Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
Data File : BM021087.D
Acq On : 21 Jun 2019 17:23
Operator : HP/JU
Sample : K3309-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : KY032MW006-190610

Quant Time: Jun 21 23:31:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	320766	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	1190225	20.00	ng		0.01
39) Acenaphthene-d10	14.43	164	723495	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1563787	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1440645	20.00	ng		0.00
87) Perylene-d12	23.63	264	1619599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1096210	61.88	ng		0.02
7) Phenol-d6	6.98	99	959724	37.20	ng		0.03
23) Nitrobenzene-d5	8.96	82	1844011	80.74	ng		0.02
42) 2,4,6-Tribromophenol	15.93	330	1607011	118.37	ng		0.01
45) 2-Fluorobiphenyl	13.05	172	4933721	83.81	ng		0.01
79) Terphenyl-d14	19.79	244	5856828	75.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	19653534	2944.752	ng		95
3) Pyridine	3.75	79	219289	11.426	ng	#	29
4) n-Nitrosodimethylamine	3.63	42	1293678	175.060	ng	#	1
8) 2-Chlorophenol	7.36	128	50691	2.325	ng		89
9) Benzaldehyde	6.94	77	26672	Below Cal		#	79
10) Phenol	7.01	94	4290394	162.794	ng		99
11) bis(2-Chloroethyl)ether	7.23	93	6836917	327.666	ng		97
12) 1,3-Dichlorobenzene	7.67	146	276057	10.451	ng	#	94
13) 1,4-Dichlorobenzene	7.82	146	1347010	50.159	ng		99
14) 1,2-Dichlorobenzene	8.14	146	6357517	241.568	ng		98
17) 2-Methylphenol	8.26	107	5665590	300.958	ng		99
18) Hexachloroethane	8.88	117	20604	2.137	ng	#	1
22) Acetophenone	8.63	105	732020	24.135	ng	#	1
28) bis(2-Chloroethoxy)methane	10.06	93	932655	35.124	ng	#	1
31) Naphthalene	10.63	128	2167687	34.415	ng		95
32) Benzoic acid	9.85	122	7672777	587.036	ng	#	13
35) Caprolactam	11.57	113	33322	5.095	ng	#	1
36) 4-Chloro-3-methylphenol	11.92	107	632556	29.729	ng	#	22
37) 2-Methylnaphthalene	12.25	142	196462	4.054	ng		93
38) 1-Methylnaphthalene	12.46	142	117811	2.549	ng	#	97
46) 1,1'-Biphenyl	13.30	154	274034	4.425	ng		88
50) Dimethylphthalate	13.90	163	331176	5.148	ng		97
60) Diethylphthalate	15.26	149	383051	6.046	ng		98

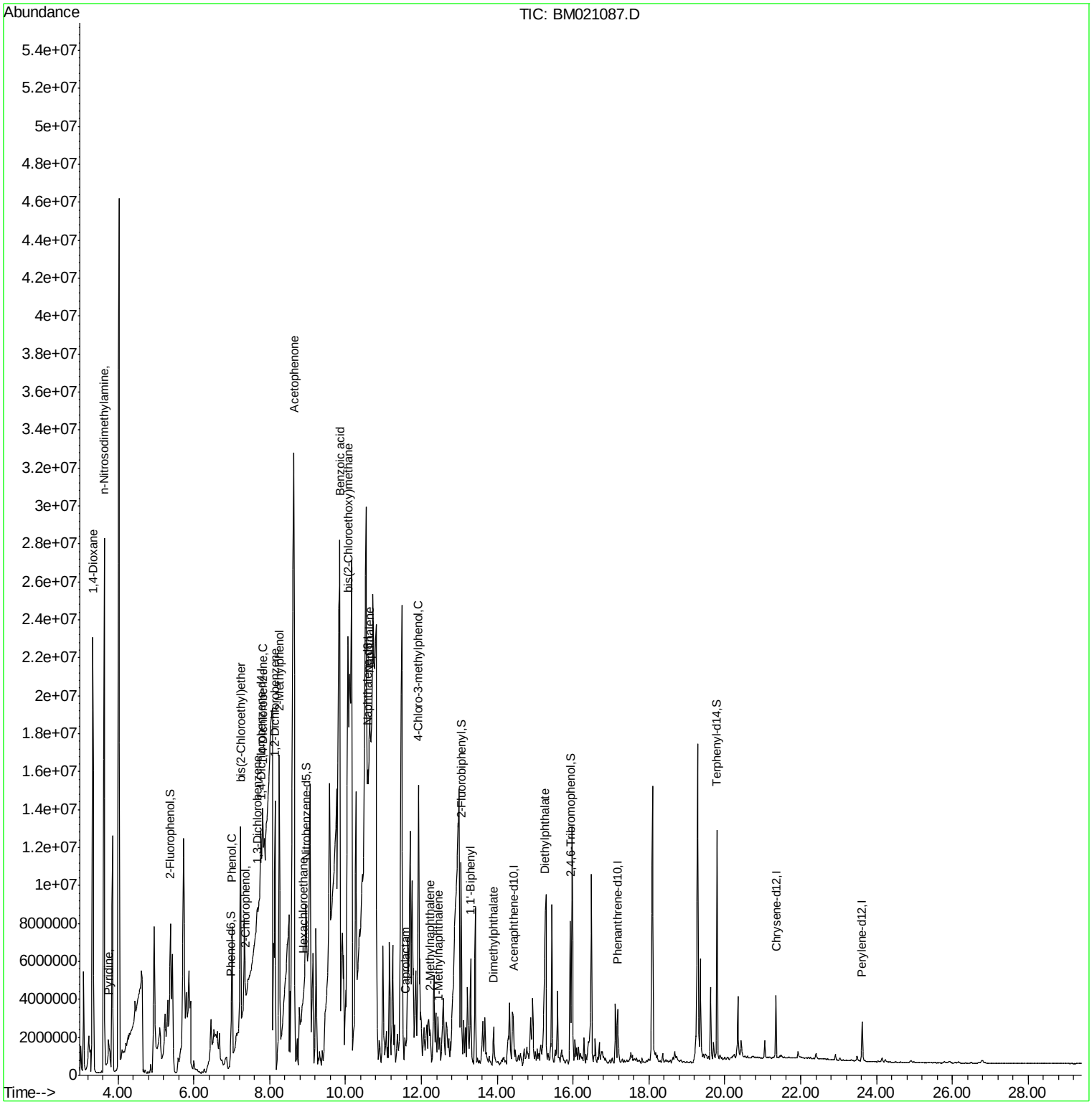
(#) = qualifier out of range (m) = manual integration (+) = signals summed

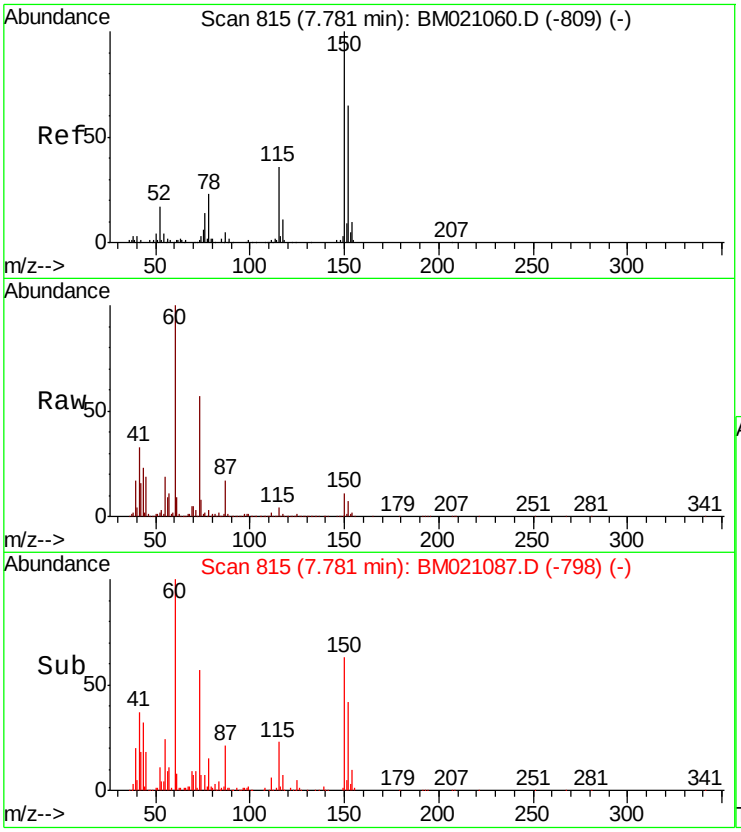
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
Data File : BM021087.D
Acq On : 21 Jun 2019 17:23
Operator : HP/JU
Sample : K3309-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Quant Time: Jun 21 23:31:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration



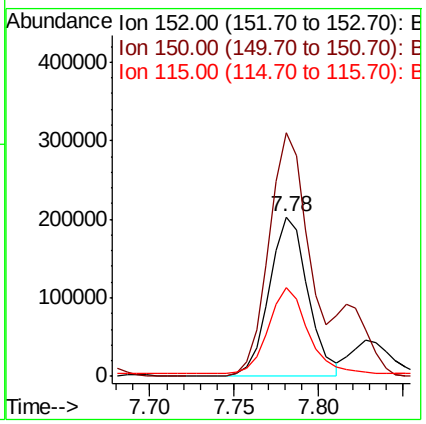


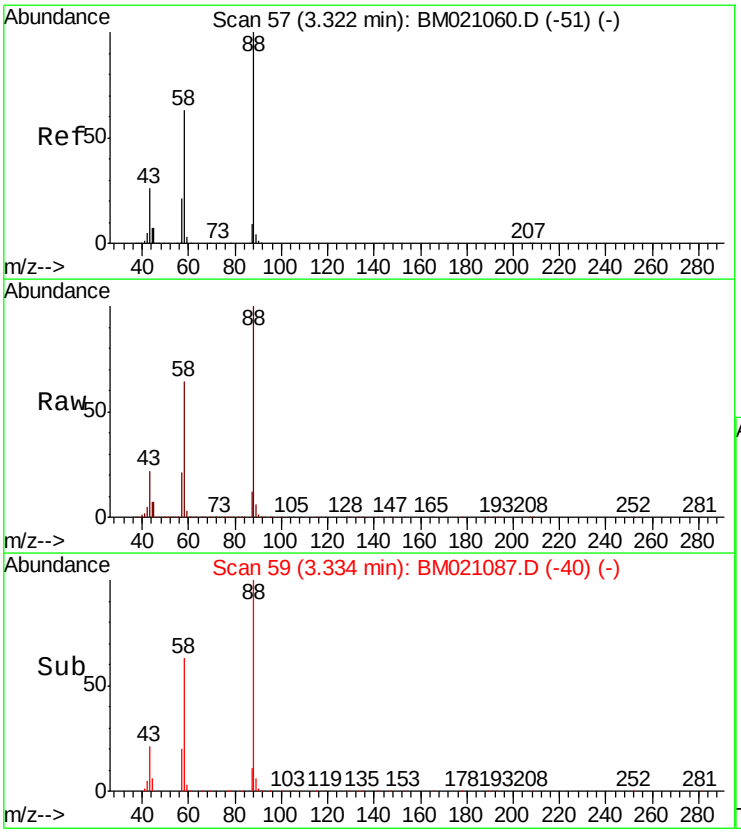
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:152 Resp: 320766

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.1	184.7
115	55.4	44.2	66.4

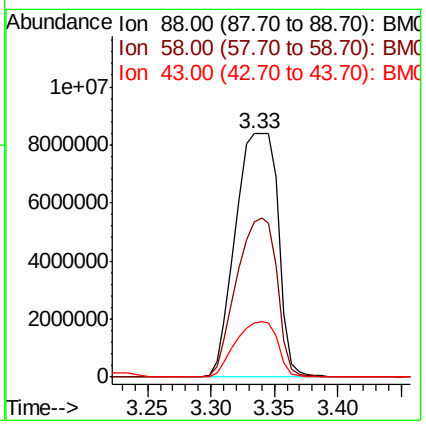


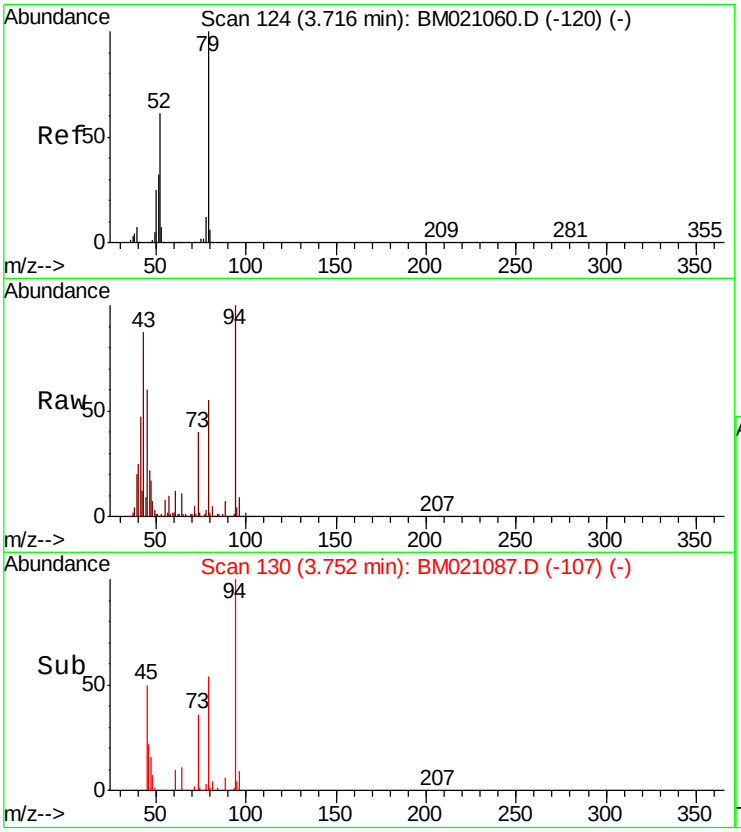


#2
1,4-Dioxane
Concen: 2944.752 ng
RT: 3.33 min Scan# 59
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion: 88 Resp:19653534

