Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-04-050219-A

Quant Time: May 07 03:30:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	133286	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	517810	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	309020	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	719121	20.00	ng		0.00
76) Chrysene-d12	21.36	240	750323	20.00	ng		0.00
87) Perylene-d12	23.66	264	880864	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	446694	54.78	ng		0.00
7) Phenol-d6	6.95	99	657526	59.03	ng		0.00
23) Nitrobenzene-d5	8.95	82	446898	34.07	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	256371	53.45	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	831611	33.11	ng		0.00
79) Terphenyl-d14	19.80	244	1257467	29.23	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.88	122	115	6.631	ng	#	1
38) 1-Methylnaphthalene	12.47	142	105058	5.484	ng		99
50) Dimethylphthalate	13.89	163	89947	3.425	ng		99
56) 4-Nitrophenol	14.64	139	11569	2.641	ng	#	29
65) 4,6-Dinitro-2-methylphenol	15.52	198	124	7.191	ng	#	1
71) Phenanthrene	17.22	178	163743	4.125	ng		97
75) Fluoranthene	19.24	202	226766	4.515	ng		95
78) Pyrene	19.60	202	236731	4.699	ng		98
81) Benzo(a)anthracene	21.35	228	149428	2.840	ng	#	85
83) Chrysene	21.40	228	140081	2.745	ng	#	85
88) Benzo(b)fluoranthene	22.96	252	201159	3.458	ng	#	75
89) Benzo(k)fluoranthene	22.96	252	194428	3.664	ng	#	76
90) Benzo(a)pyrene	23.56	252	140393	2.657	ng	#	71

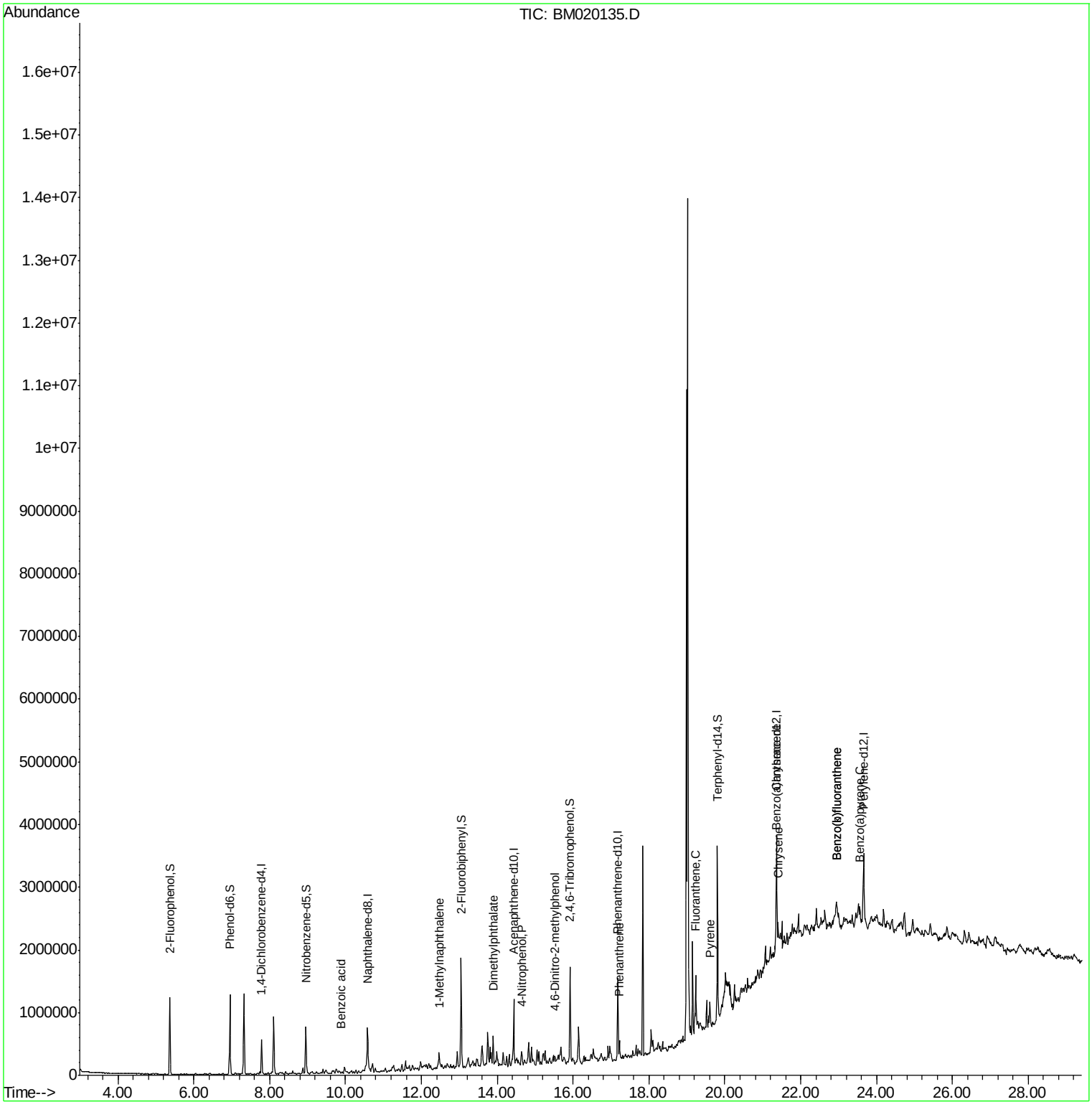
(#) = qualifier out of range (m) = manual integration (+) = signals summed

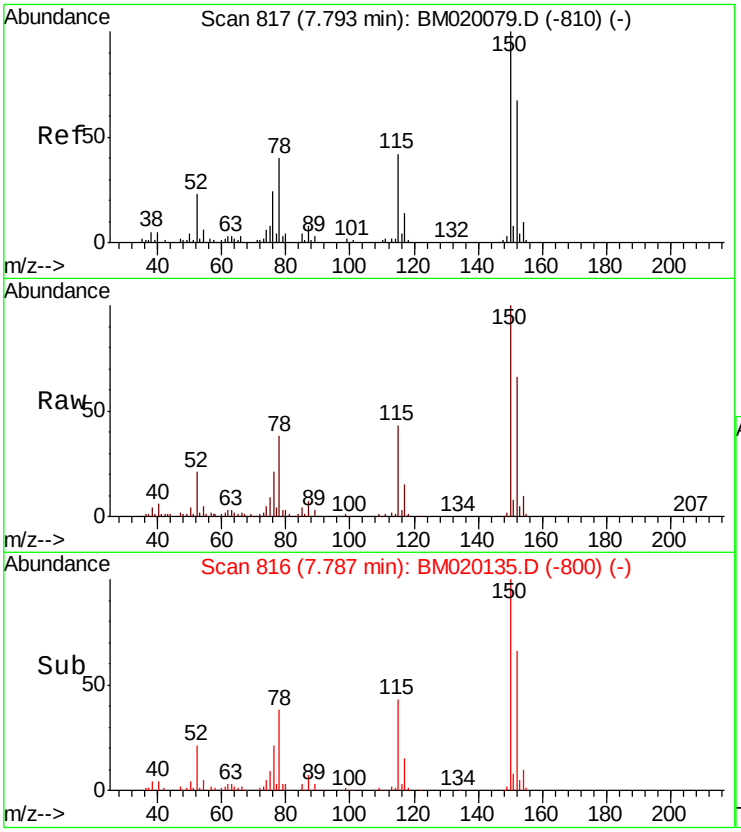
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020135.D
Acq On : 06 May 2019 14:48
Operator : JU/SJ
Sample : K2647-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Quant Time: May 07 03:30:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration



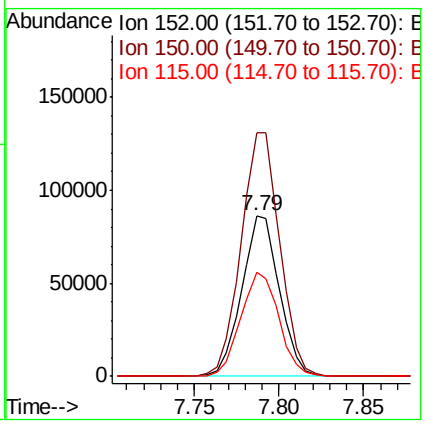


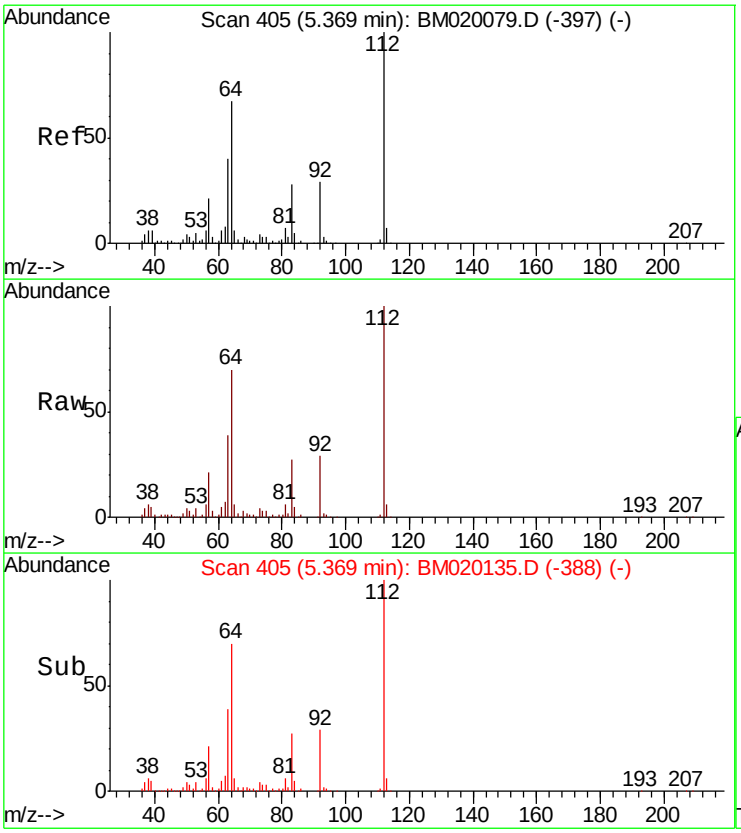
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:152 Resp: 133286

Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.8	179.8
115	65.0	50.8	76.2

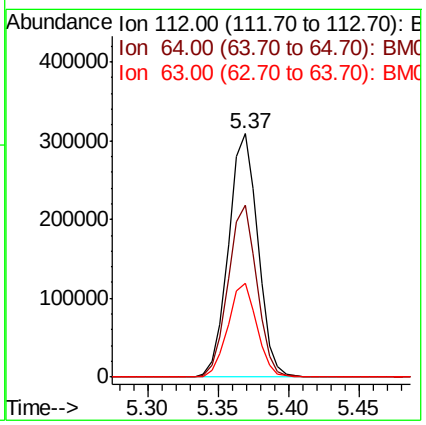


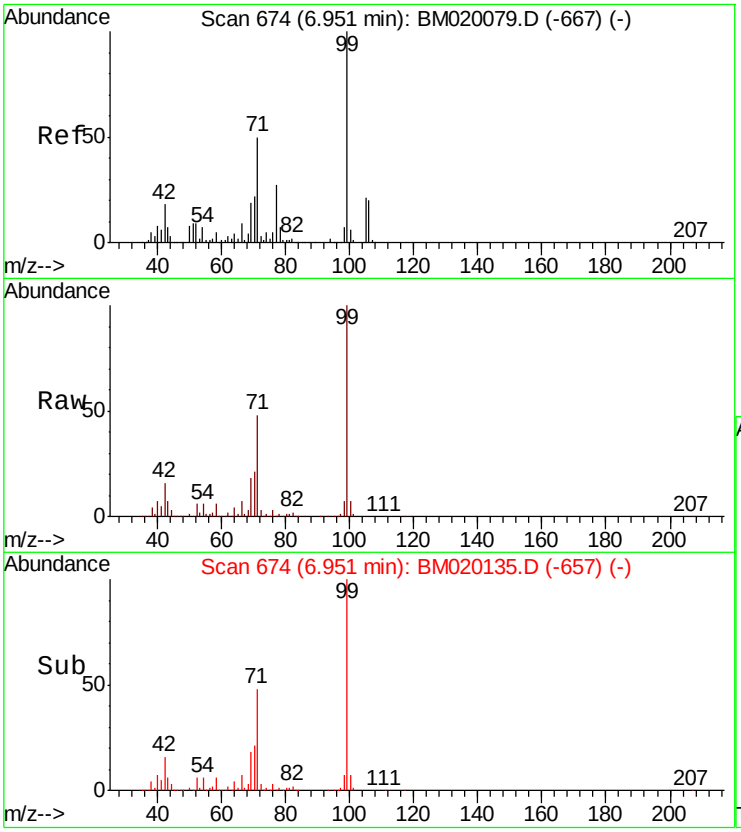


#5
2-Fluorophenol
Concen: 54.782 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:112 Resp: 446694

Ion	Ratio	Lower	Upper
112	100		
64	70.5	53.8	80.6
63	38.7	32.3	48.5



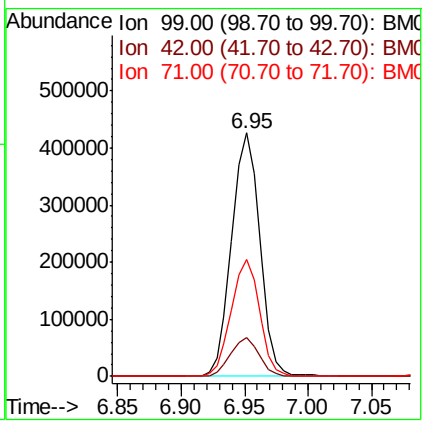


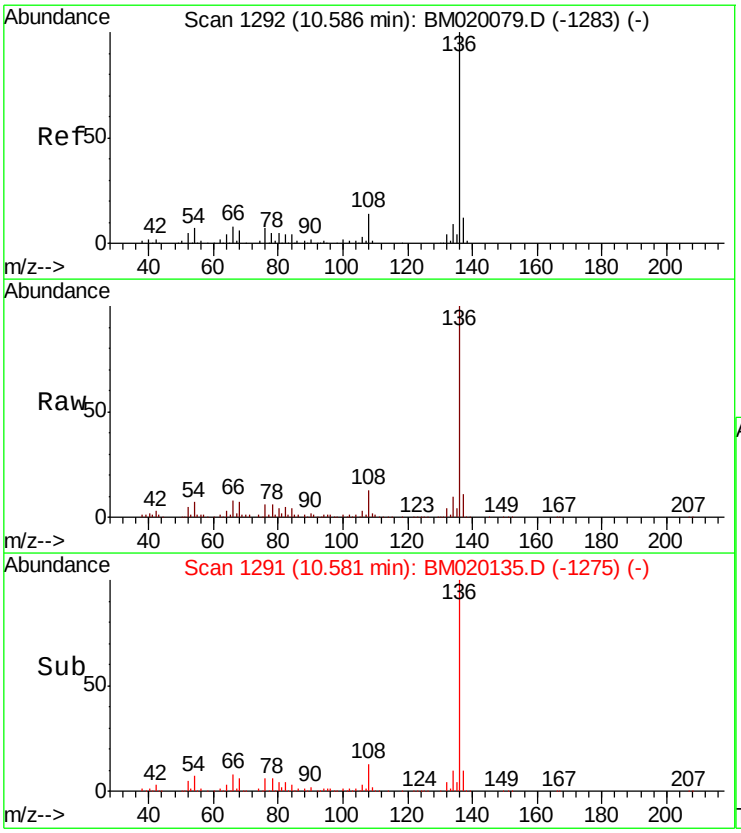
#7
Phenol-d6
Concen: 59.026 ng
RT: 6.95 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion: 99 Resp: 657526

