Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020157.D
Acq On : 07 May 2019 07:02
Operator : JU/SJ
Sample : K2673-15 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-01-COMP

Quant Time: May 07 07:39:43 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	155726	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	550478	20.00	ng		0.00
39) Acenaphthene-d10	14.44	164	311062	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	727404	20.00	ng		0.00
76) Chrysene-d12	21.37	240	755665	20.00	ng		0.00
87) Perylene-d12	23.67	264	876498	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	165062	17.33	ng		0.00
7) Phenol-d6	6.96	99	231524	17.79	ng		0.00
23) Nitrobenzene-d5	8.96	82	143330	10.28	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	84661	17.53	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	299355	11.84	ng		0.00
79) Terphenyl-d14	19.81	244	466189	10.76	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.85	122	1007	6.779	ng	#	79
71) Phenanthrene	17.23	178	576428	14.356	ng		99
72) Anthracene	17.32	178	176220	4.389	ng		99
75) Fluoranthene	19.24	202	1370403	26.974	ng		99
78) Pyrene	19.61	202	1392541	27.448	ng		99
81) Benzo(a)anthracene	21.36	228	803625	15.164	ng		98
83) Chrysene	21.41	228	654776	12.740	ng		96
86) Indeno(1,2,3-cd)pyrene	26.00	276	492686	8.059	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	1254691	21.678	ng	#	96
89) Benzo(k)fluoranthene	22.97	252	1249850	23.673	ng	#	97
90) Benzo(a)pyrene	23.57	252	737518	14.028	ng	#	94
91) Dibenzo(a,h)anthracene	26.00	278	130958	2.395	ng	#	79
92) Benzo(g,h,i)perylene	26.73	276	495059	9.537	ng		98

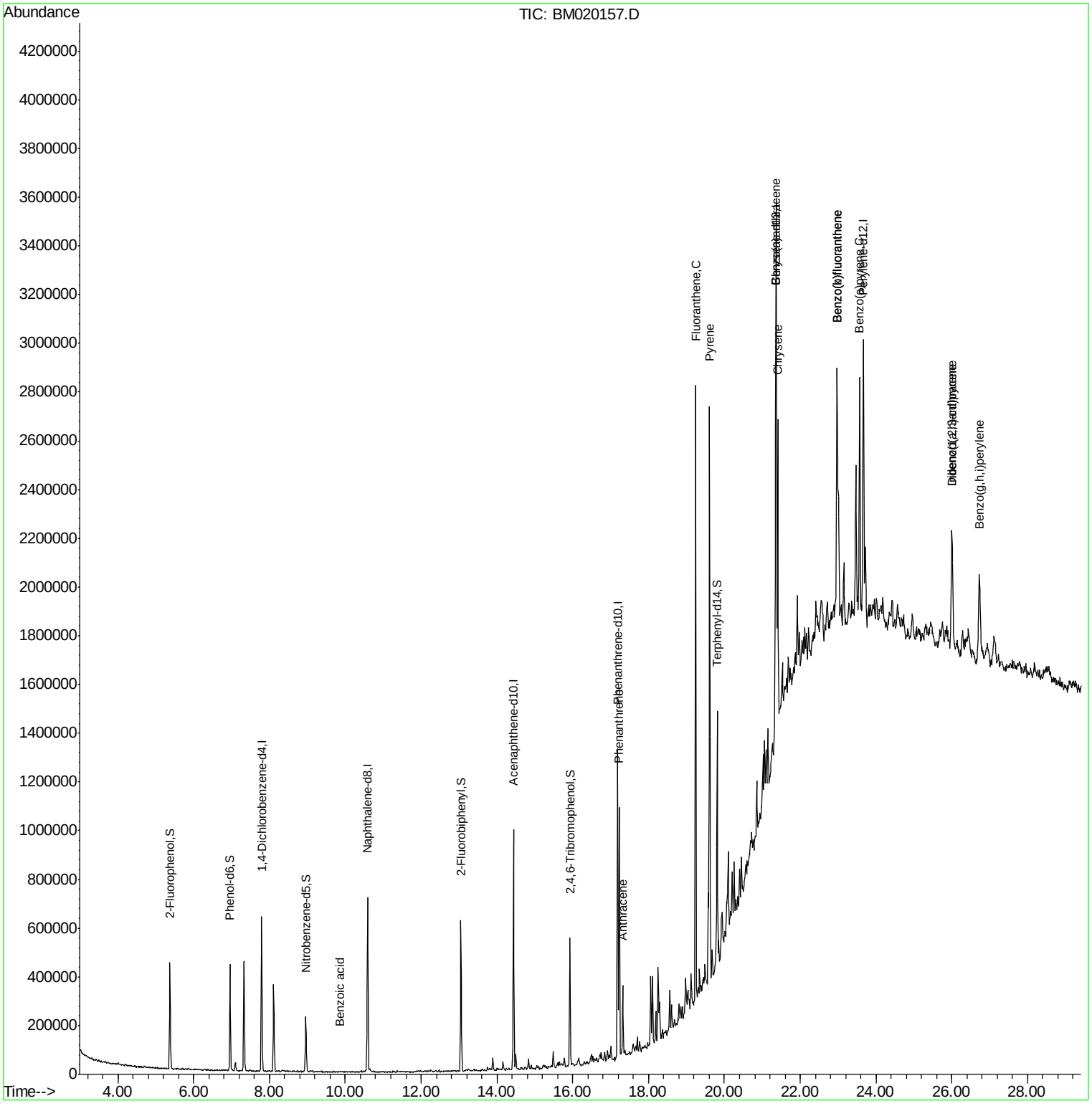
(#) = qualifier out of range (m) = manual integration (+) = signals summed

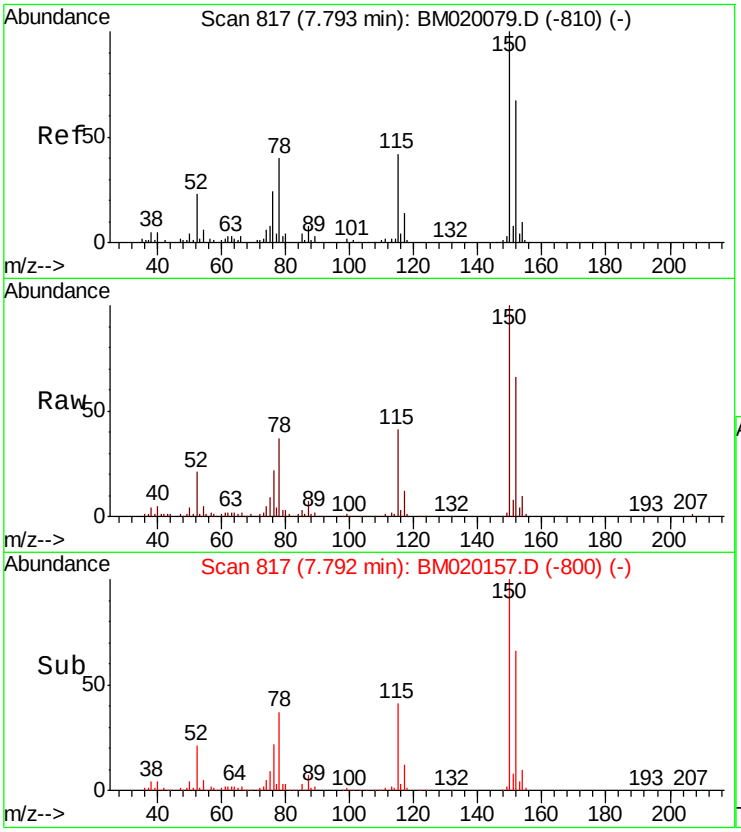
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020157.D
Acq On : 07 May 2019 07:02
Operator : JU/SJ
Sample : K2673-15 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-01-COMP

Quant Time: May 07 07:39:43 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



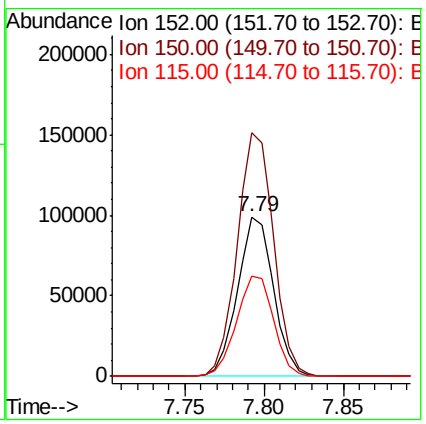


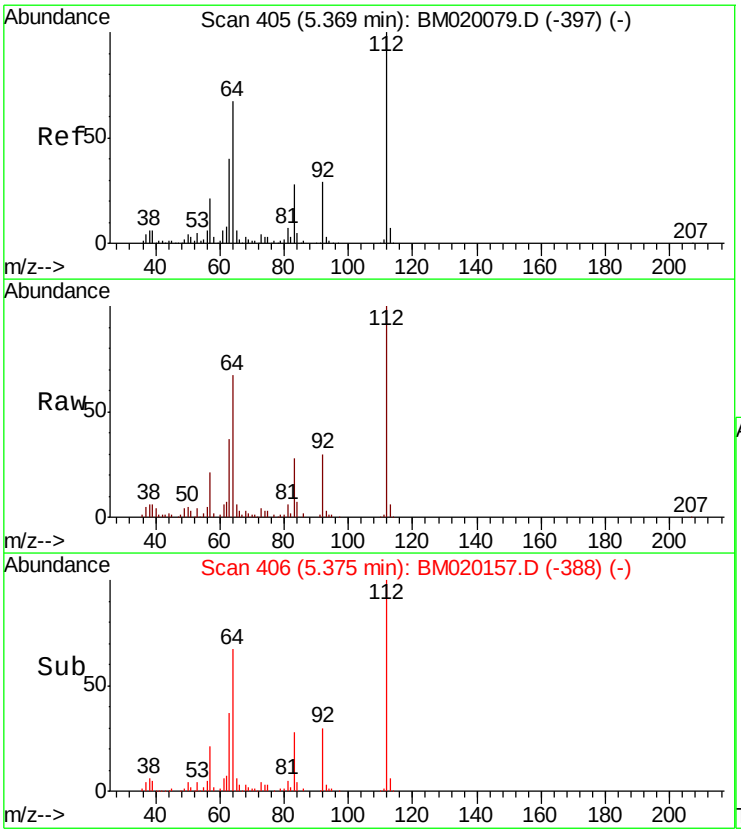
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:152 Resp: 155726

Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.8	179.8
115	63.1	50.8	76.2

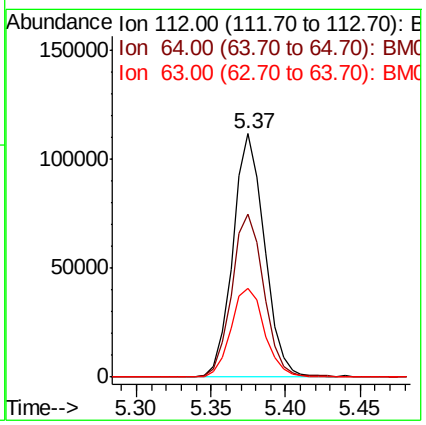


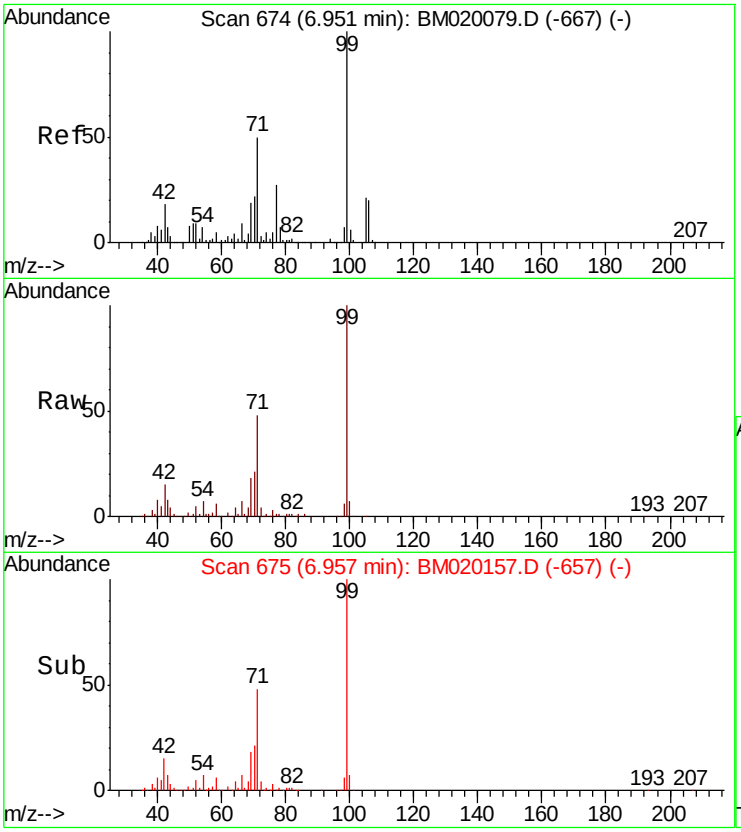


#5
2-Fluorophenol
Concen: 17.326 ng
RT: 5.37 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:112 Resp: 165062

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.8	80.6
63	36.7	32.3	48.5



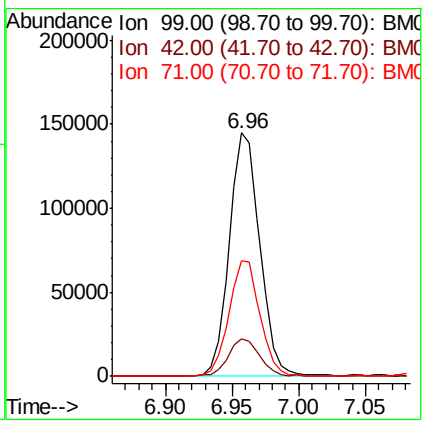


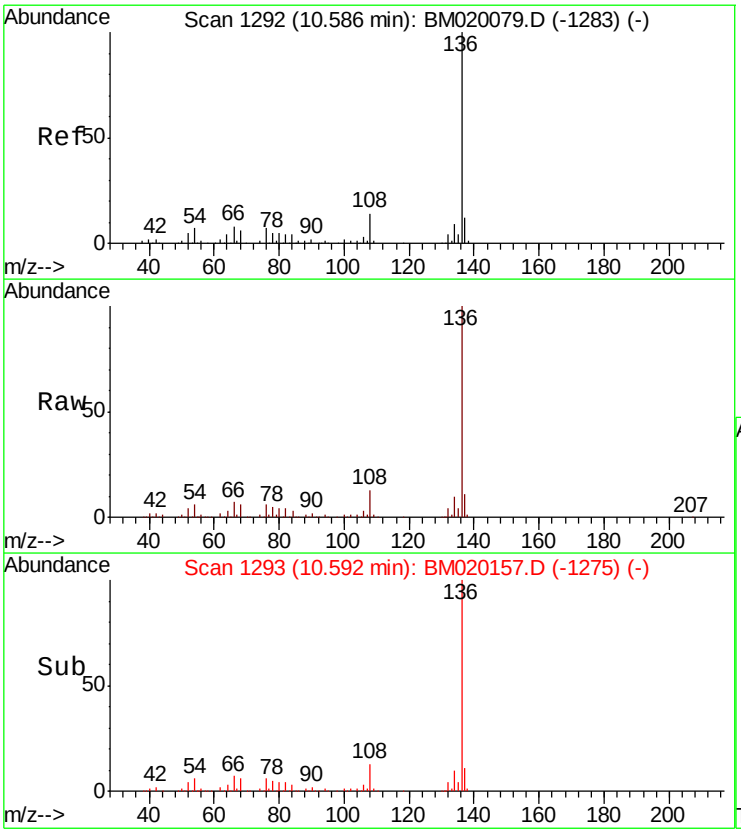
#7
Phenol-d6
Concen: 17.789 ng
RT: 6.96 min Scan# 675
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion: 99 Resp: 231524

