Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
Data File : BM021079.D
Acq On : 21 Jun 2019 12:33
Operator : HP/JU
Sample : K3309-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SS043MW010-190611

Quant Time: Jun 21 23:28:54 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	245970	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1046906	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	724185	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1863551	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1975441	20.00	ng	0.00
87) Perylene-d12	23.63	264	1986425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	796726	58.65	ng	0.00
7) Phenol-d6	6.95	99	707691	35.77	ng	0.00
23) Nitrobenzene-d5	8.94	82	1798020	89.51	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1935647	142.44	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	5309743	90.11	ng	0.00
79) Terphenyl-d14	19.79	244	9909220	93.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	25711	5.024	ng	# 92
9) Benzaldehyde	6.93	77	3108	Below Cal		# 61
13) 1,4-Dichlorobenzene	7.81	146	47370	2.300	ng	95
52) Acenaphthene	14.48	154	422170	9.134	ng	100
58) Fluorene	15.47	166	425232	6.902	ng	100

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

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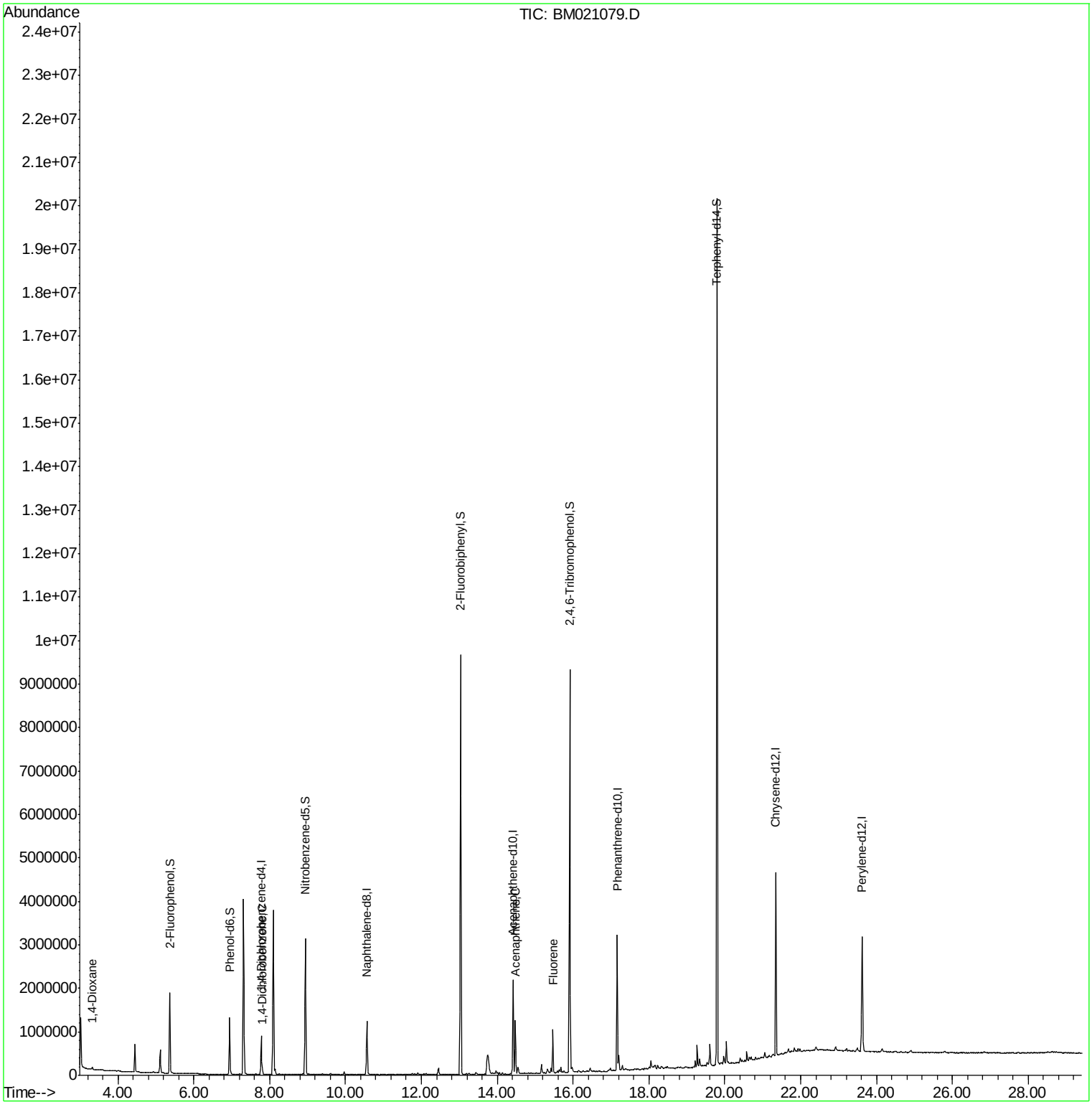
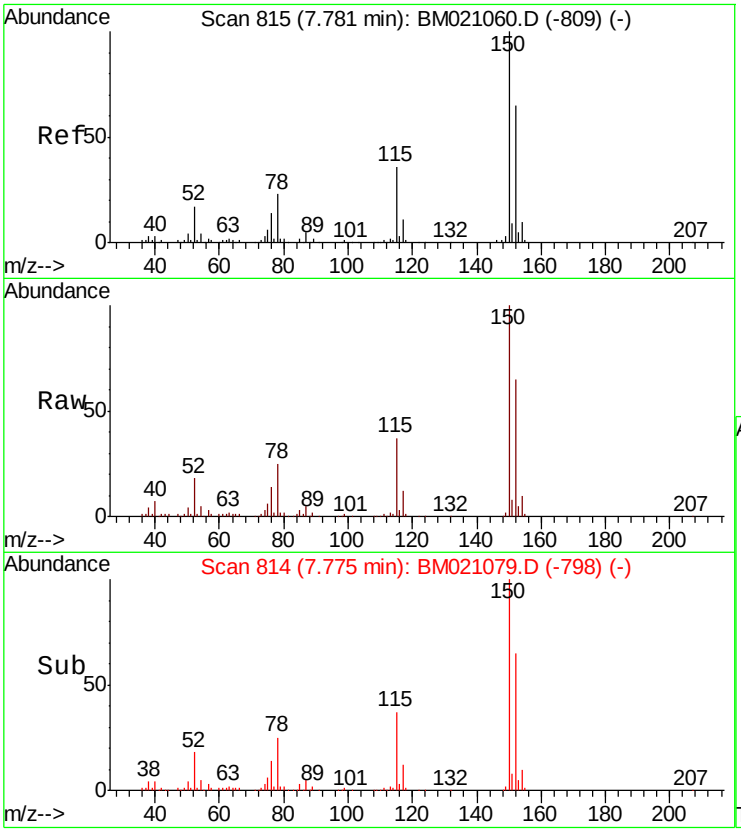