Ion	Ratio	Lower	Upper
88	100		
58	62.1	51.9	77.9
43	22.3	21.4	32.2



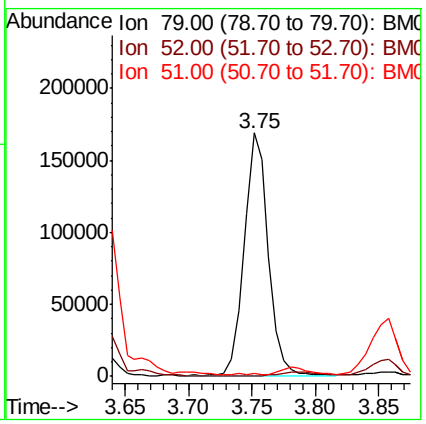


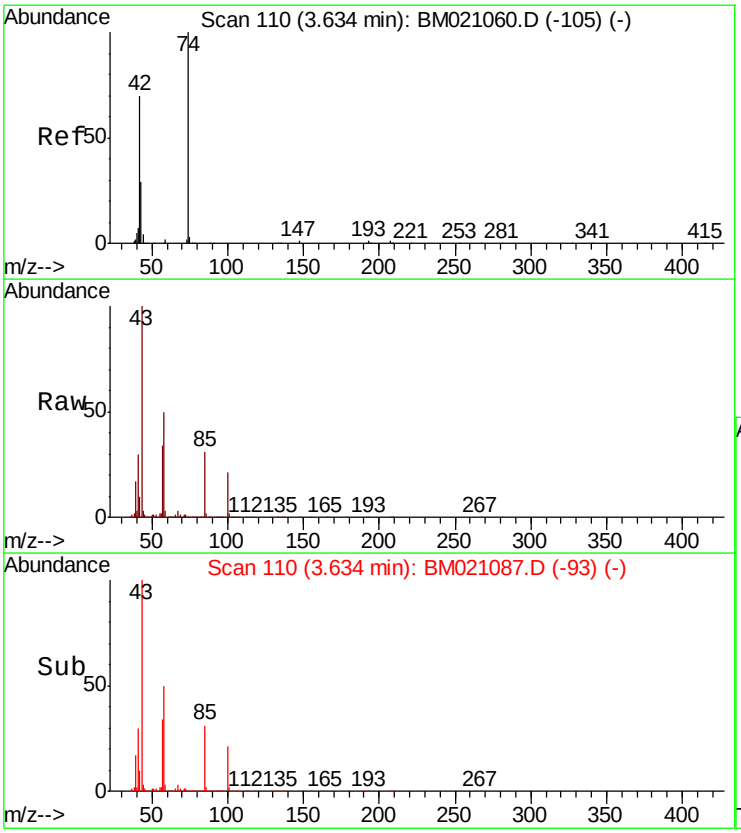
#3
Pyridine
Concen: 11.426 ng
RT: 3.75 min Scan# 130
Delta R.T. 0.04 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion: 79 Resp: 219289

Ion	Ratio	Lower	Upper
79	100		
52	0.3	48.8	73.2#
51	1.0	25.7	38.5#

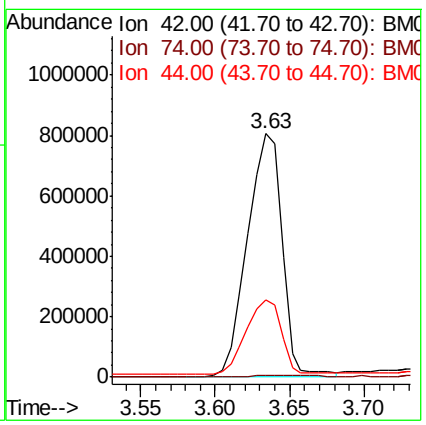


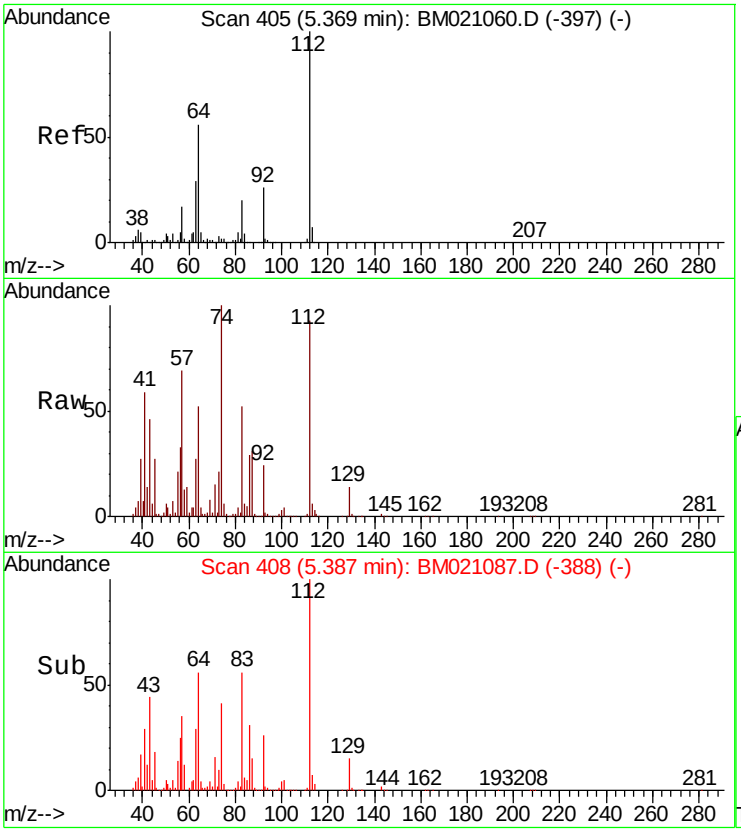


#4
n-Nitrosodimethylamine
Concen: 175.060 ng
RT: 3.63 min Scan# 110
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion: 42 Resp: 1293678

Ion	Ratio	Lower	Upper
42	100		
74	0.7	113.8	170.6#
44	31.9	8.2	12.2#



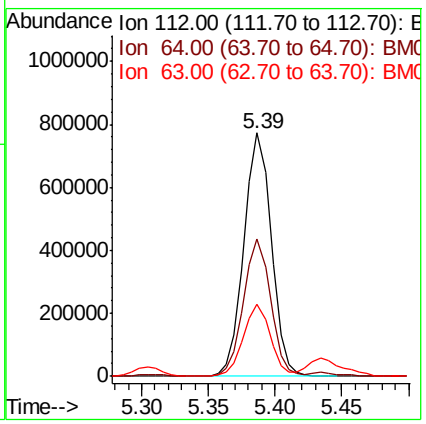


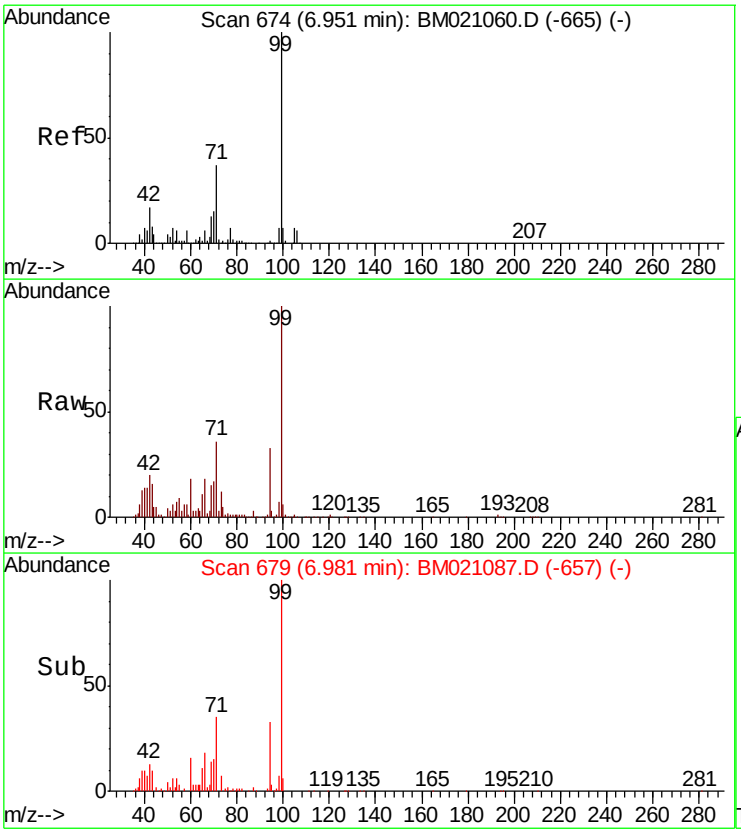
#5
2-Fluorophenol
Concen: 61.881 ng
RT: 5.39 min Scan# 408
Delta R.T. 0.02 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:112 Resp: 1096210

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.2	67.8
63	29.4	23.5	35.3

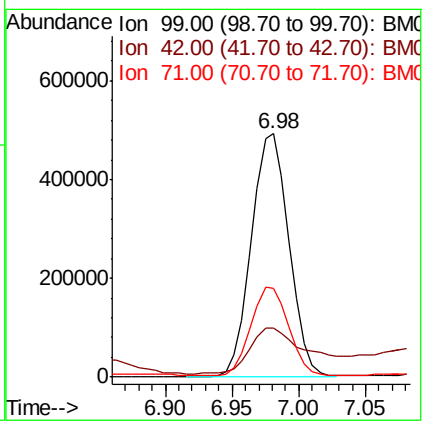


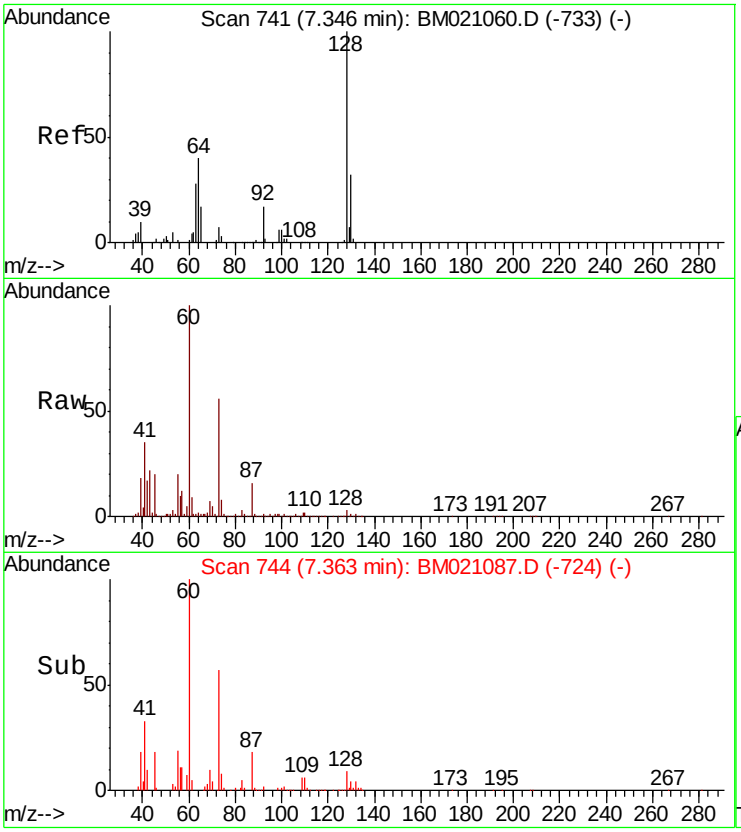


#7
Phenol-d6
Concen: 37.202 ng
RT: 6.98 min Scan# 679
Delta R.T. 0.03 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion: 99 Resp: 959724

