Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020169.D
Acq On : 07 May 2019 17:38
Operator : JU/SJ
Sample : K2635-03RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-05-050219-BRE

Quant Time: May 07 18:16:21 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	170054	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	644816	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	387499	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	896934	20.00	ng	0.00
76) Chrysene-d12	21.36	240	945533	20.00	ng	0.00
87) Perylene-d12	23.65	264	1150157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	131462	12.64	ng	0.00
7) Phenol-d6	6.96	99	179469	12.63	ng	0.00
23) Nitrobenzene-d5	8.96	82	129823	7.95	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	73308	12.19	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	243291	7.72	ng	0.00
79) Terphenyl-d14	19.80	244	371445	6.85	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.24	202	141403	2.257	ng	99
78) Pyrene	19.60	202	132329	2.085	ng	97

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

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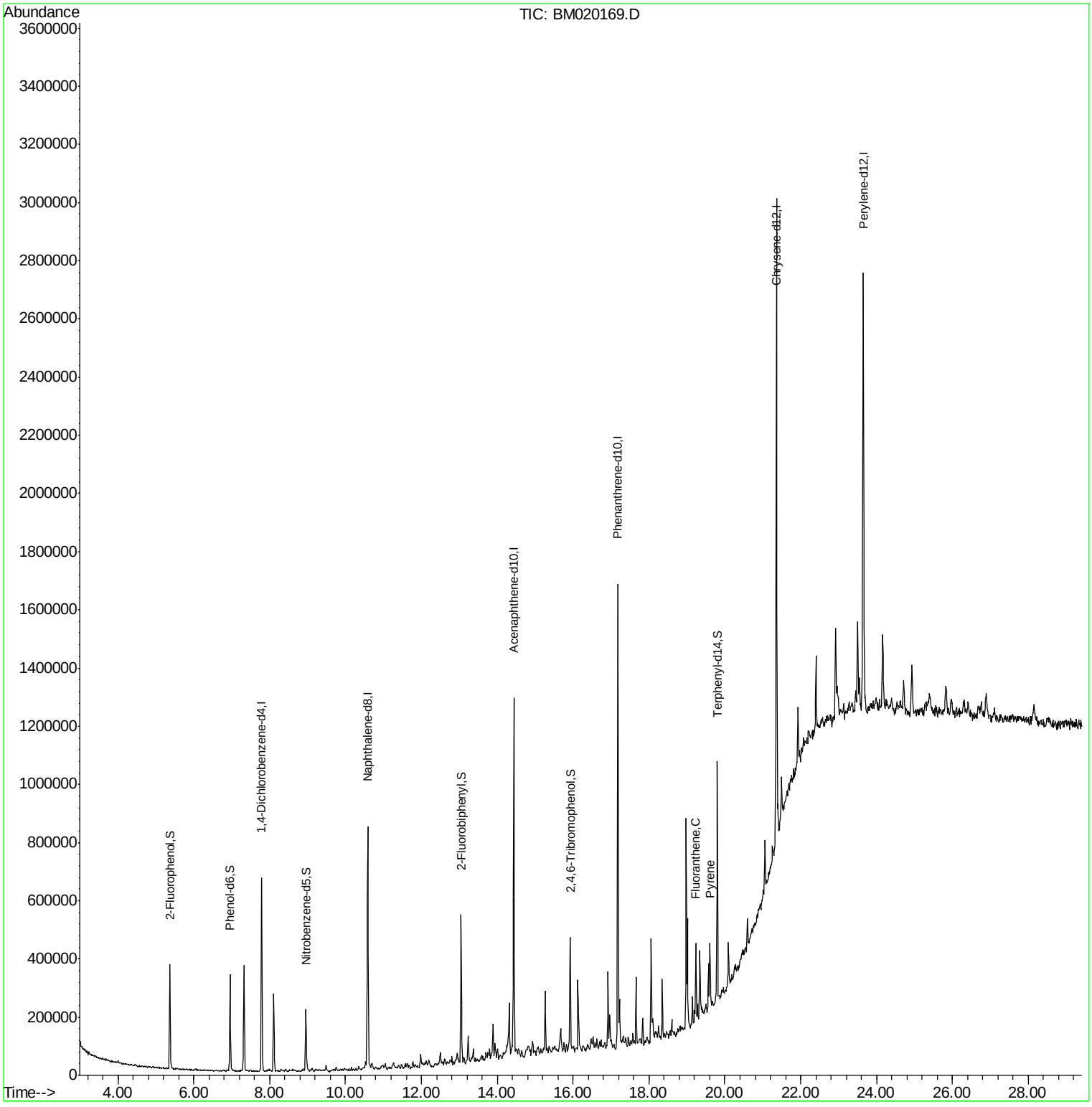
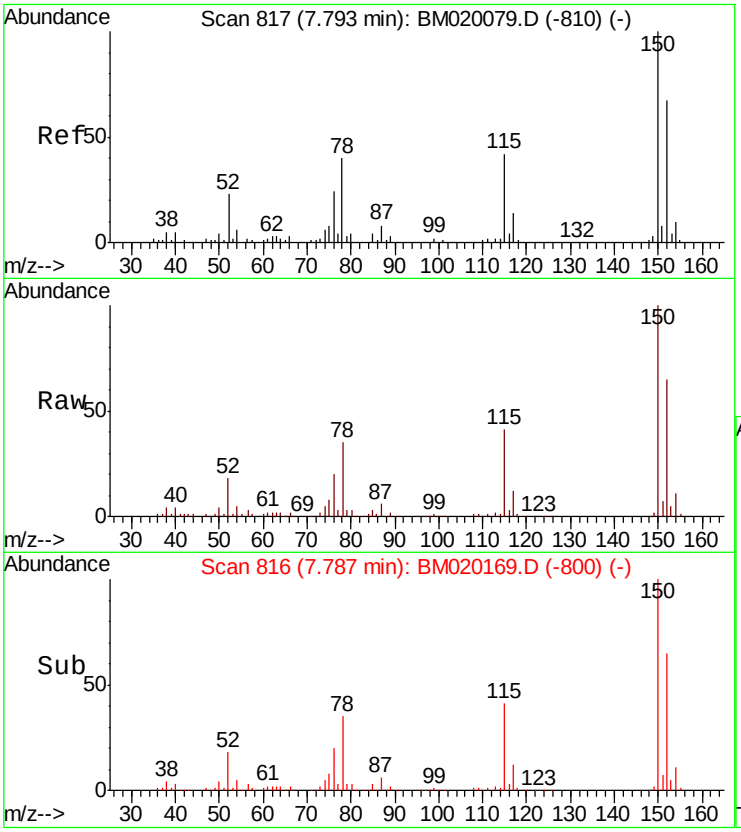