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.2	21.2
71	48.1	40.3	60.5

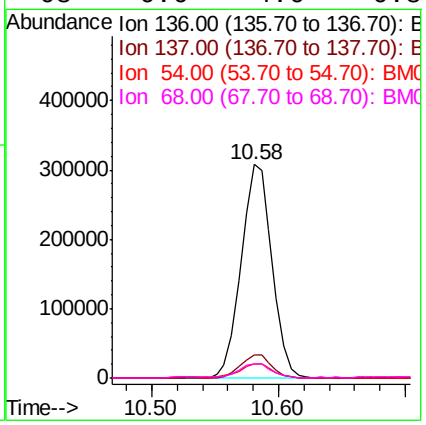


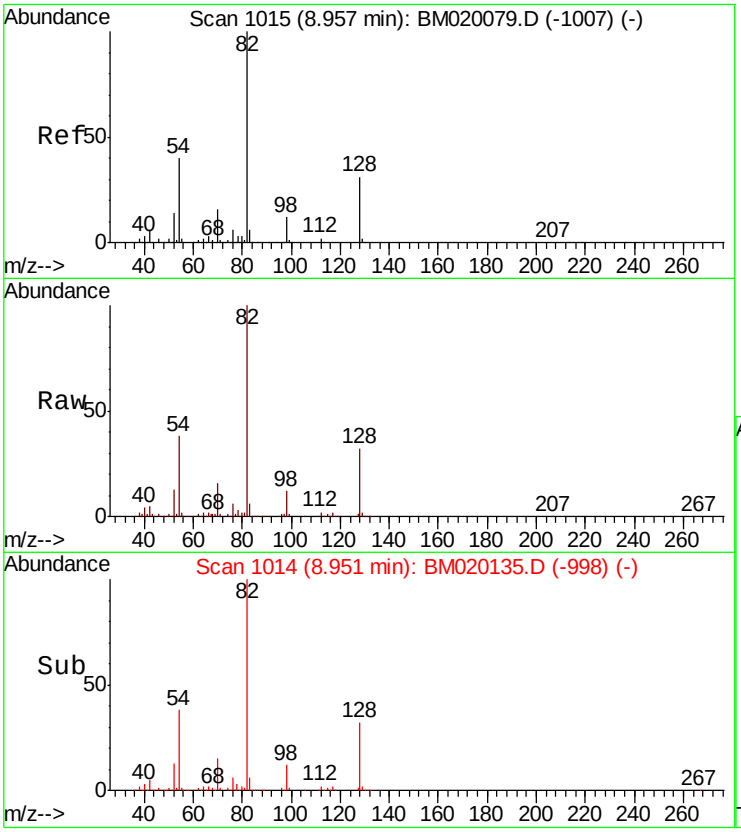


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:136 Resp: 517810

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	6.9	5.5	8.3
68	6.6	4.6	6.8



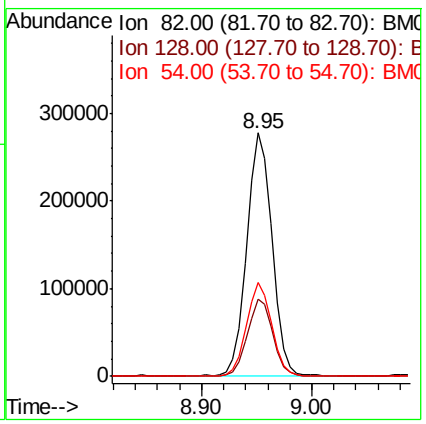


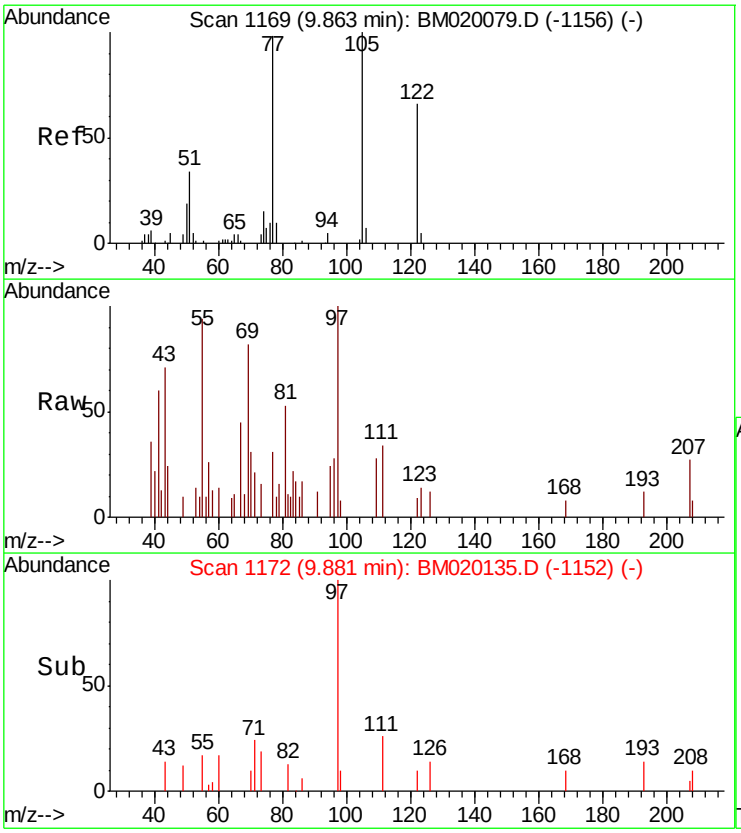
#23
Nitrobenzene-d5
Concen: 34.073 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion: 82 Resp: 446898

Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.2	37.8
54	38.3	31.9	47.9

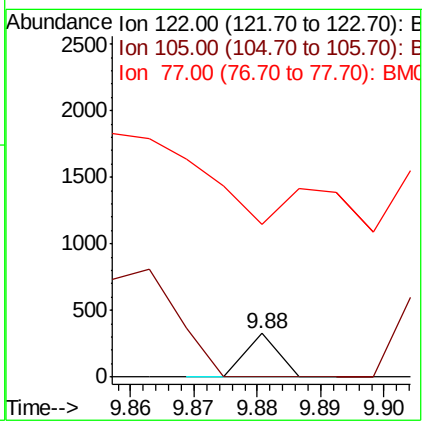


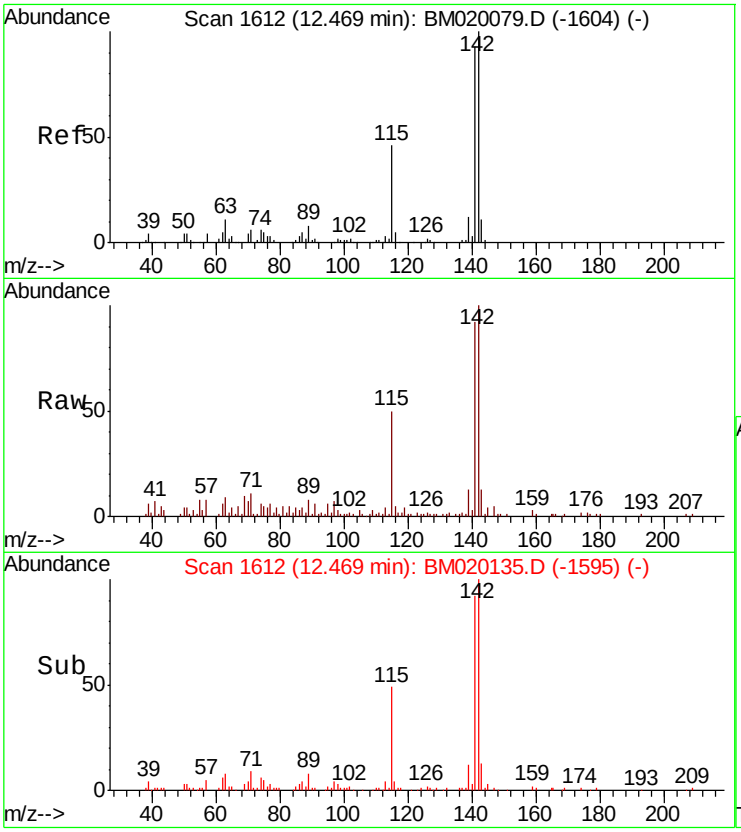


#32
Benzoic acid
Concen: 6.631 ng
RT: 9.88 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	0.0	122.5	162.5#
77	351.4	123.3	163.3#



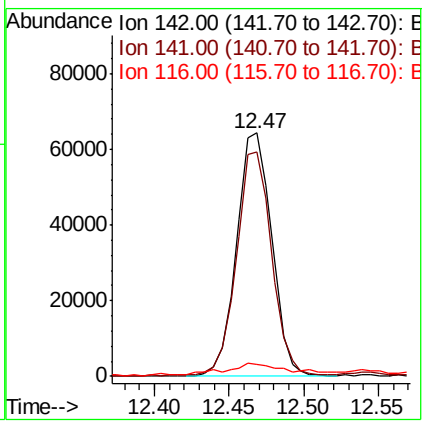


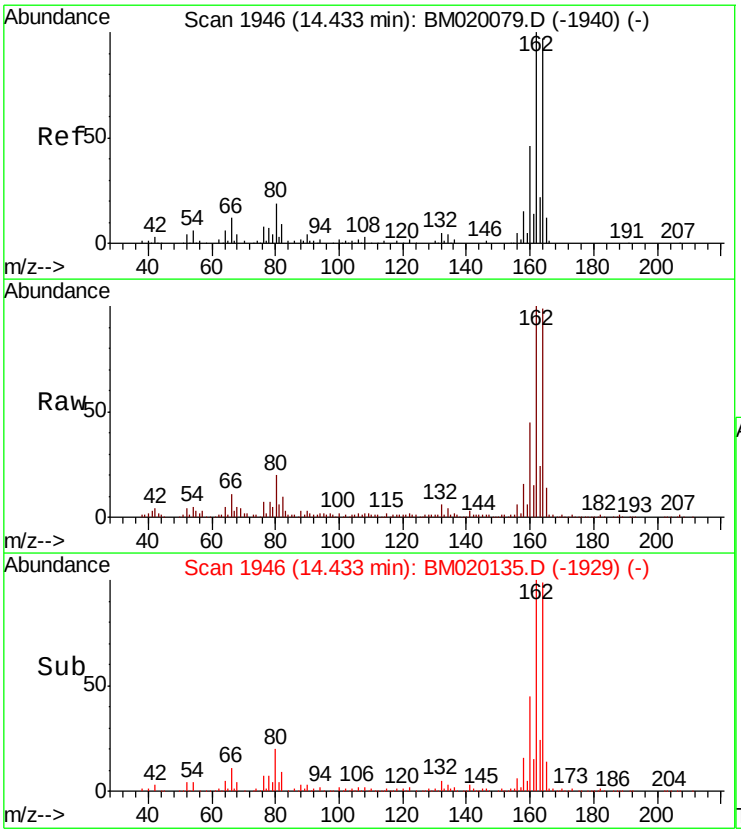
#38
1-Methylnaphthalene
Concen: 5.484 ng
RT: 12.47 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:142 Resp: 105058

