Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020137.D
Acq On : 06 May 2019 16:00
Operator : JU/SJ
Sample : K2647-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 07 03:31:09 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	139232	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	546783	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	333235	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	795185	20.00	ng		0.00
76) Chrysene-d12	21.37	240	807417	20.00	ng		0.00
87) Perylene-d12	23.67	264	958918	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	167875	19.71	ng		0.00
7) Phenol-d6	6.95	99	239797	20.61	ng		0.00
23) Nitrobenzene-d5	8.96	82	156312	11.29	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	95871	18.53	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	321355	11.87	ng		0.00
79) Terphenyl-d14	19.81	244	493280	10.66	ng		0.00
Target Compounds							Qvalue
75) Fluoranthene	19.24	202	134429	2.420	ng		93
78) Pyrene	19.60	202	125195	2.309	ng		97
88) Benzo(b)fluoranthene	22.97	252	164397	2.596	ng	#	76
89) Benzo(k)fluoranthene	22.97	252	165181	2.860	ng	#	77

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

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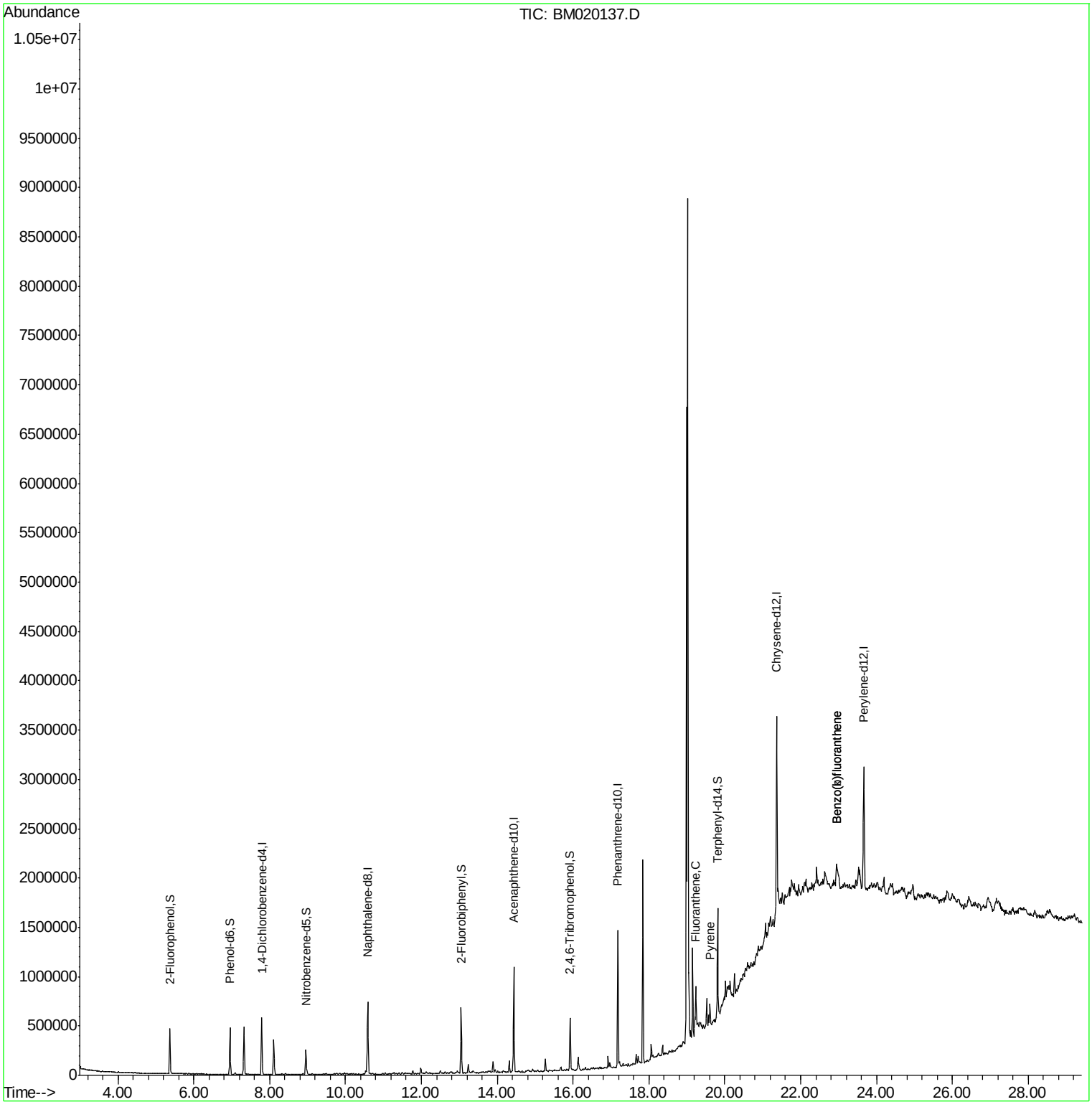
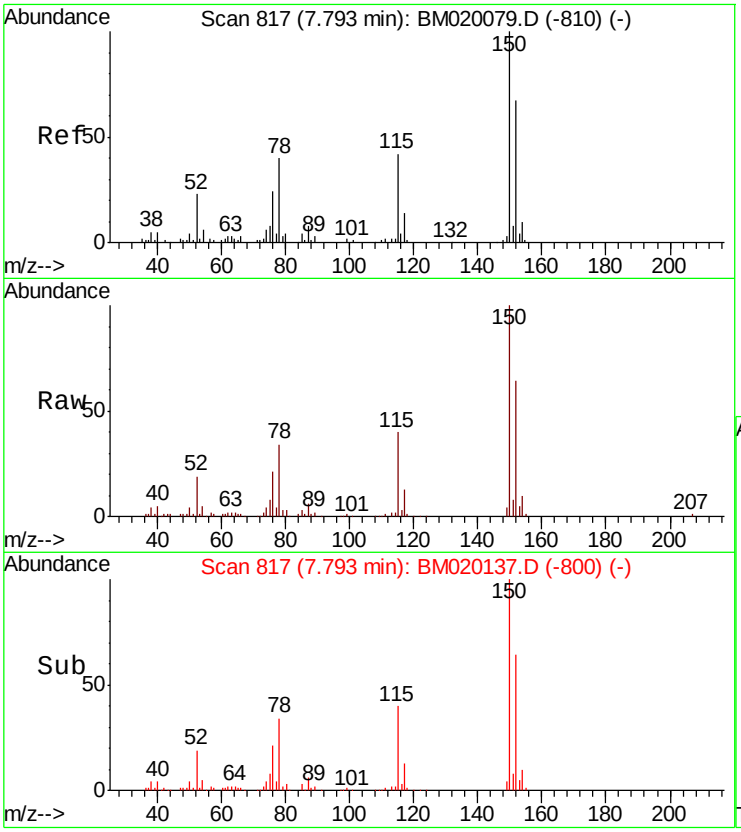


