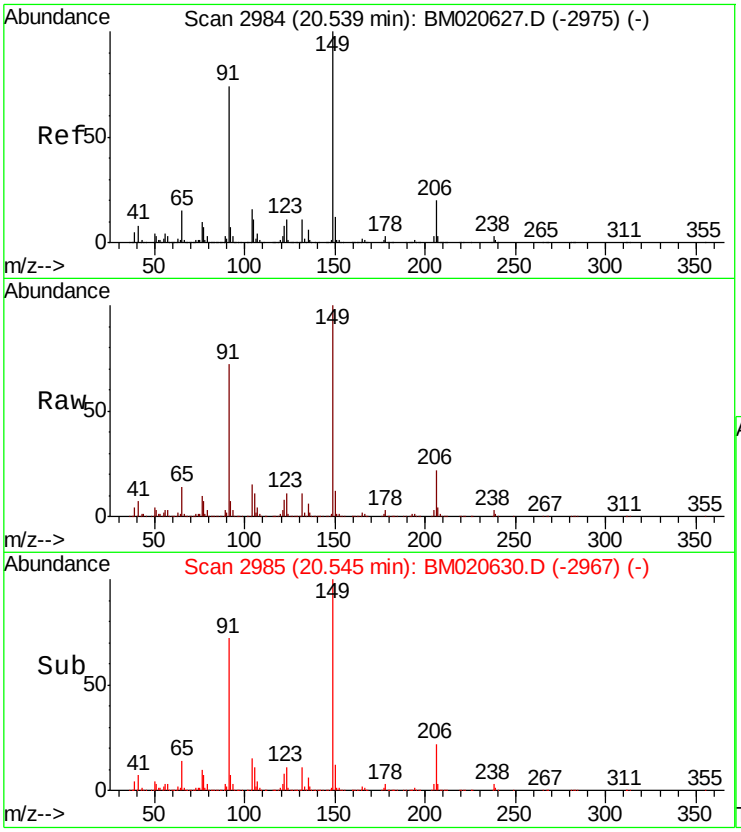


#79
Terphenyl-d14
Concen: 164.166 ng
RT: 19.84 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:244 Resp:10164801

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	10.2	7.2	10.8

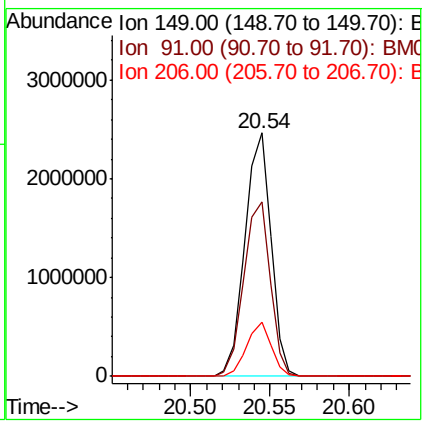




#80
Butylbenzylphthalate
Concen: 84.717 ng
RT: 20.54 min Scan# 2985
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:149 Resp: 2821249