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.8	112.2
116	4.8	3.9	5.9

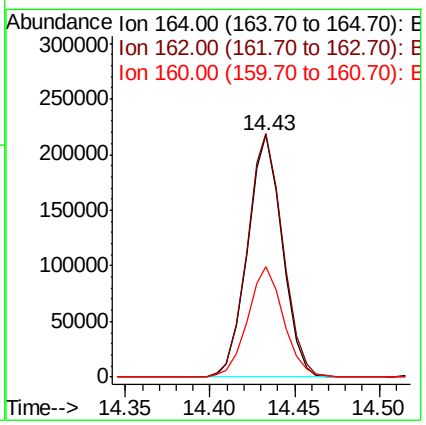


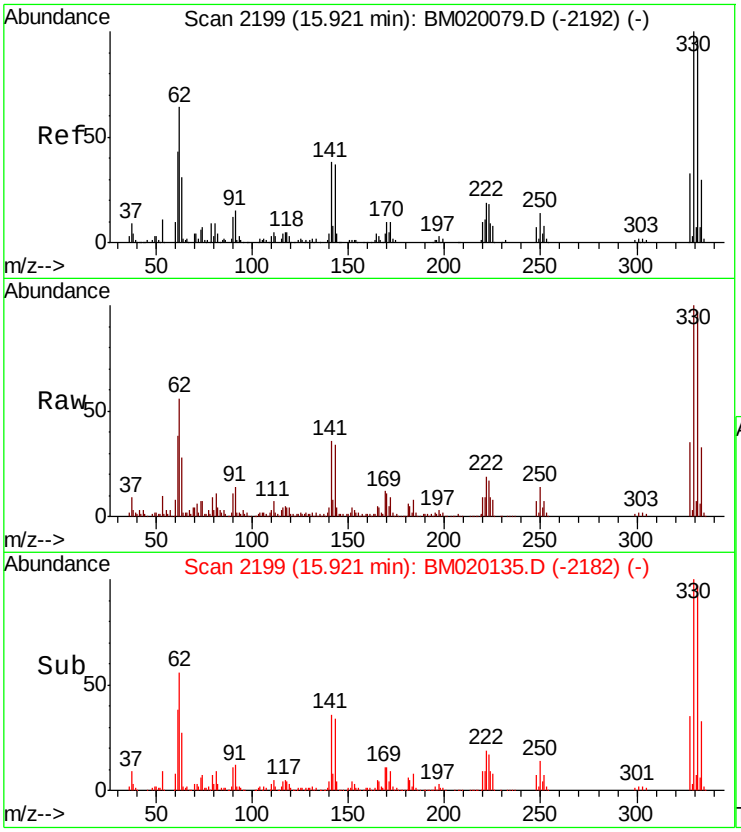


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:164 Resp: 309020

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	45.5	37.6	56.4



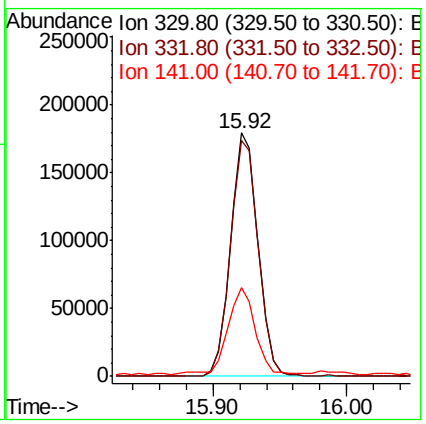


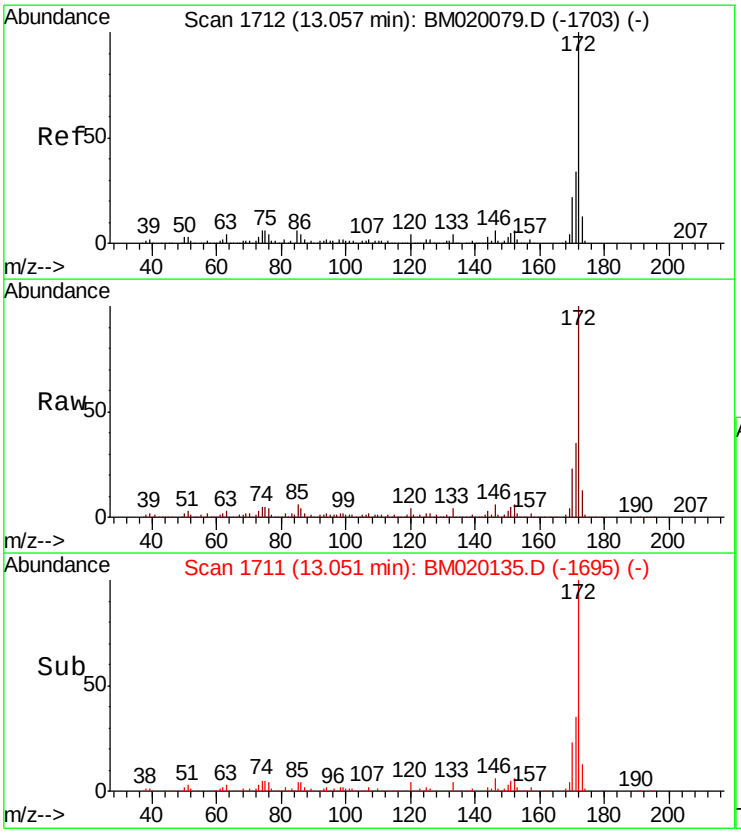
#42
2,4,6-Tribromophenol
Concen: 53.449 ng
RT: 15.92 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:330 Resp: 256371

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.8	115.2
141	35.4	29.2	43.8

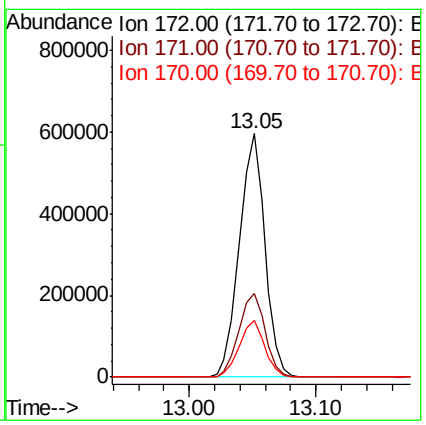


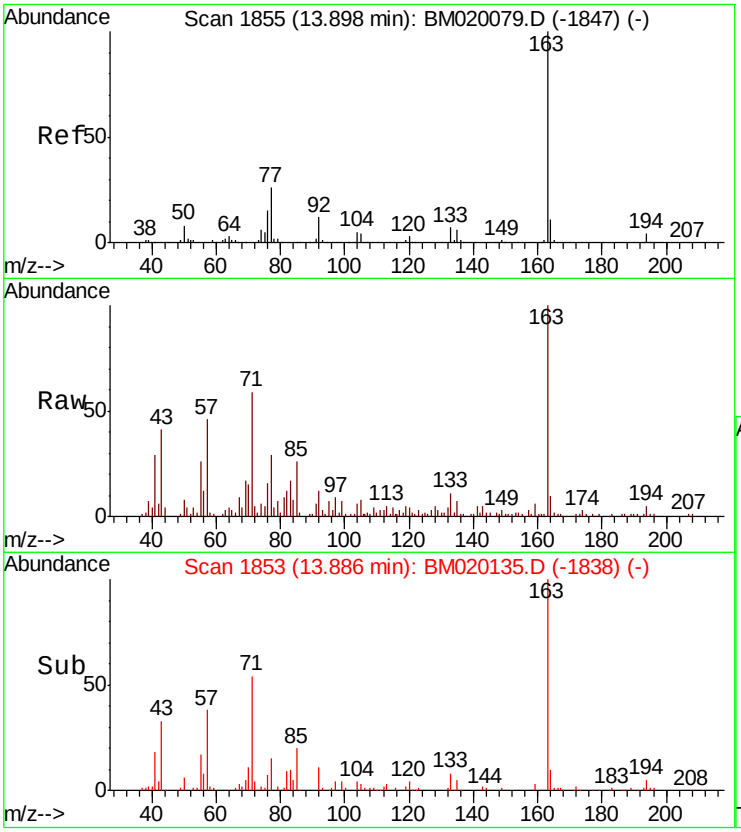


#45
2-Fluorobiphenyl
Concen: 33.111 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:172 Resp: 831611

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	23.1	17.9	26.9



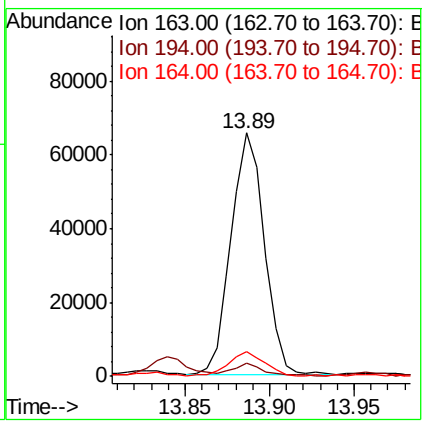


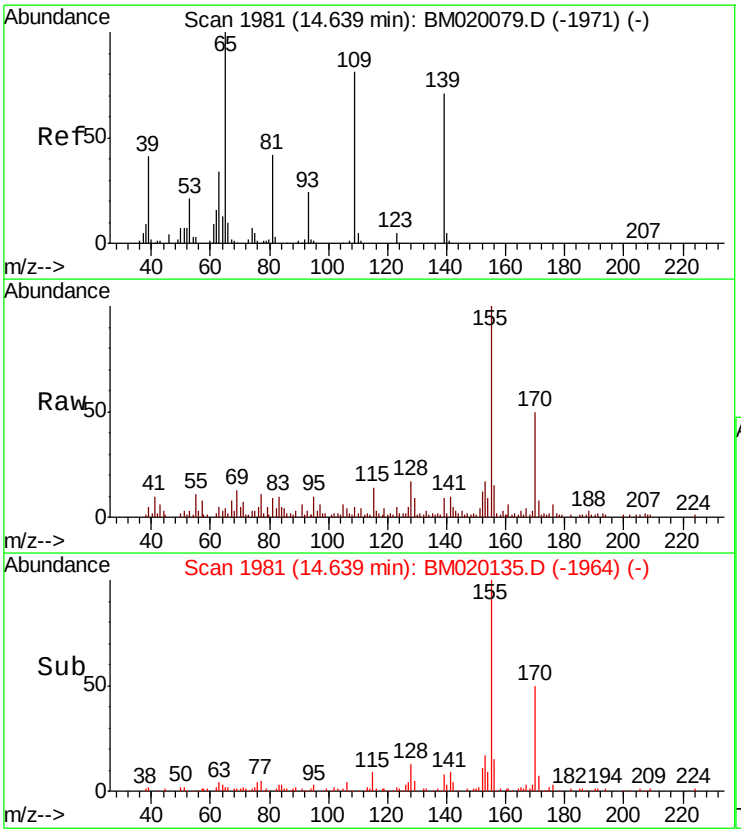
#50
Dimethylphthalate
Concen: 3.425 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:163 Resp: 89947