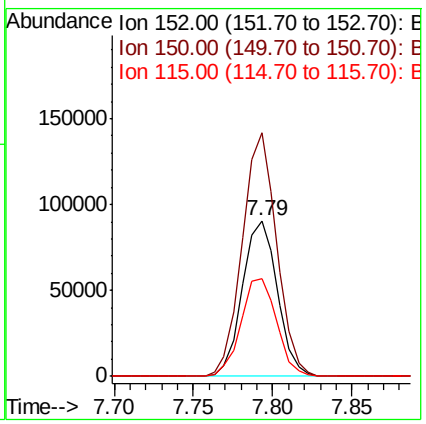


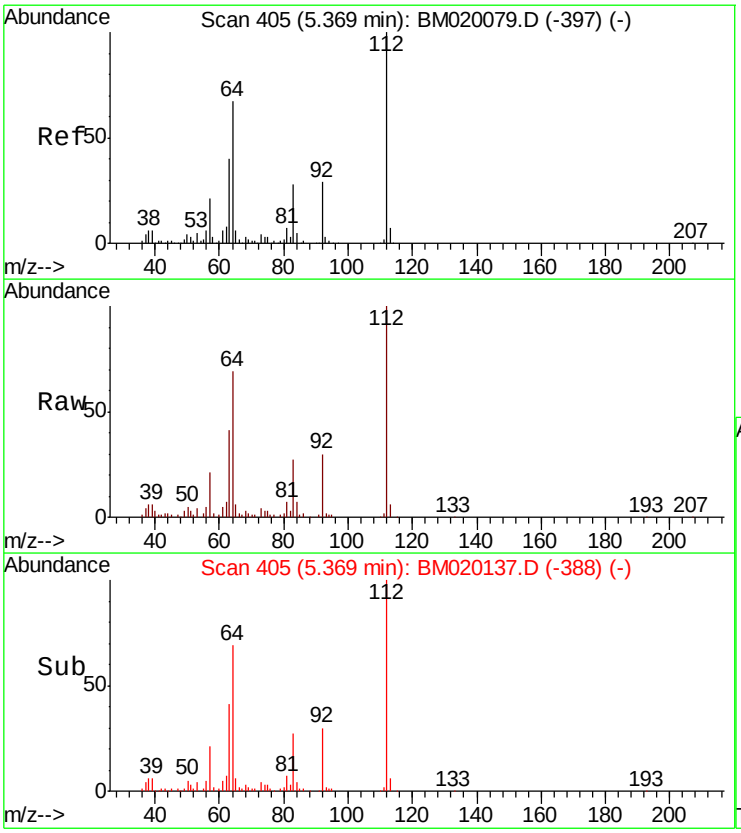
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

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

Tgt Ion:152 Resp: 139232

Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.8	179.8
115	62.7	50.8	76.2

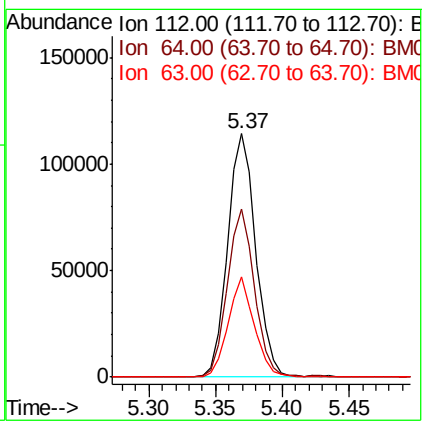


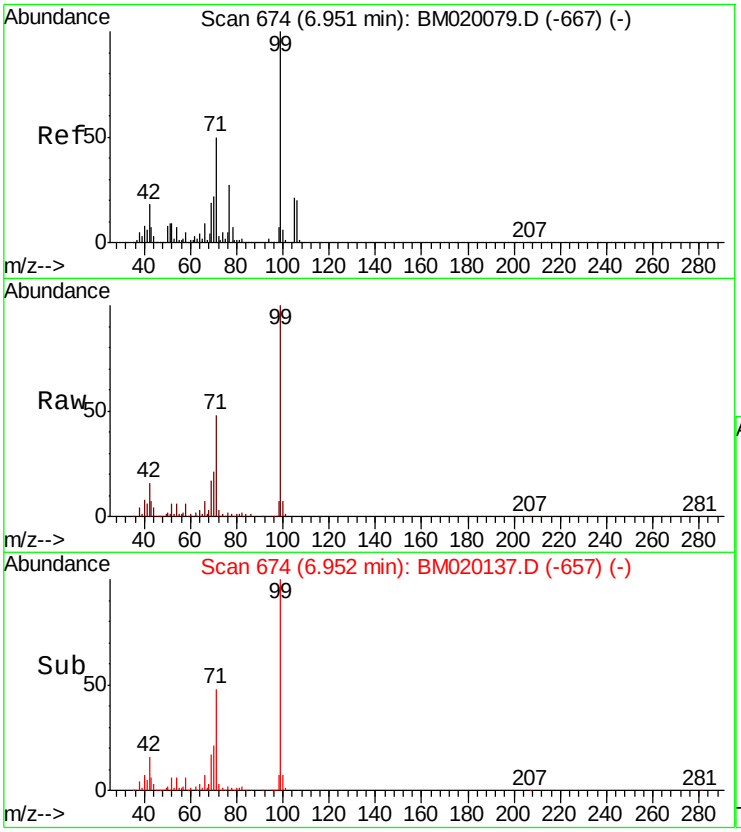


#5
2-Fluorophenol
Concen: 19.709 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Tgt Ion:112 Resp: 167875

Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.8	80.6
63	41.2	32.3	48.5



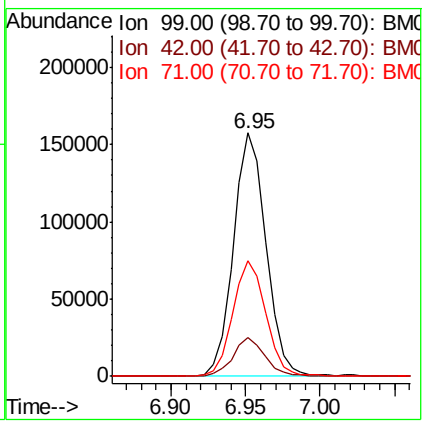


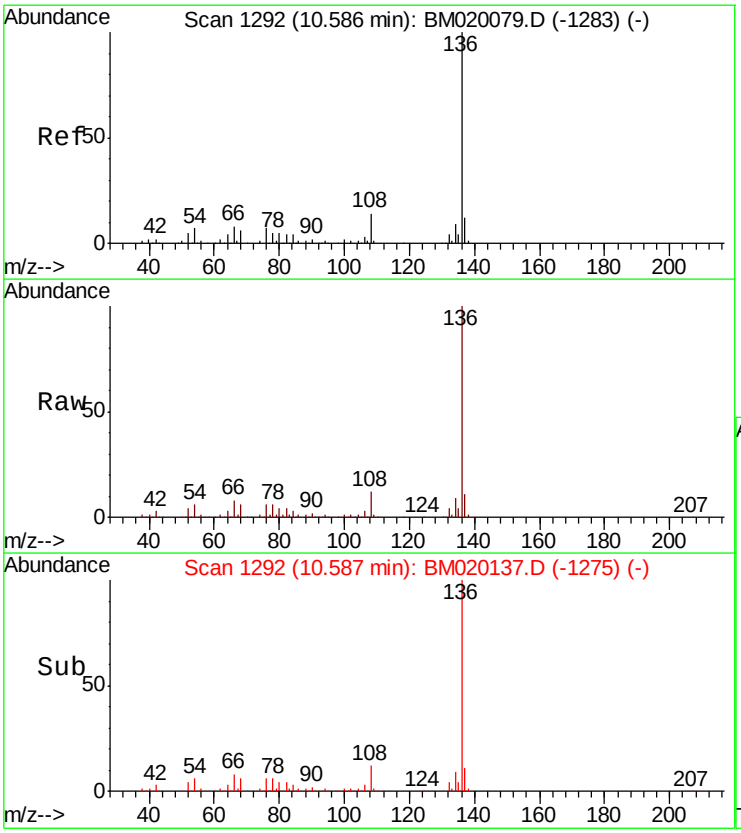
#7
Phenol-d6
Concen: 20.607 ng
RT: 6.95 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