Ion	Ratio	Lower	Upper
99	100		
42	20.4	13.5	20.3#
71	36.3	29.3	43.9



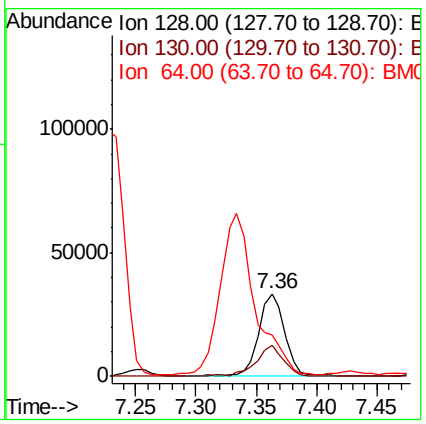


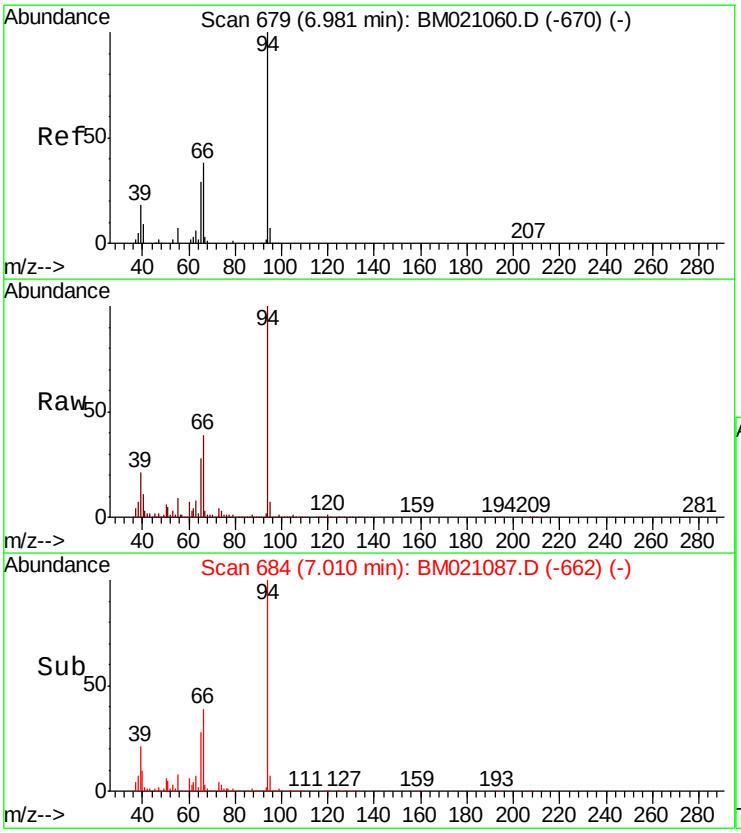
#8
2-Chlorophenol
Concen: 2.325 ng
RT: 7.36 min Scan# 744
Delta R.T. 0.02 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:128 Resp: 50691

Ion	Ratio	Lower	Upper
128	100		
130	38.2	12.2	52.2
64	50.1	23.2	63.2

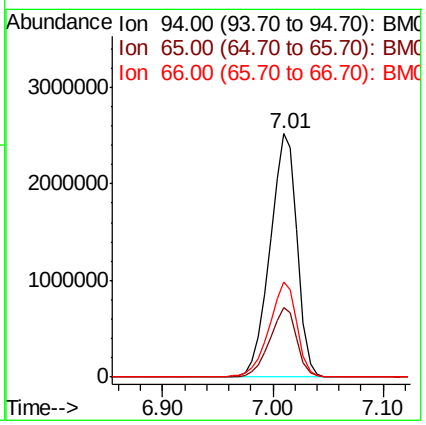


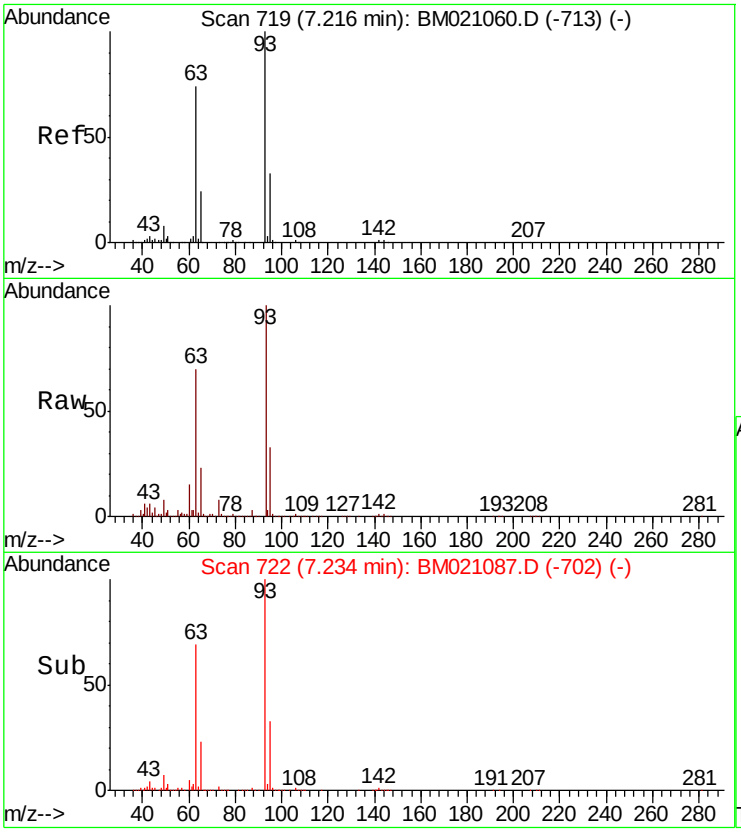


#10
Phenol
Concen: 162.794 ng
RT: 7.01 min Scan# 684
Delta R.T. 0.03 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion: 94 Resp: 4290394

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.7	48.7
66	39.3	19.0	59.0



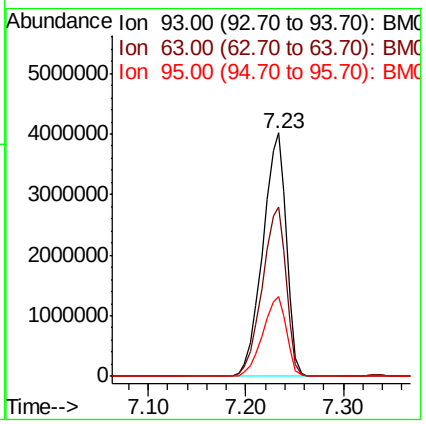


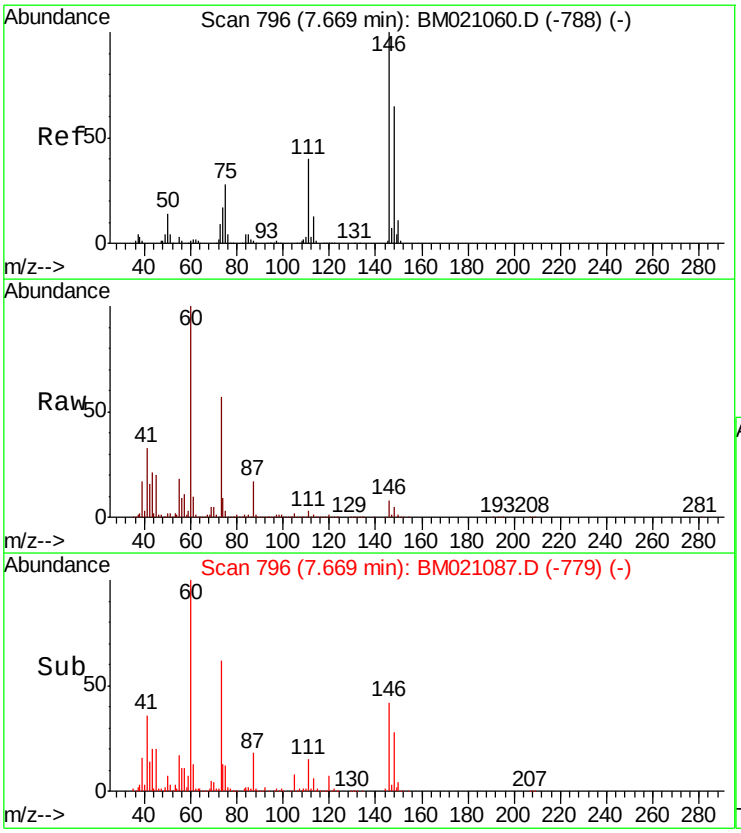
#11
bis(2-Chloroethyl)ether
Concen: 327.666 ng
RT: 7.23 min Scan# 722
Delta R.T. 0.02 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion: 93 Resp: 6836917

Ion	Ratio	Lower	Upper
93	100		
63	69.5	53.4	93.4
95	33.0	13.0	53.0

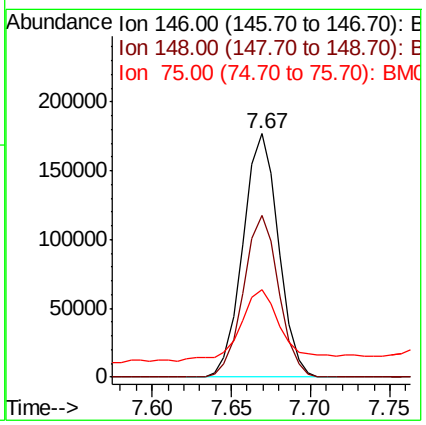


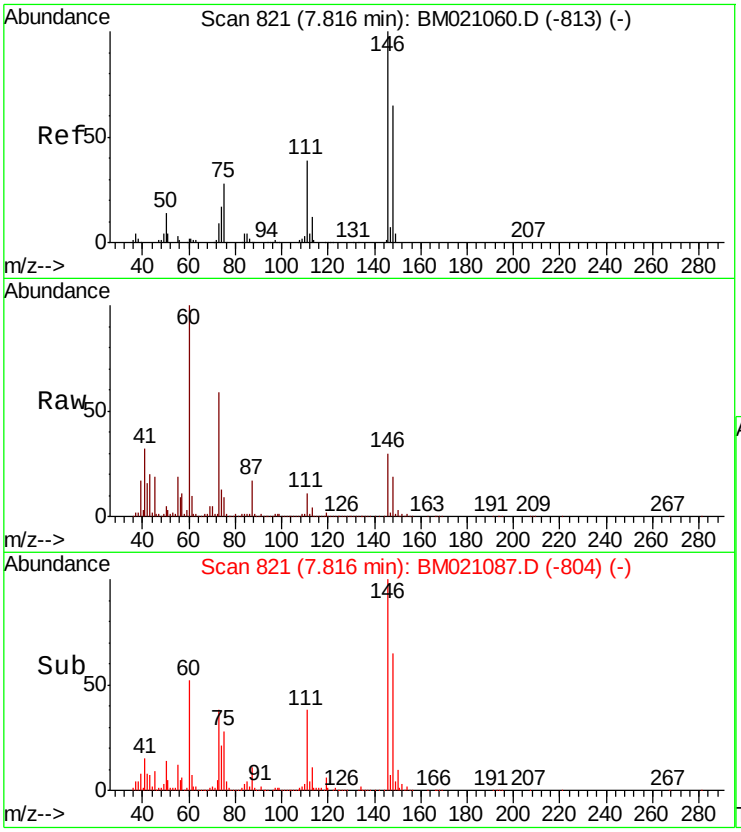


#12
1,3-Dichlorobenzene
Concen: 10.451 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:146 Resp: 276057

Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.2	78.2
75	35.7	22.2	33.4#



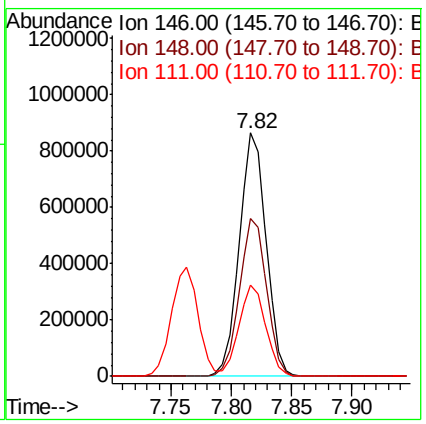


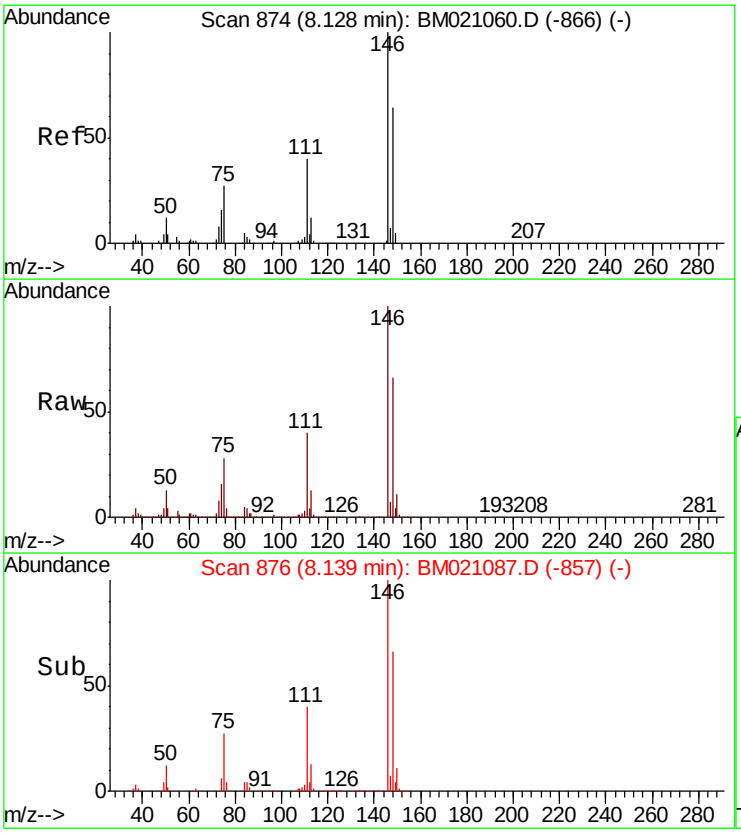
#13
1,4-Dichlorobenzene
Concen: 50.159 ng
RT: 7.82 min Scan# 821
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:146 Resp: 1347010

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	37.7	31.4	47.0

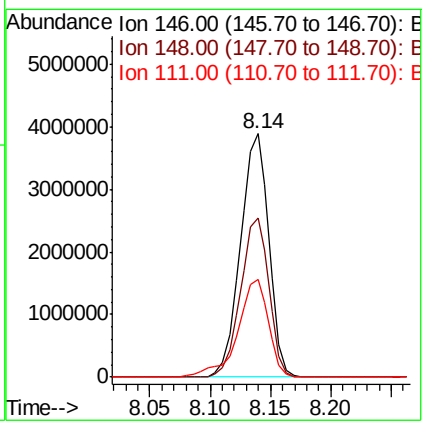


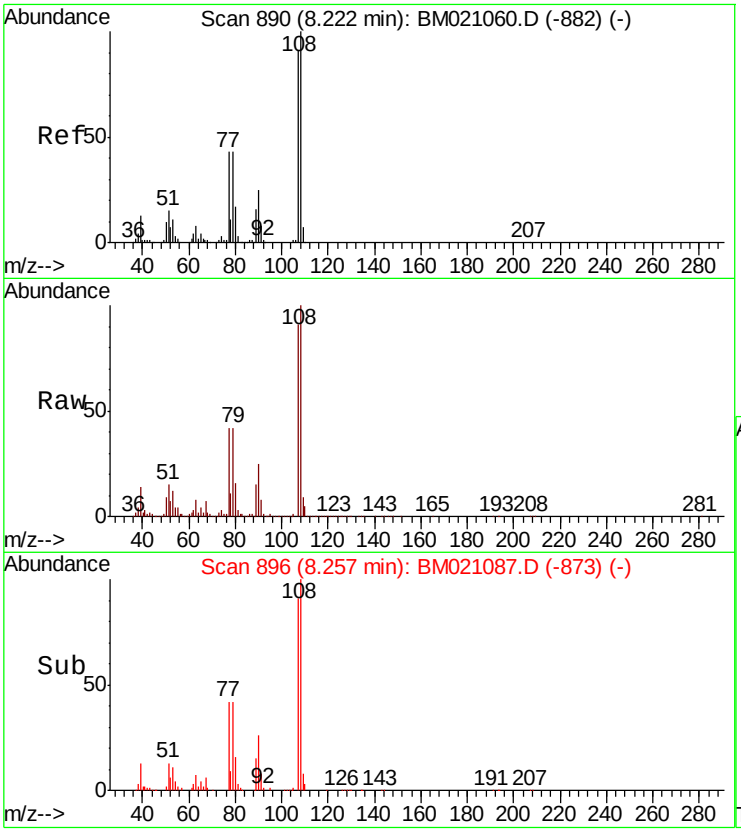


#14
1,2-Dichlorobenzene
Concen: 241.568 ng
RT: 8.14 min Scan# 876
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:146 Resp: 6357517

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
111	40.0	32.8	49.2



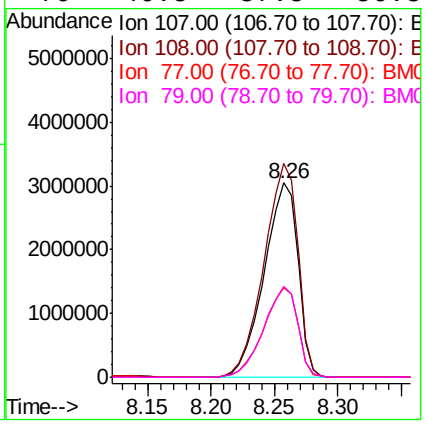


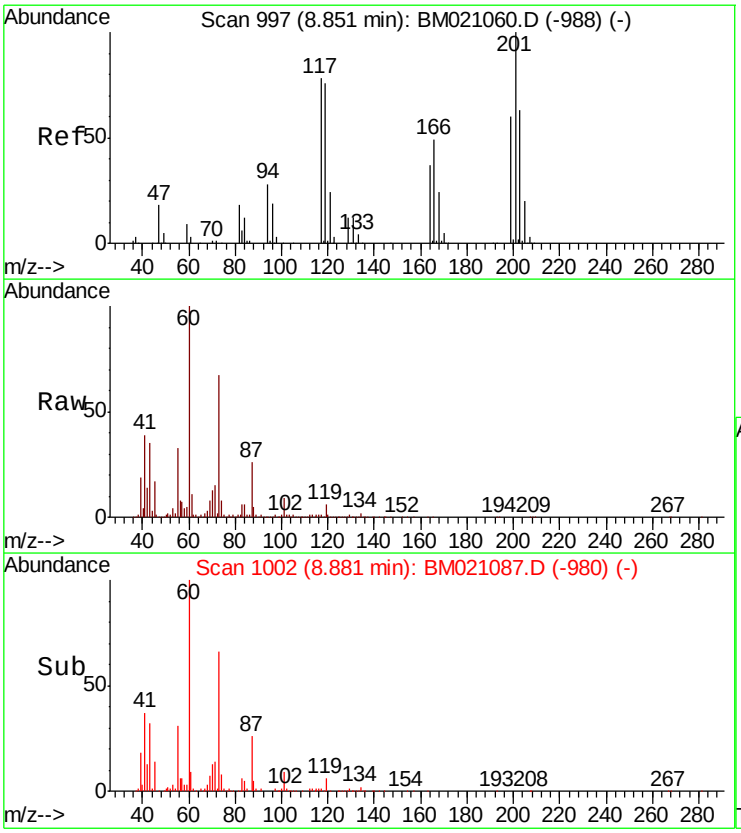
#17
2-Methylphenol
Concen: 300.958 ng
RT: 8.26 min Scan# 896
Delta R.T. 0.04 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:107 Resp: 5665590

Ion	Ratio	Lower	Upper
107	100		
108	109.8	87.5	131.3
77	46.3	37.8	56.8
79	46.5	37.5	56.3

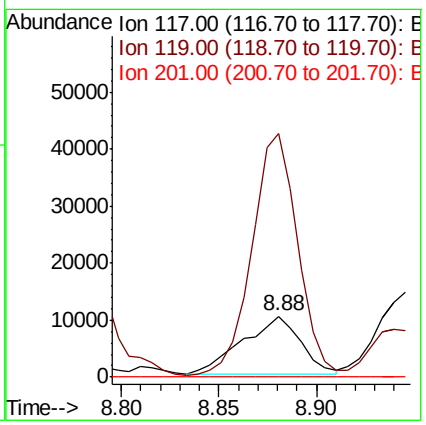


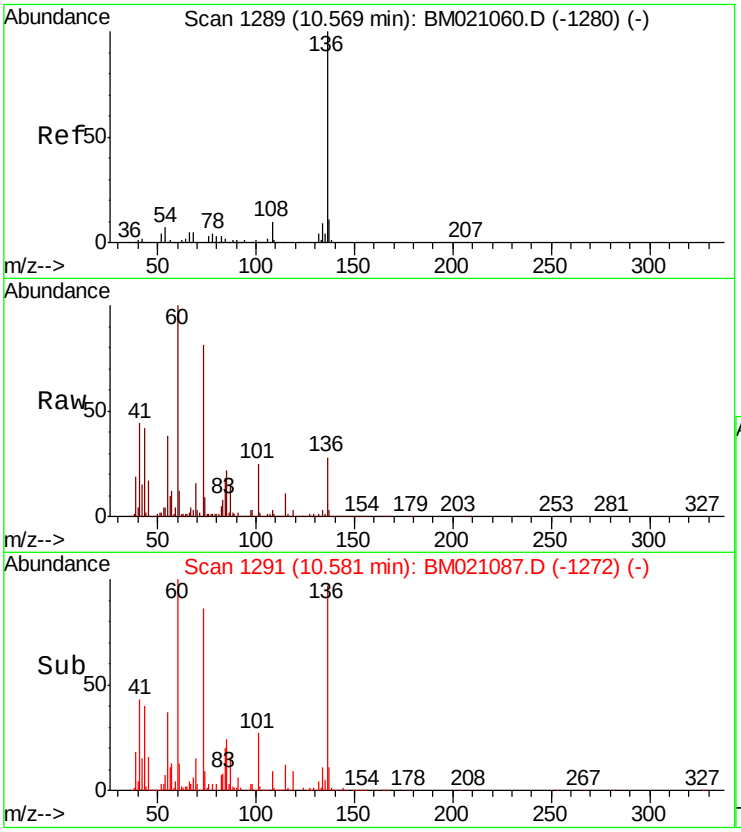


#18
Hexachloroethane
Concen: 2.137 ng
RT: 8.88 min Scan# 1002
Delta R.T. 0.03 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:117 Resp: 20604

Ion	Ratio	Lower	Upper
117	100		
119	401.8	77.5	116.3#
201	0.0	102.3	153.5#



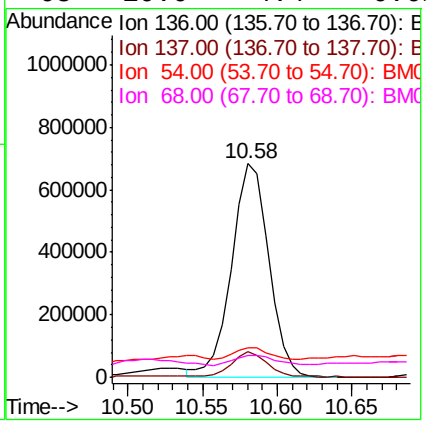


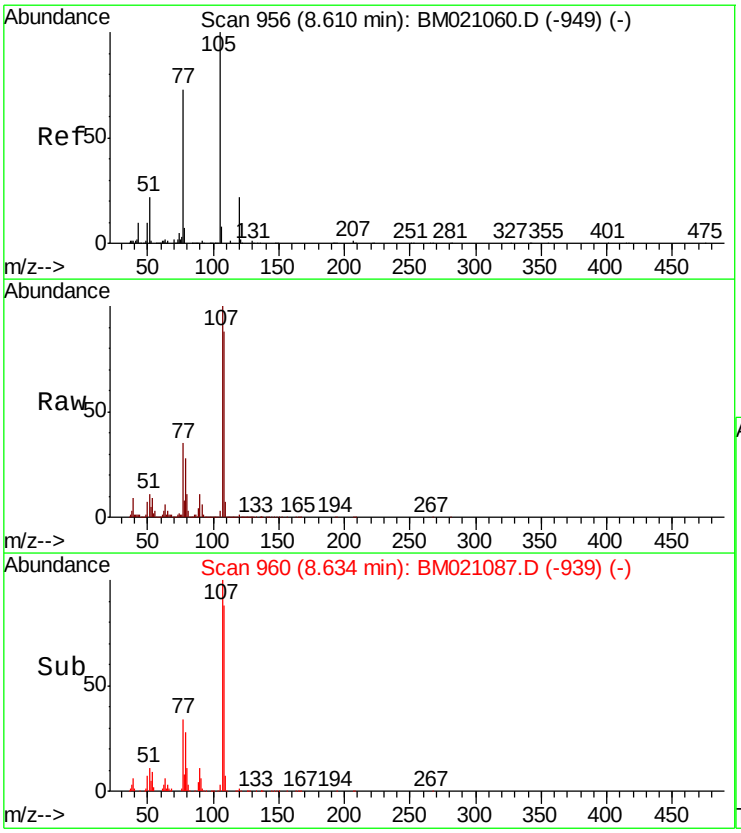
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:136 Resp: 1190225

