Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020154.D
Acq On : 07 May 2019 05:14
Operator : JU/SJ
Sample : K2673-04 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-12-COMP

Quant Time: May 07 06:40:04 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	209138	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	763002	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	400311	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	821238	20.00	ng		0.00
76) Chrysene-d12	21.37	240	791982	20.00	ng		0.00
87) Perylene-d12	23.66	264	926562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	178838	13.98	ng		0.00
7) Phenol-d6	6.96	99	262901	15.04	ng		0.00
23) Nitrobenzene-d5	8.96	82	163651	8.47	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	75784	12.20	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	320286	9.84	ng		0.00
79) Terphenyl-d14	19.80	244	366740	8.08	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.85	122	190	6.633	ng	#	69
71) Phenanthrene	17.23	178	209263	4.616	ng		98
75) Fluoranthene	19.24	202	378756	6.603	ng		98
78) Pyrene	19.61	202	341745	6.427	ng		100
81) Benzo(a)anthracene	21.35	228	204719	3.686	ng		95
83) Chrysene	21.35	228	199067	3.696	ng		97
84) Bis(2-ethylhexyl)phthalate	21.27	149	239419	7.979	ng	#	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	159965	2.497	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	280391	4.583	ng	#	87
89) Benzo(k)fluoranthene	22.97	252	278569	4.991	ng	#	88
90) Benzo(a)pyrene	23.56	252	209716	3.773	ng	#	86
92) Benzo(g,h,i)perylene	26.72	276	166087	3.027	ng		92

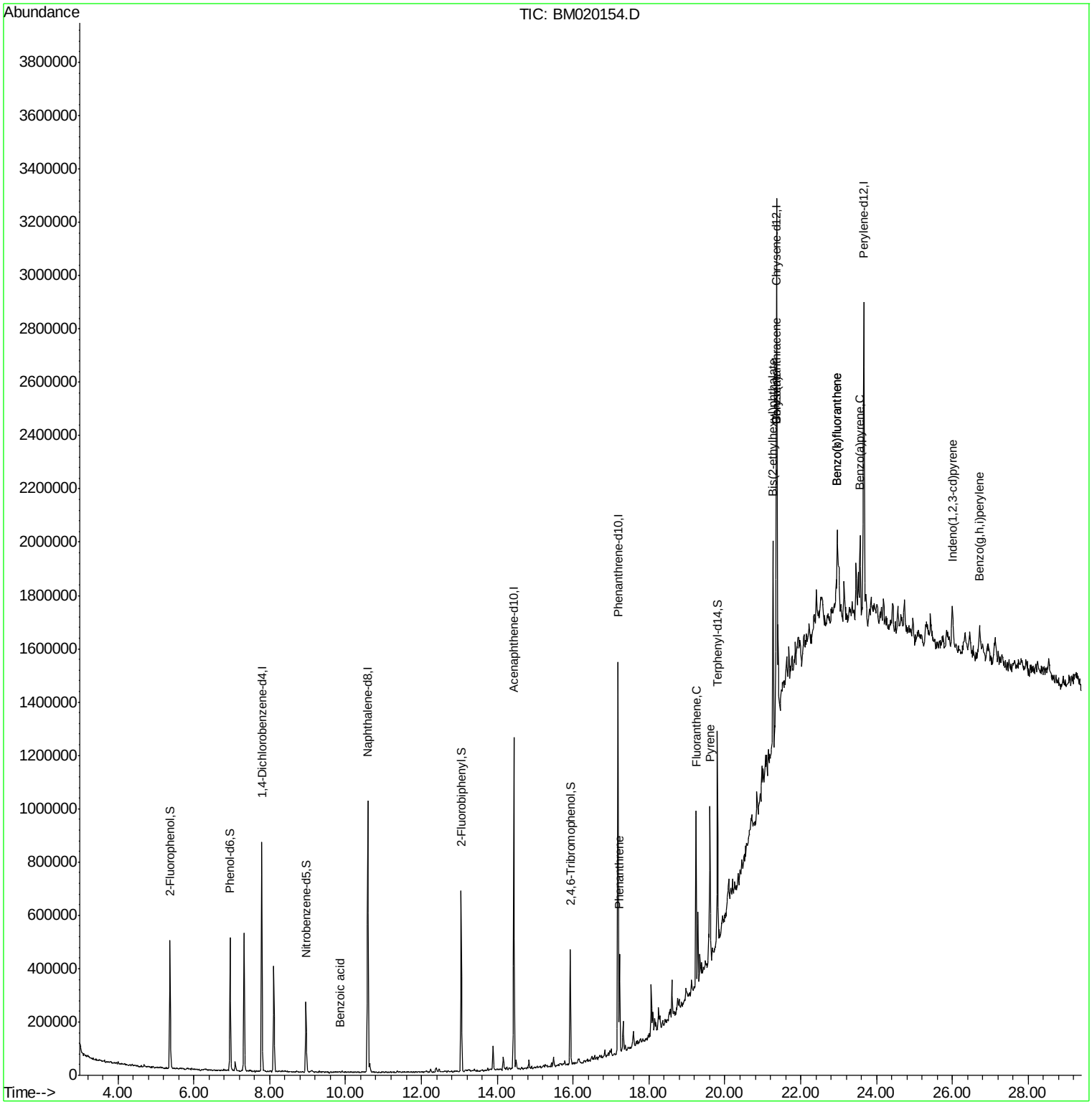
(#) = qualifier out of range (m) = manual integration (+) = signals summed