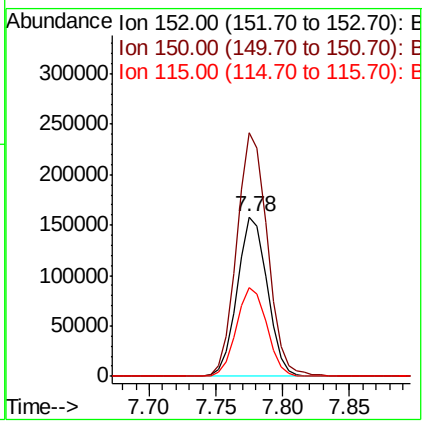


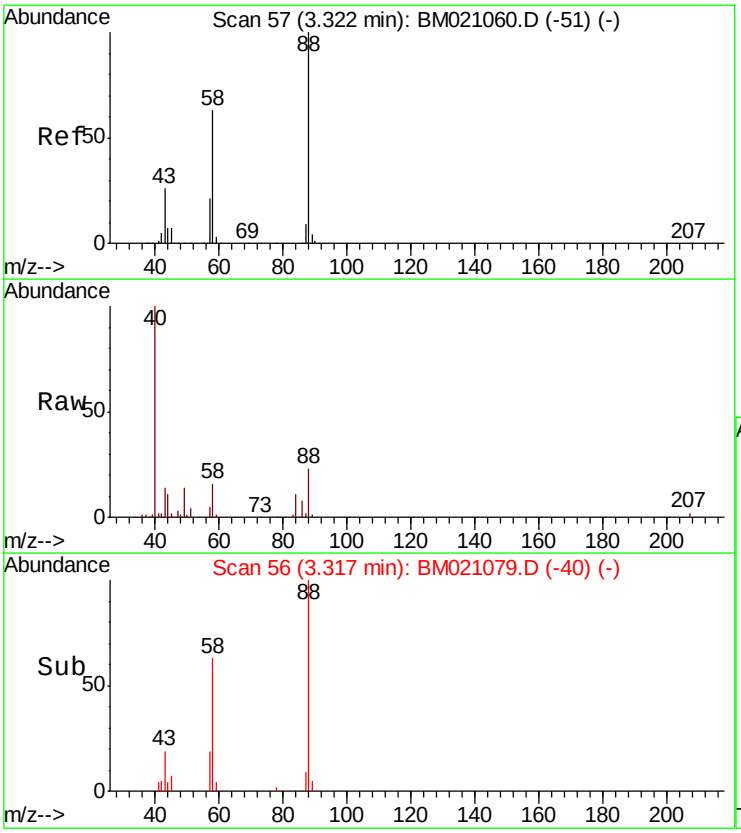
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

Tgt Ion:152 Resp: 245970

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.1	184.7
115	55.9	44.2	66.4

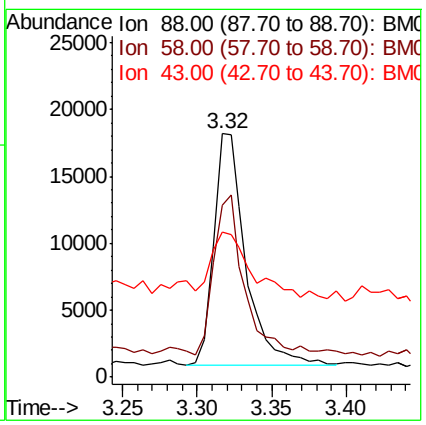


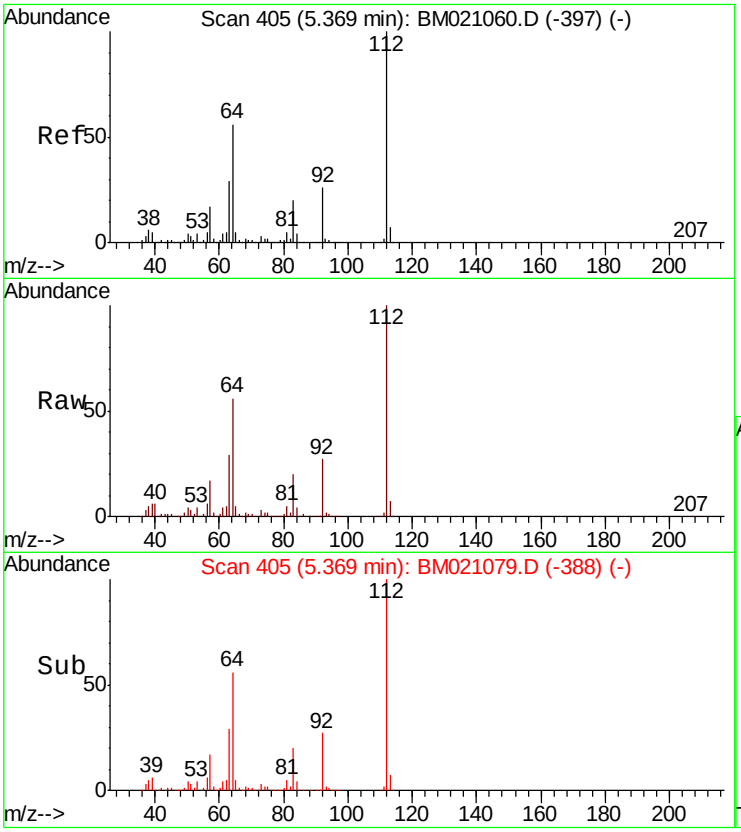


#2
1,4-Dioxane
Concen: 5.024 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion: 88 Resp: 25711