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.6	5.4
164	10.4	8.4	12.6

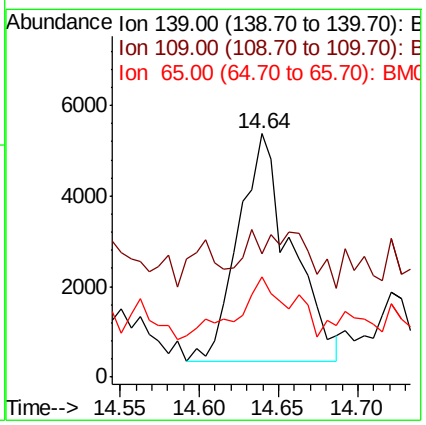


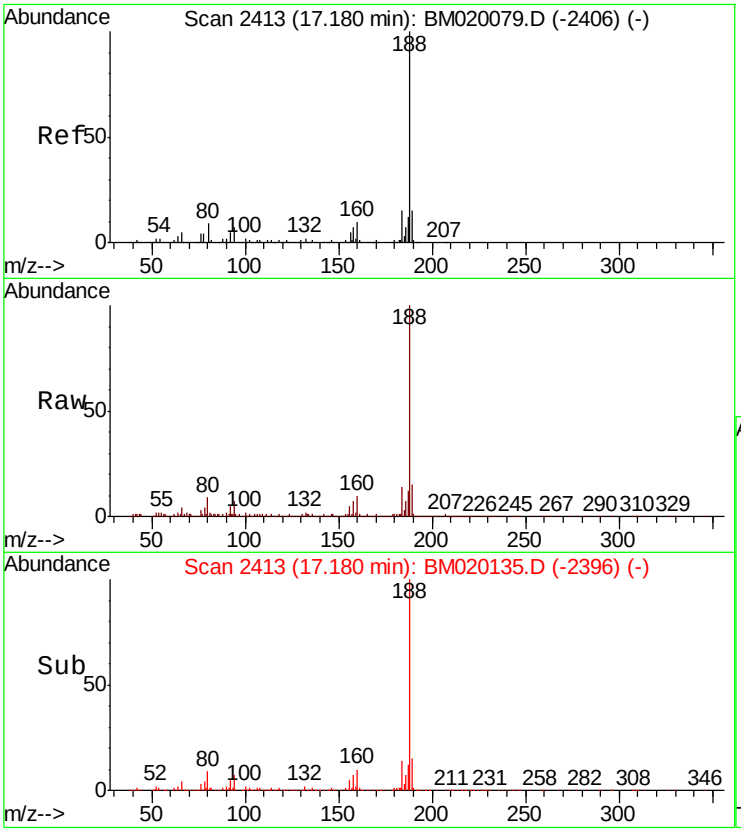


#56
4-Nitrophenol
Concen: 2.641 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:139 Resp: 11569

Ion	Ratio	Lower	Upper
139	100		
109	50.6	94.1	134.1#
65	41.3	120.9	160.9#



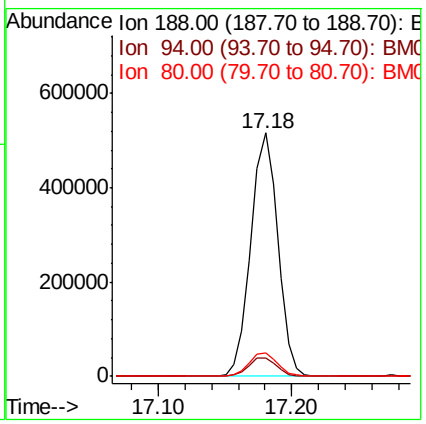


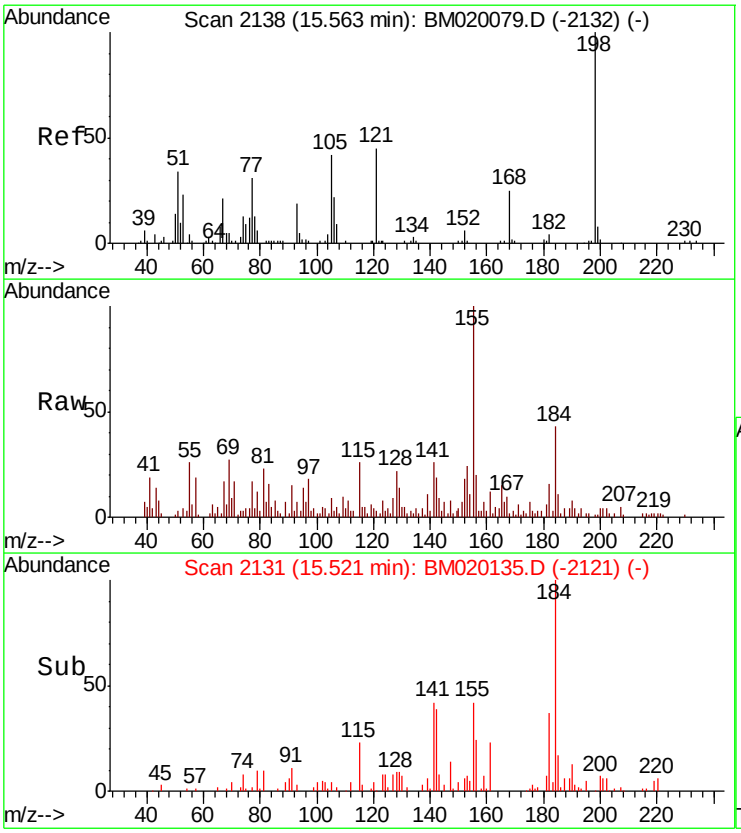
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:188 Resp: 719121

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	9.5	7.4	11.2

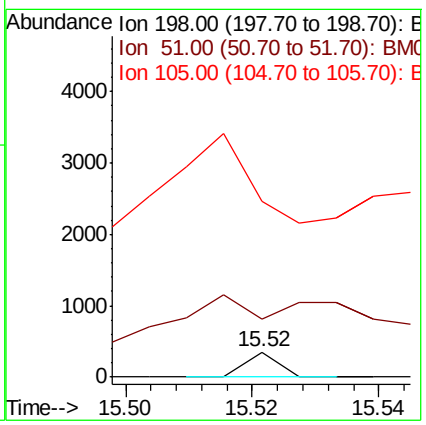


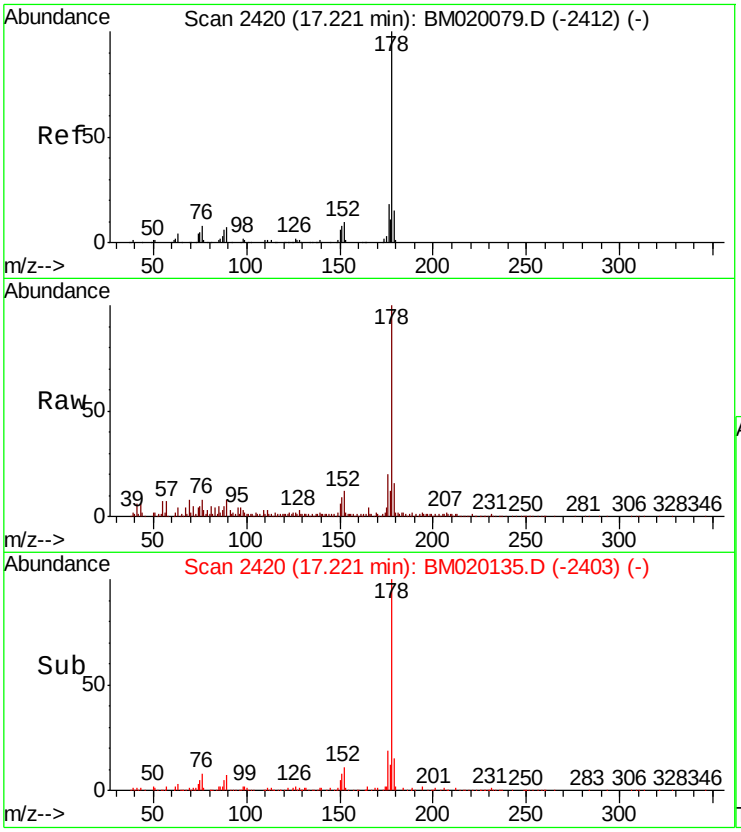


#65
4,6-Dinitro-2-methylphenol
Concen: 7.191 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.04 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:198 Resp: 124