Ion	Ratio	Lower	Upper
149	100		
91	71.7	59.6	89.4
206	22.2	15.7	23.5



Instrument :
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ClientSampleId :
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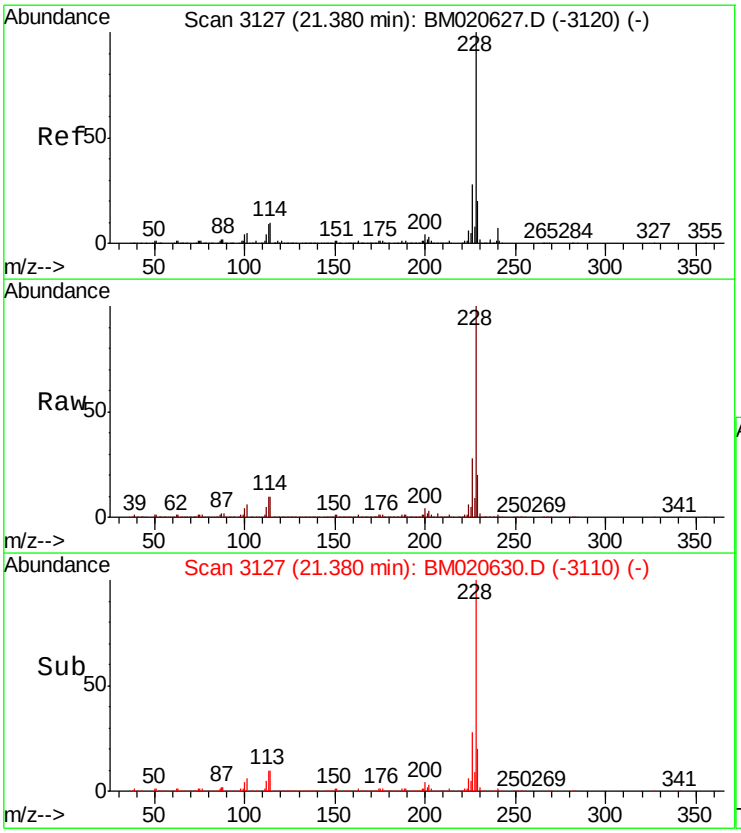
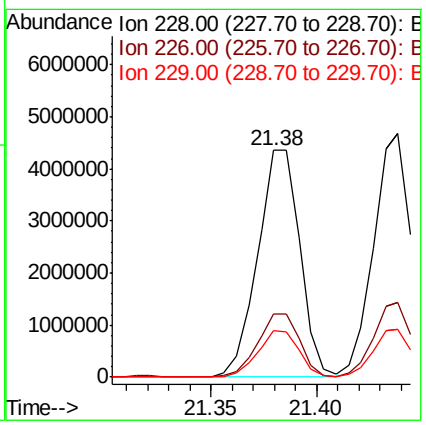
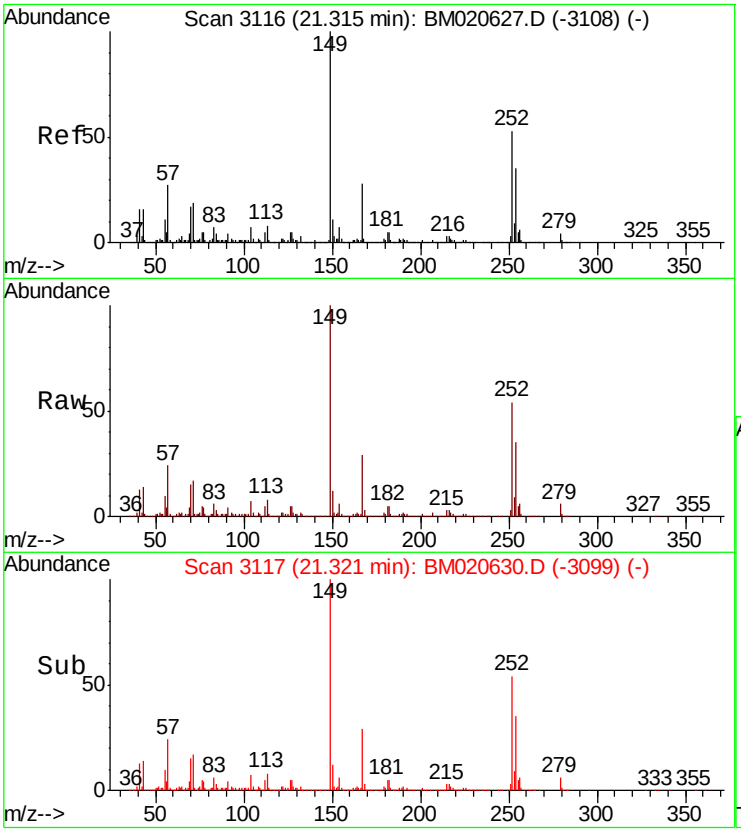


#81
Benzo(a)anthracene
Concen: 80.892 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:228 Resp: 6056979

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.3	15.9	23.9

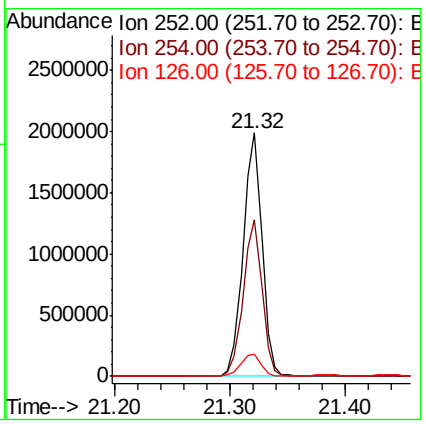




#82
3,3'-Dichlorobenzidine
Concen: 79.345 ng
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:252 Resp: 2252812