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.2	21.2
71	47.6	40.3	60.5

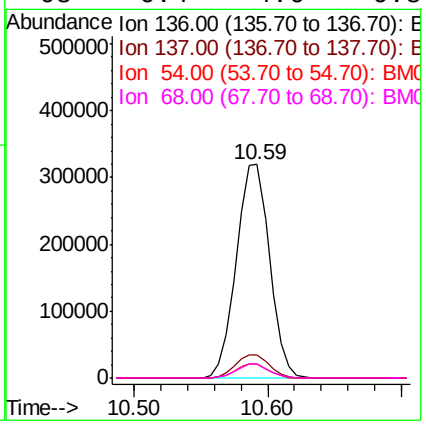


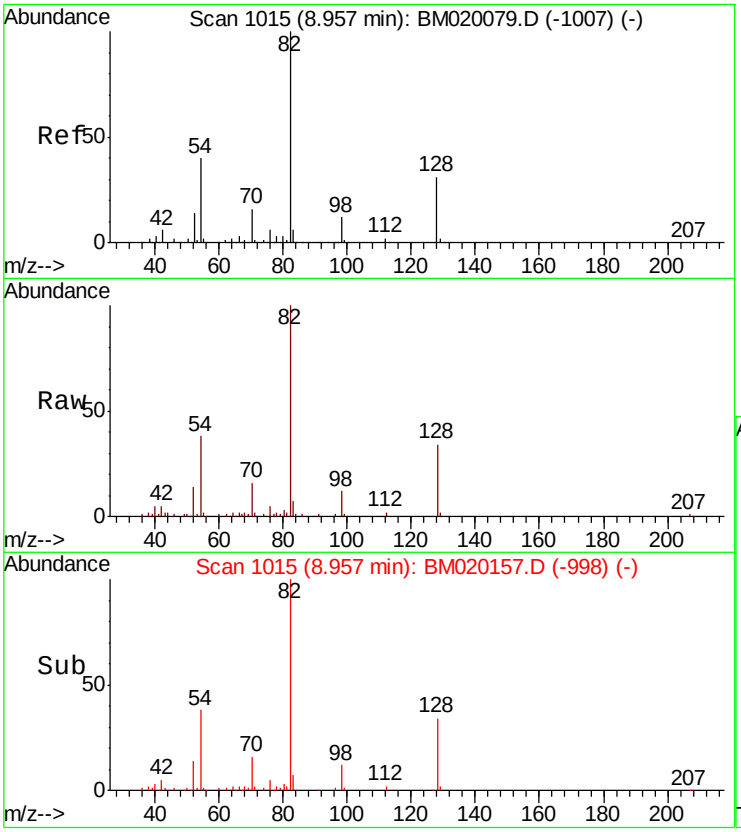


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:136 Resp: 550478

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	6.4	5.5	8.3
68	6.4	4.6	6.8



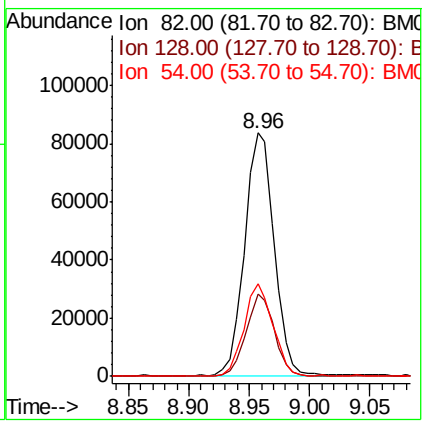


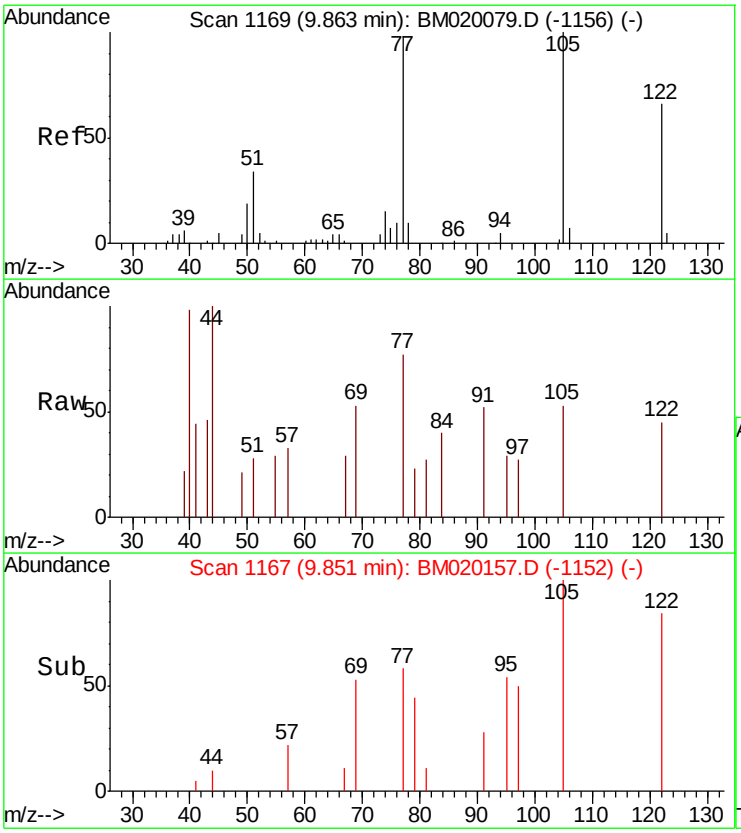
#23
Nitrobenzene-d5
Concen: 10.280 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion: 82 Resp: 143330

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

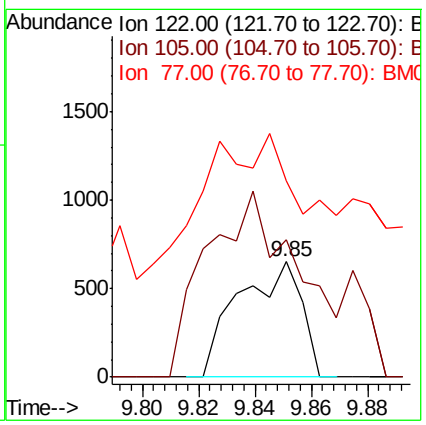


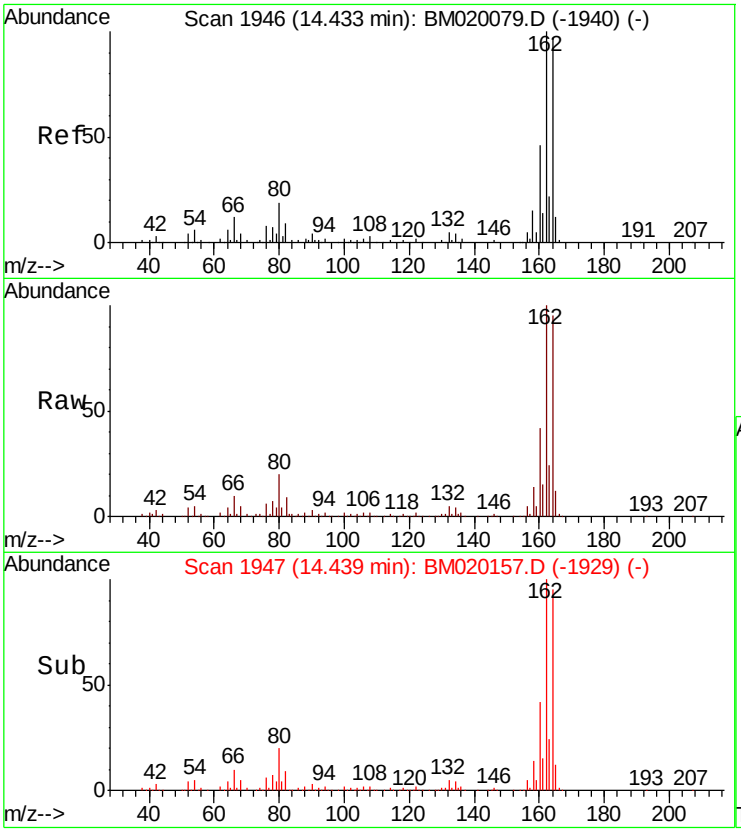


#32
Benzoic acid
Concen: 6.779 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:122 Resp: 1007

Ion	Ratio	Lower	Upper
122	100		
105	118.6	122.5	162.5#
77	170.4	123.3	163.3#



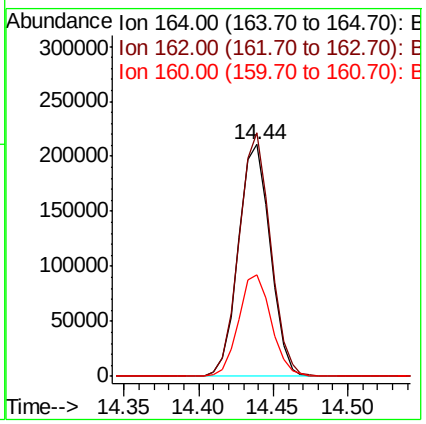


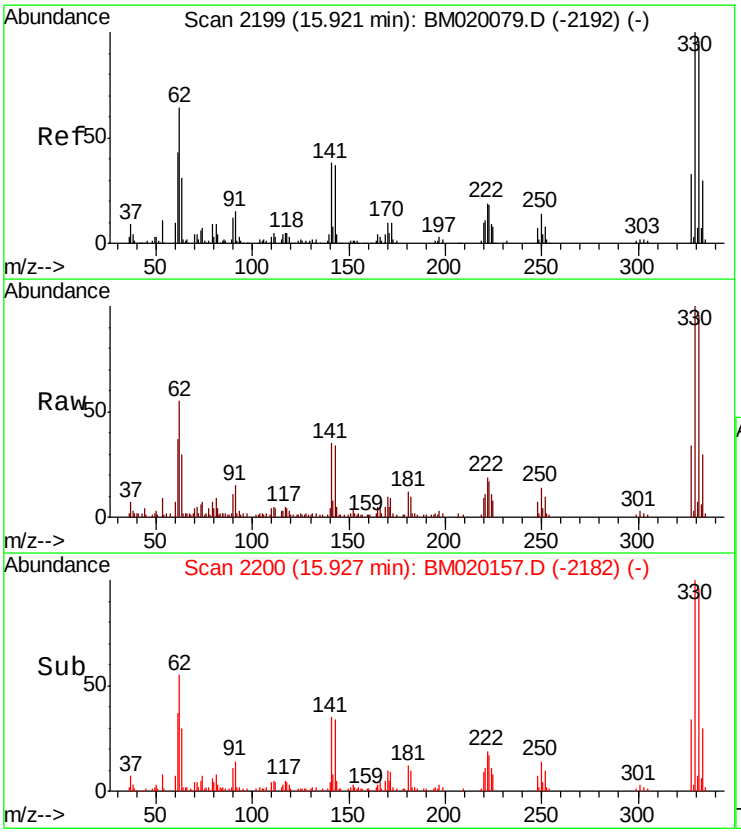
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:164 Resp: 311062