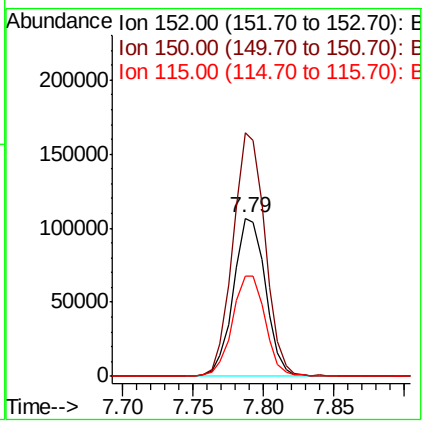


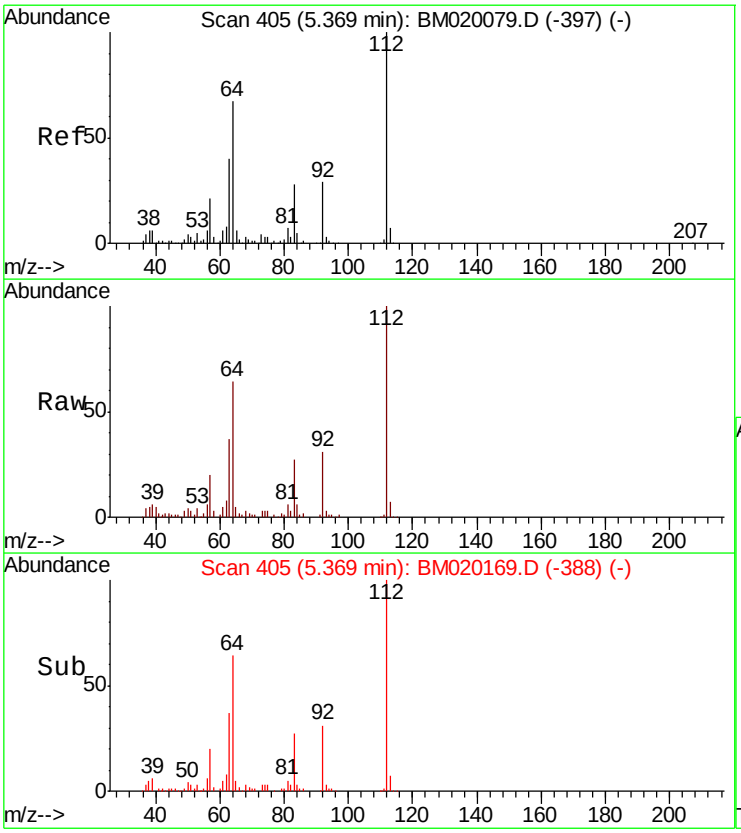
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tgt Ion:152 Resp: 170054

Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.8	179.8
115	63.5	50.8	76.2

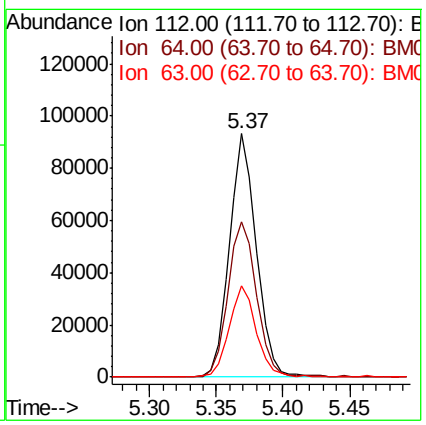


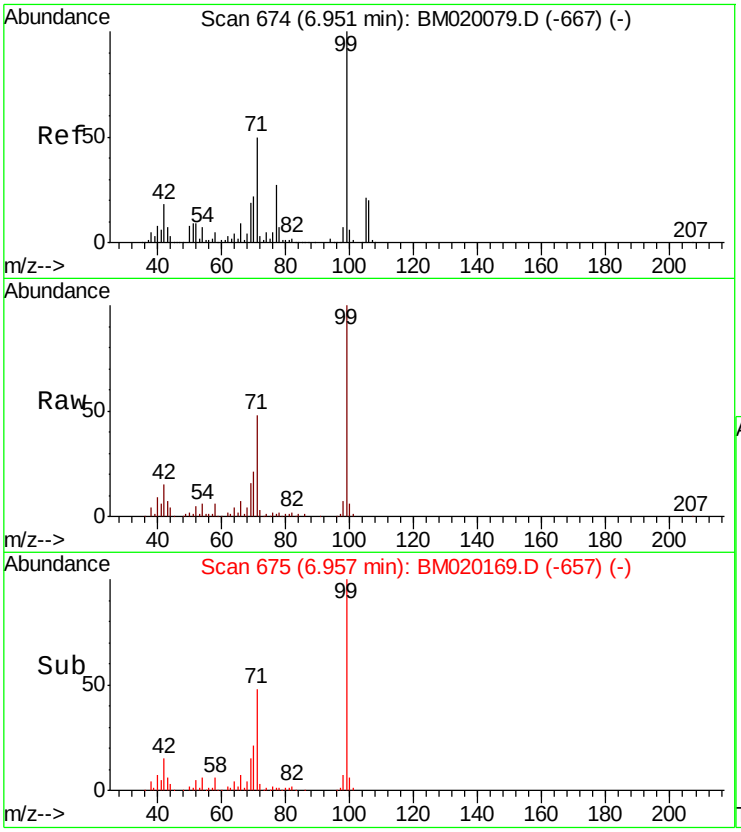


#5
2-Fluorophenol
Concen: 12.636 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion:112 Resp: 131462

Ion	Ratio	Lower	Upper
112	100		
64	64.0	53.8	80.6
63	37.4	32.3	48.5



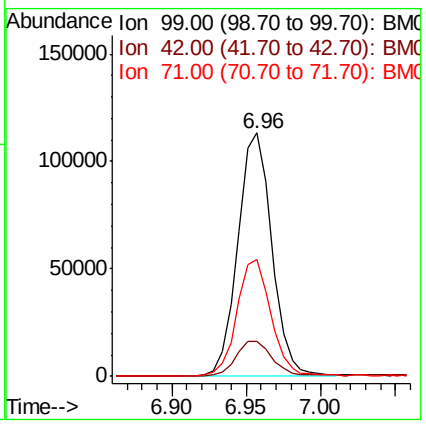


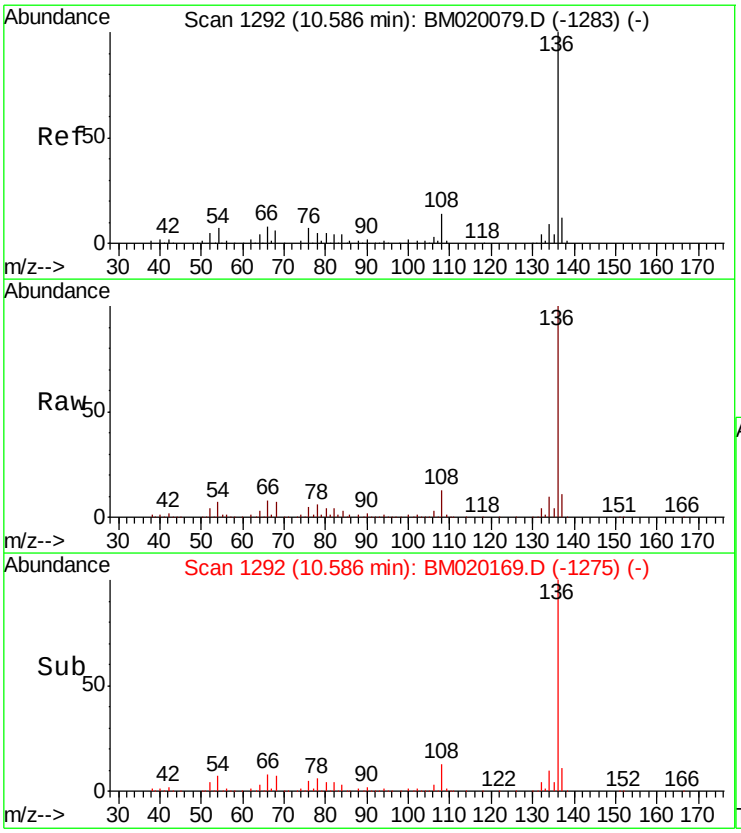
#7
Phenol-d6
Concen: 12.627 ng
RT: 6.96 min Scan# 675
Delta R.T. 0.01 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tgt Ion: 99 Resp: 179469