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

Tgt Ion: 99 Resp: 239797

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.2	21.2
71	47.5	40.3	60.5

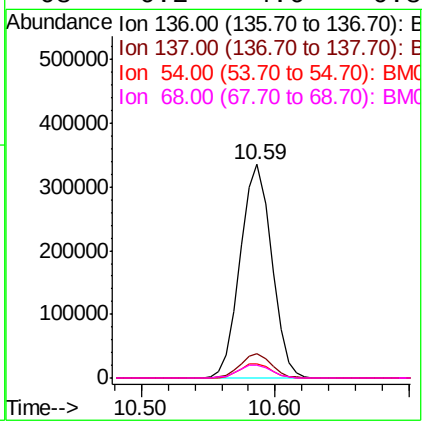


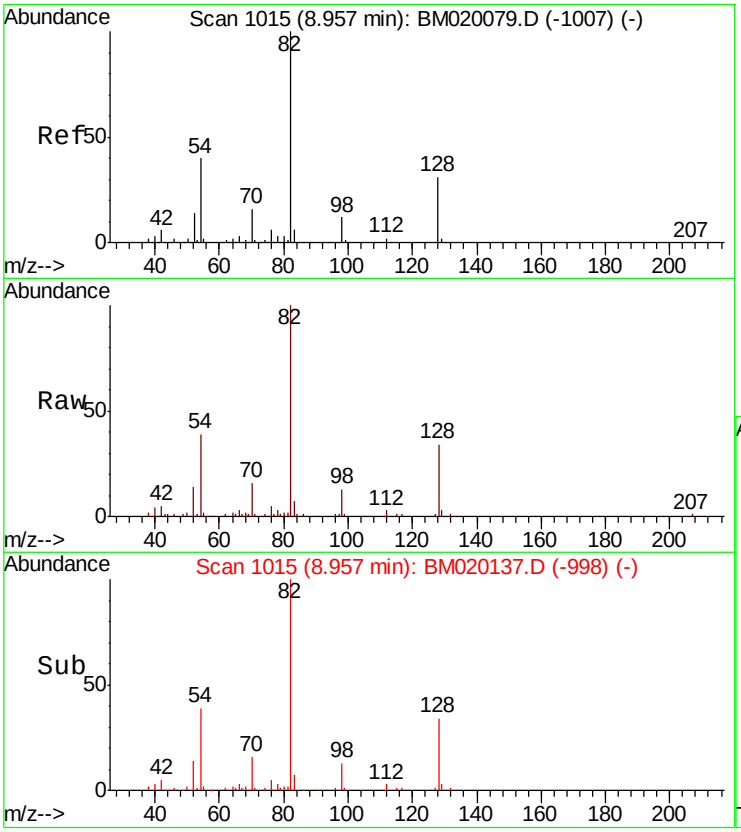


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Tgt Ion:136 Resp: 546783

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	6.5	5.5	8.3
68	6.2	4.6	6.8



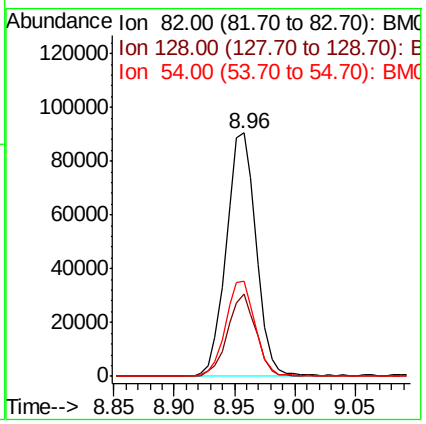


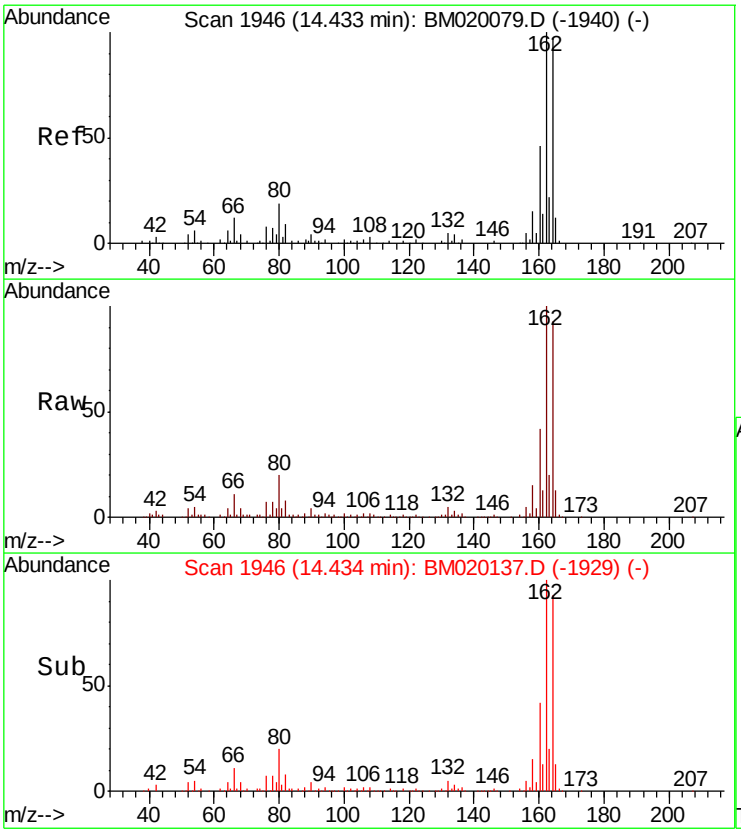
#23
Nitrobenzene-d5
Concen: 11.286 ng
RT: 8.96 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