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.2	123.2
160	44.0	37.6	56.4

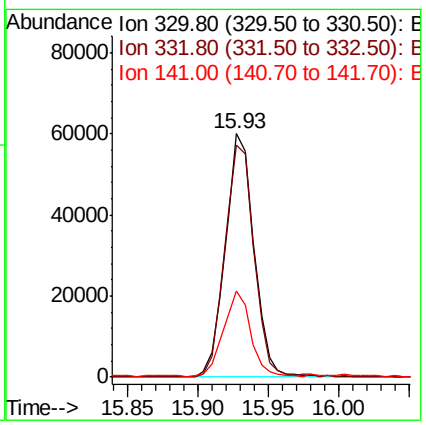


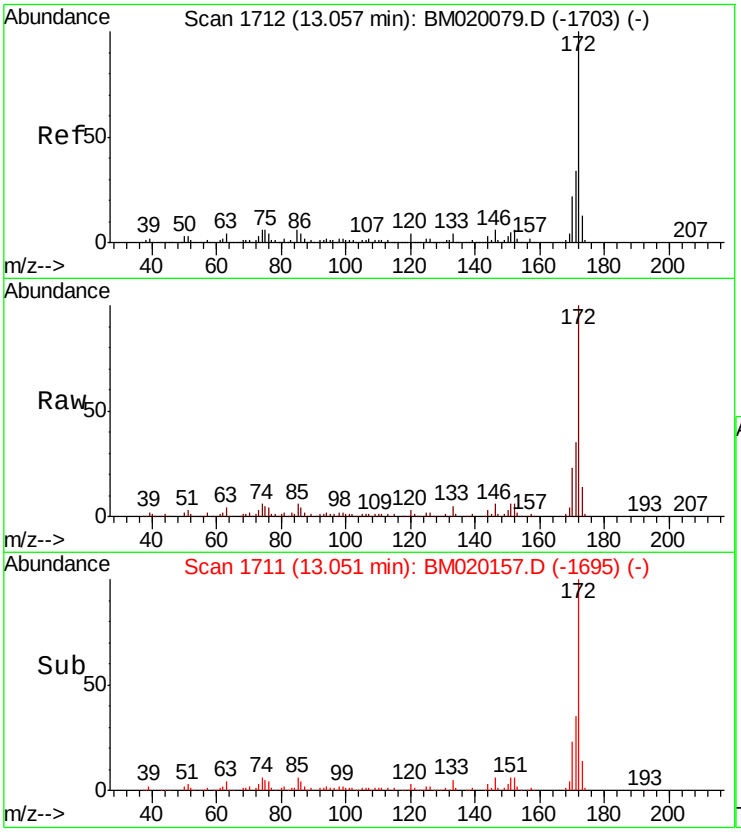


#42
2,4,6-Tribromophenol
Concen: 17.534 ng
RT: 15.93 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:330 Resp: 84661

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	34.3	29.2	43.8



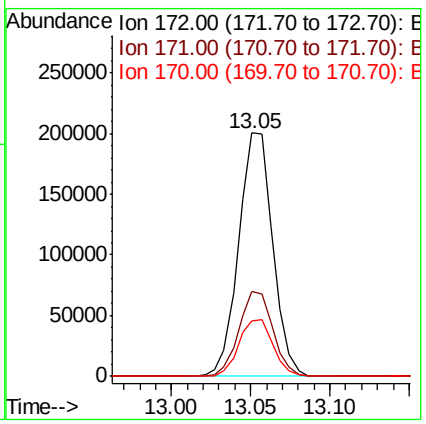


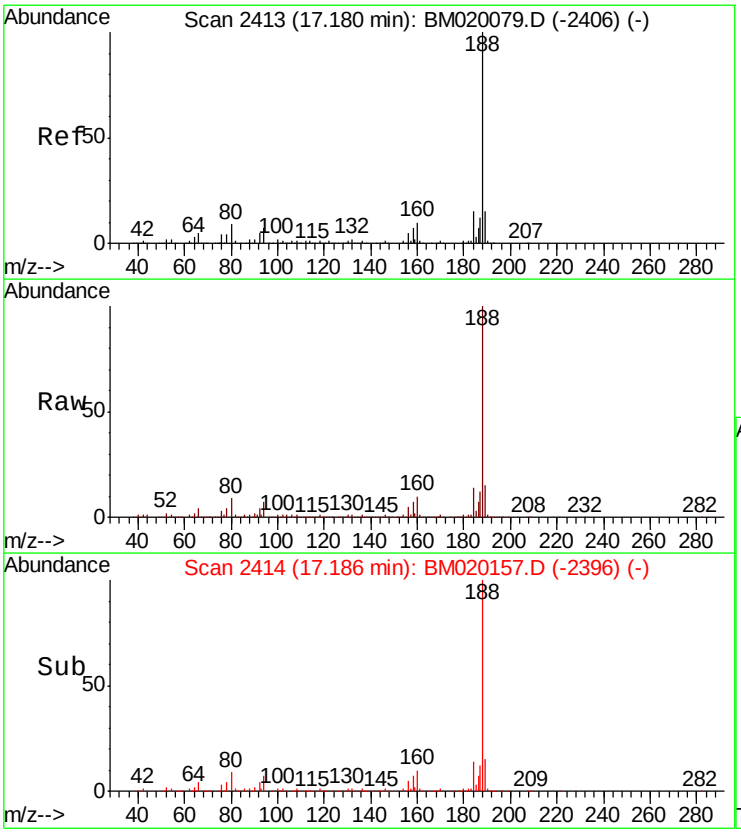
#45
2-Fluorobiphenyl
Concen: 11.841 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:172 Resp: 299355

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	23.0	17.9	26.9

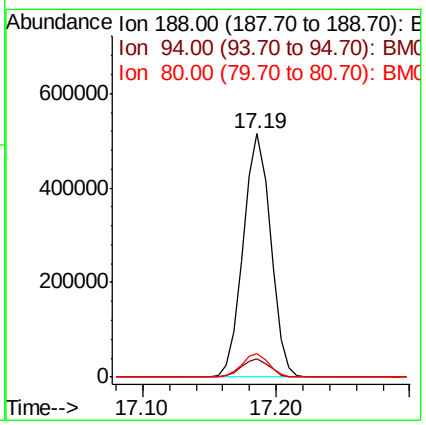


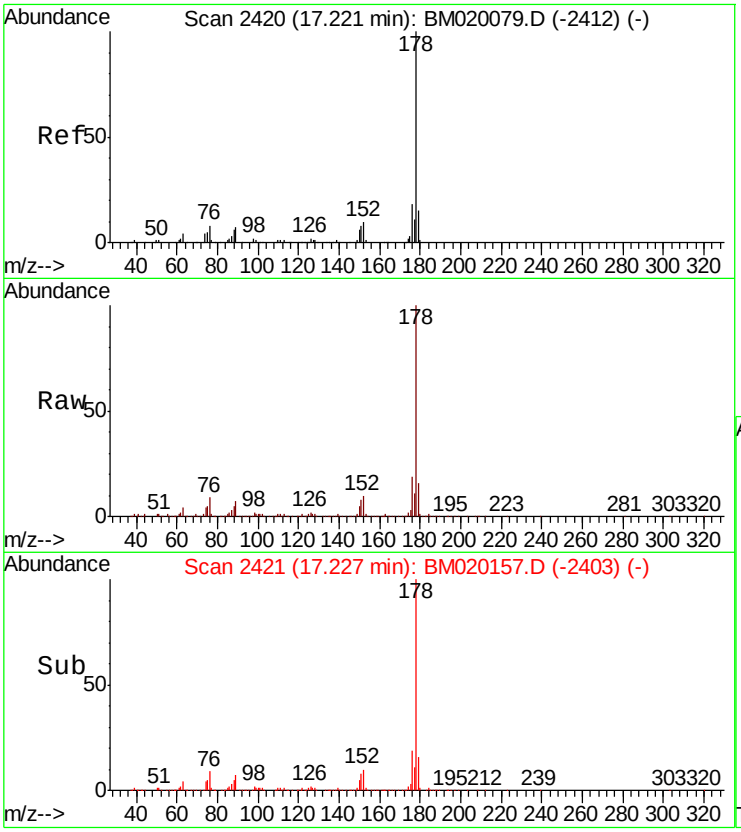


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:188 Resp: 727404

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	9.4	7.4	11.2



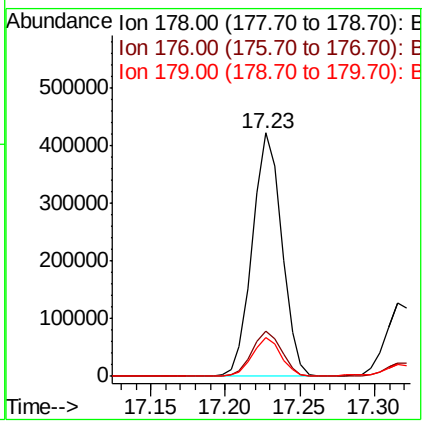


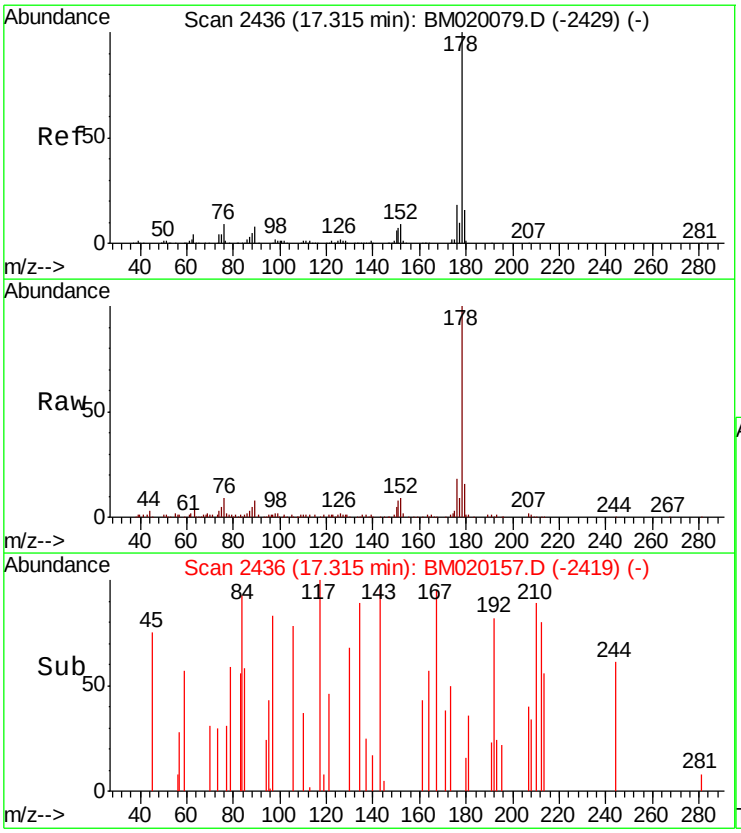
#71
Phenanthrene
Concen: 14.356 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:178 Resp: 576428