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	78.8
126	8.9	8.0	12.0



Instrument :
BNA_M
ClientSampleId :
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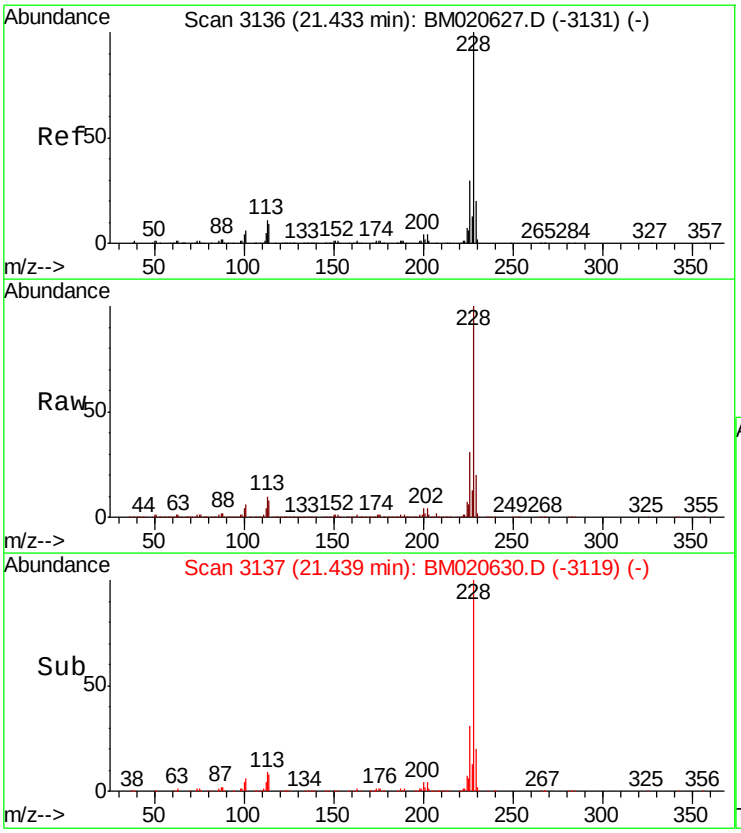
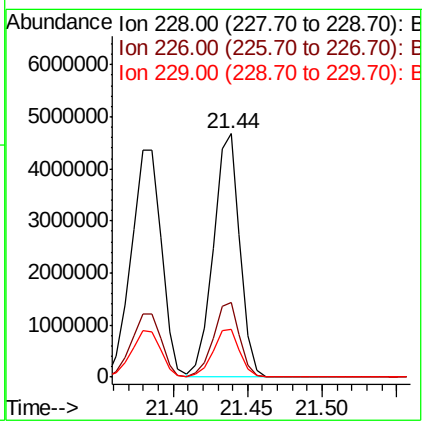
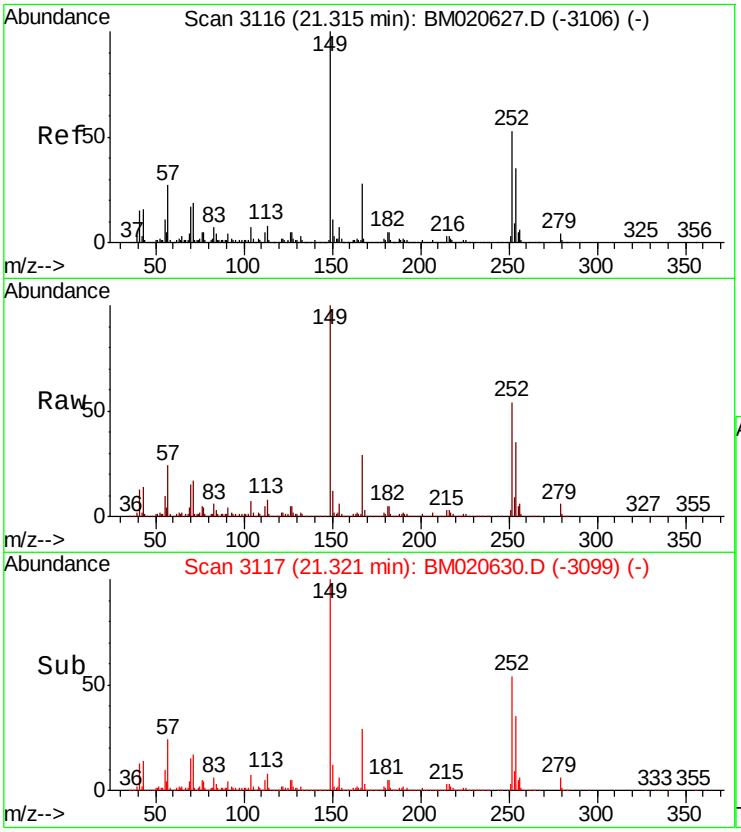


#83
Chrysene
Concen: 81.189 ng
RT: 21.44 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:228 Resp: 5785447

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	19.9	15.8	23.6

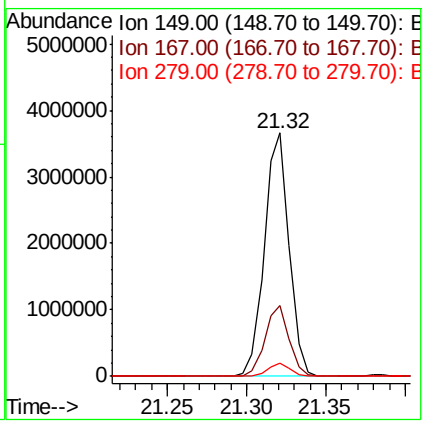




#84
Bis(2-ethylhexyl)phthalate
Concen: 81.439 ng
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:149 Resp: 3980953