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

Tgt Ion: 82 Resp: 156312

Ion	Ratio	Lower	Upper
82	100		
128	33.8	25.2	37.8
54	38.9	31.9	47.9

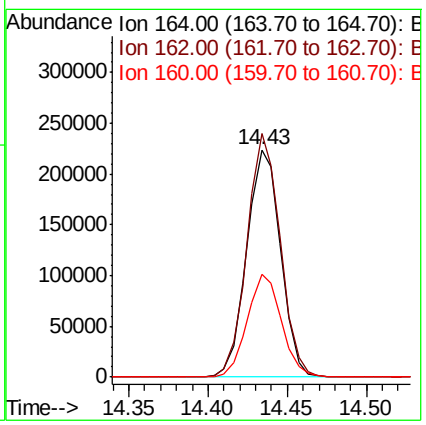


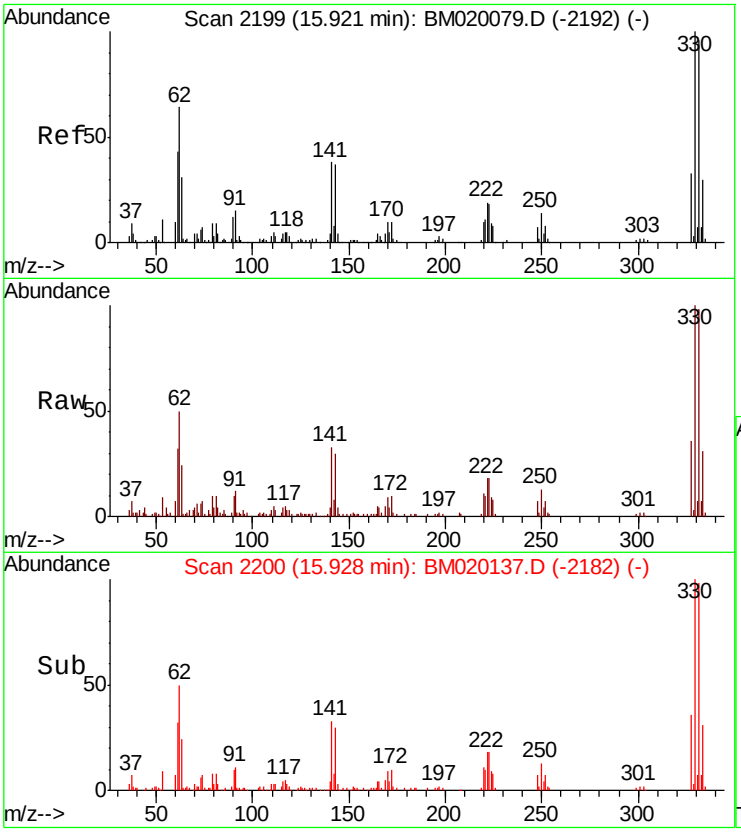


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Tgt Ion:164 Resp: 333235

Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.2	123.2
160	45.5	37.6	56.4



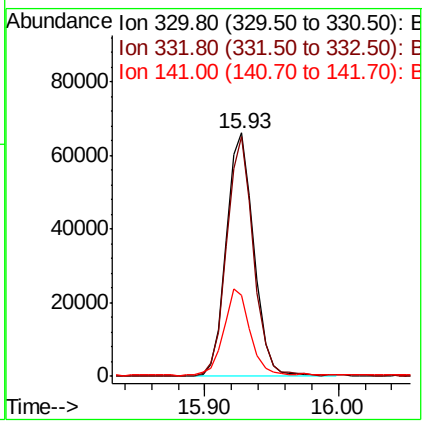


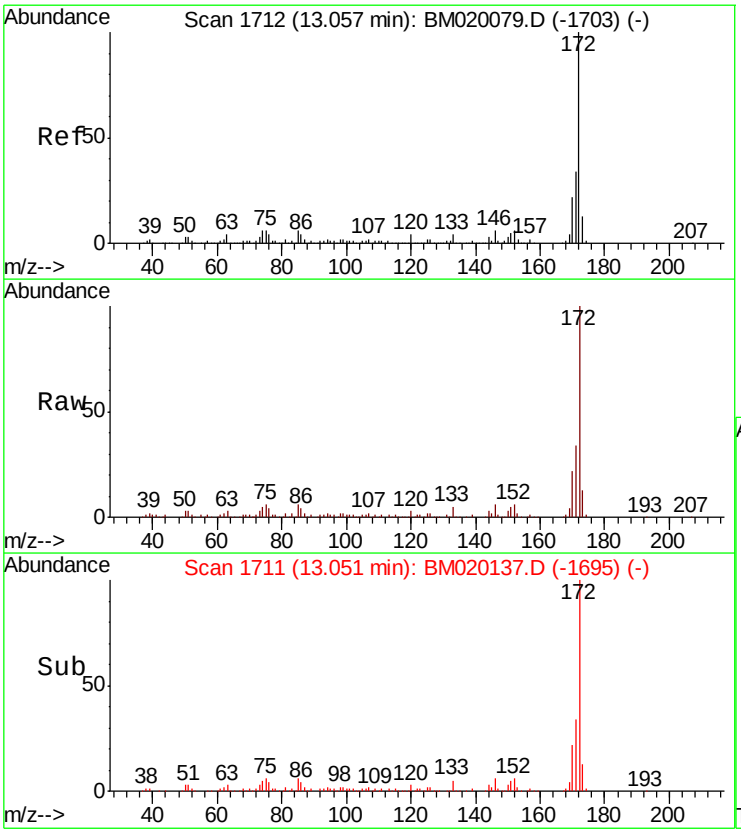
#42
2,4,6-Tribromophenol
Concen: 18.535 ng
RT: 15.93 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

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

Tgt Ion:330 Resp: 95871

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	35.1	29.2	43.8

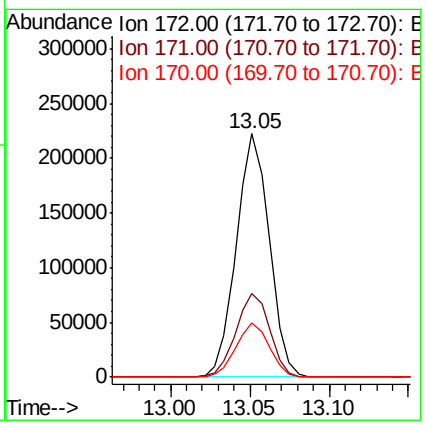


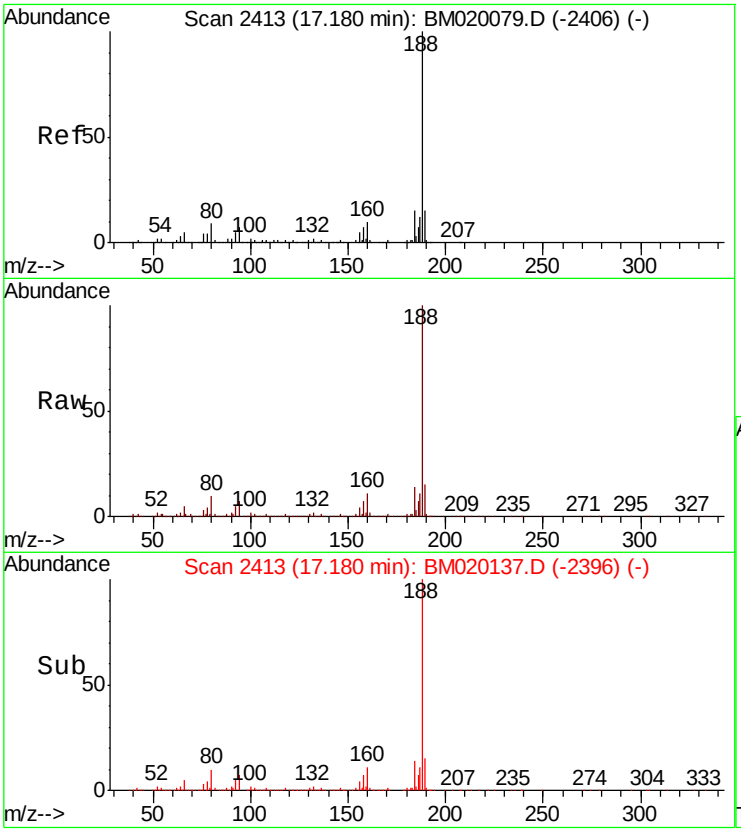


#45
2-Fluorobiphenyl
Concen: 11.865 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Tgt Ion:172 Resp: 321355