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.2
71	48.2	40.3	60.5

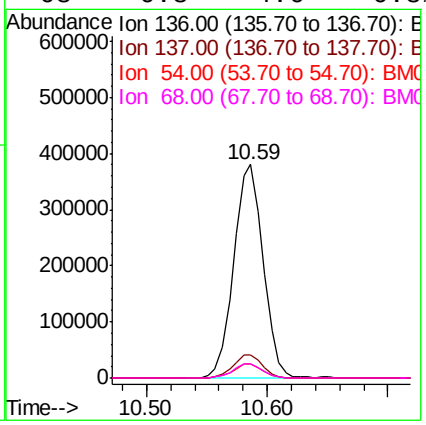


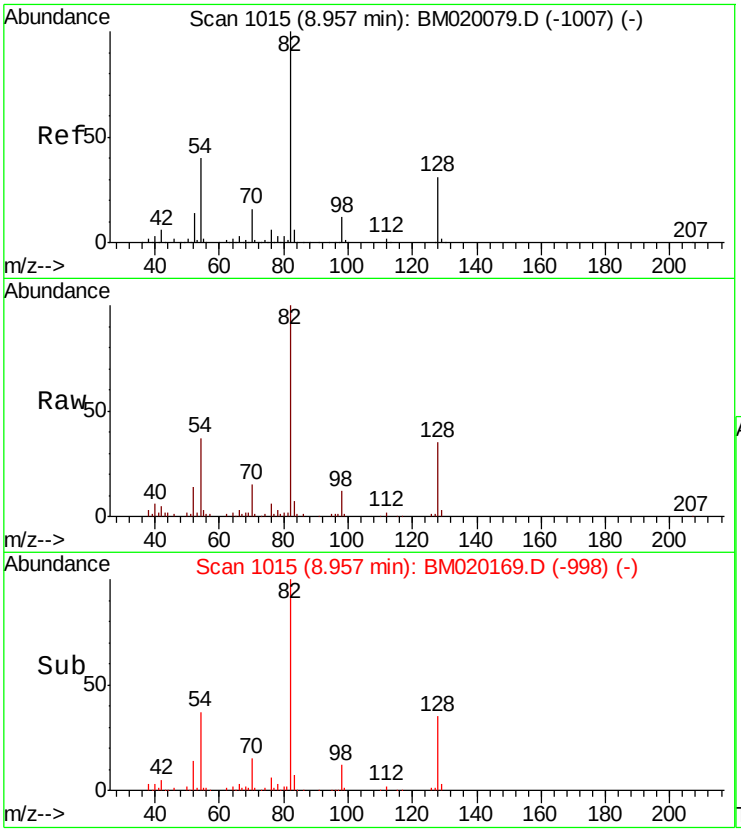


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion:136 Resp: 644816

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



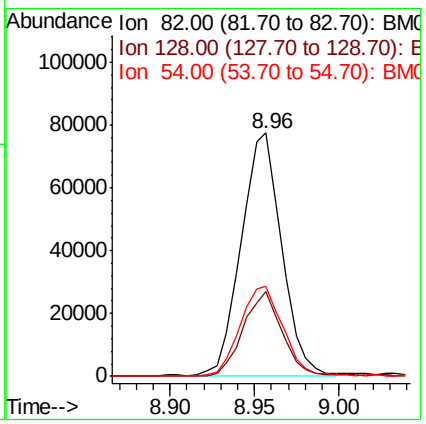


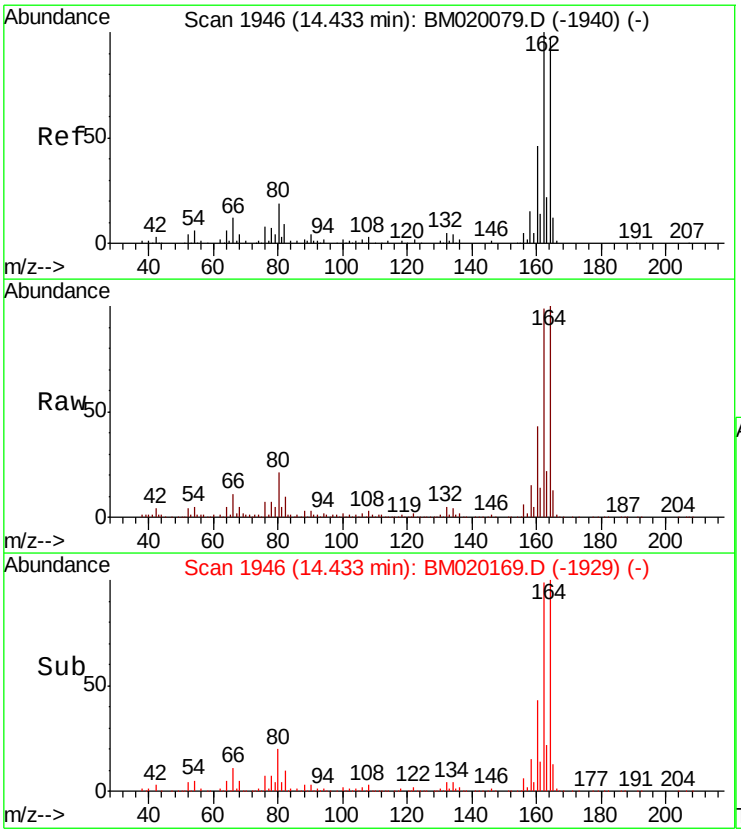
#23
Nitrobenzene-d5
Concen: 7.949 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tgt Ion: 82 Resp: 129823