Ion	Ratio	Lower	Upper
198	100		
51	233.5	16.5	56.5#
105	700.0	22.8	62.8#



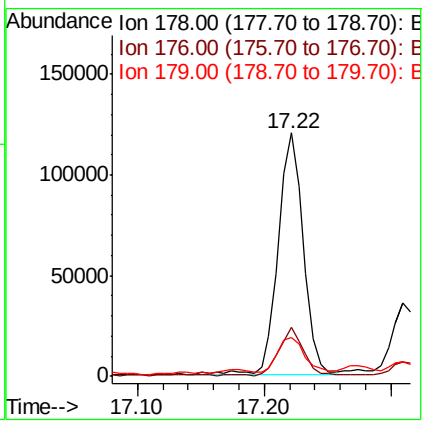


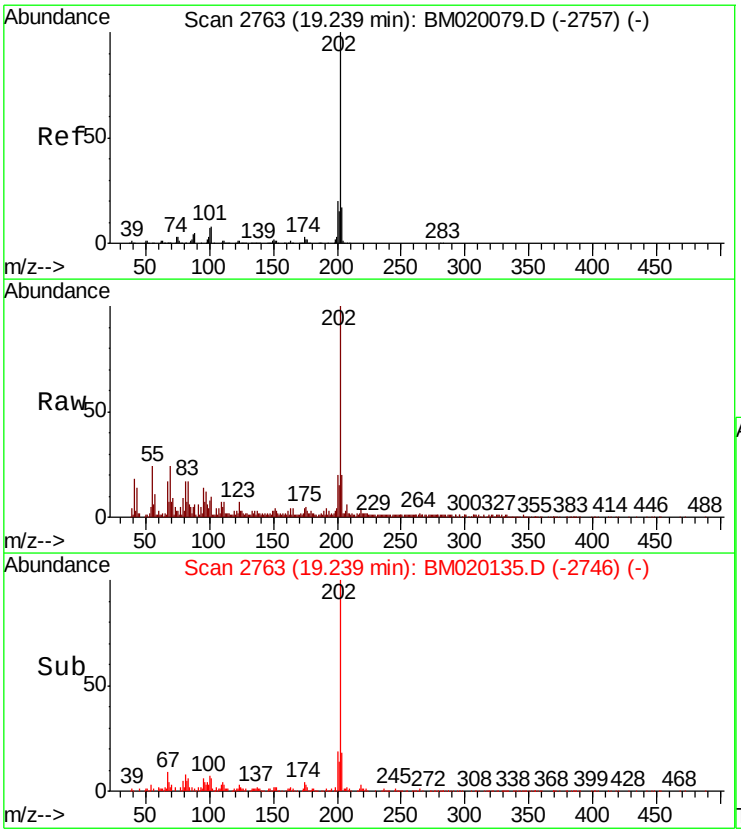
#71
Phenanthrene
Concen: 4.125 ng
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:178 Resp: 163743

Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.6	21.8
179	16.1	12.4	18.6

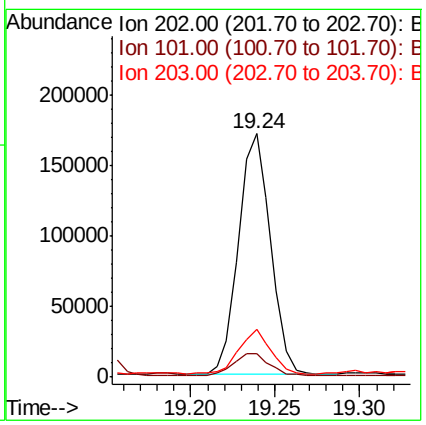


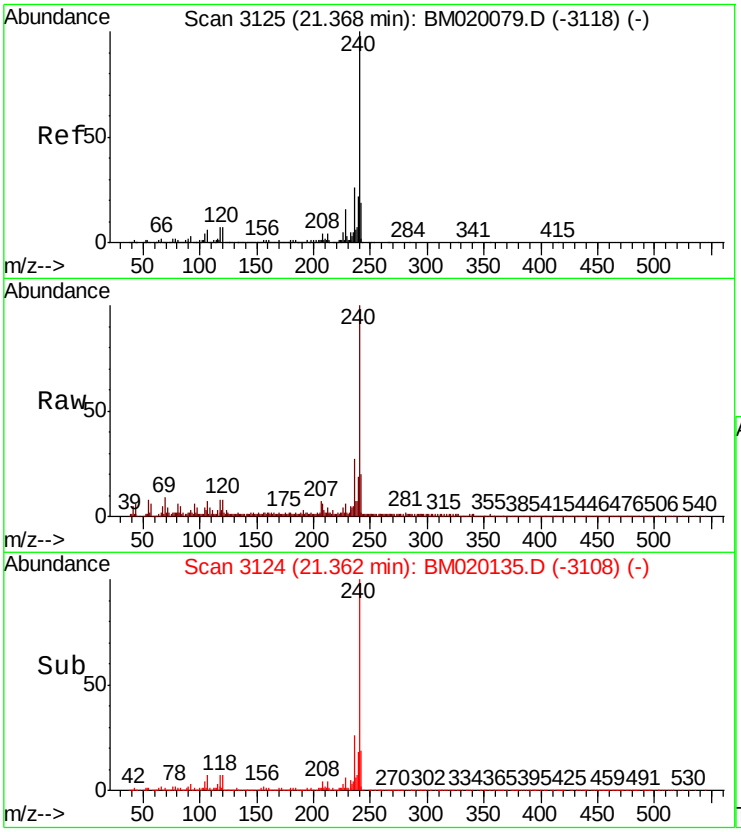


#75
Fluoranthene
Concen: 4.515 ng
RT: 19.24 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:202 Resp: 226766

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.4
203	19.8	0.0	37.4



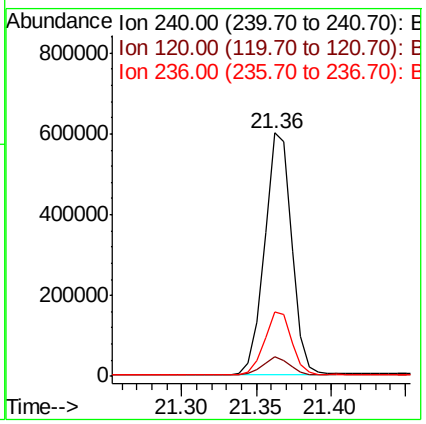


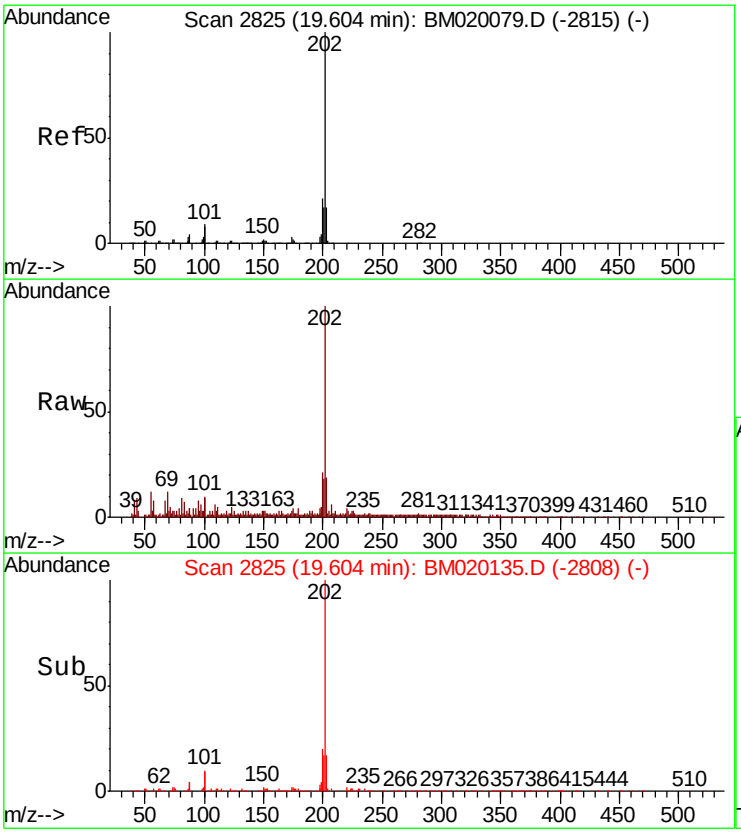
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:240 Resp: 750323