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.9	12.4	18.6

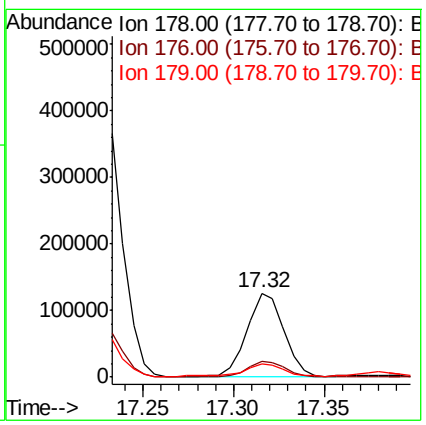


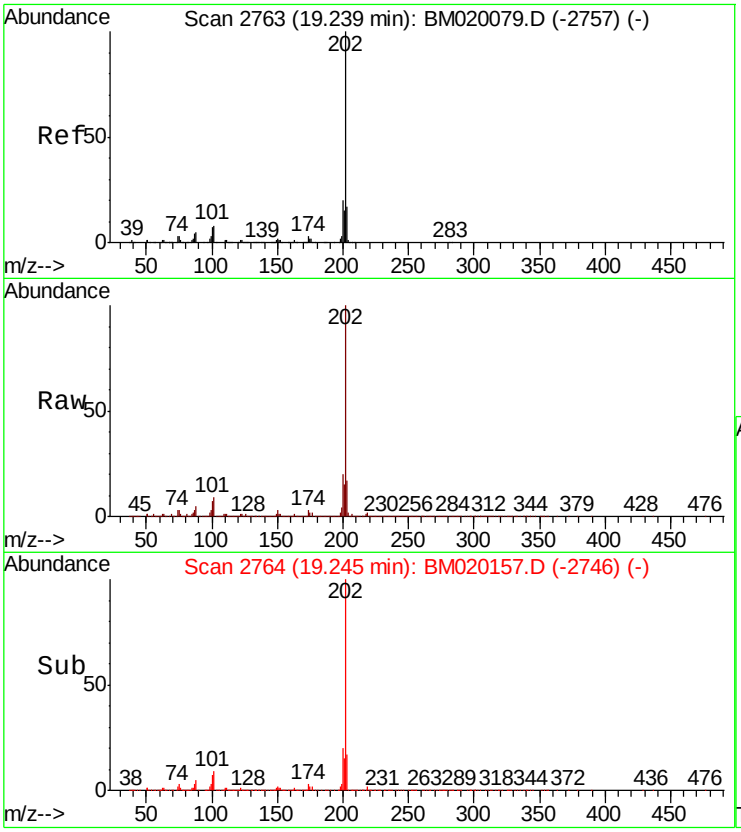


#72
Anthracene
Concen: 4.389 ng
RT: 17.32 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:178 Resp: 176220

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	16.1	12.4	18.6



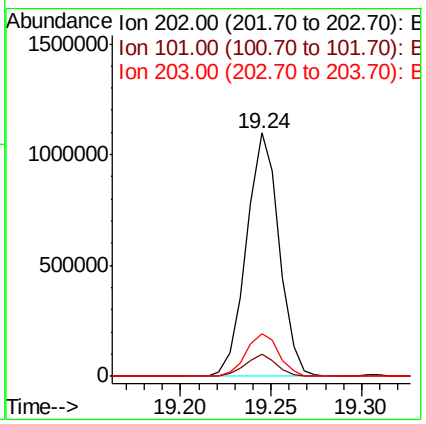


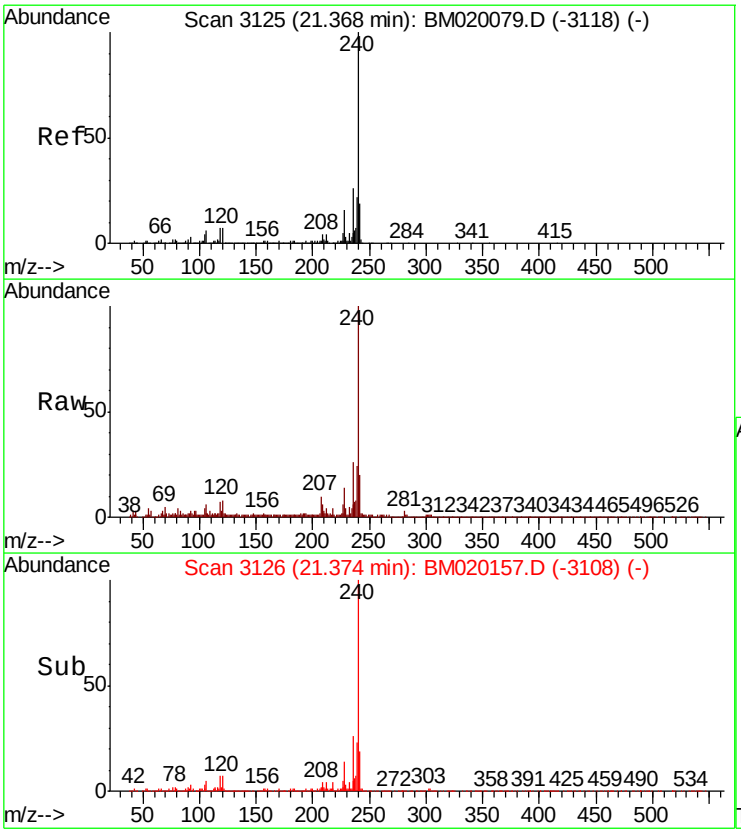
#75
Fluoranthene
Concen: 26.974 ng
RT: 19.24 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:202 Resp: 1370403