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.3	40.9
170	22.3	17.9	26.9



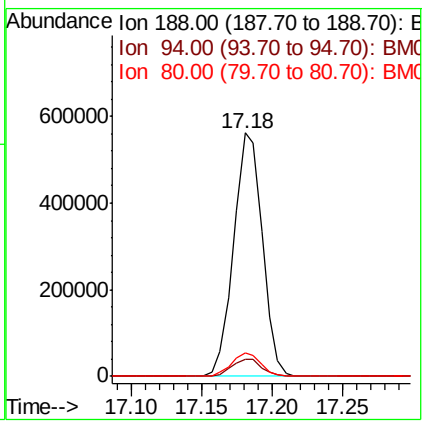


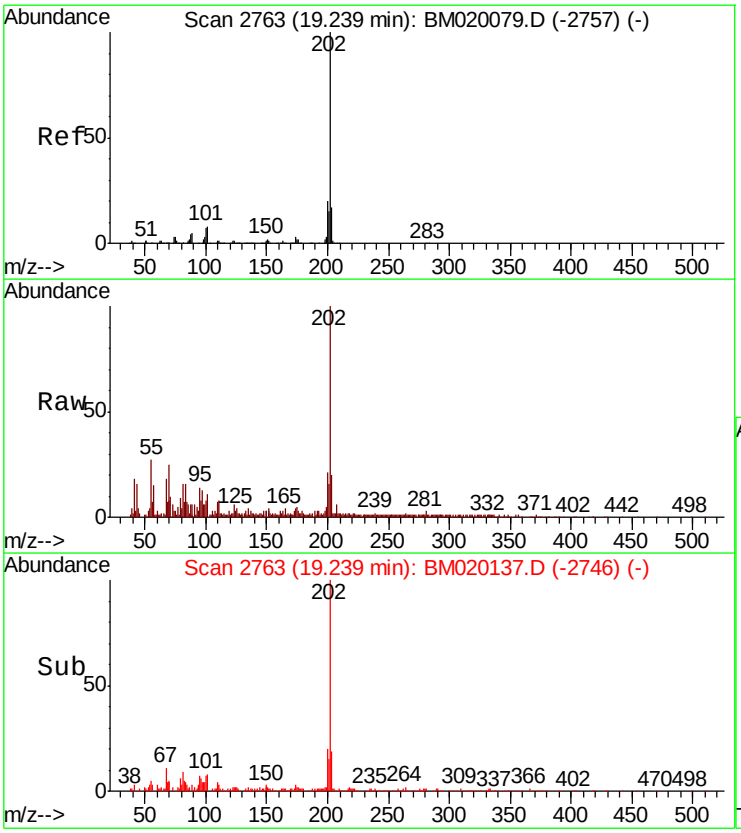
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

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

Tgt Ion:188 Resp: 795185

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	9.6	7.4	11.2

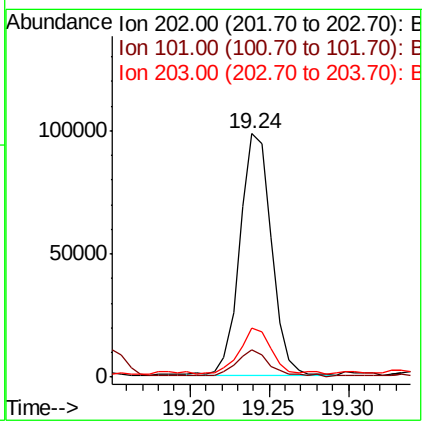


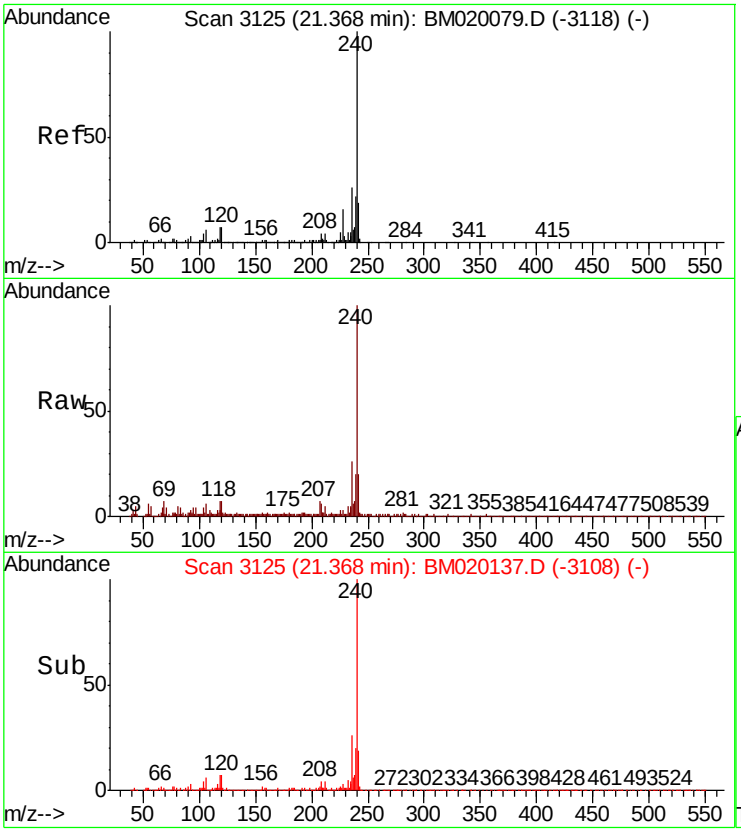


#75
Fluoranthene
Concen: 2.420 ng
RT: 19.24 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Tgt Ion:202 Resp: 134429

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	28.4
203	20.4	0.0	37.4



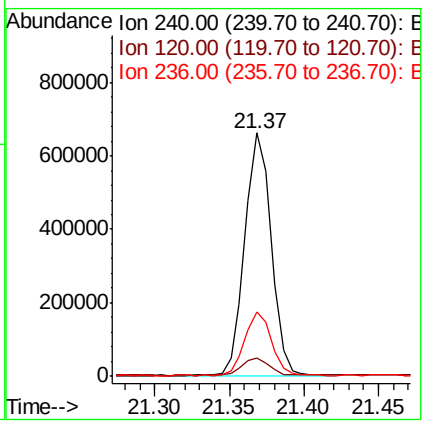


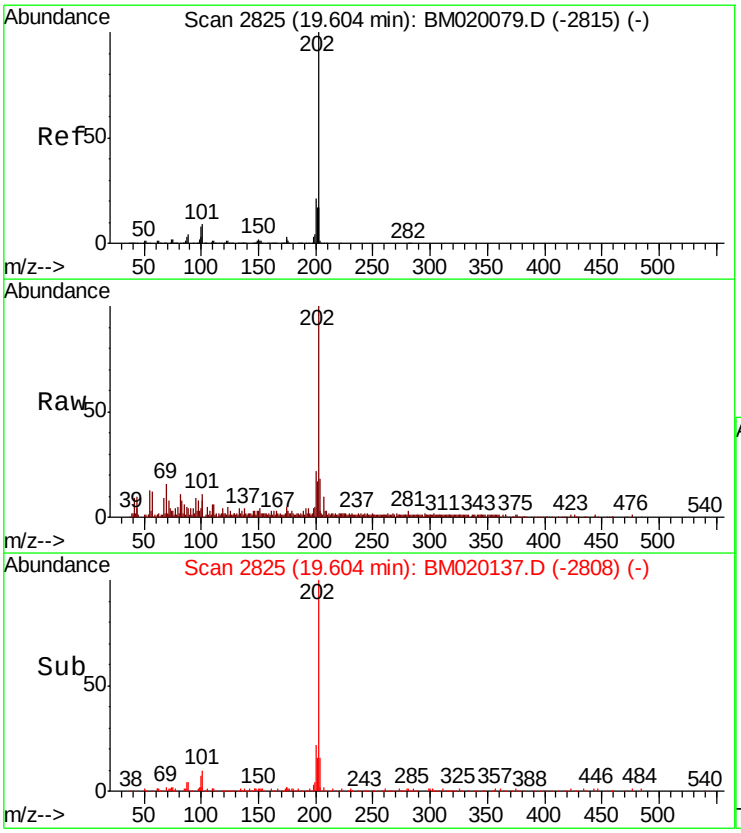
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