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.6	8.4
236	26.7	20.9	31.3

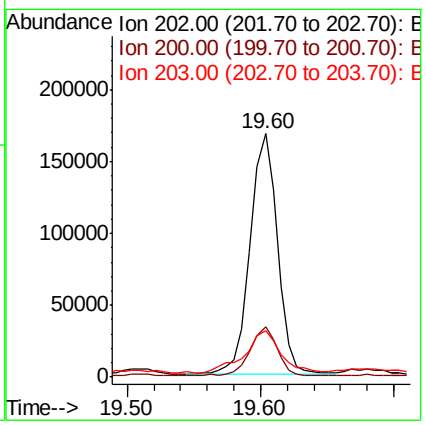


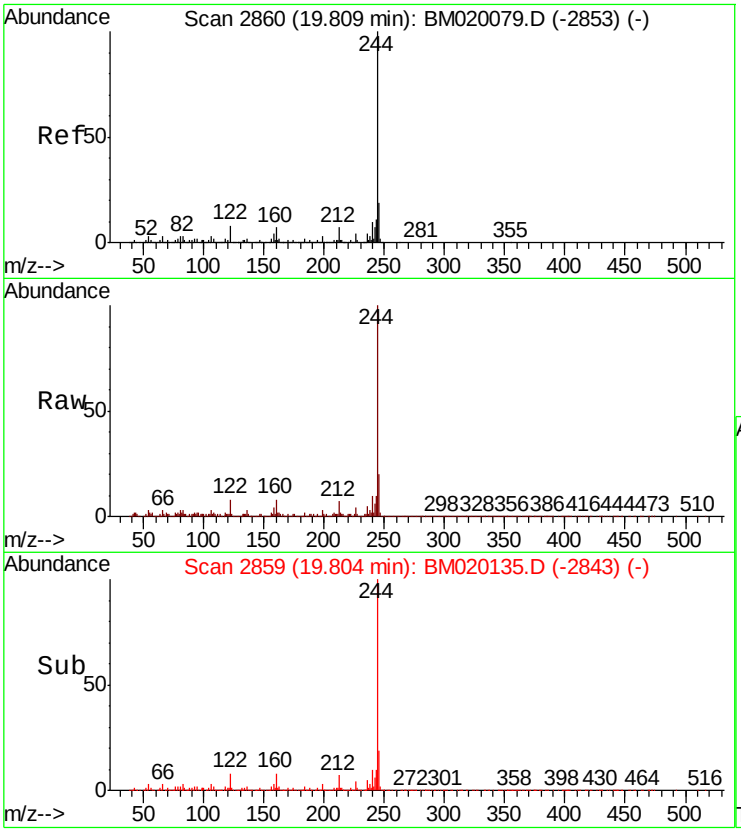


#78
Pyrene
Concen: 4.699 ng
RT: 19.60 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:202 Resp: 236731

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	18.9	13.9	20.9



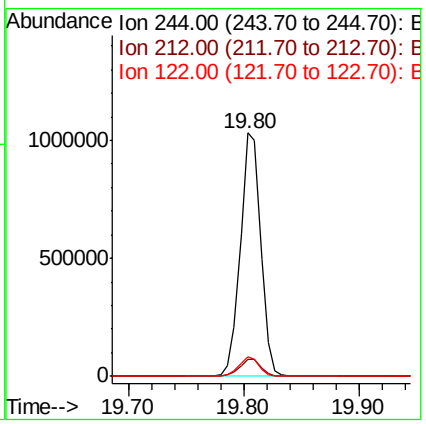


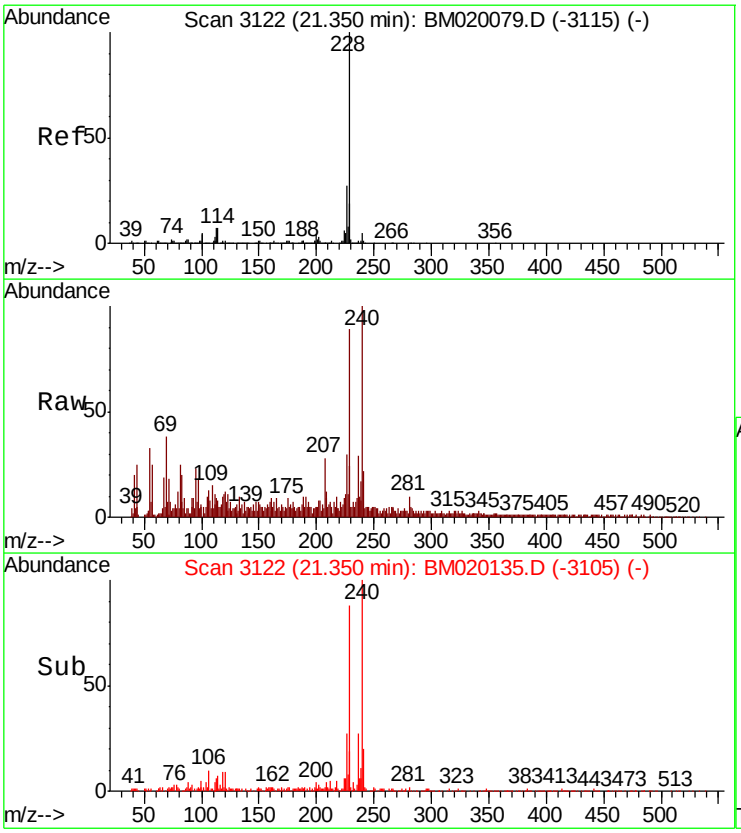
#79
Terphenyl-d14
Concen: 29.231 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:244 Resp: 1257467

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	7.9	6.2	9.2

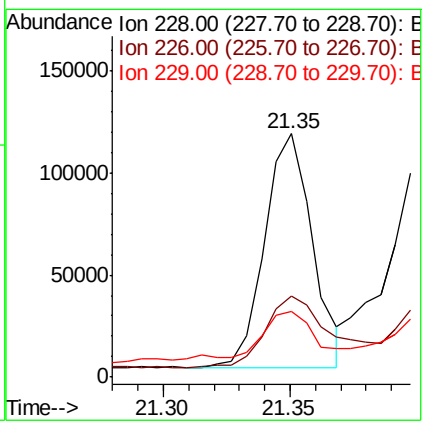


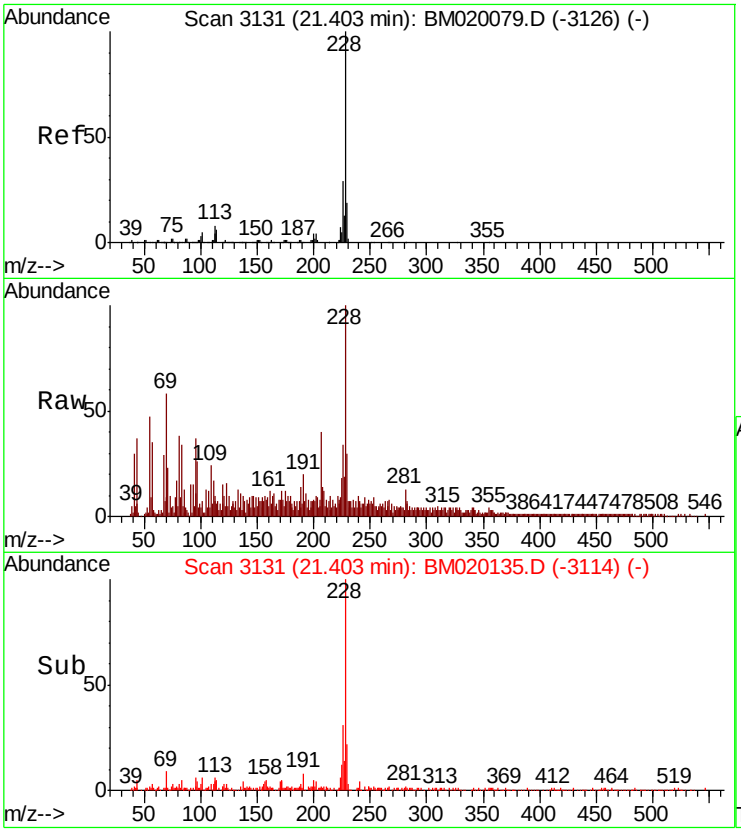


#81
Benzo(a)anthracene
Concen: 2.840 ng
RT: 21.35 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:228 Resp: 149428

Ion	Ratio	Lower	Upper
228	100		
226	33.5	21.3	31.9#
229	27.1	15.5	23.3#



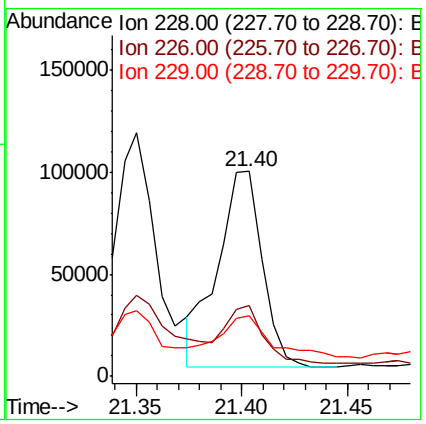


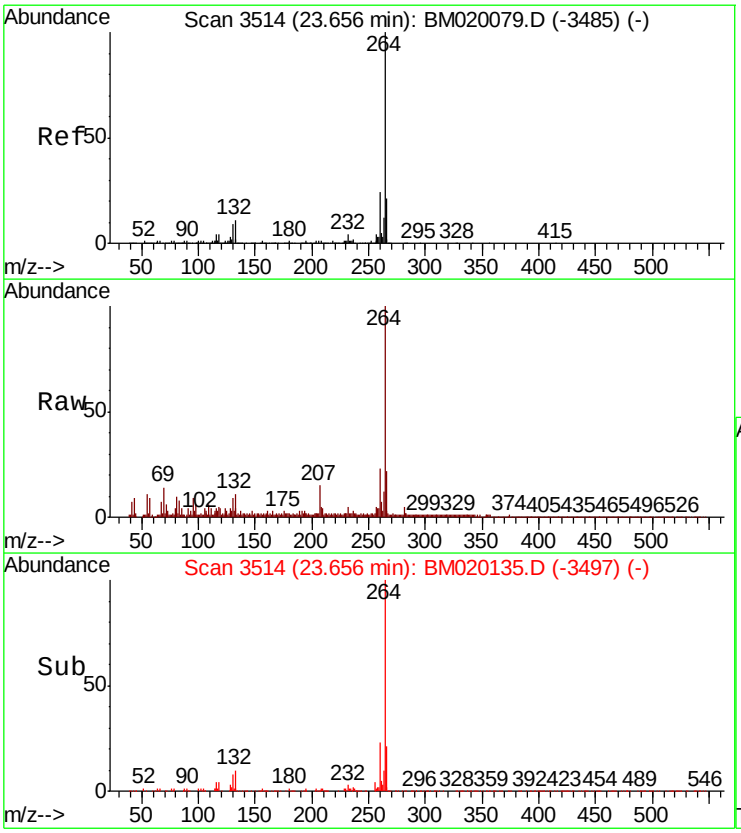
#83
Chrysene
Concen: 2.745 ng
RT: 21.40 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:228 Resp: 140081