Ion	Ratio	Lower	Upper
82	100		
128	35.1	25.2	37.8
54	37.0	31.9	47.9

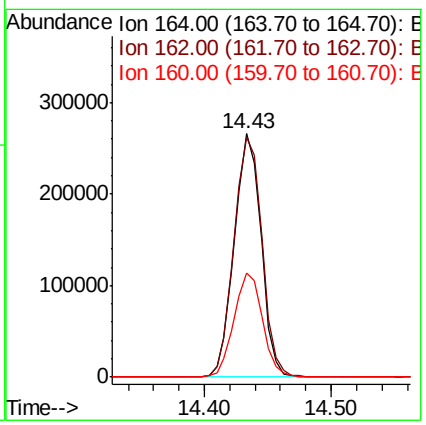


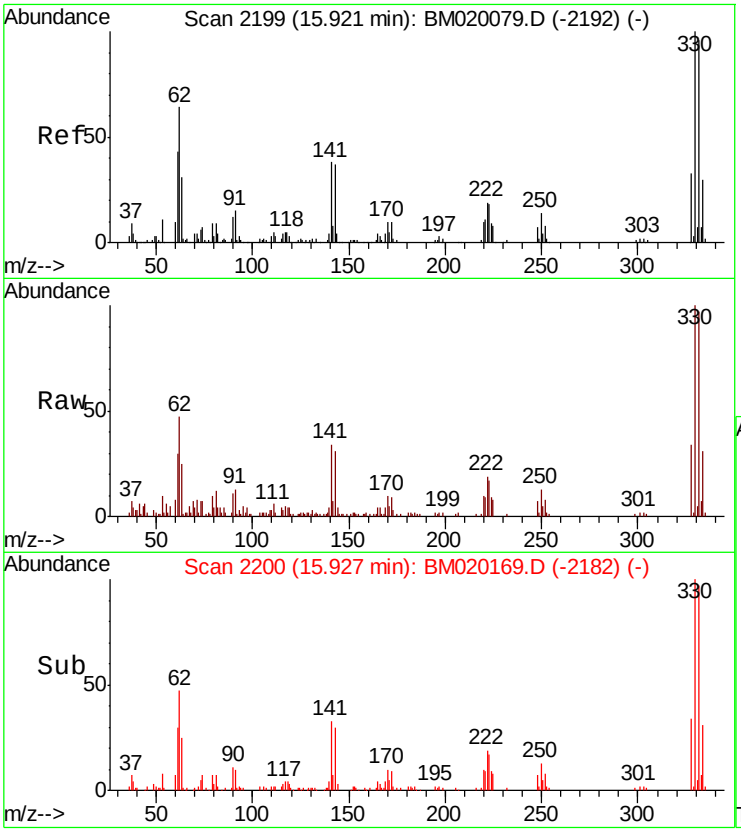


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion:164 Resp: 387499

Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.2	123.2
160	42.9	37.6	56.4



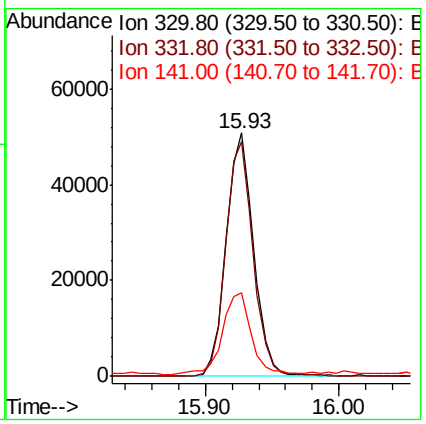


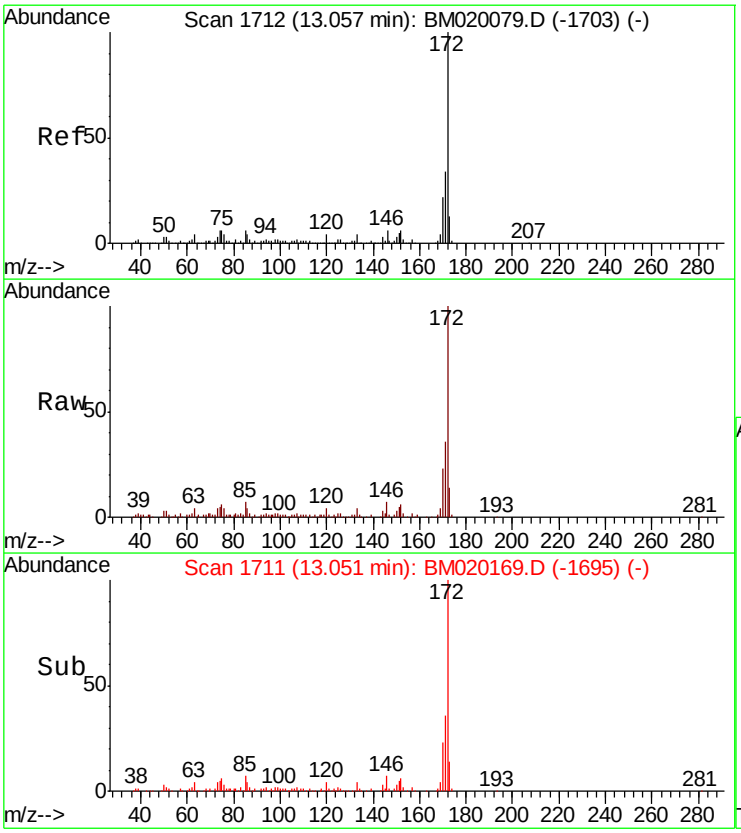
#42
2,4,6-Tribromophenol
Concen: 12.188 ng
RT: 15.93 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tgt Ion:330 Resp: 73308