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.1	33.1
279	5.5	3.4	5.0#



Instrument :
BNA_M
ClientSampleId :
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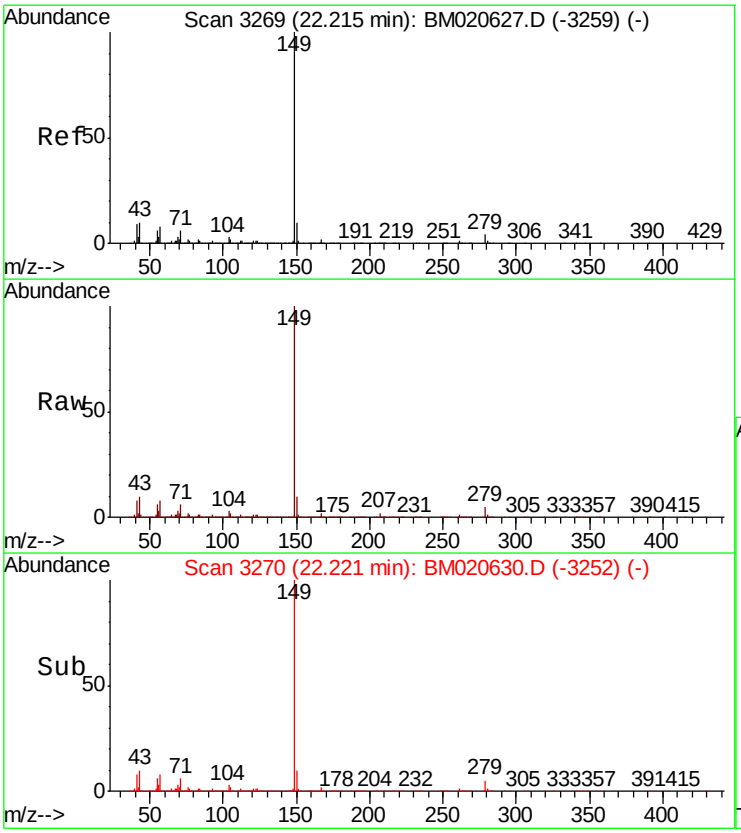
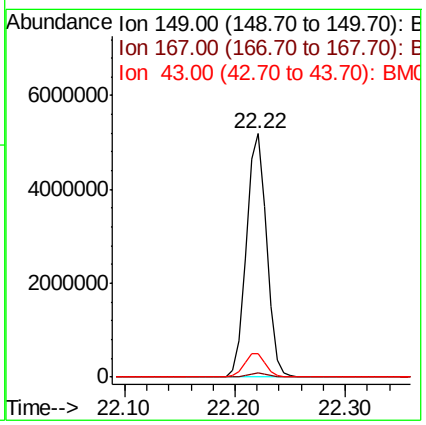
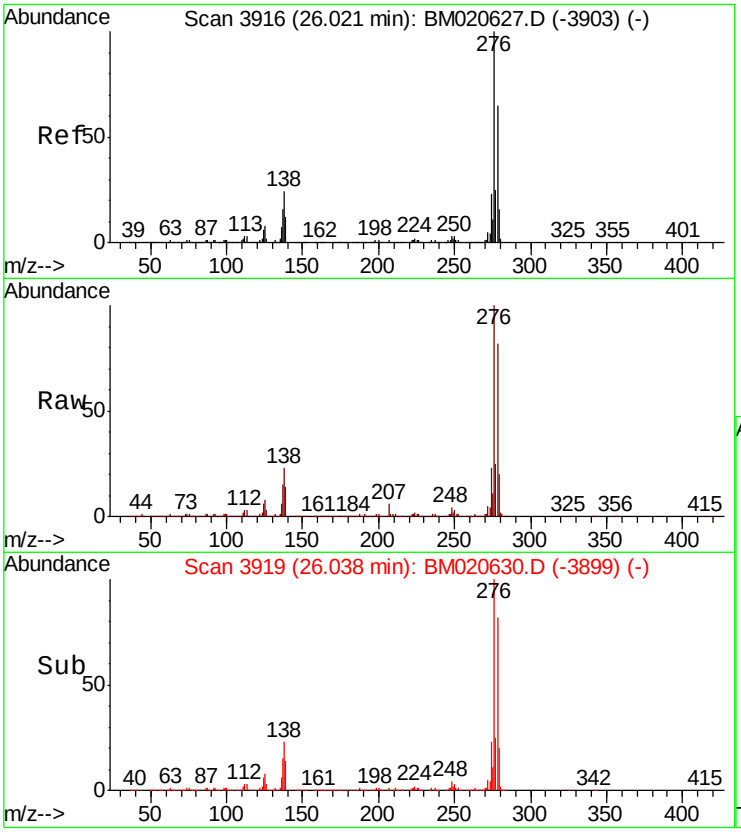