Ion	Ratio	Lower	Upper
88	100		
58	67.4	51.9	77.9
43	36.7	21.4	32.2#



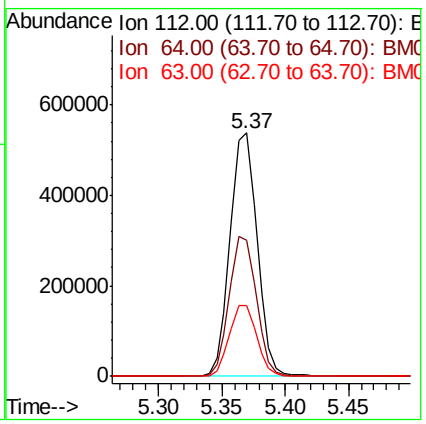


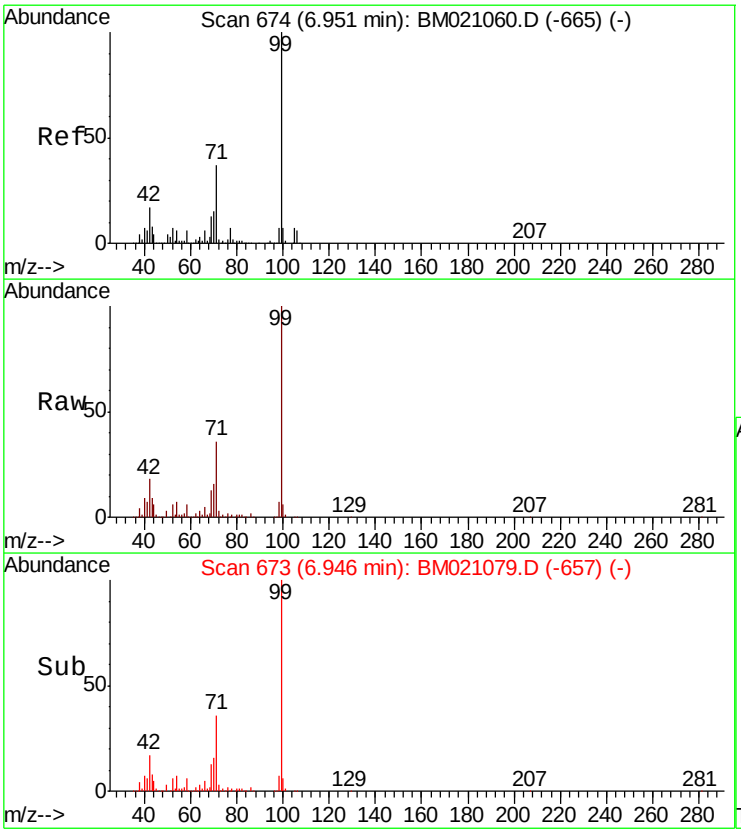
#5
2-Fluorophenol
Concen: 58.652 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

Tgt Ion:112 Resp: 796726

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.2	67.8
63	29.1	23.5	35.3

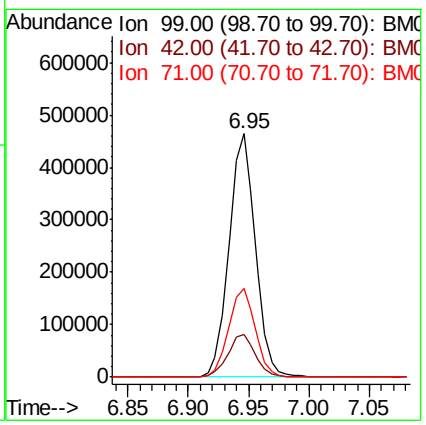


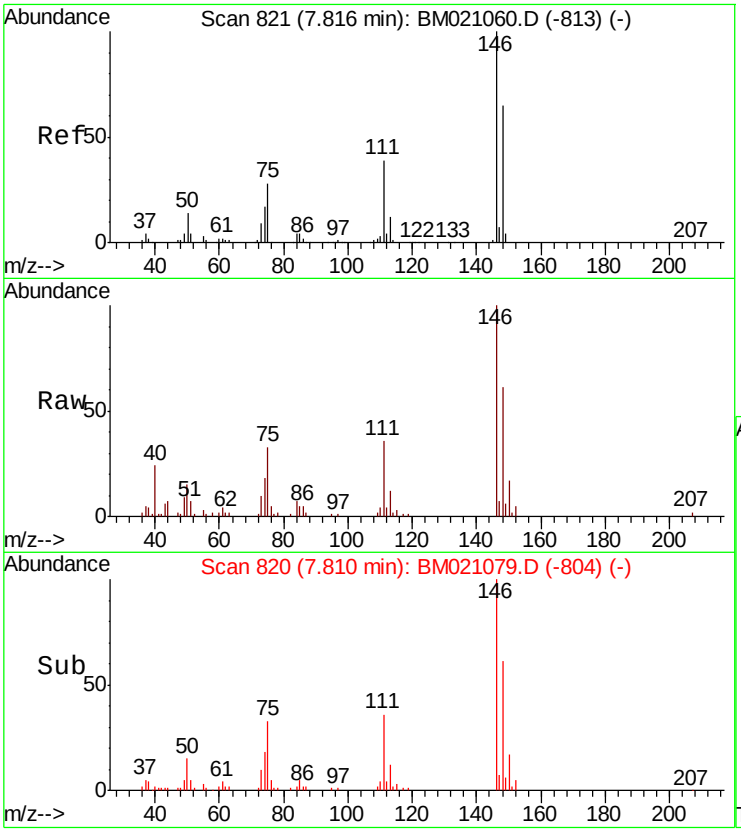


#7
Phenol-d6
Concen: 35.775 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion: 99 Resp: 707691