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	13.8	5.3	7.9#
68	10.0	4.4	6.6#

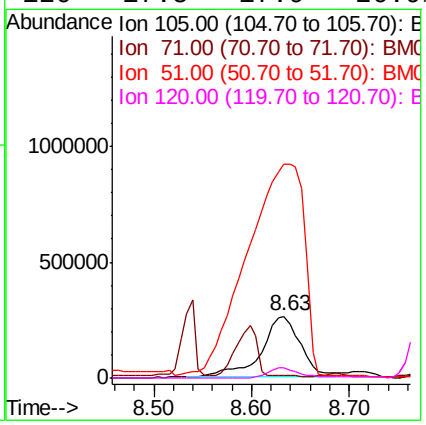


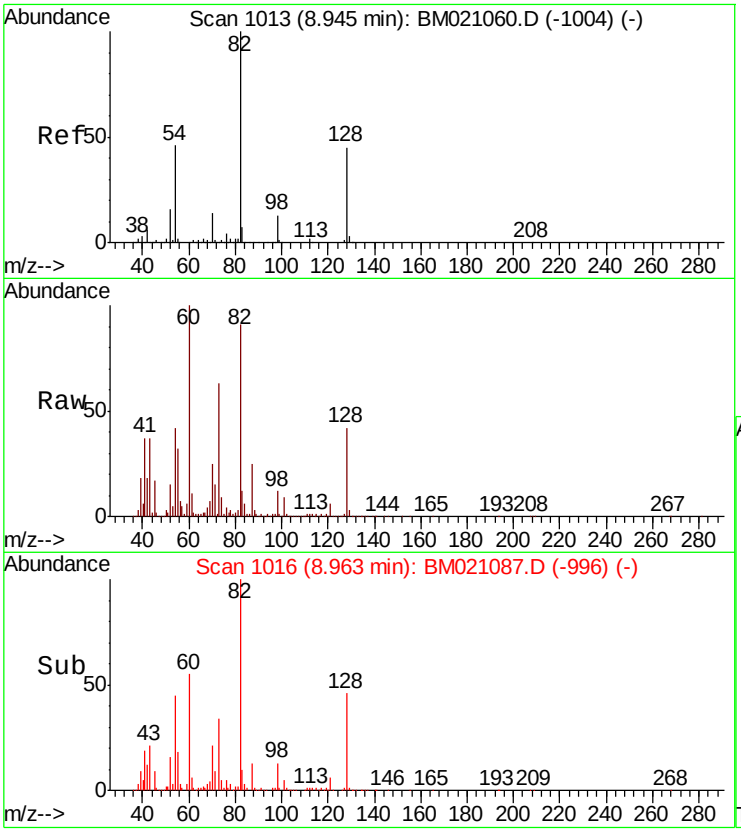


#22
Acetophenone
Concen: 24.135 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.02 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:105 Resp: 732020

Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.2	1.8#
51	345.7	19.1	28.7#
120	17.5	17.9	26.9#



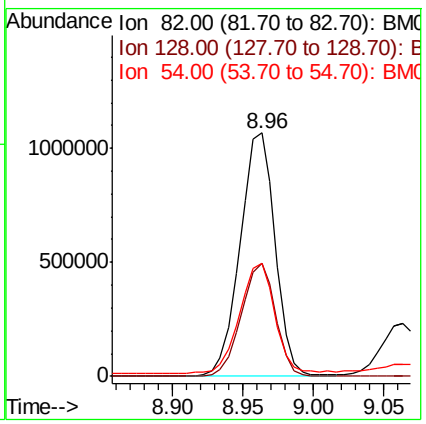


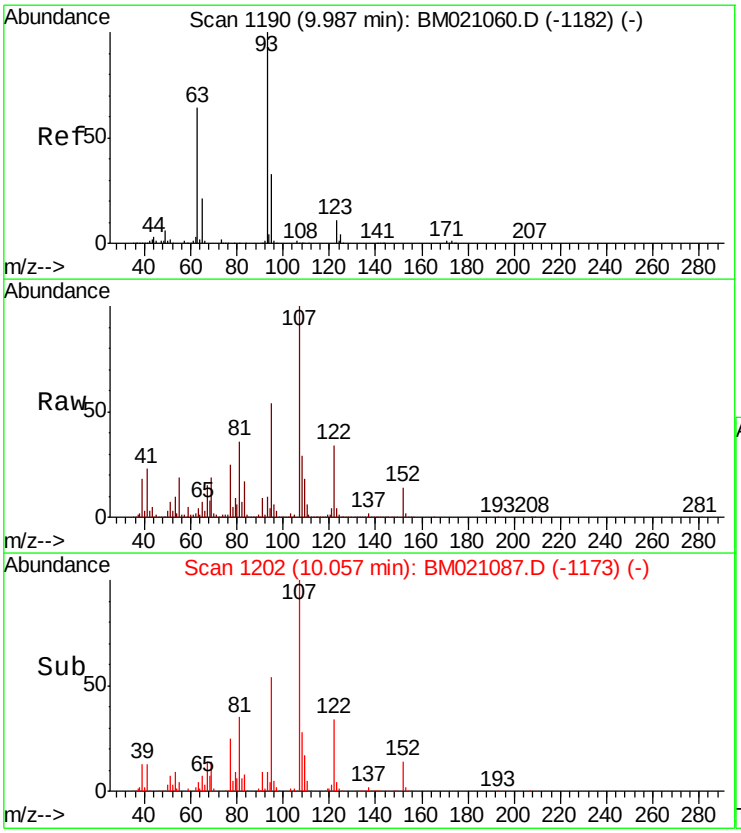
#23
Nitrobenzene-d5
Concen: 80.744 ng
RT: 8.96 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion: 82 Resp: 1844011

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.9	53.9
54	46.2	36.6	55.0

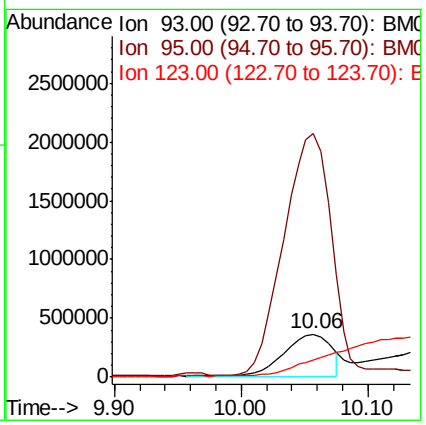


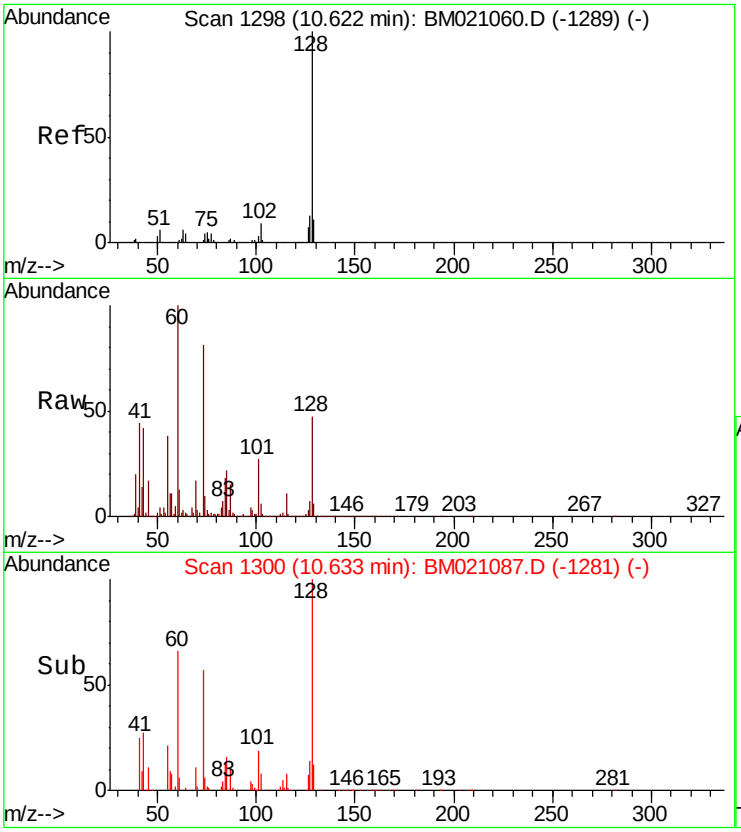


#28
bis(2-Chloroethoxy)methane
Concen: 35.124 ng
RT: 10.06 min Scan# 1202
Delta R.T. 0.07 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion: 93 Resp: 932655

Ion	Ratio	Lower	Upper
93	100		
95	569.6	26.2	39.2#
123	40.6	9.0	13.4#



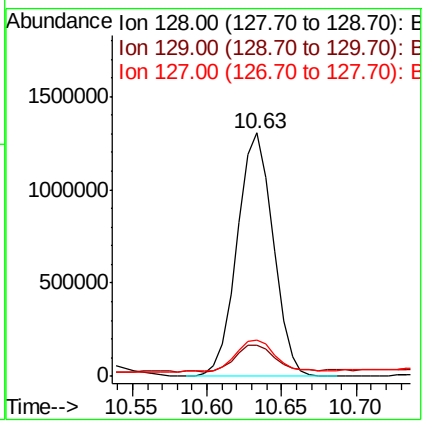


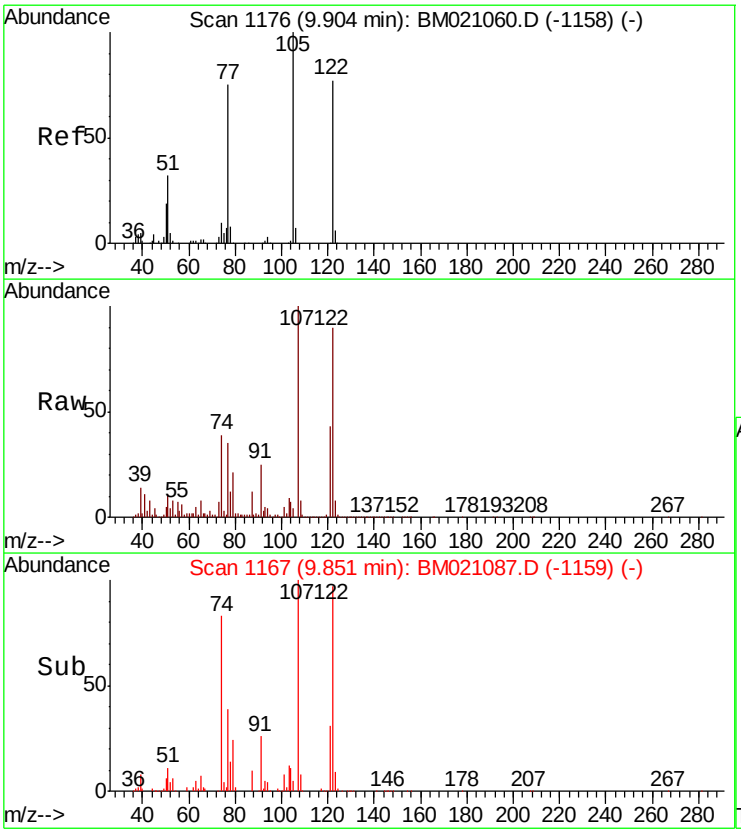
#31
Naphthalene
Concen: 34.415 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:128 Resp: 2167687