Ion	Ratio	Lower	Upper
228	100		
226	34.4	23.0	34.6
229	29.7	15.5	23.3#

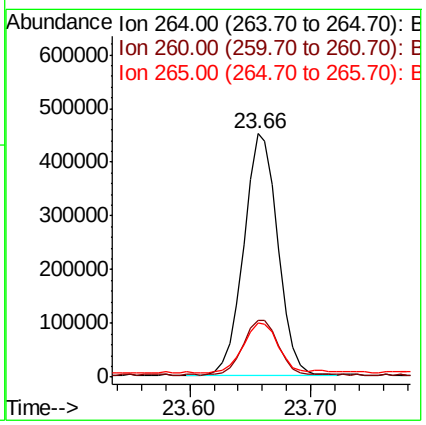


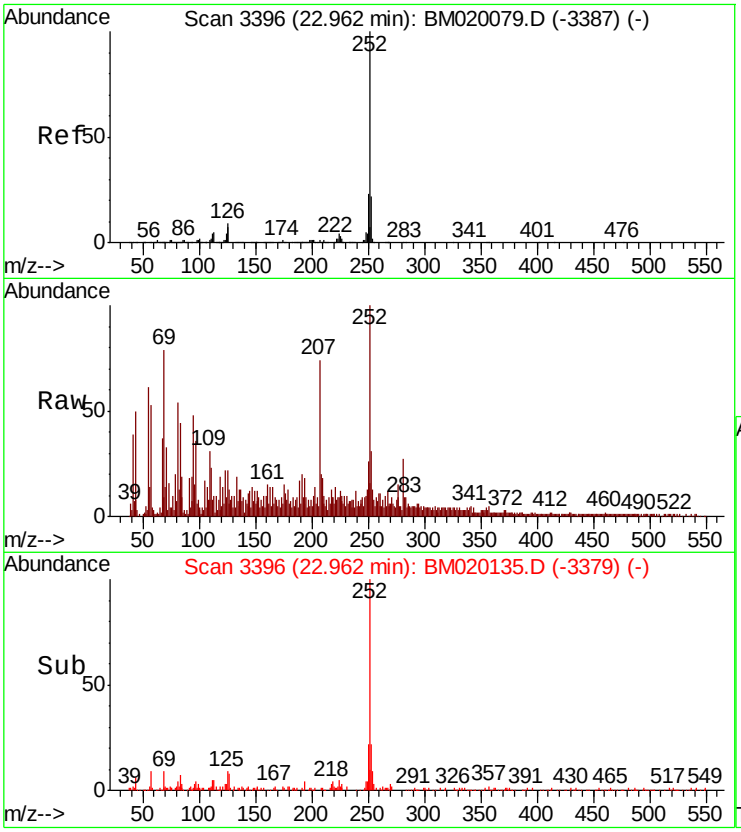


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:264 Resp: 880864

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.3	16.9	25.3



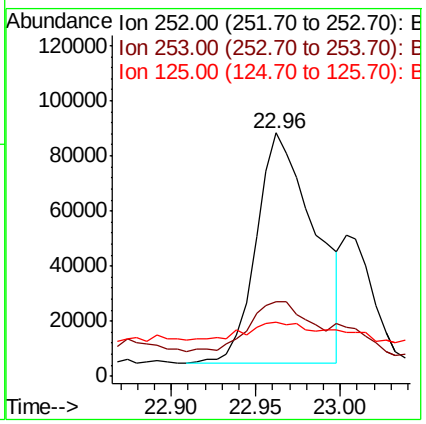


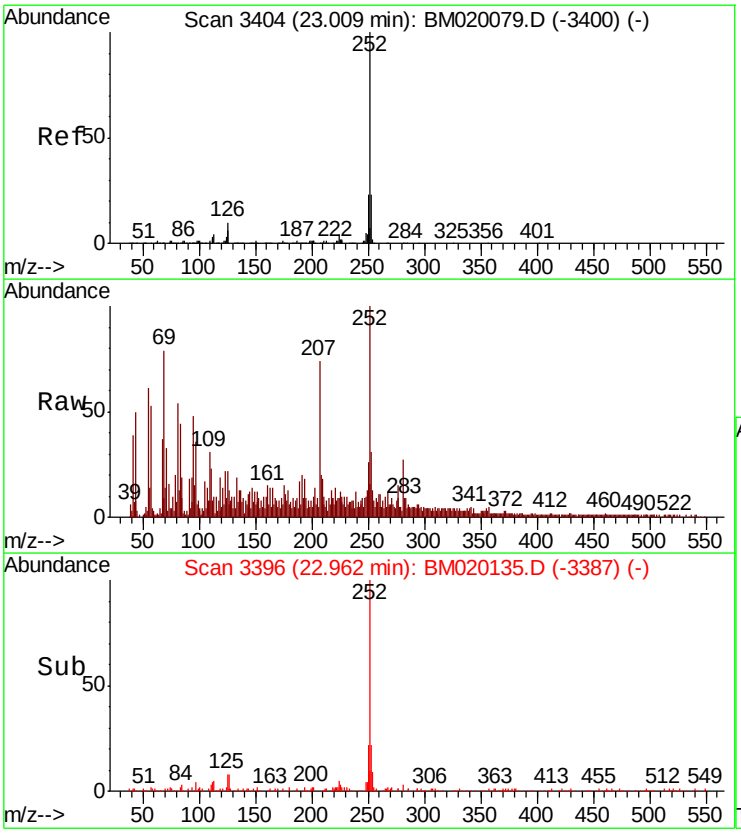
#88
Benzo(b)fluoranthene
Concen: 3.458 ng
RT: 22.96 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:252 Resp: 201159

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.5	26.3#
125	22.2	5.4	8.2#

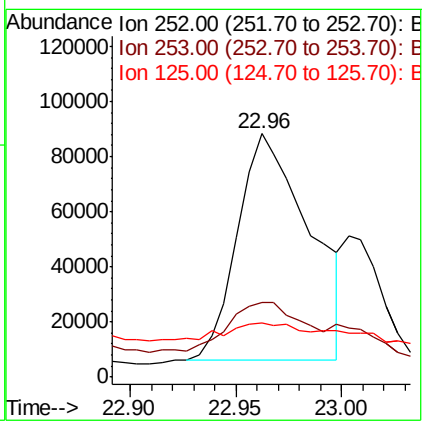


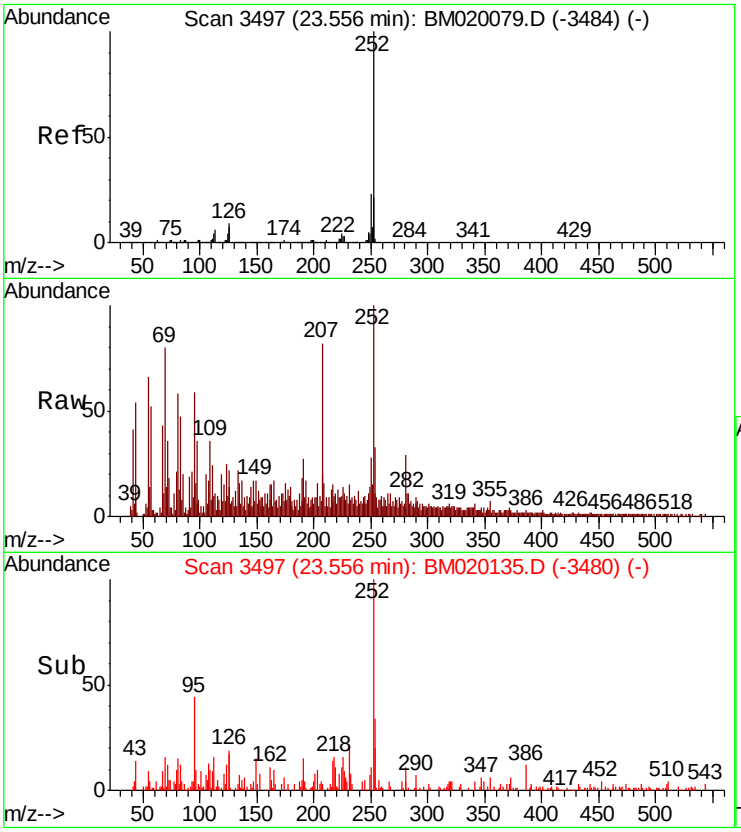


#89
Benzo(k)fluoranthene
Concen: 3.664 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Tgt Ion:252 Resp: 194428

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.8	26.8#
125	22.2	5.4	8.0#





#90
Benzo(a)pyrene
Concen: 2.657 ng
RT: 23.56 min Scan# 3497
Delta R.T. 0.00 min
Lab File: BM020135.D
Acq: 06 May 2019 14:48

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-A

Tgt Ion:252 Resp: 140393

Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.0	25.6#
125	21.9	5.5	8.3#