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.4
203	17.5	0.0	37.4

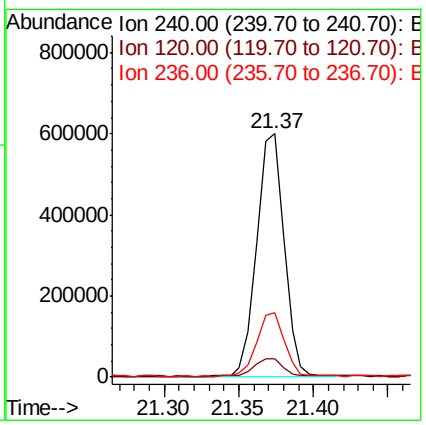


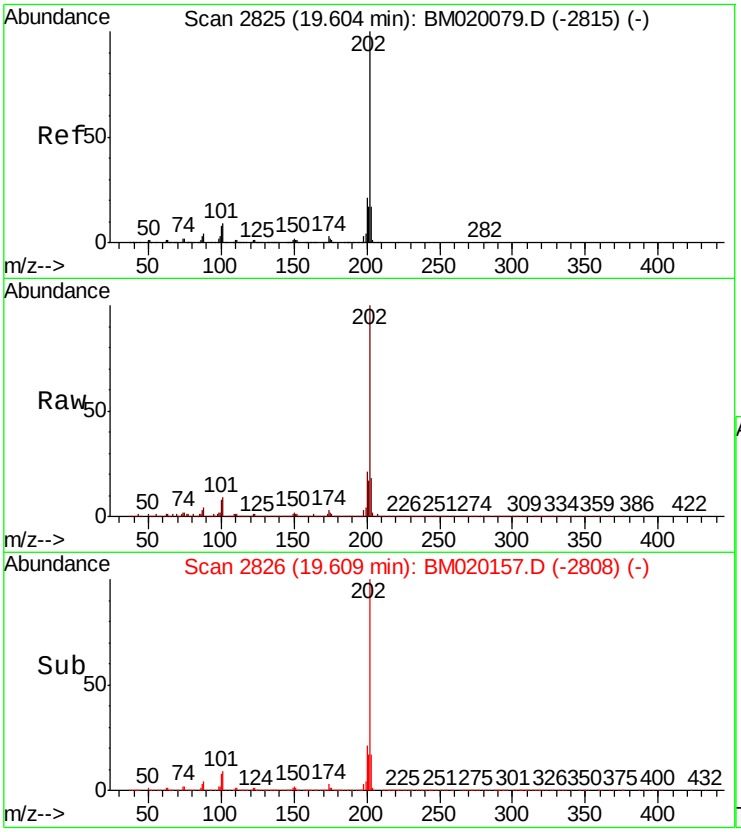


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:240 Resp: 755665

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.6	8.4
236	26.4	20.9	31.3



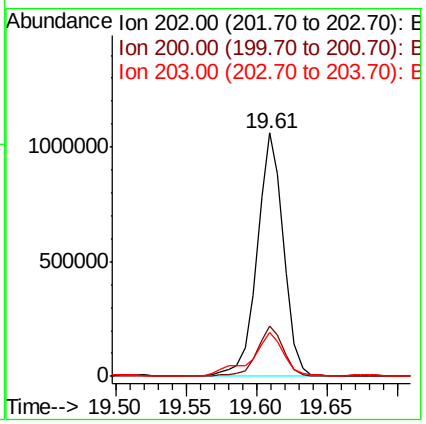


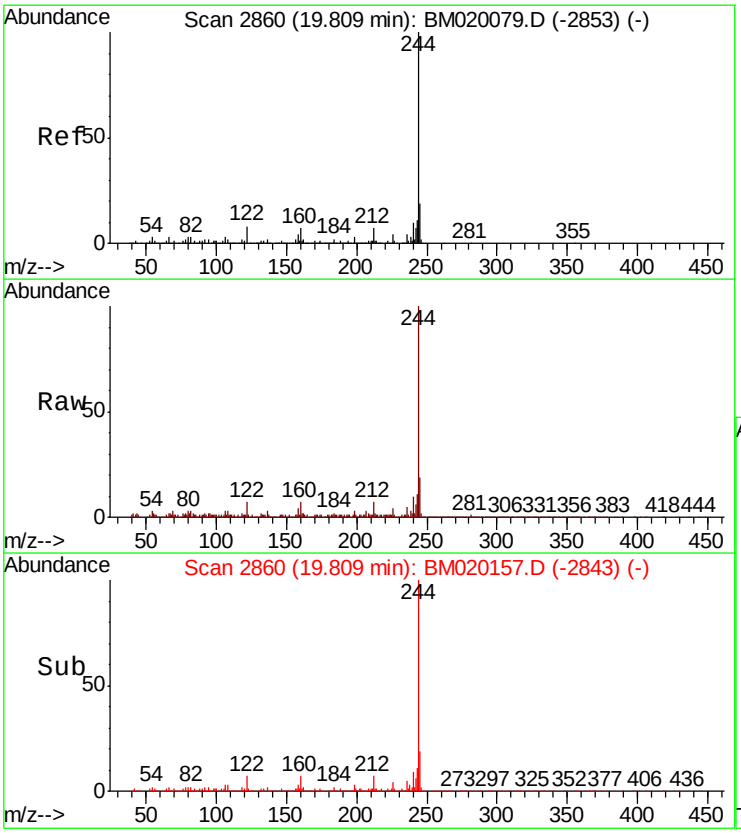
#78
Pyrene
Concen: 27.448 ng
RT: 19.61 min Scan# 2826
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:202 Resp: 1392541

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.9	13.9	20.9

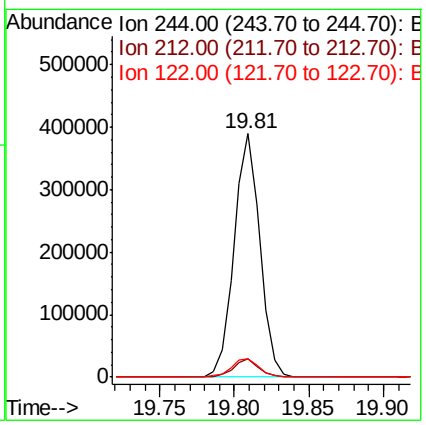


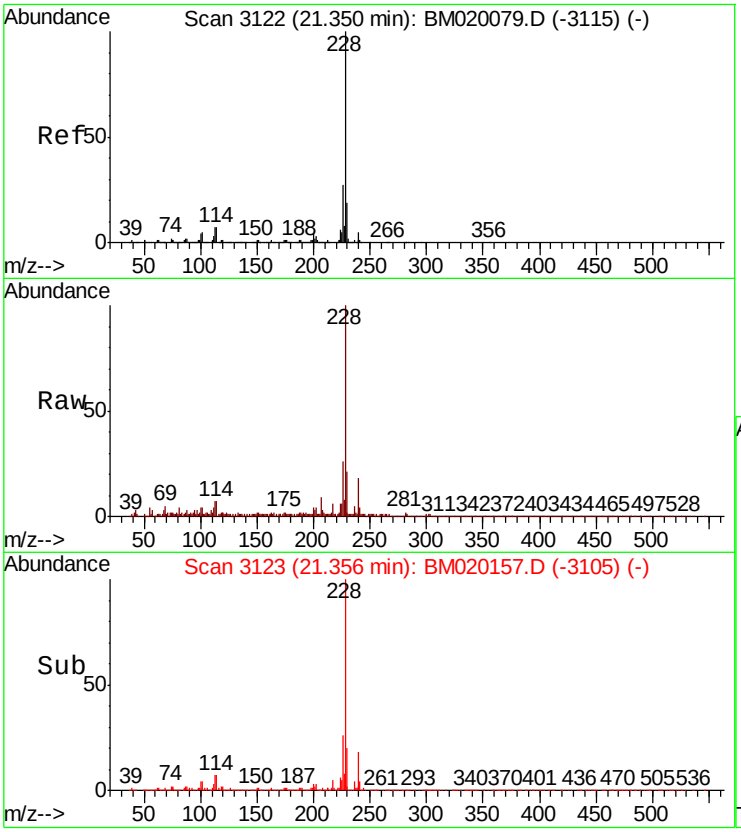


#79
Terphenyl-d14
Concen: 10.761 ng
RT: 19.81 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:244 Resp: 466189

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	7.4	6.2	9.2



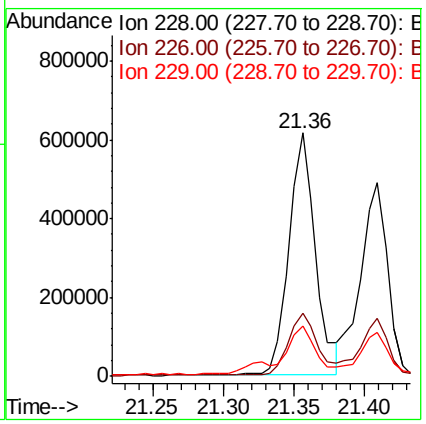


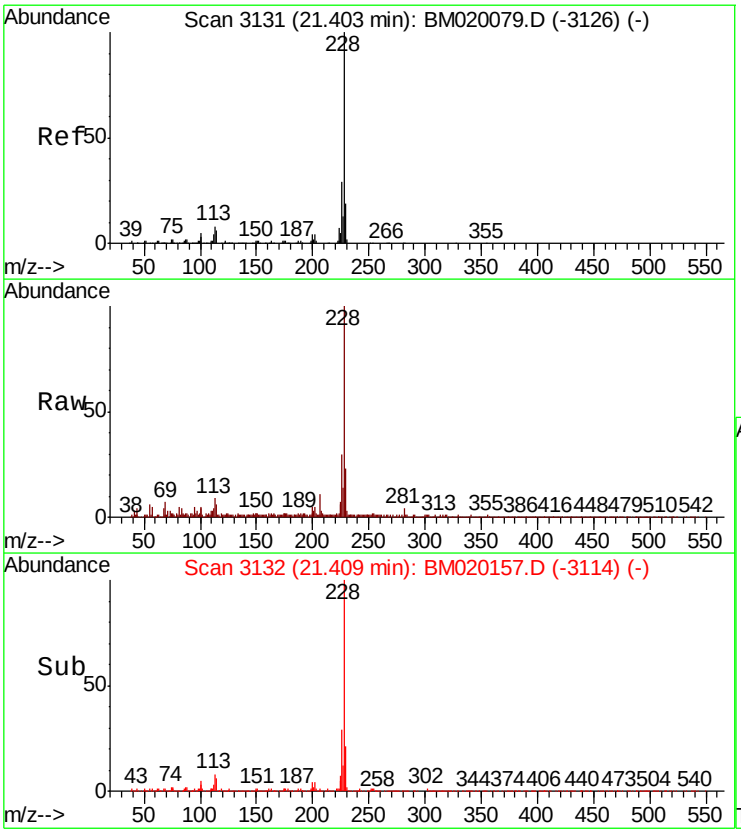
#81
Benzo(a)anthracene
Concen: 15.164 ng
RT: 21.36 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:228 Resp: 803625