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.8	29.2	43.8

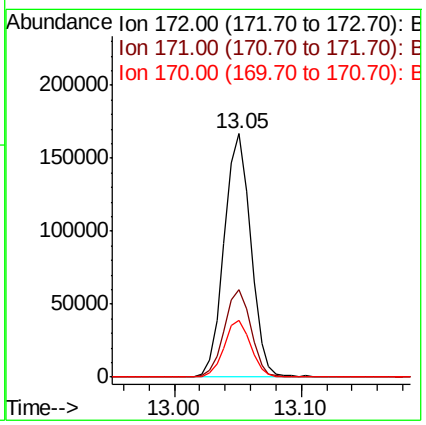


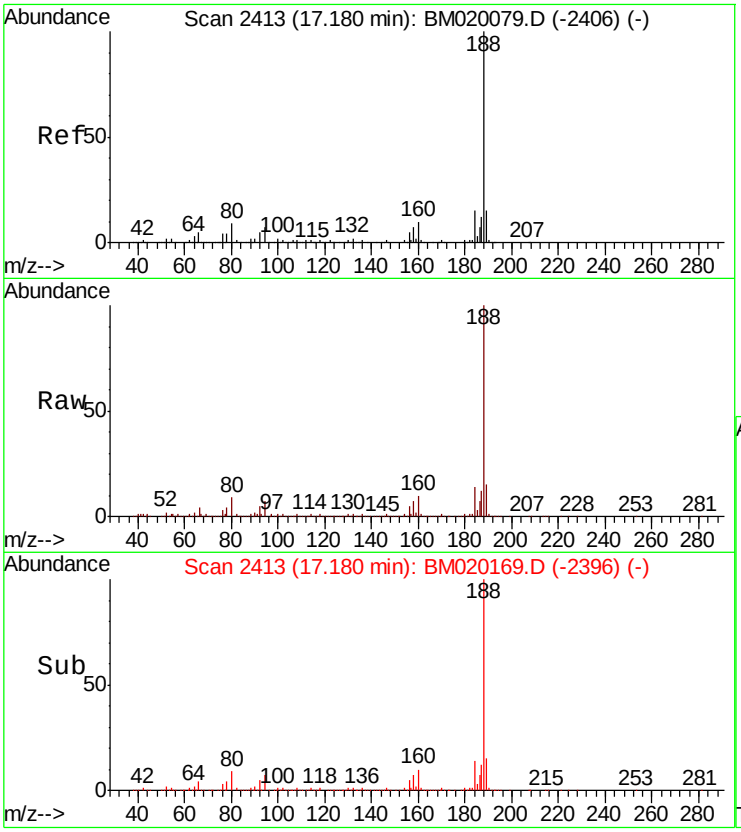


#45
2-Fluorobiphenyl
Concen: 7.725 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion:172 Resp: 243291

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.3	40.9
170	23.2	17.9	26.9



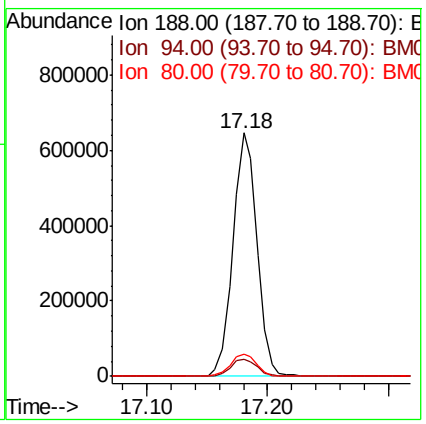


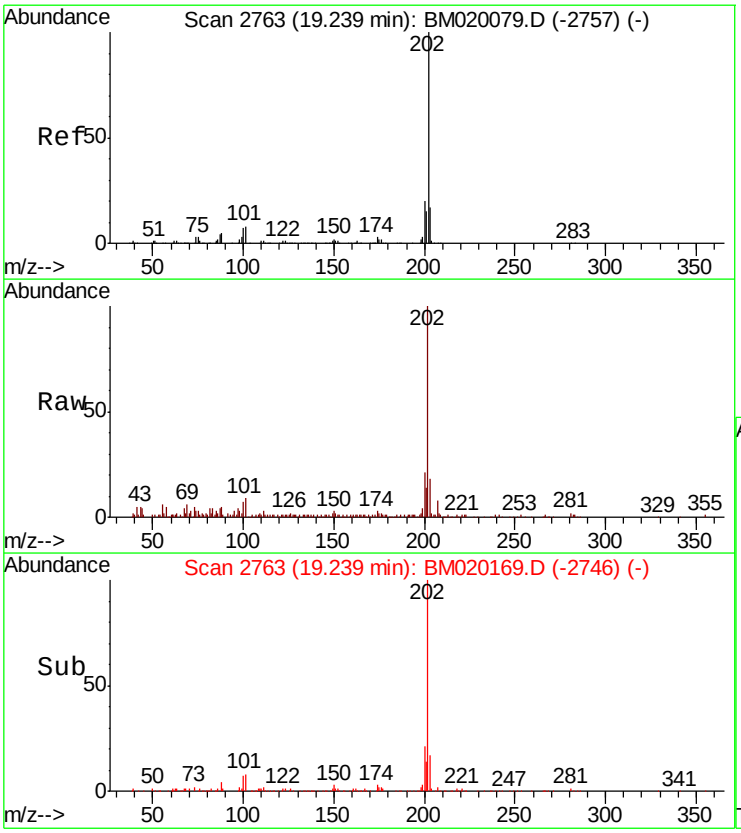
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tgt Ion:188 Resp: 896934