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	36.4	29.3	43.9



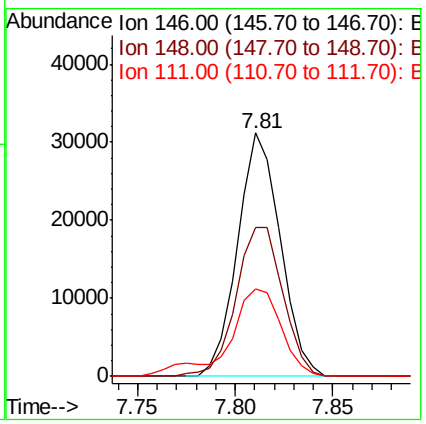


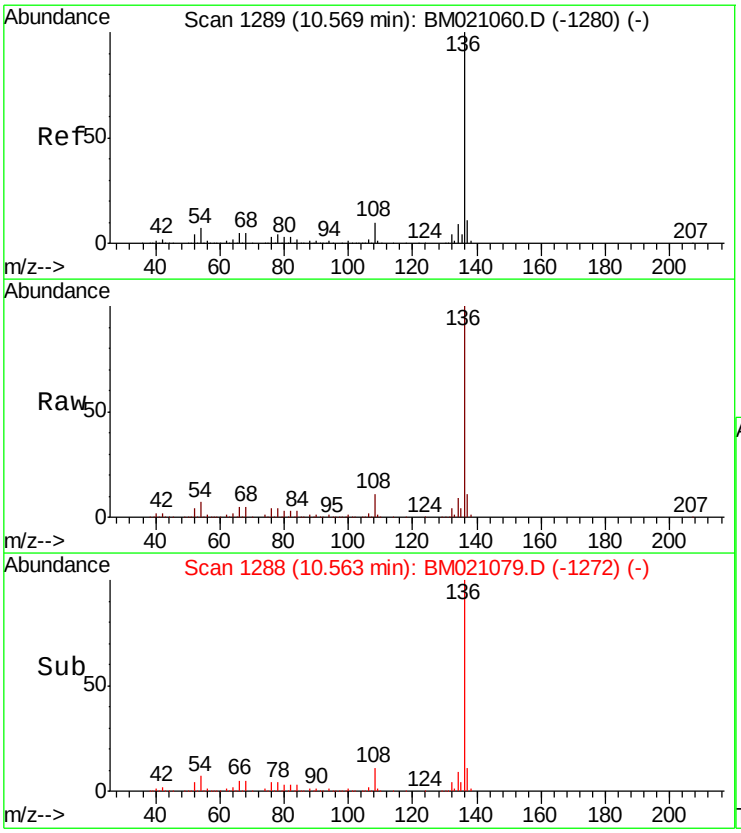
#13
1,4-Dichlorobenzene
Concen: 2.300 ng
RT: 7.81 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