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	20.6	15.5	23.3

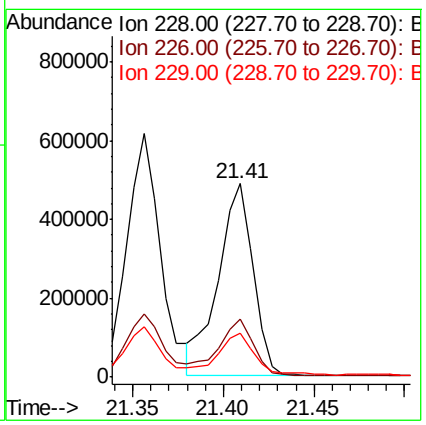


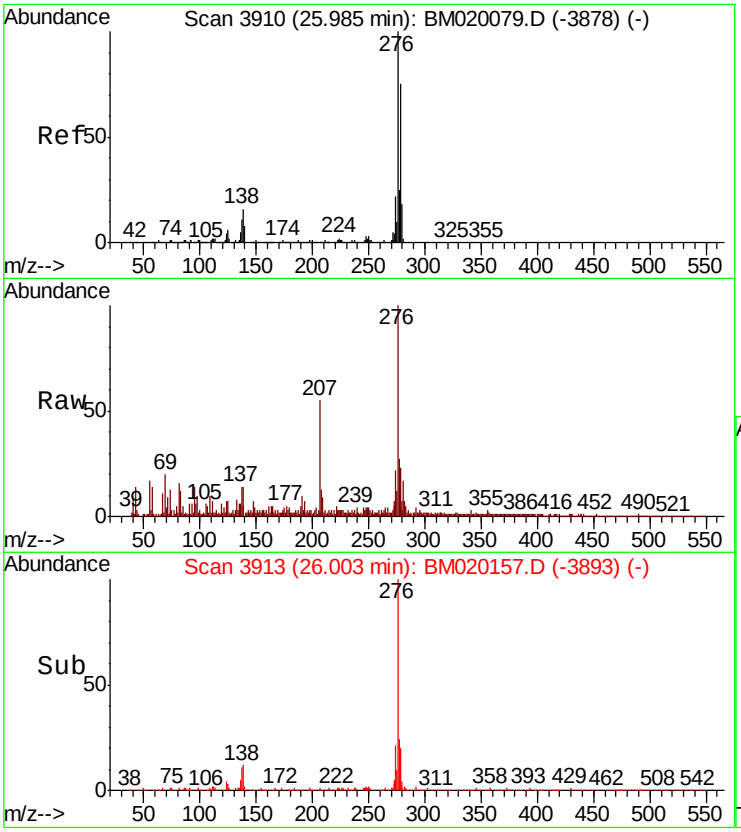


#83
Chrysene
Concen: 12.740 ng
RT: 21.41 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:228 Resp: 654776

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.6
229	22.8	15.5	23.3



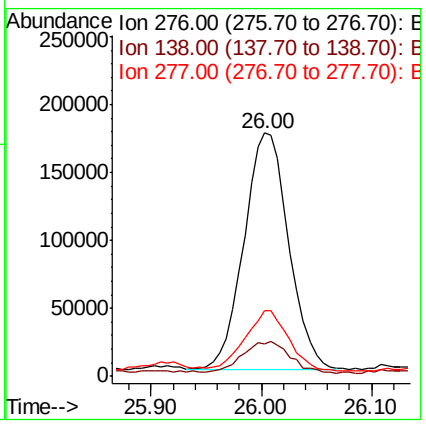


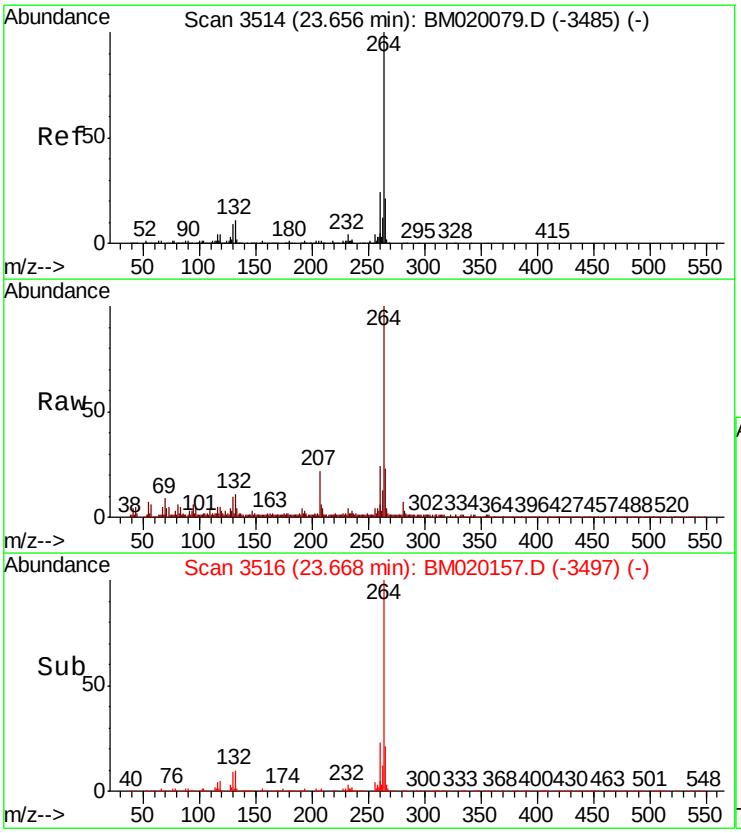
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.059 ng
RT: 26.00 min Scan# 3913
Delta R.T. 0.02 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:276 Resp: 492686

Ion	Ratio	Lower	Upper
276	100		
138	14.0	0.0	0.0#
277	25.3	0.0	0.0#

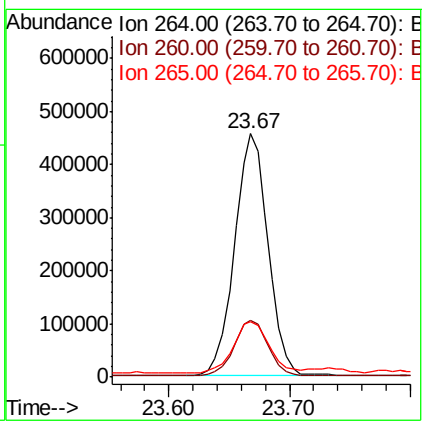


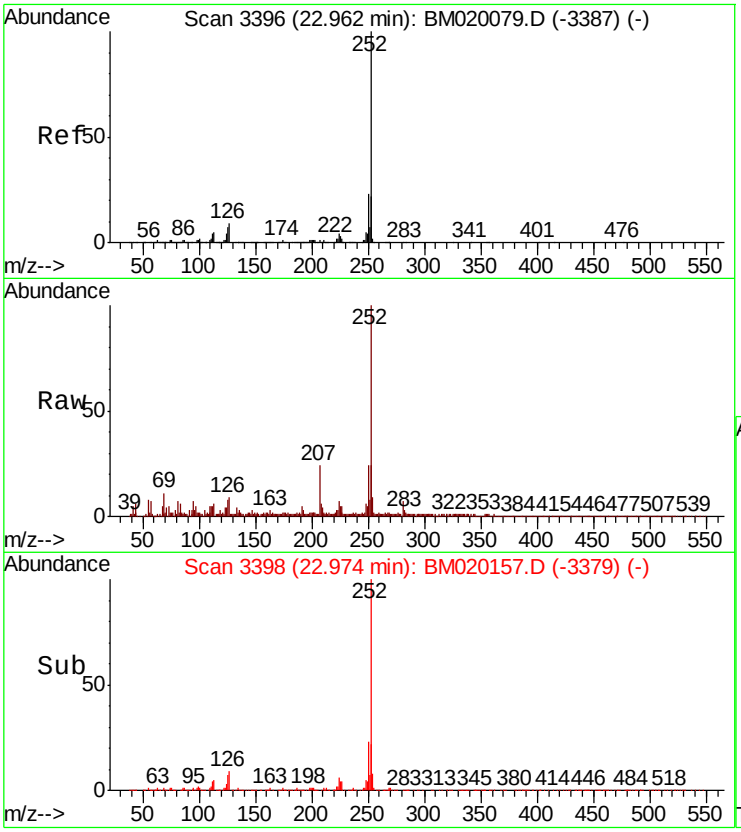


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:264 Resp: 876498

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.8	16.9	25.3



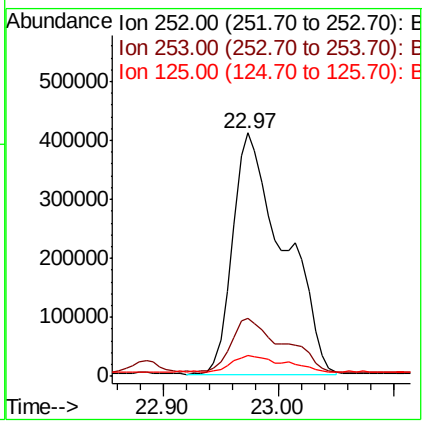


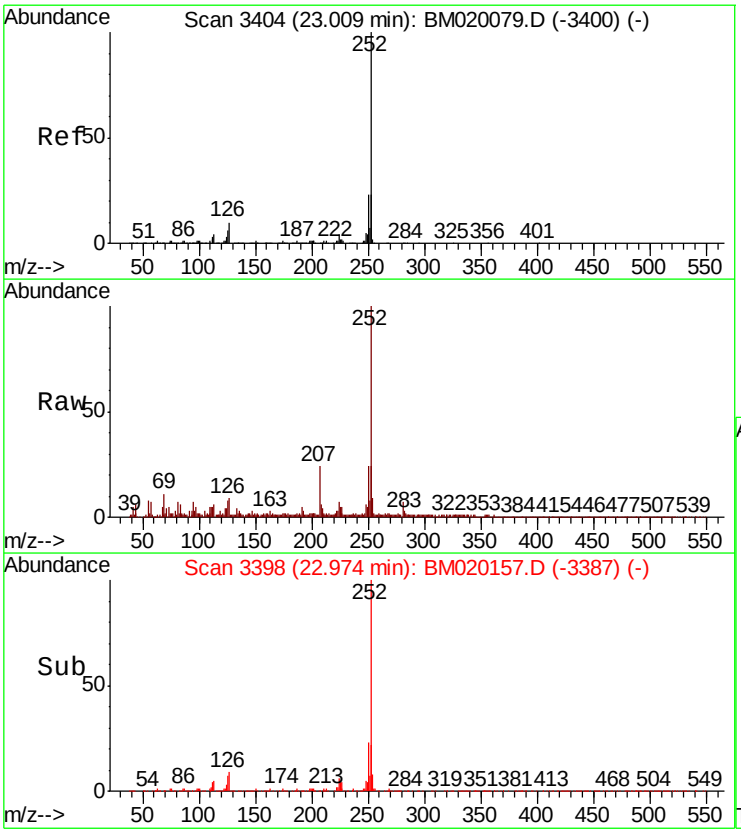
#88
Benzo(b)fluoranthene
Concen: 21.678 ng
RT: 22.97 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:252 Resp: 1254691