#85
Di-n-octyl phthalate
Concen: 81.903 ng
RT: 22.22 min Scan# 3270
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:149 Resp: 6703313

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	8.2	12.4

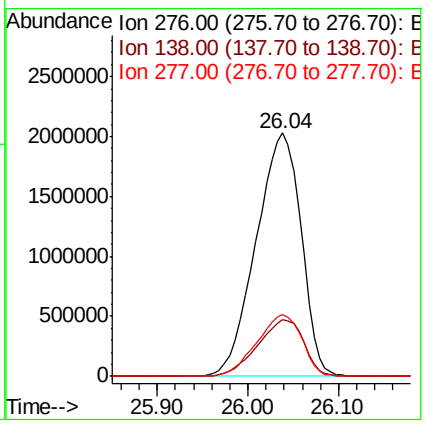




#86
Indeno(1,2,3-cd)pyrene
Concen: 84.296 ng
RT: 26.04 min Scan# 3919
Delta R.T. 0.02 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:276 Resp: 7011850

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.8
277	25.5	20.2	30.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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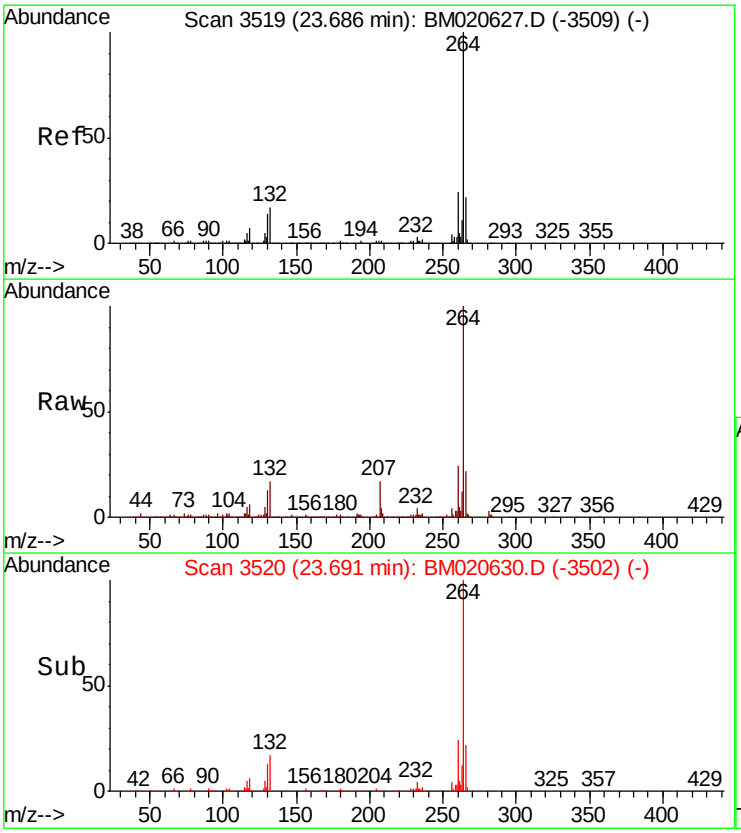
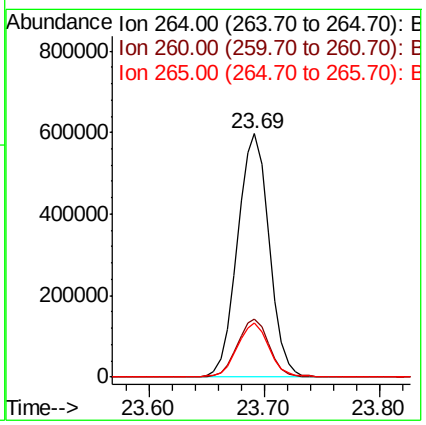
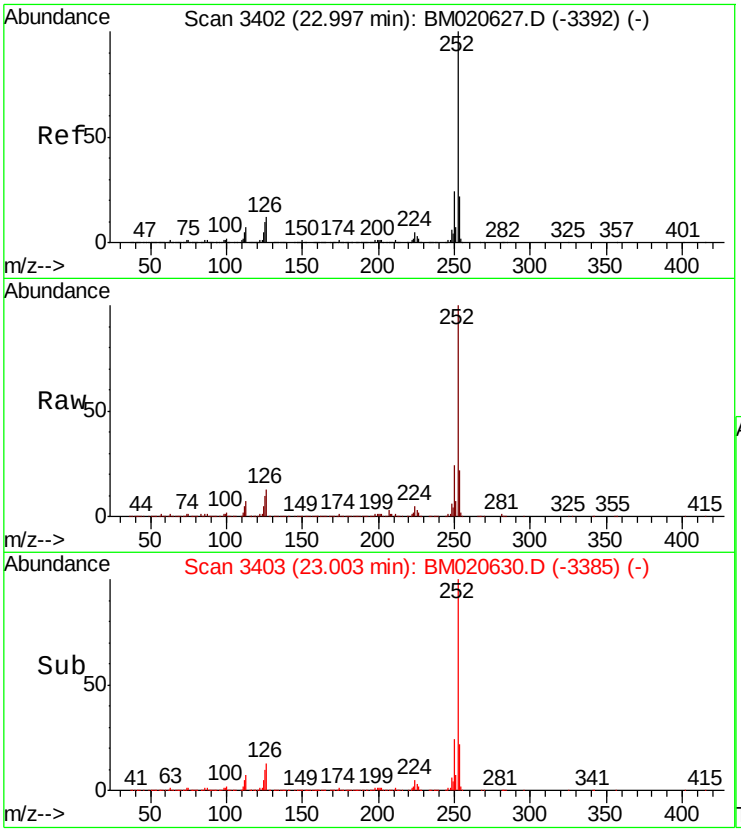