Tgt Ion:146 Resp: 47370

Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.9	77.9
111	35.7	31.4	47.0

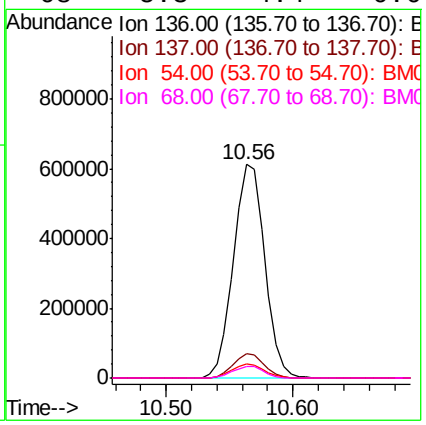


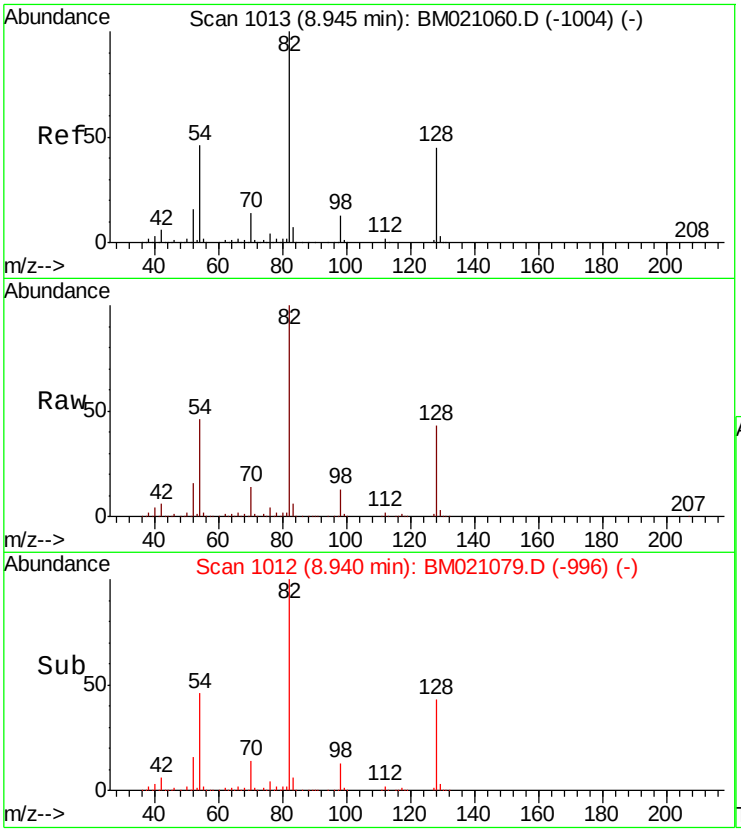


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion:136 Resp: 1046906

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.6	5.3	7.9
68	5.3	4.4	6.6



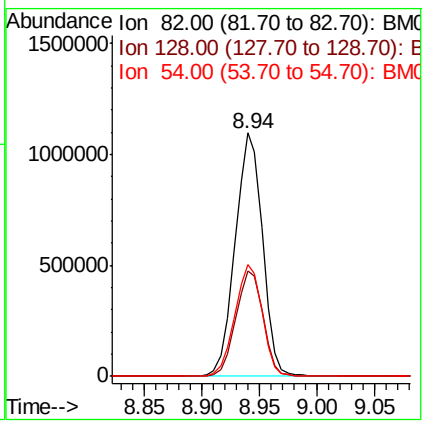


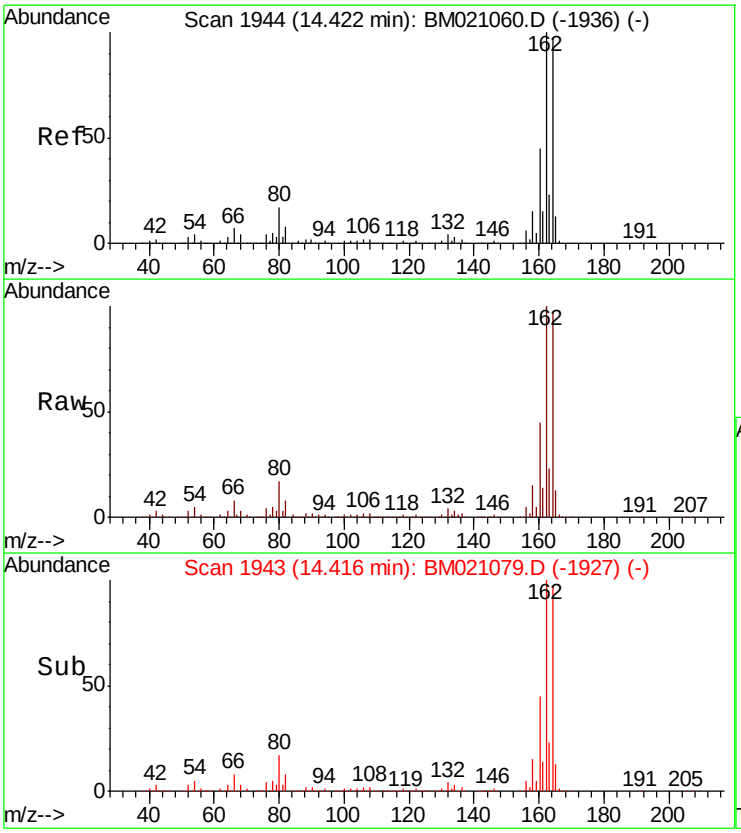
#23
Nitrobenzene-d5
Concen: 89.508 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