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	9.3	7.4	11.2

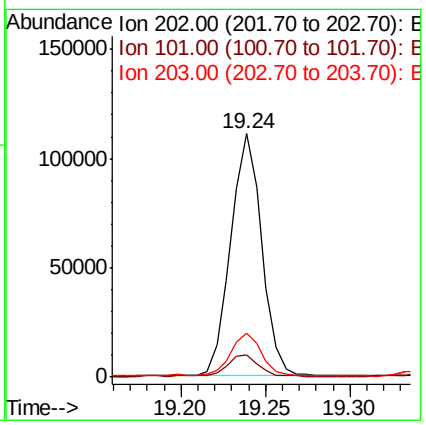


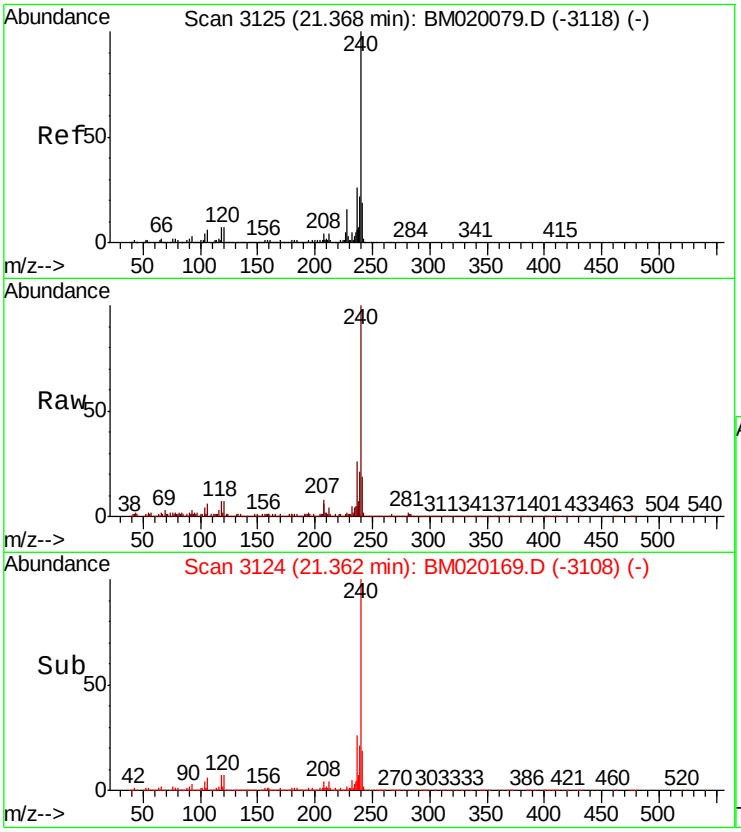


#75
Fluoranthene
Concen: 2.257 ng
RT: 19.24 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion:202 Resp: 141403

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.4
203	17.8	0.0	37.4



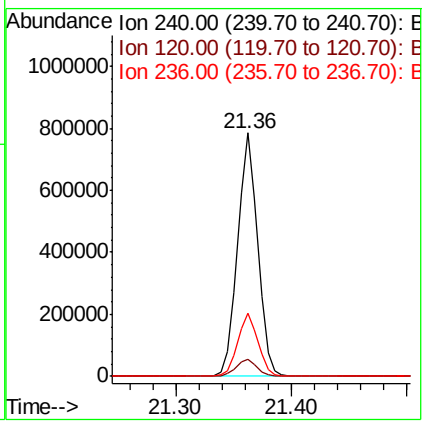


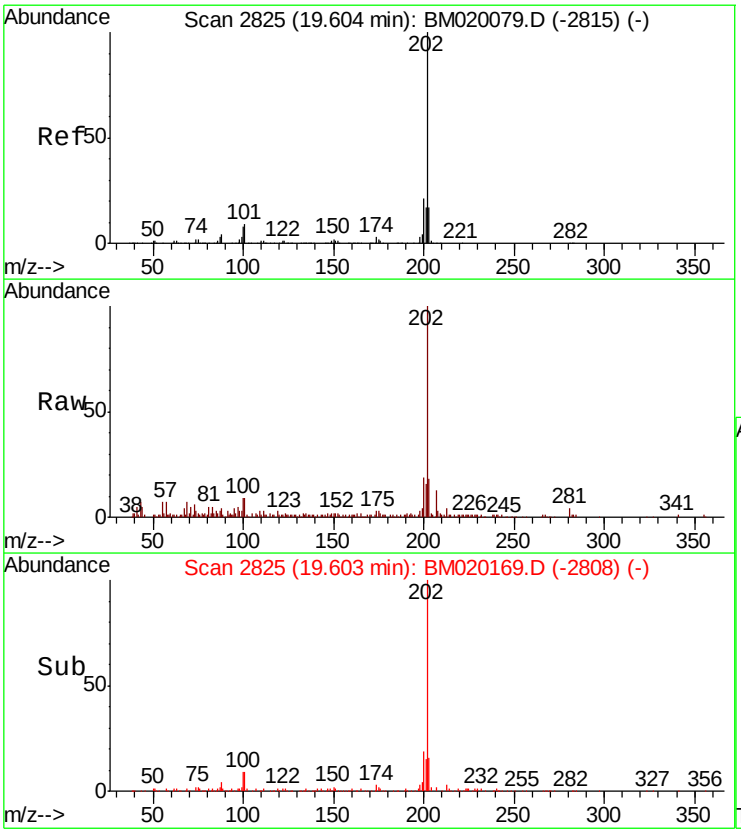
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tgt Ion:240 Resp: 945533