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

Tgt Ion:240 Resp: 807417

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.6	8.4
236	26.2	20.9	31.3

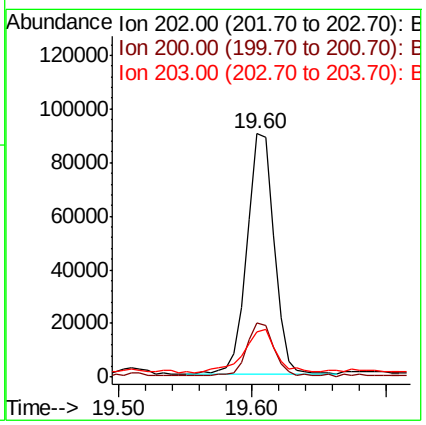


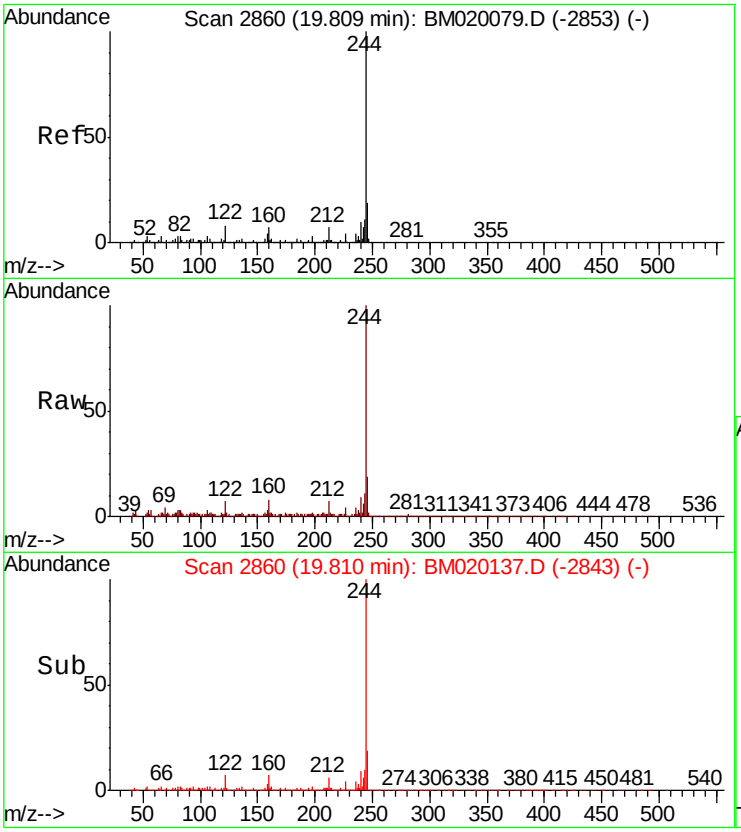


#78
Pyrene
Concen: 2.309 ng
RT: 19.60 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Tgt Ion:202 Resp: 125195

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.5	24.7
203	18.3	13.9	20.9



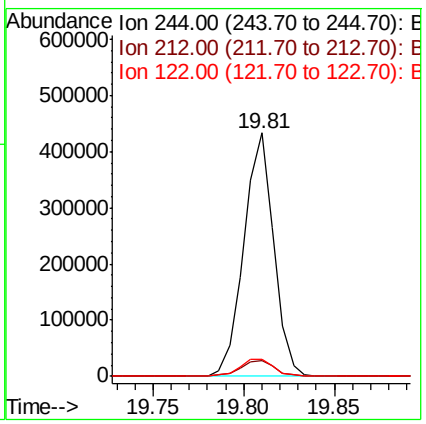


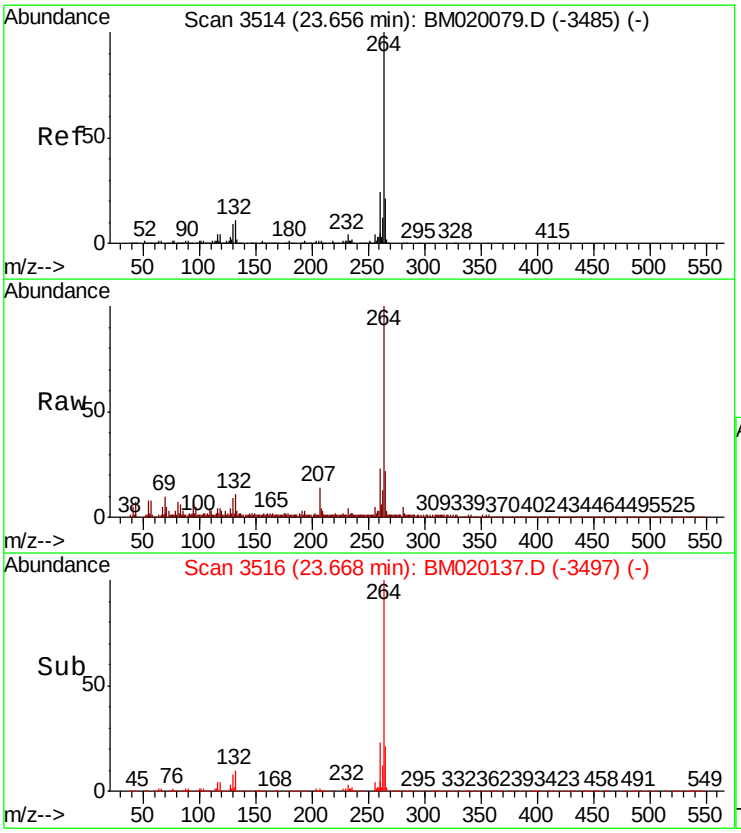
#79
Terphenyl-d14
Concen: 10.656 ng
RT: 19.81 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