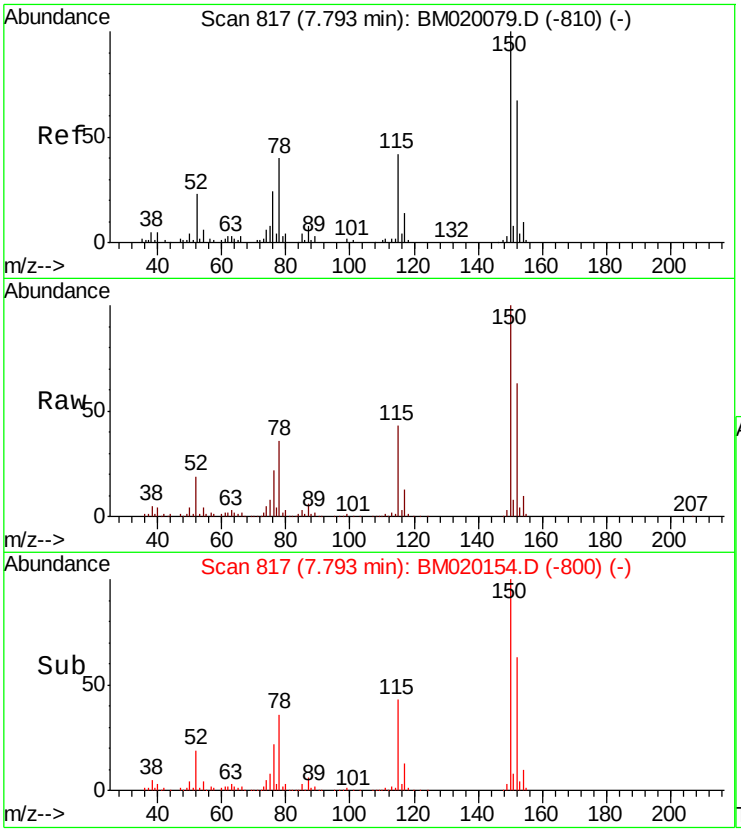
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
Data File : BM020154.D
Acq On : 07 May 2019 05:14
Operator : JU/SJ
Sample : K2673-04 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Quant Time: May 07 06:40:04 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



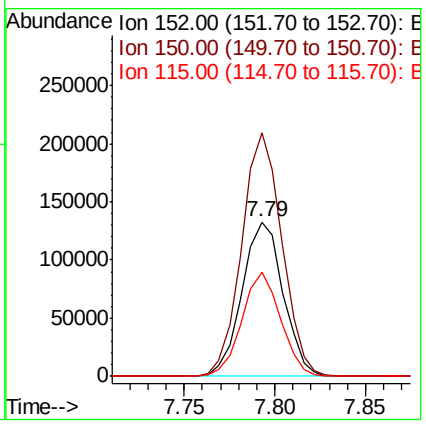


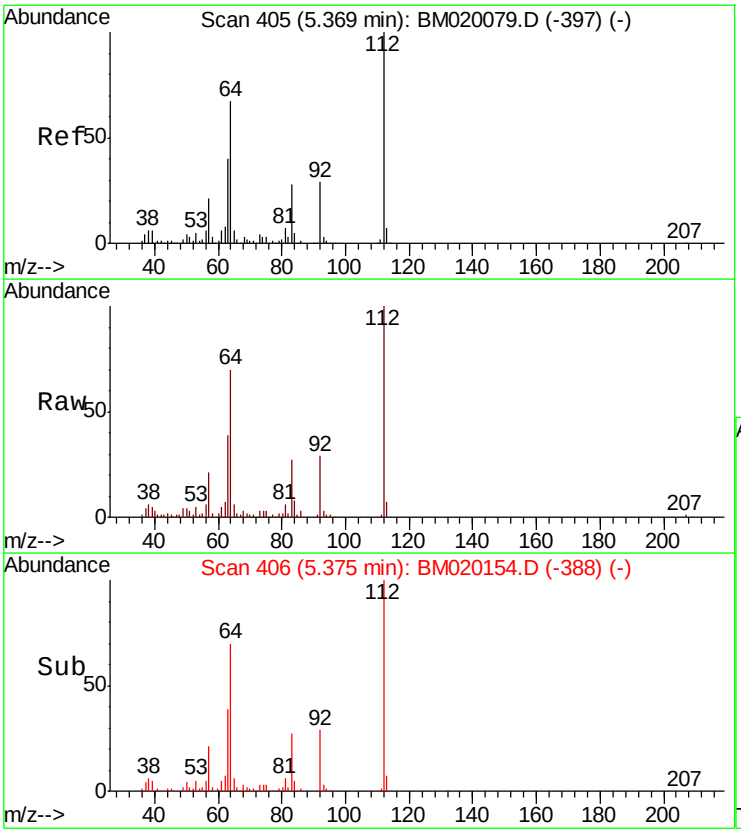
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:152 Resp: 209138