Tgt Ion: 82 Resp: 1798020

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.9	53.9
54	45.9	36.6	55.0

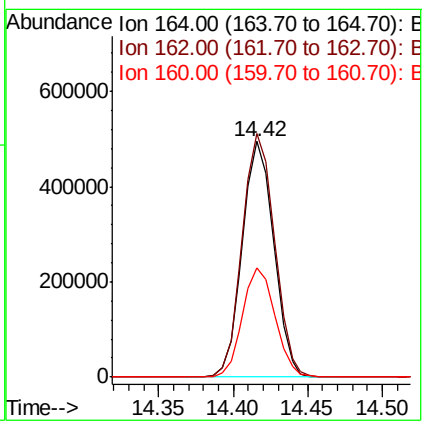


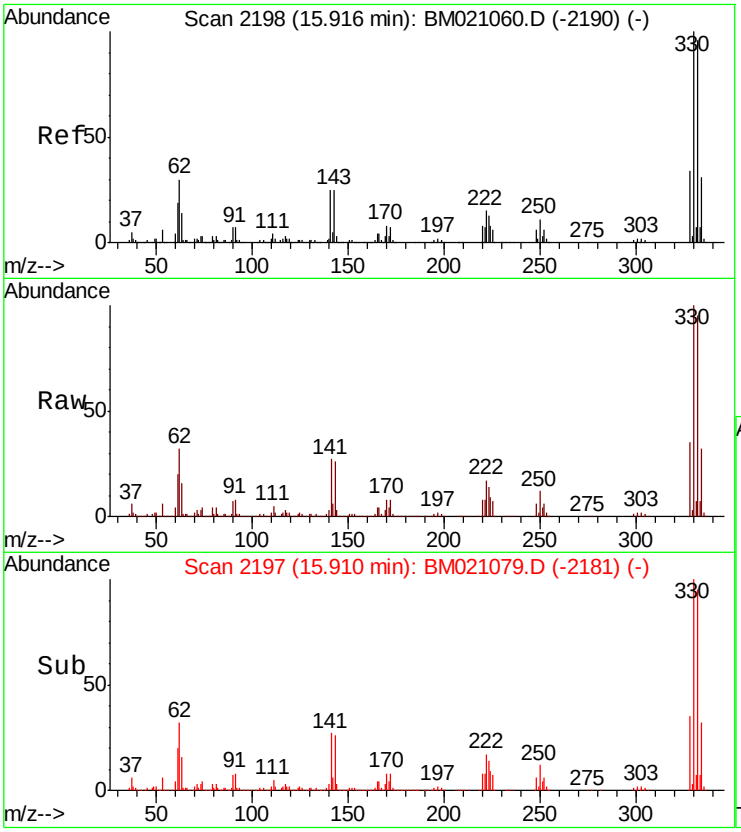


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion:164 Resp: 724185

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.1	123.1
160	46.6	37.1	55.7



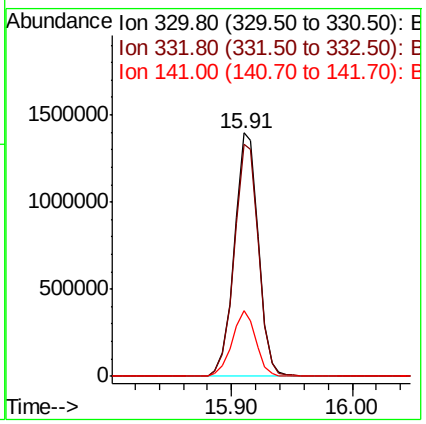


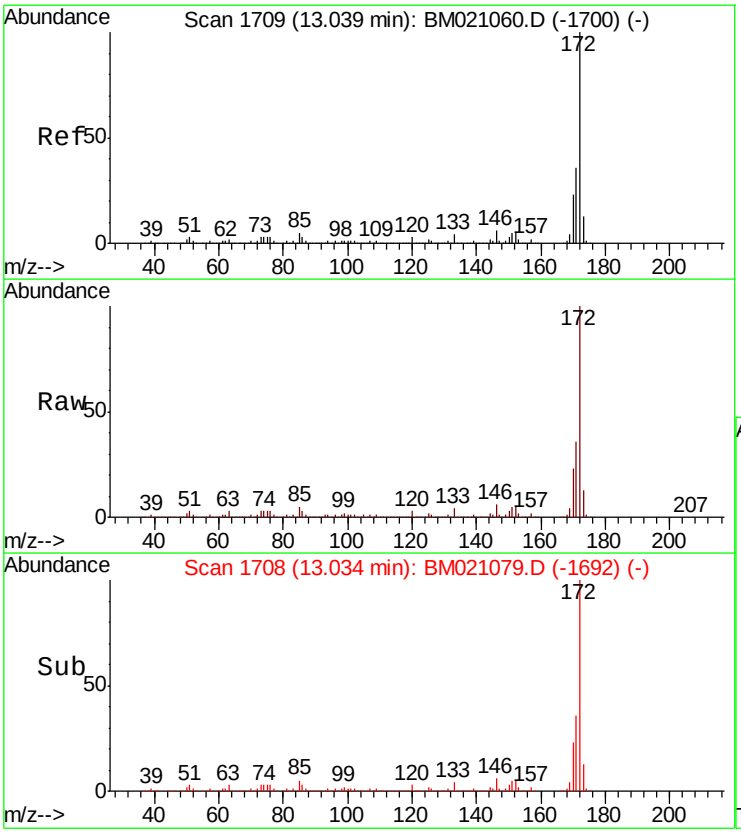
#42
2,4,6-Tribromophenol
Concen: 142.442 ng
RT: 15.91 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

Tgt Ion:330 Resp: 1935647

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	26.9	21.8	32.8

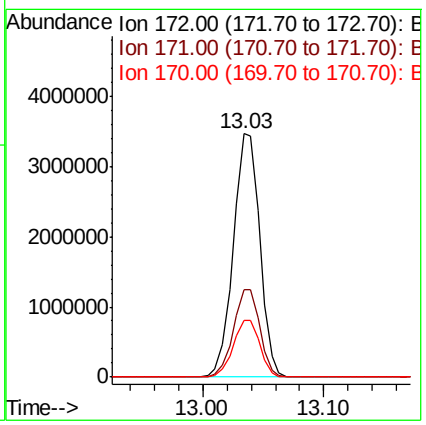


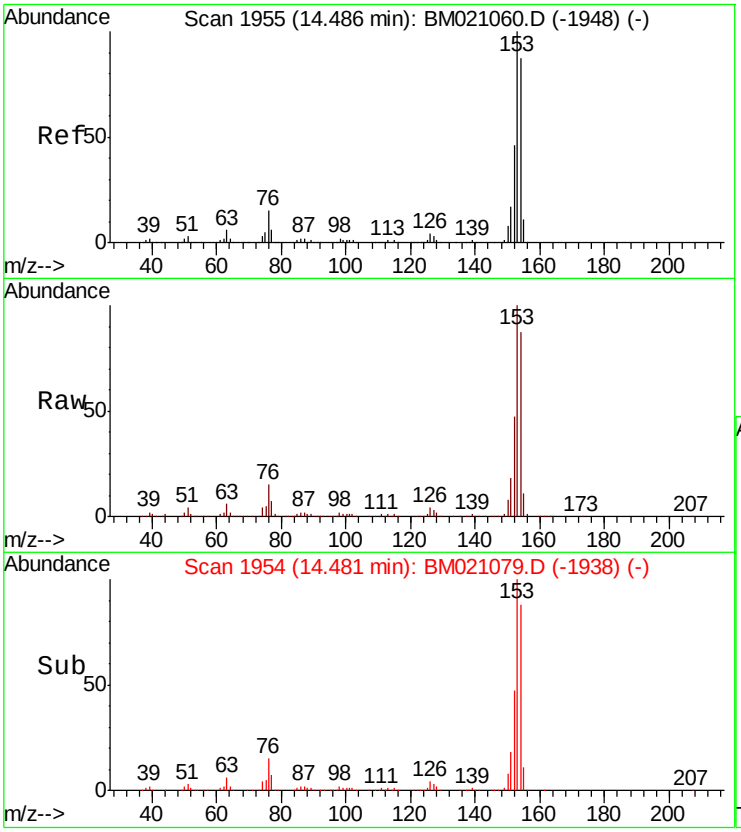


#45
2-Fluorobiphenyl
Concen: 90.111 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion:172 Resp: 5309743

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.2	18.7	28.1



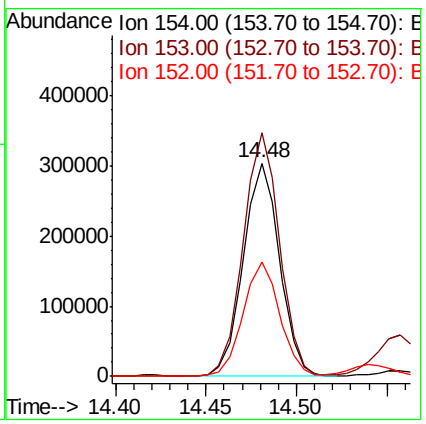


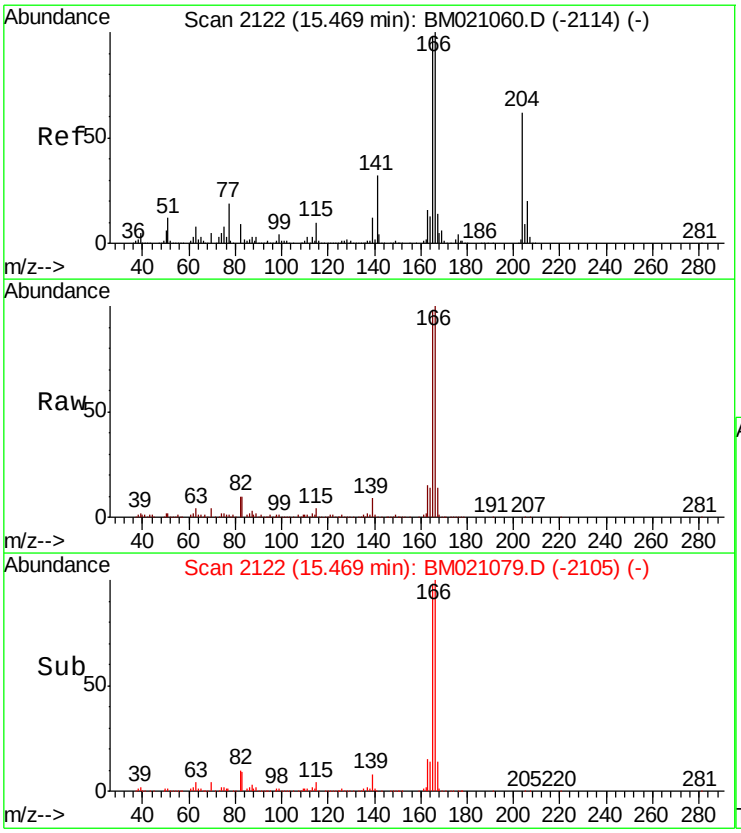
#52
Acenaphthene
Concen: 9.134 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