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.6	13.0
127	15.2	10.8	16.2

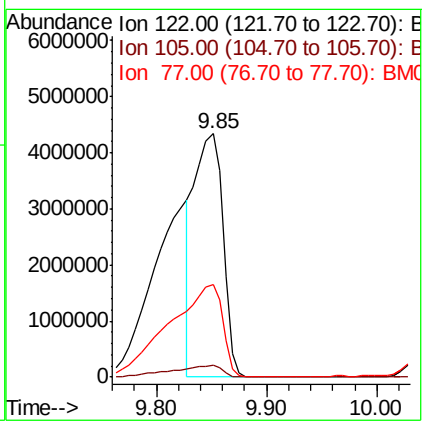


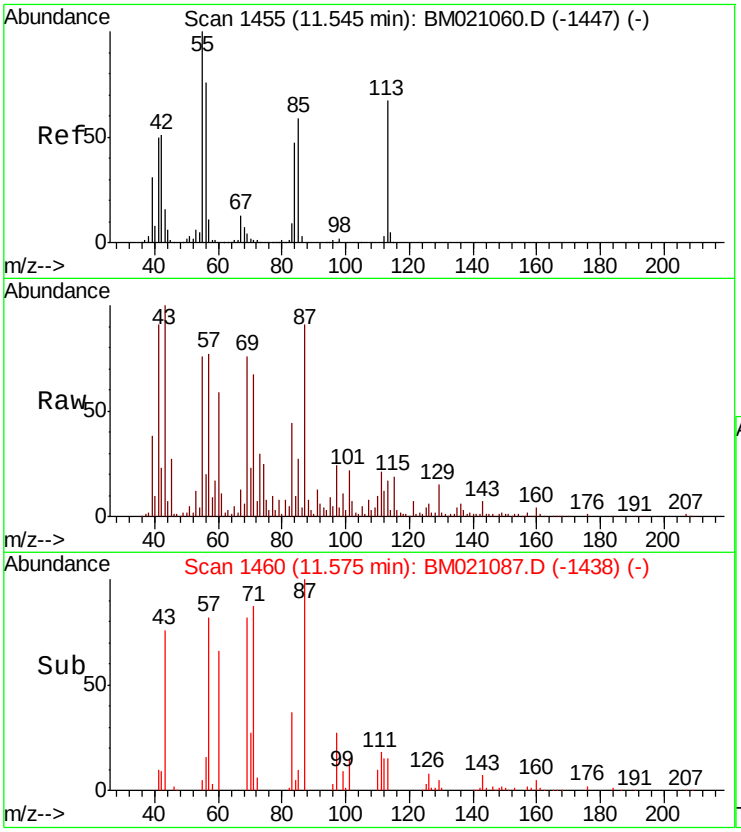


#32
Benzoic acid
Concen: 587.036 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:122 Resp: 7672777

Ion	Ratio	Lower	Upper
122	100		
105	4.7	108.9	148.9#
77	38.2	76.7	116.7#



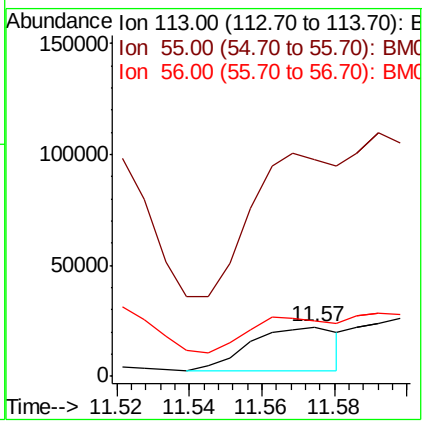


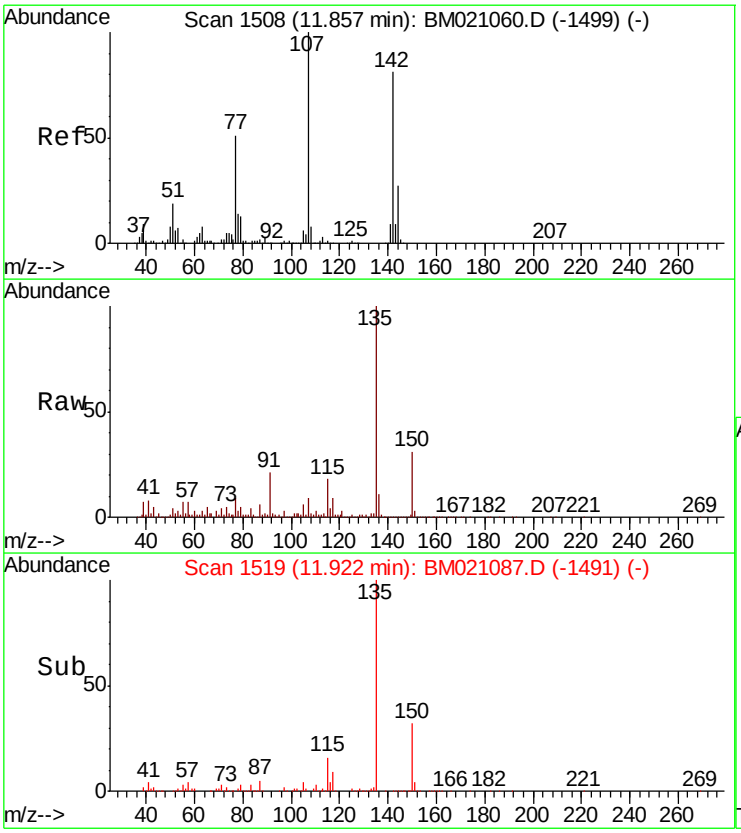
#35
Caprolactam
Concen: 5.095 ng
RT: 11.57 min Scan# 1460
Delta R.T. 0.03 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:113 Resp: 33322

Ion	Ratio	Lower	Upper
113	100		
55	440.5	129.8	169.8#
56	113.7	94.3	134.3

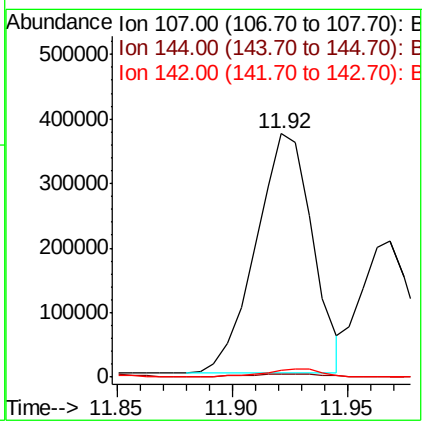


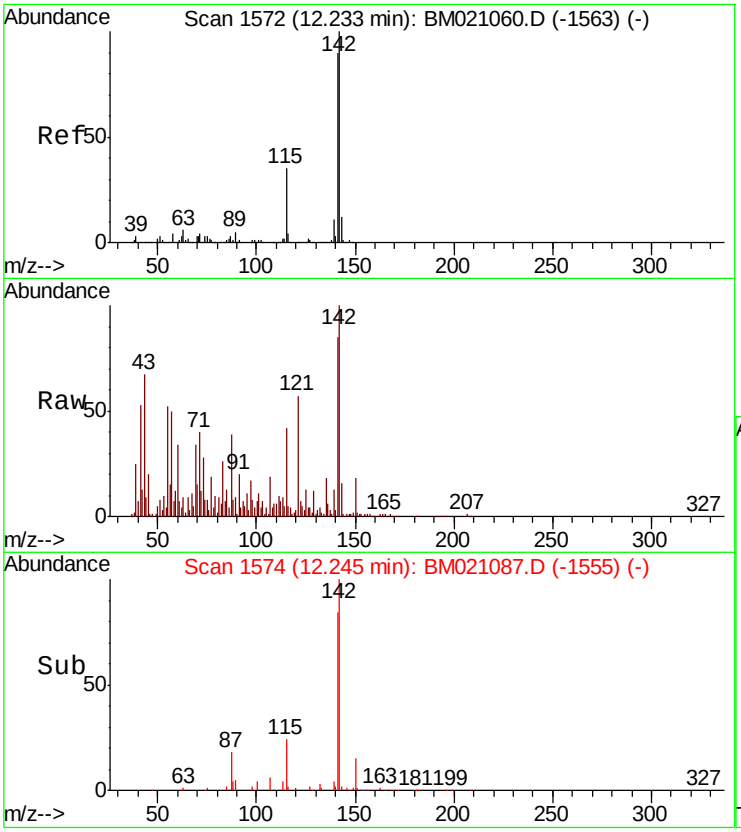


#36
4-Chloro-3-methylphenol
Concen: 29.729 ng
RT: 11.92 min Scan# 1519
Delta R.T. 0.06 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:107 Resp: 632556

Ion	Ratio	Lower	Upper
107	100		
144	1.5	21.3	31.9#
142	3.1	64.9	97.3#



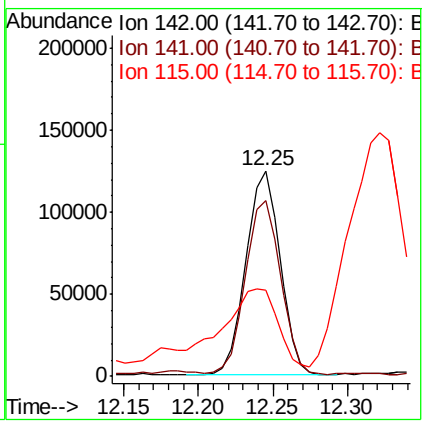


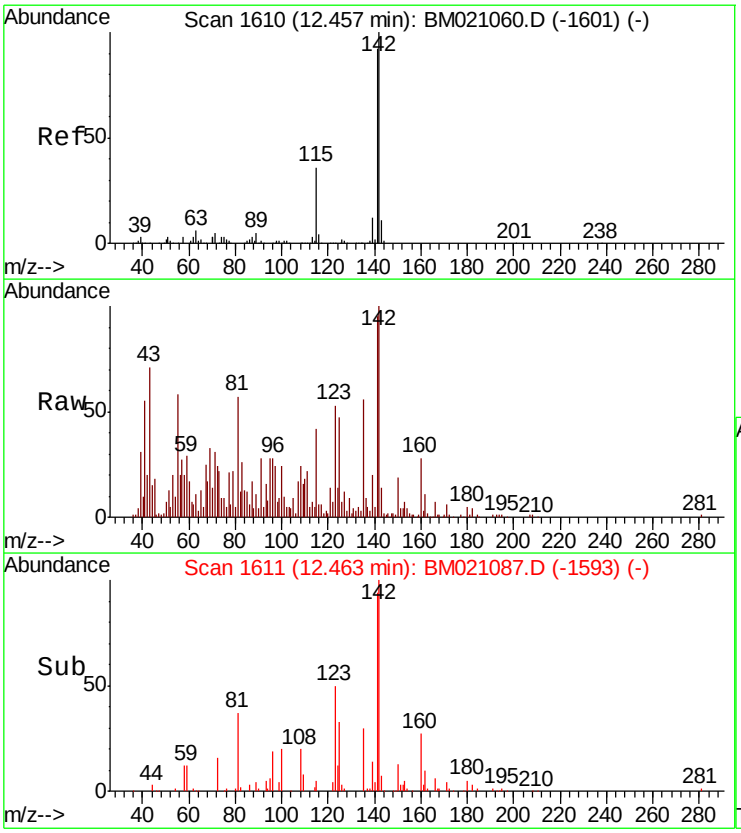
#37
2-Methylnaphthalene
Concen: 4.054 ng
RT: 12.25 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:142 Resp: 196462

Ion	Ratio	Lower	Upper
142	100		
141	85.3	72.2	108.2
115	41.8	27.9	41.9

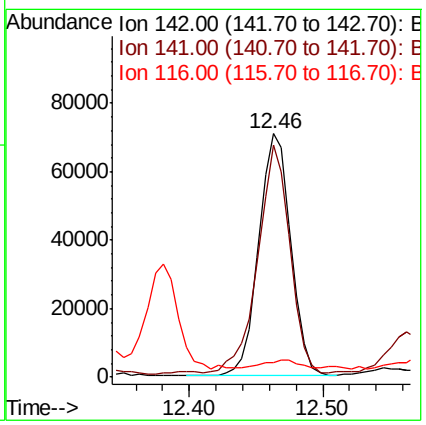


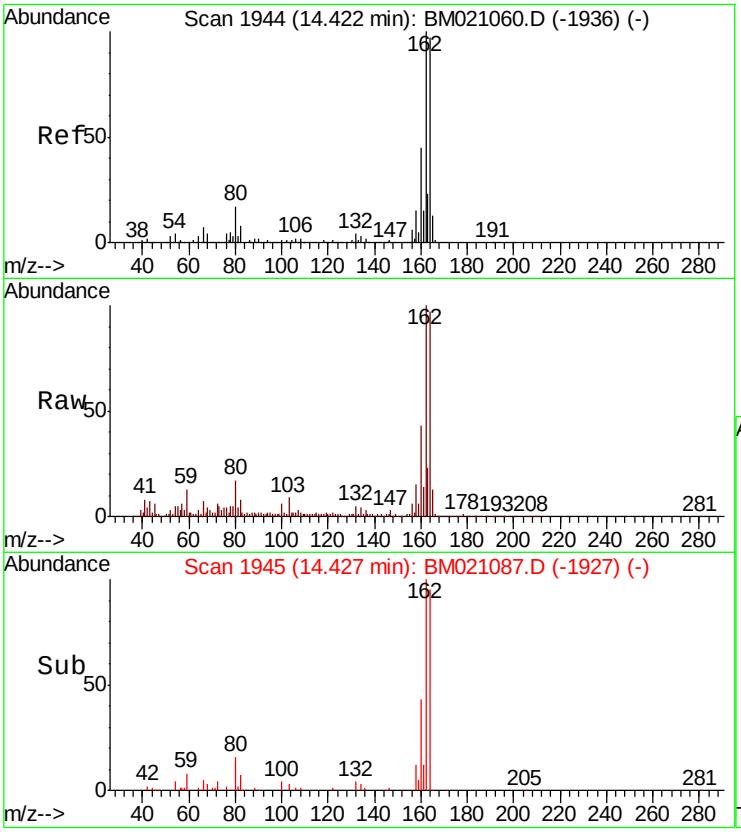


#38
1-Methylnaphthalene
Concen: 2.549 ng
RT: 12.46 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:142 Resp: 117811