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	8.4	5.4	8.2#

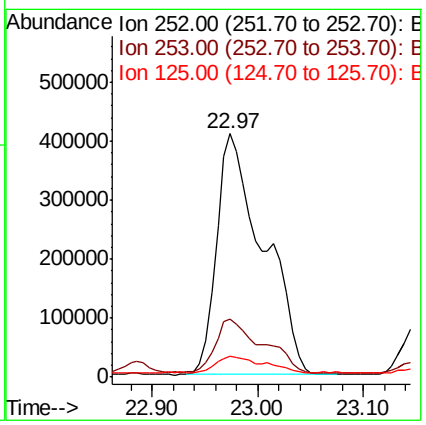


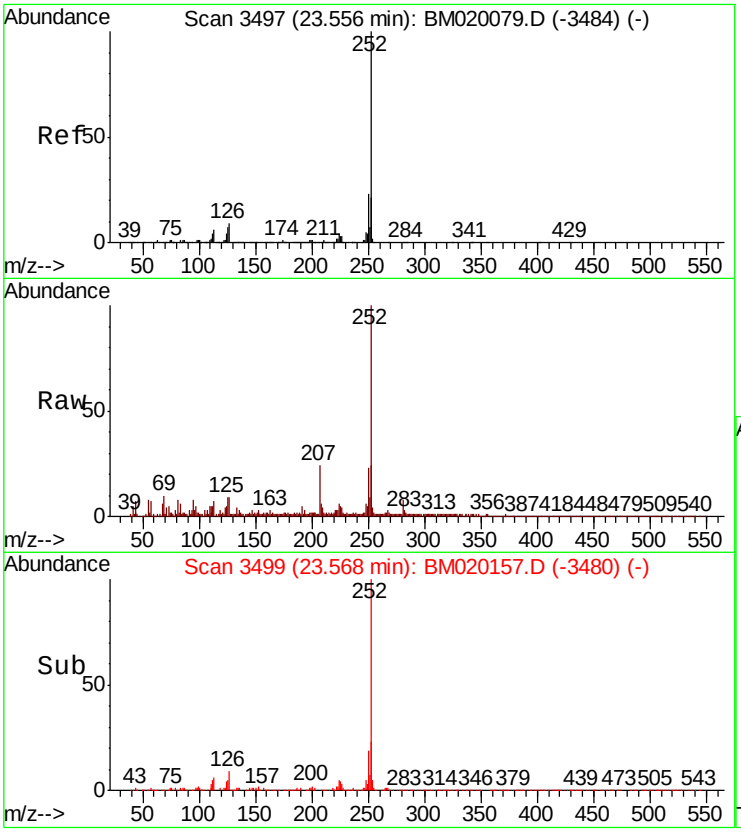


#89
Benzo(k)fluoranthene
Concen: 23.673 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.04 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:252 Resp: 1249850

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	8.4	5.4	8.0#



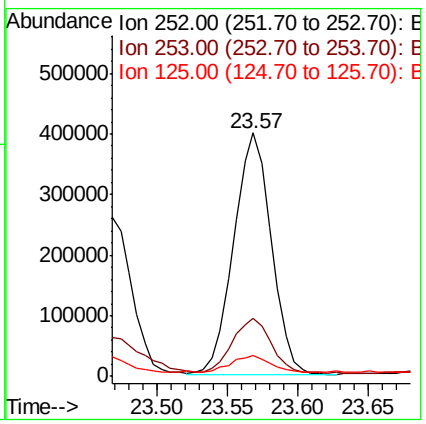


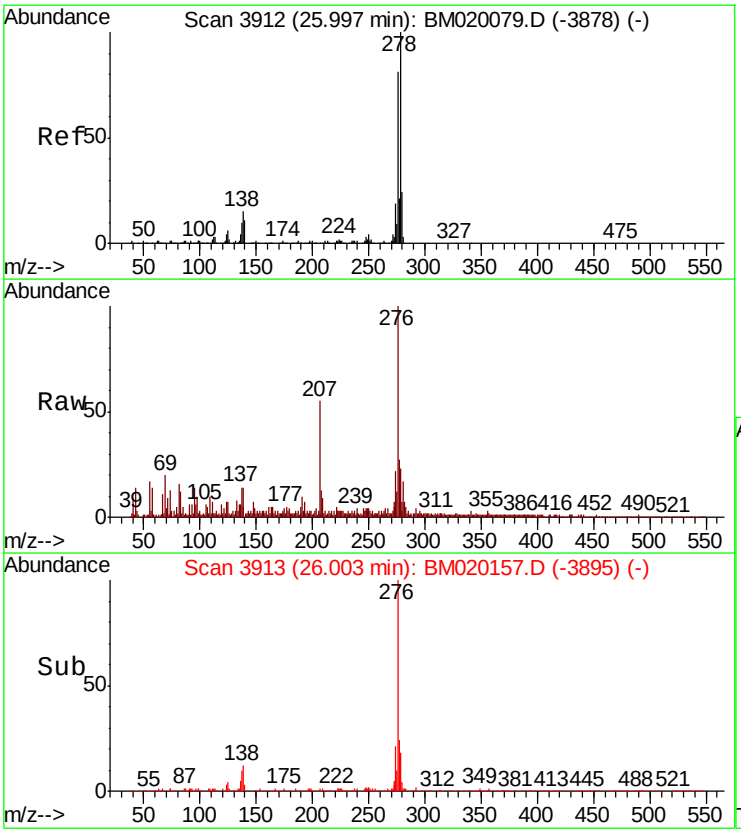
#90
Benzo(a)pyrene
Concen: 14.028 ng
RT: 23.57 min Scan# 3499
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:252 Resp: 737518

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	8.8	5.5	8.3#

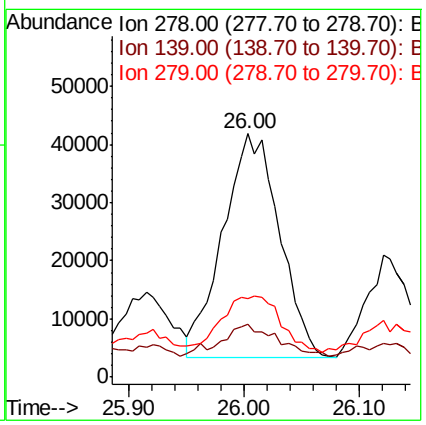


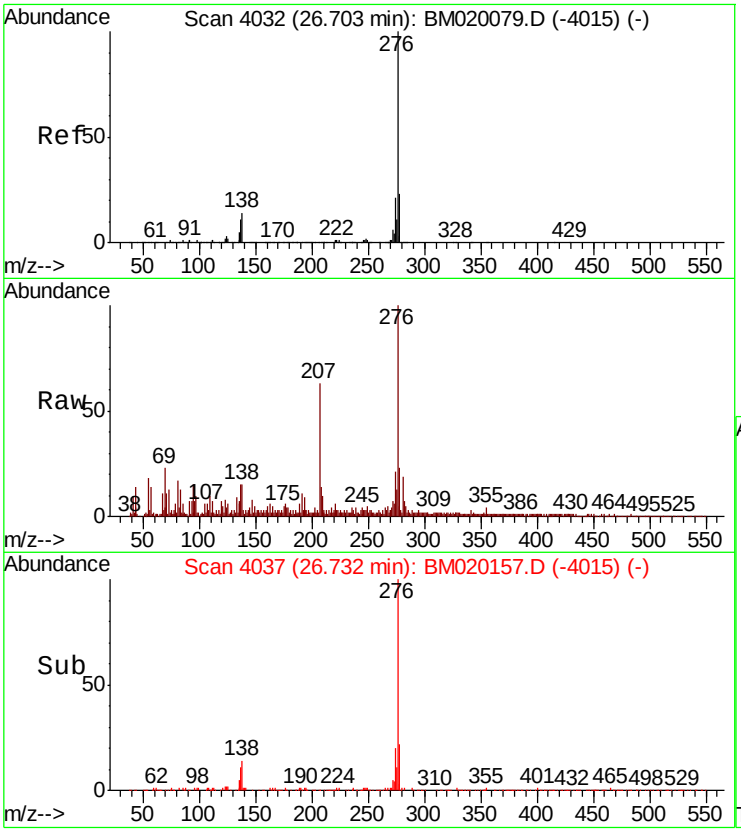


#91
Dibenzo(a,h)anthracene
Concen: 2.395 ng
RT: 26.00 min Scan# 3913
Delta R.T. 0.01 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Tgt Ion:278 Resp: 130958

Ion	Ratio	Lower	Upper
278	100		
139	21.6	8.6	13.0#
279	32.1	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 9.537 ng
RT: 26.73 min Scan# 4037
Delta R.T. 0.03 min
Lab File: BM020157.D
Acq: 07 May 2019 07:02

Instrument :
BNA_M
ClientSampleId :
SP-01-COMP

Tgt Ion:276 Resp: 495059

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	15.5	11.1	16.7