Tgt Ion:154 Resp: 422170

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.5	137.3
152	53.7	42.3	63.5

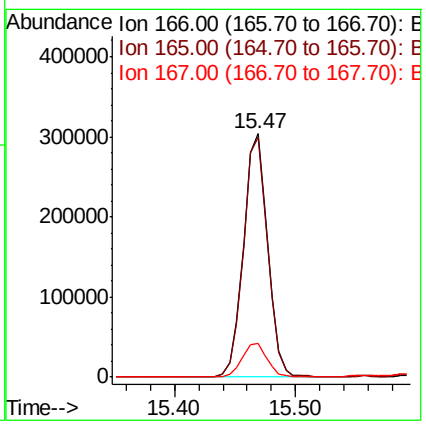


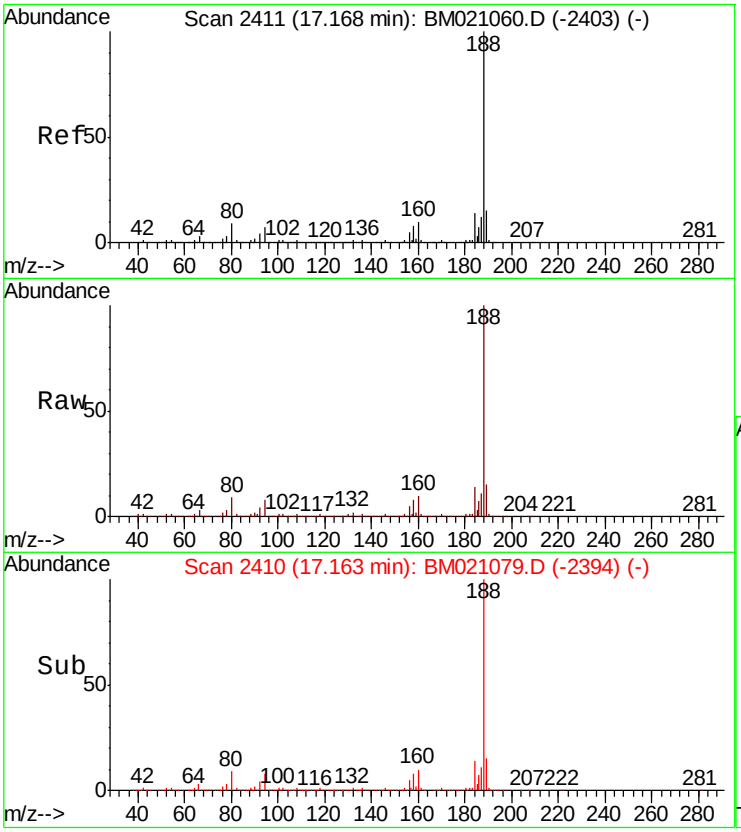


#58
Fluorene
Concen: 6.902 ng
RT: 15.47 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion:166 Resp: 425232

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.7	10.9	16.3



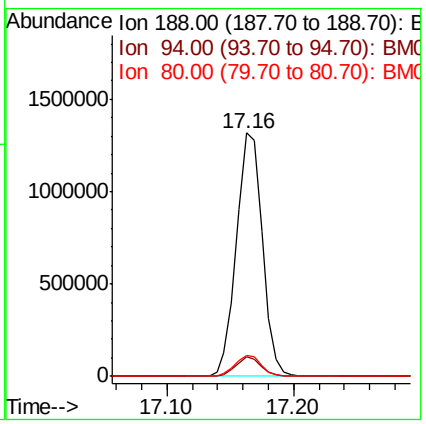


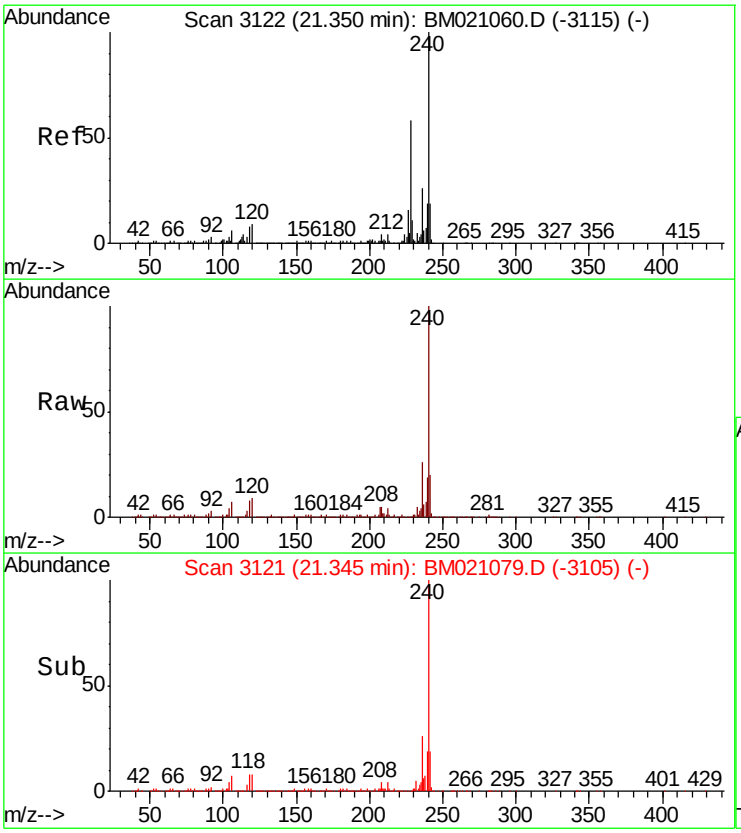
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