Ion	Ratio	Lower	Upper
142	100		
141	95.2	73.9	110.9
116	5.8	3.0	4.6#



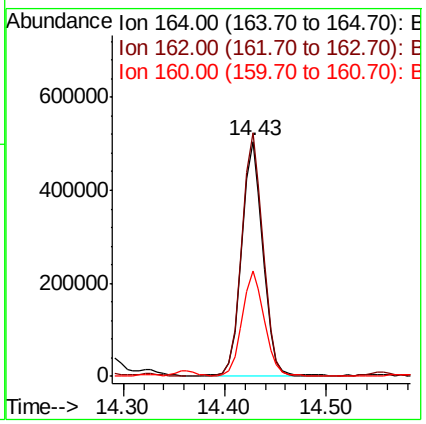


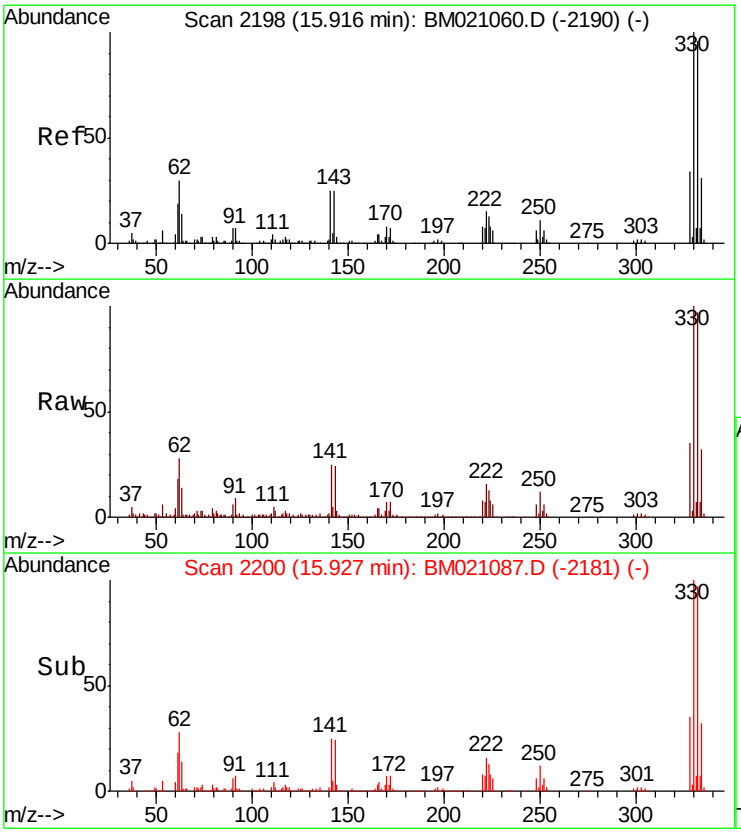
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:164 Resp: 723495

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	44.8	37.1	55.7

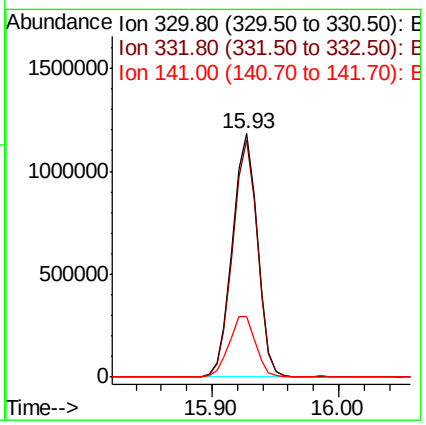


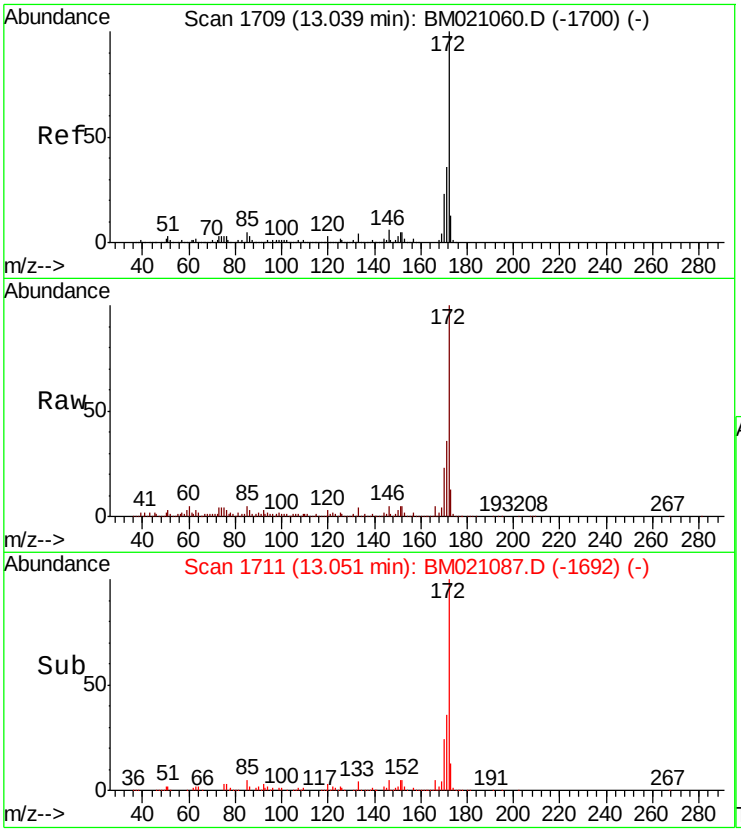


#42
2,4,6-Tribromophenol
Concen: 118.371 ng
RT: 15.93 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:330 Resp: 1607011

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	26.1	21.8	32.8



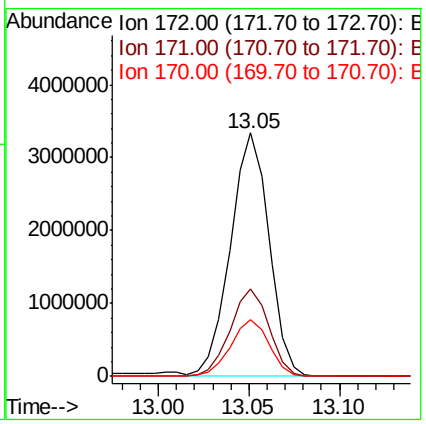


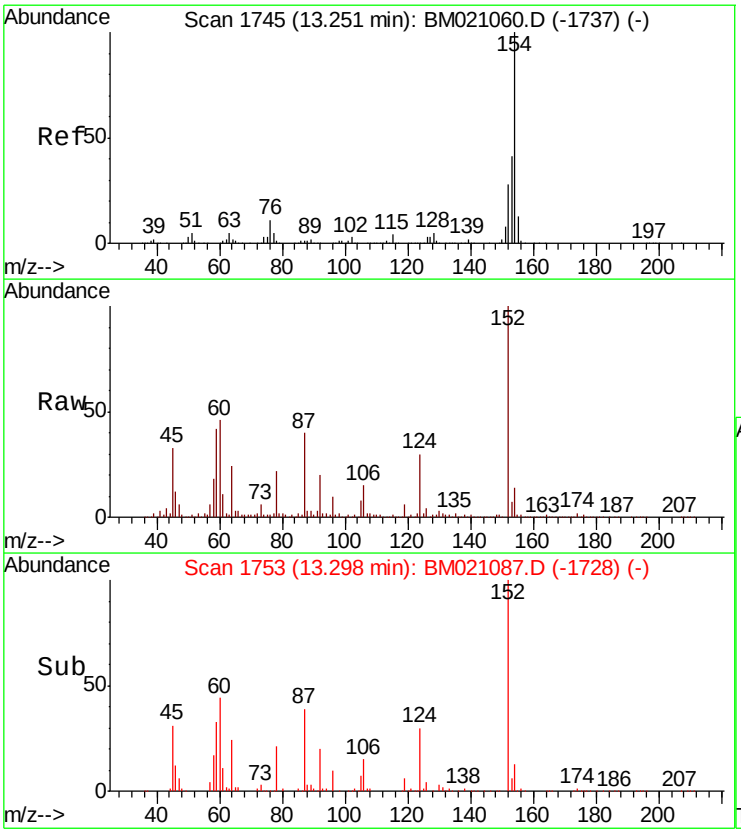
#45
2-Fluorobiphenyl
Concen: 83.809 ng
RT: 13.05 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:172 Resp: 4933721

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.5	18.7	28.1

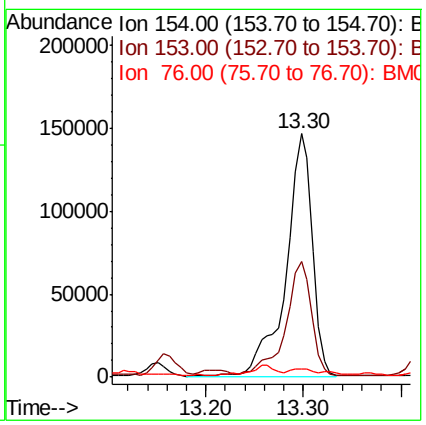


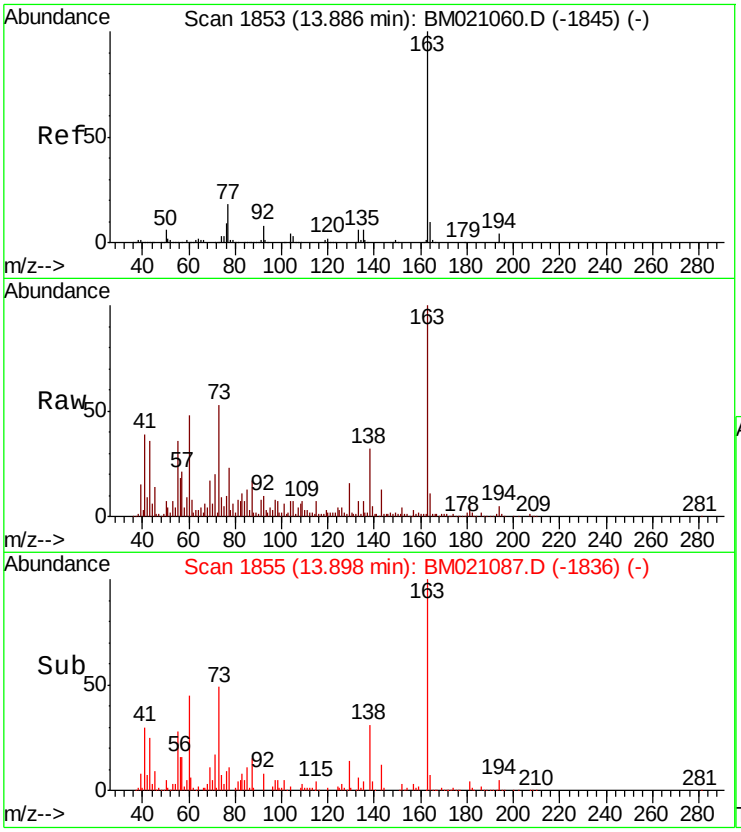


#46
1,1'-Biphenyl
Concen: 4.425 ng
RT: 13.30 min Scan# 1753
Delta R.T. 0.05 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:154 Resp: 274034