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:264 Resp: 1136707

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.6	26.4

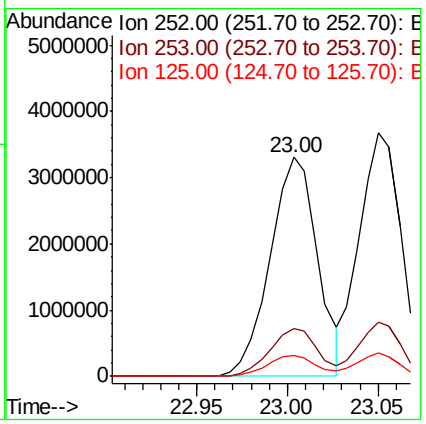




#88
Benzo(b)fluoranthene
Concen: 81.907 ng
RT: 23.00 min Scan# 3403
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:252 Resp: 6047283

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.6	7.8	11.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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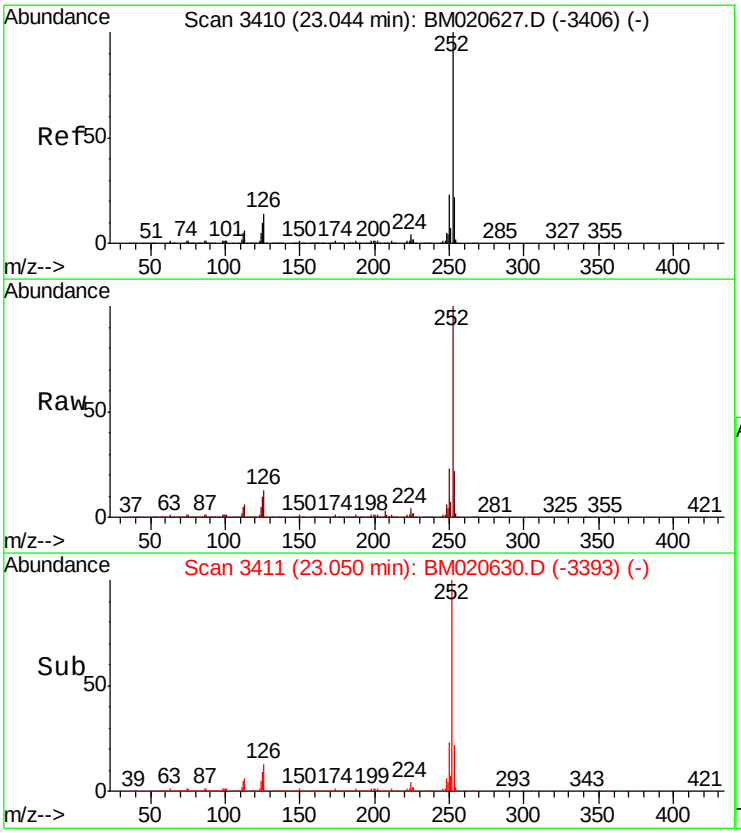