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.6	8.4
236	26.2	20.9	31.3

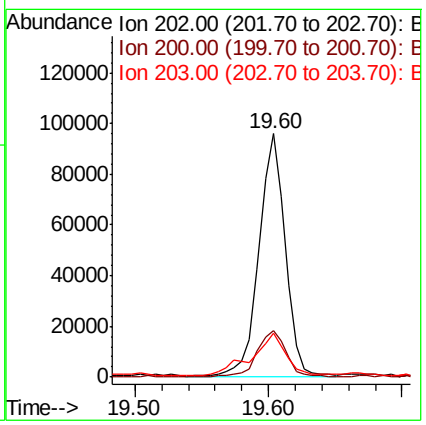


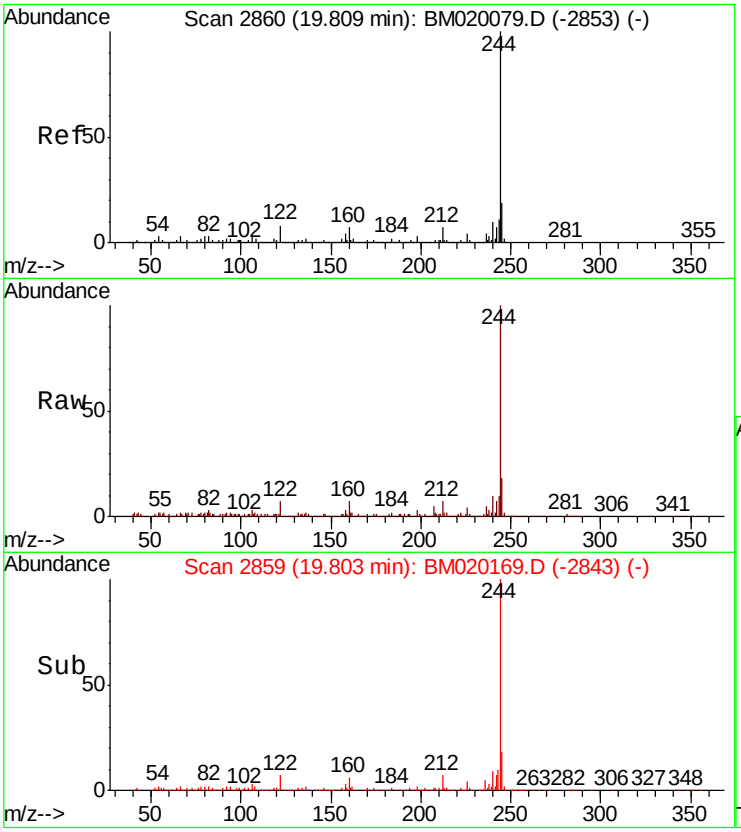


#78
Pyrene
Concen: 2.085 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion:202 Resp: 132329

Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.5	24.7
203	18.0	13.9	20.9



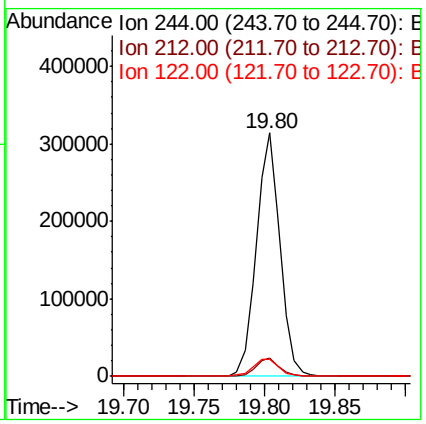


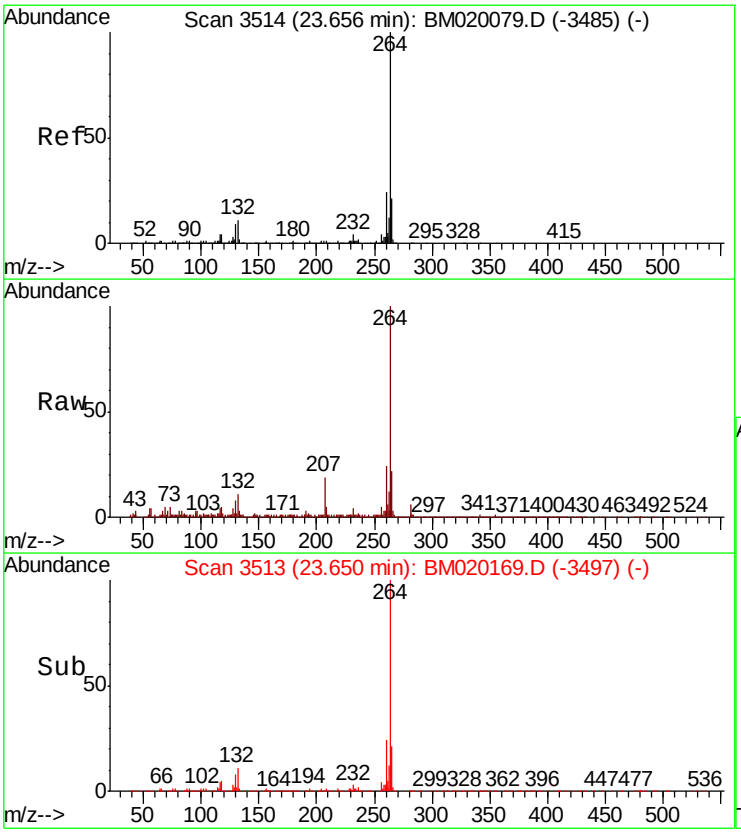
#79
Terphenyl-d14
Concen: 6.852 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-BRE

Tgt Ion:244 Resp: 371445

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	6.8	6.2	9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020169.D
Acq: 07 May 2019 17:38

Tgt Ion:264 Resp: 1150157

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.3	16.9	25.3