Tgt Ion:188 Resp: 1863551

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.8
80	8.6	6.9	10.3

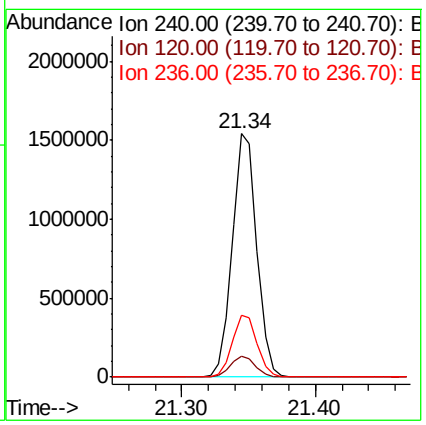


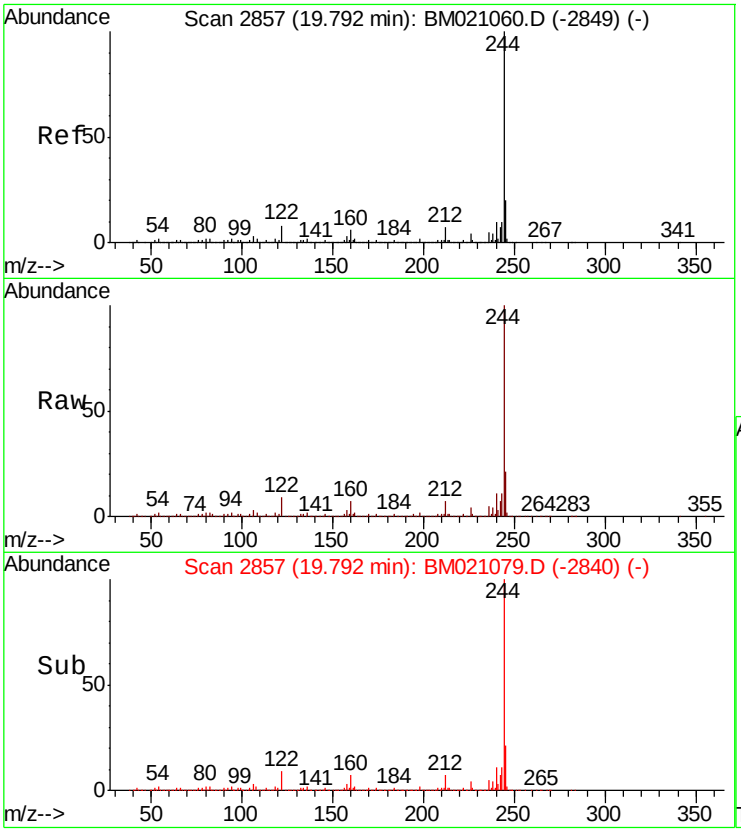


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion:240 Resp: 1975441

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	25.7	20.4	30.6



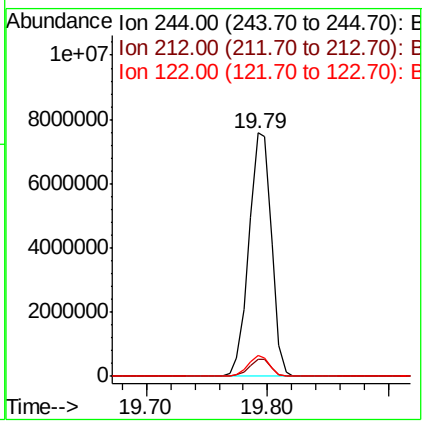


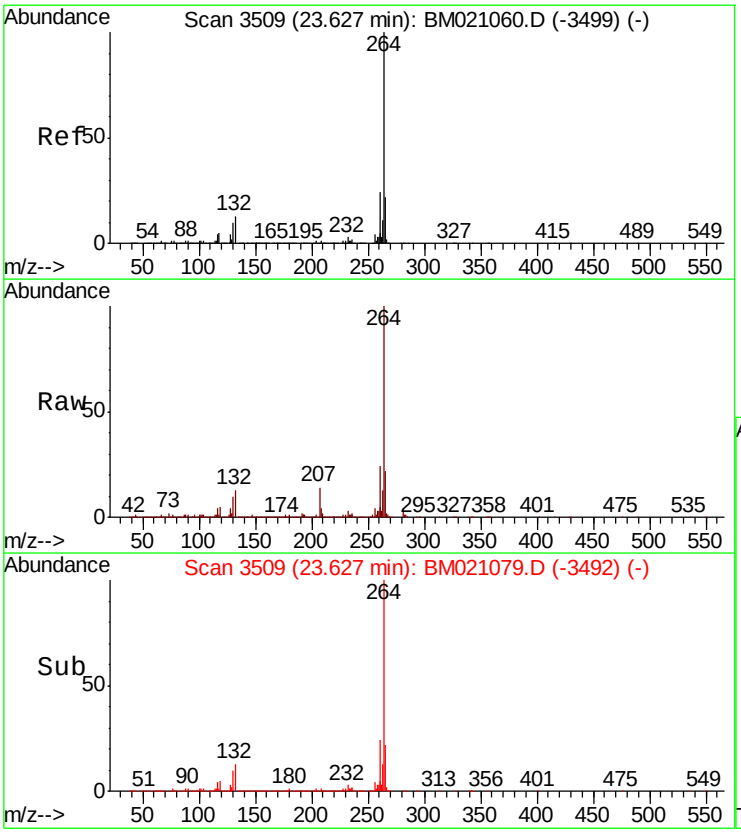
#79
Terphenyl-d14
Concen: 93.689 ng
RT: 19.79 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BM021079.D
Acq: 21 Jun 2019 12:33

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611

Tgt Ion:244 Resp: 9909220

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.3	7.9
122	8.7	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: BM021079.D
Acq: 21 Jun 2019 12:33

Tgt Ion:264 Resp: 1986425

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.1	17.7	26.5