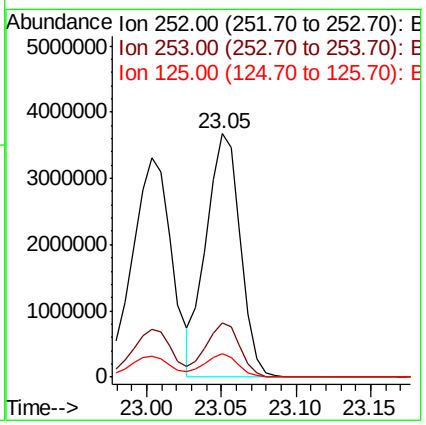
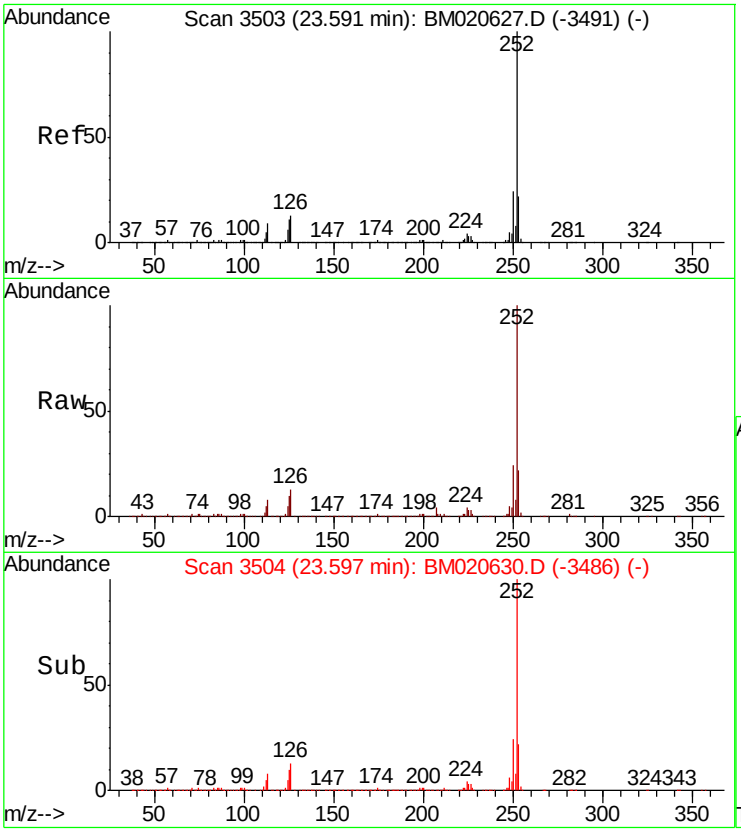


#89
Benzo(k)fluoranthene
Concen: 82.848 ng
RT: 23.05 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:252 Resp: 5857413

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.5	7.8	11.8

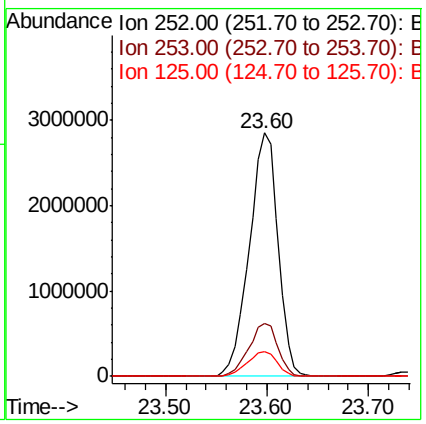




#90
Benzo(a)pyrene
Concen: 82.523 ng
RT: 23.60 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:252 Resp: 5599578