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

Tgt Ion:244 Resp: 493280

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.9	6.2	9.2

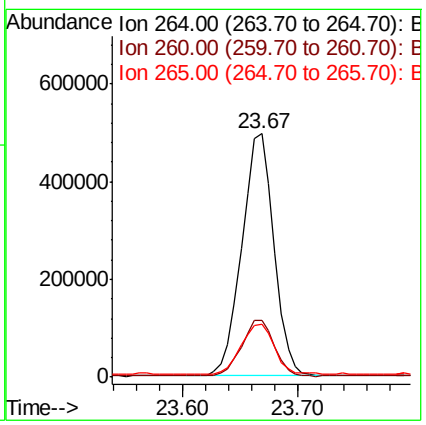


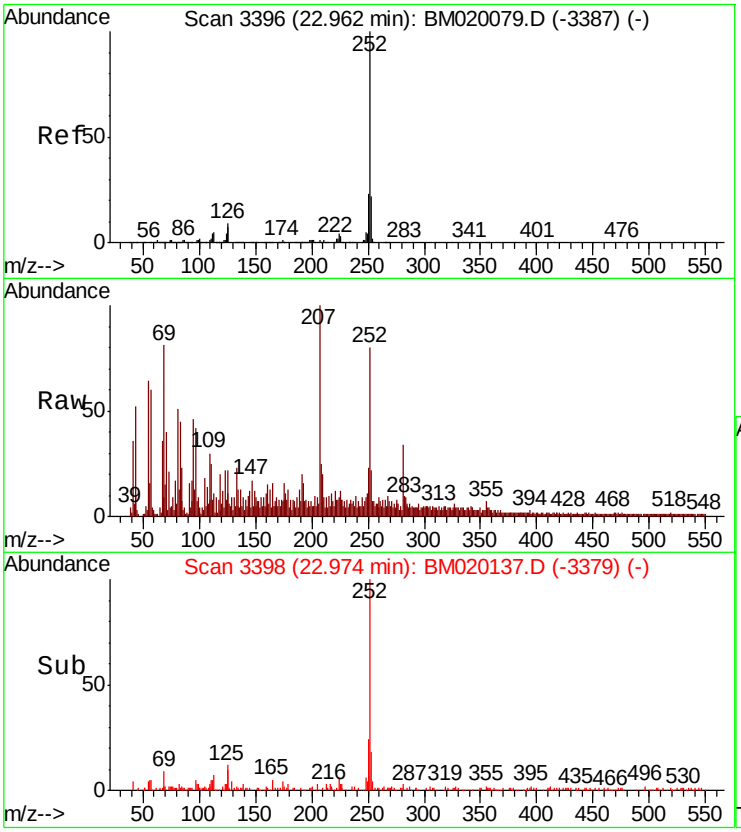


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. 0.01 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Tgt Ion:264 Resp: 958918

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	16.9	25.3



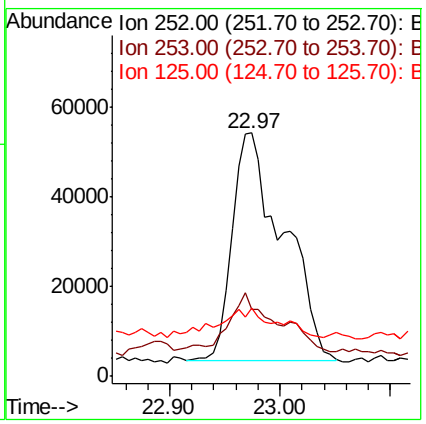


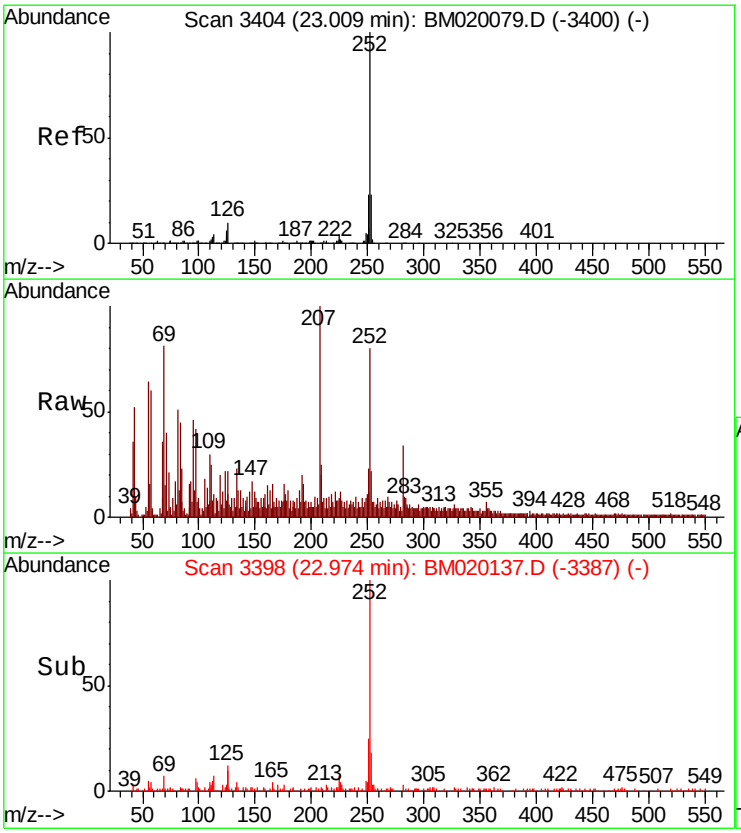
#88
Benzo(b)fluoranthene
Concen: 2.596 ng
RT: 22.97 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

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

Tgt Ion:252 Resp: 164397

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.5	26.3#
125	28.2	5.4	8.2#





#89
Benzo(k)fluoranthene
Concen: 2.860 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.03 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Tgt Ion:252 Resp: 165181

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.8	26.8#
125	28.2	5.4	8.0#