Ion	Ratio	Lower	Upper
154	100		
153	47.6	21.3	61.3
76	3.5	0.0	30.9



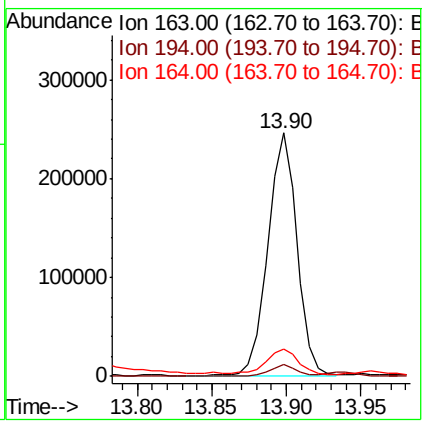


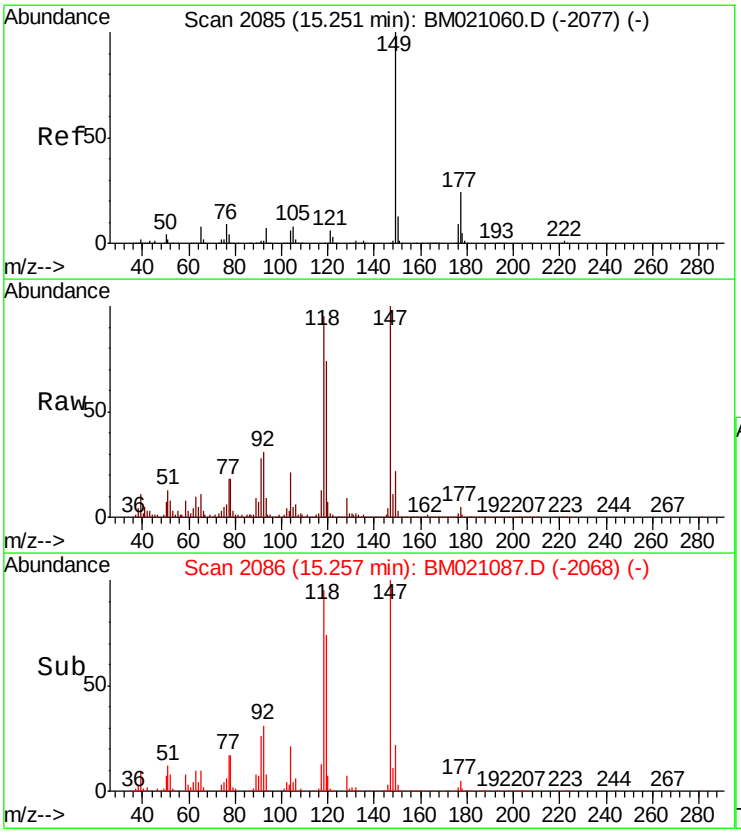
#50
Dimethylphthalate
Concen: 5.148 ng
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:163 Resp: 331176

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	11.4	8.2	12.2

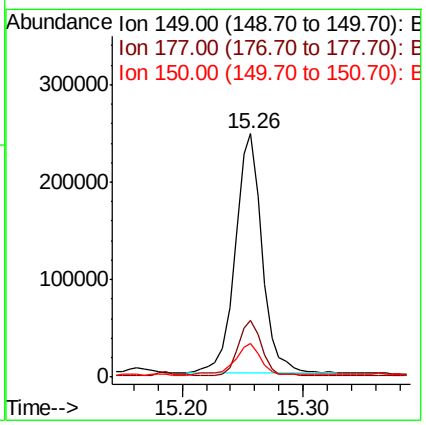


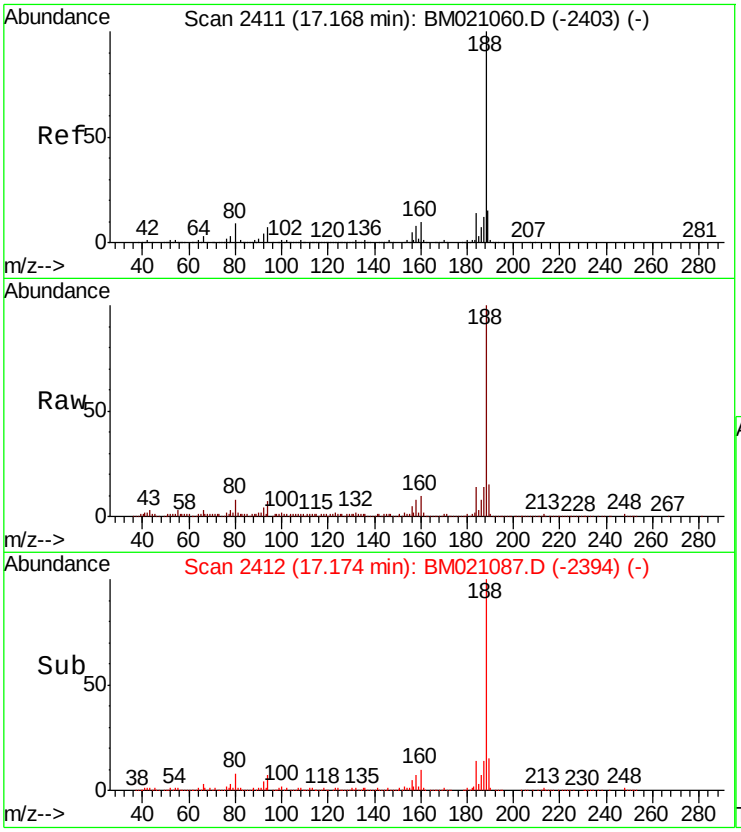


#60
Diethylphthalate
Concen: 6.046 ng
RT: 15.26 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:149 Resp: 383051

Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	13.7	10.1	15.1



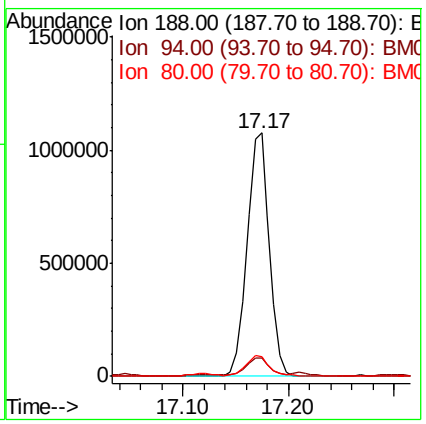


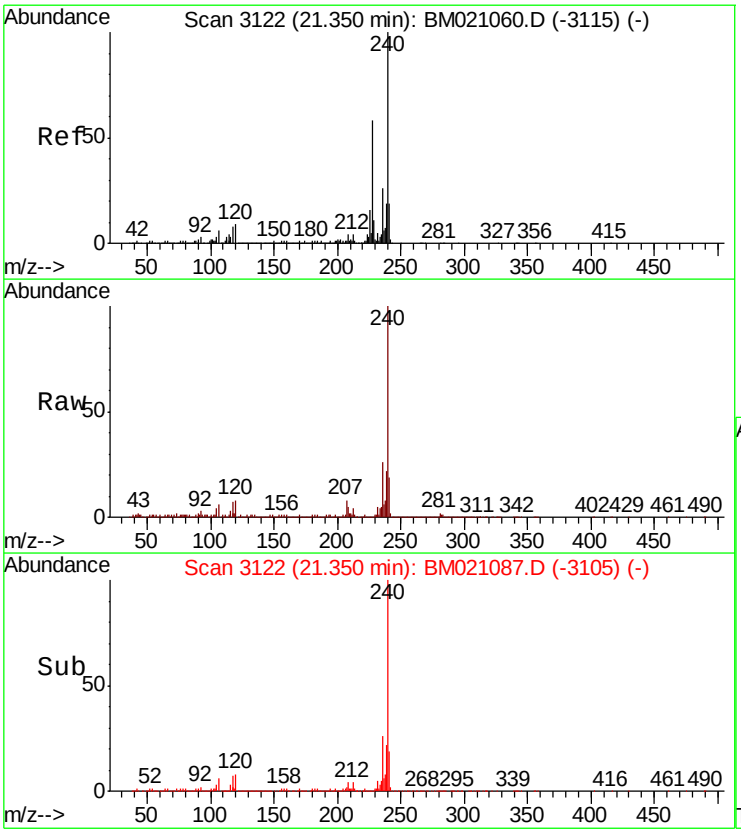
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:188 Resp: 1563787

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	8.3	6.9	10.3

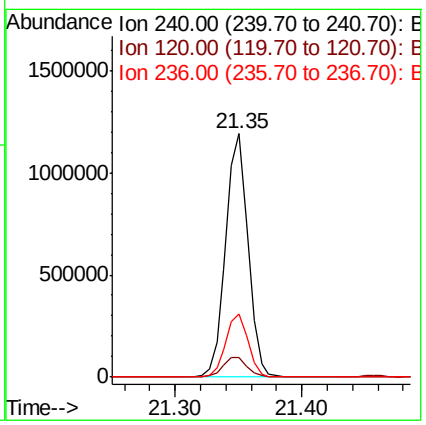


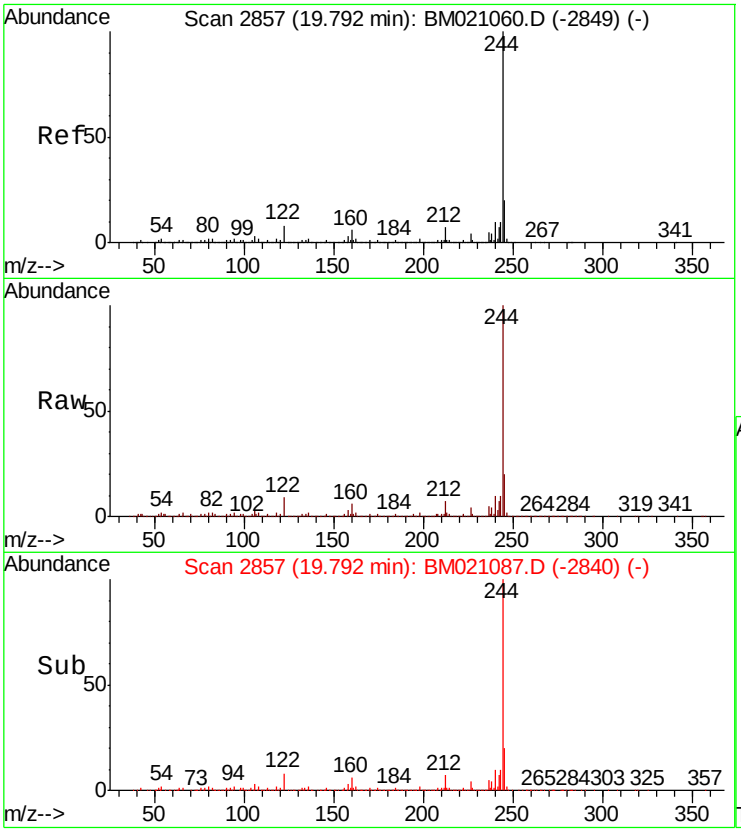


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:240 Resp: 1440645

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.9	10.3
236	25.9	20.4	30.6



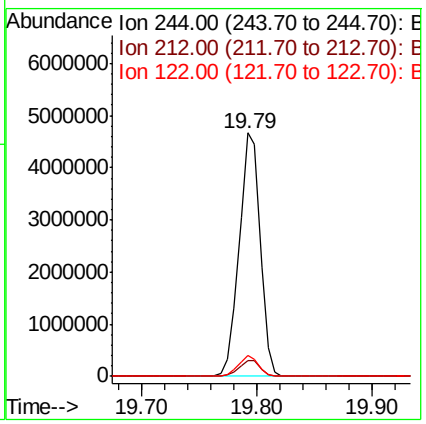


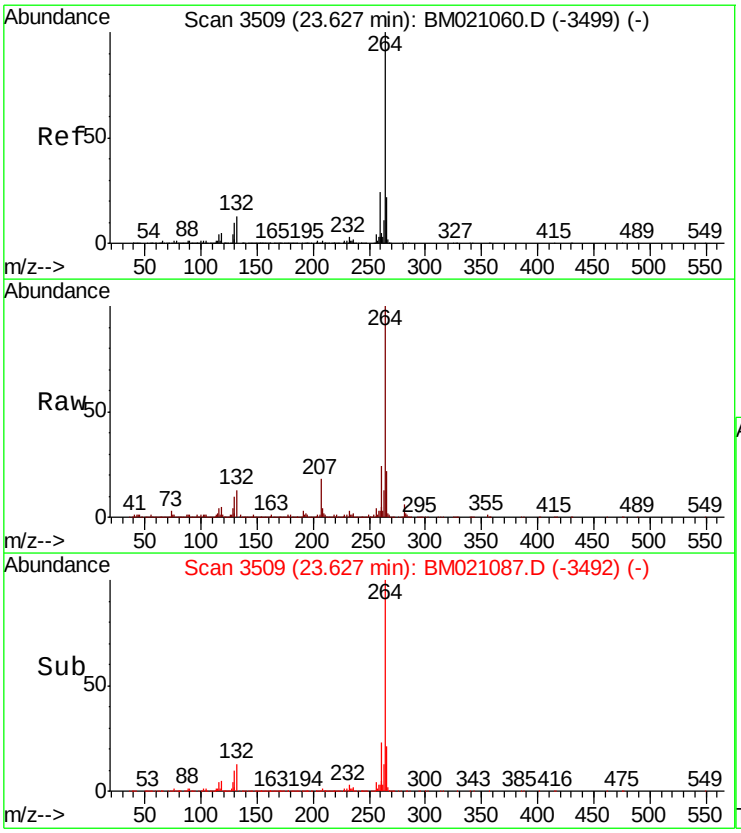
#79
Terphenyl-d14
Concen: 75.931 ng
RT: 19.79 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:244 Resp: 5856828

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	8.6	6.6	9.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:264 Resp: 1619599

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.8	17.7	26.5