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.3	8.6	13.0



Instrument :
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ClientSampleId :
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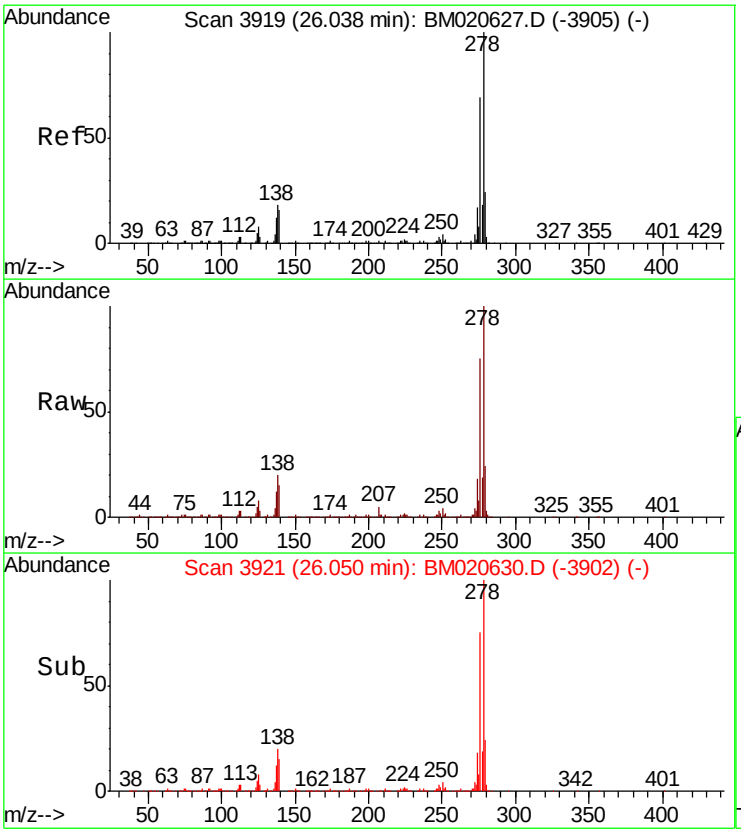
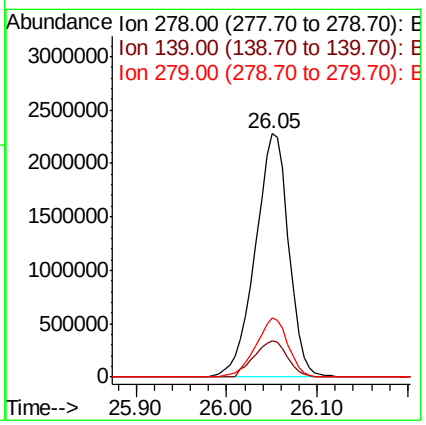
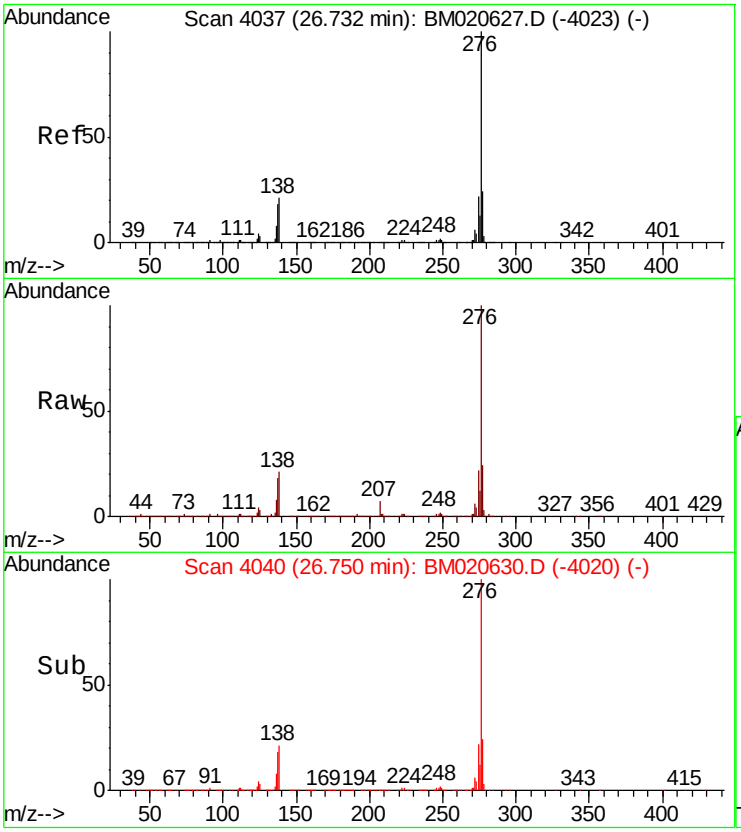


#91
Dibenzo(a,h)anthracene
Concen: 85.038 ng
RT: 26.05 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:278 Resp: 5829858

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.6	18.8
279	24.3	19.0	28.6

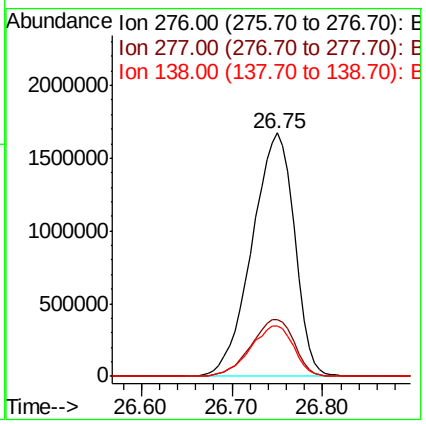




#92
Benzo(g,h,i)perylene
Concen: 84.171 ng
RT: 26.75 min Scan# 4040
Delta R.T. 0.02 min
Lab File: BM020630.D
Acq: 31 May 2019 14:12

Tgt Ion:276 Resp: 5434410

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	20.7	17.0	25.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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