Ion	Ratio	Lower	Upper
152	100		
150	157.6	119.8	179.8
115	67.6	50.8	76.2

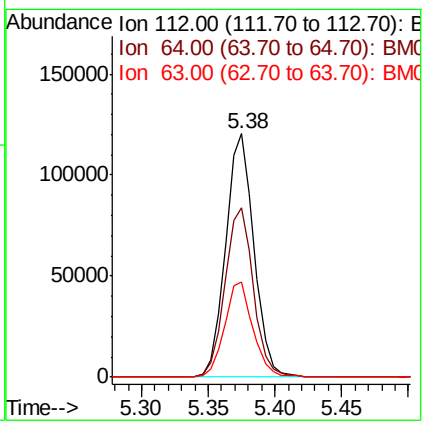


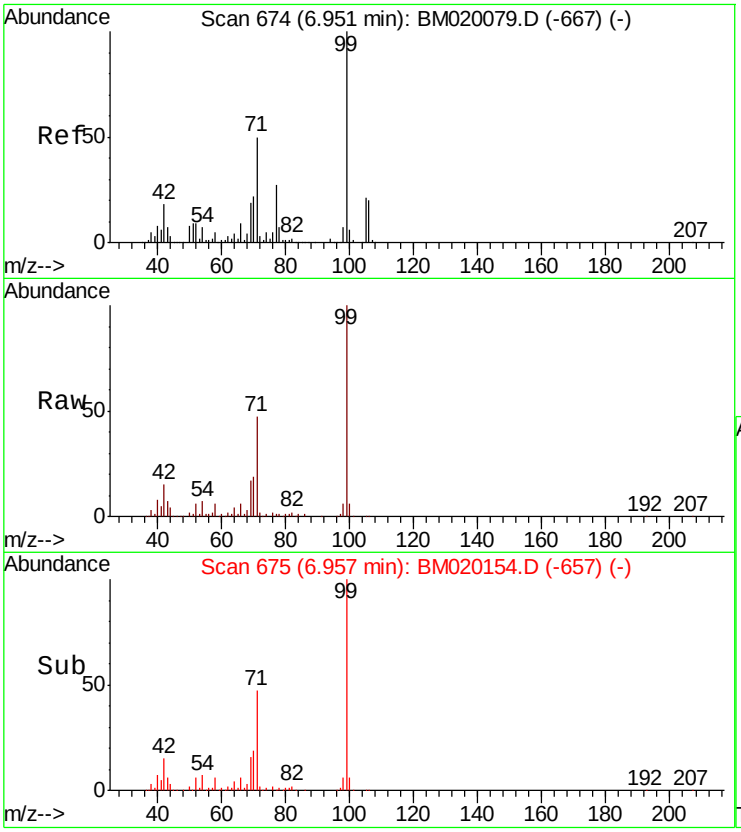


#5
2-Fluorophenol
Concen: 13.978 ng
RT: 5.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:112 Resp: 178838

Ion	Ratio	Lower	Upper
112	100		
64	69.7	53.8	80.6
63	38.9	32.3	48.5



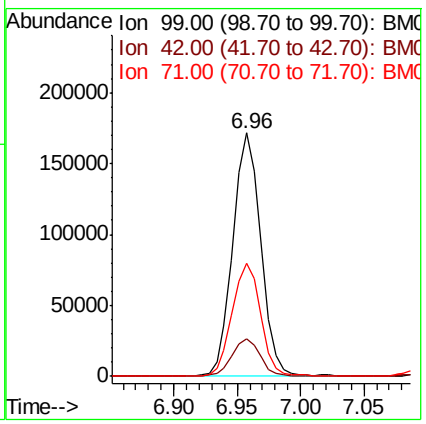


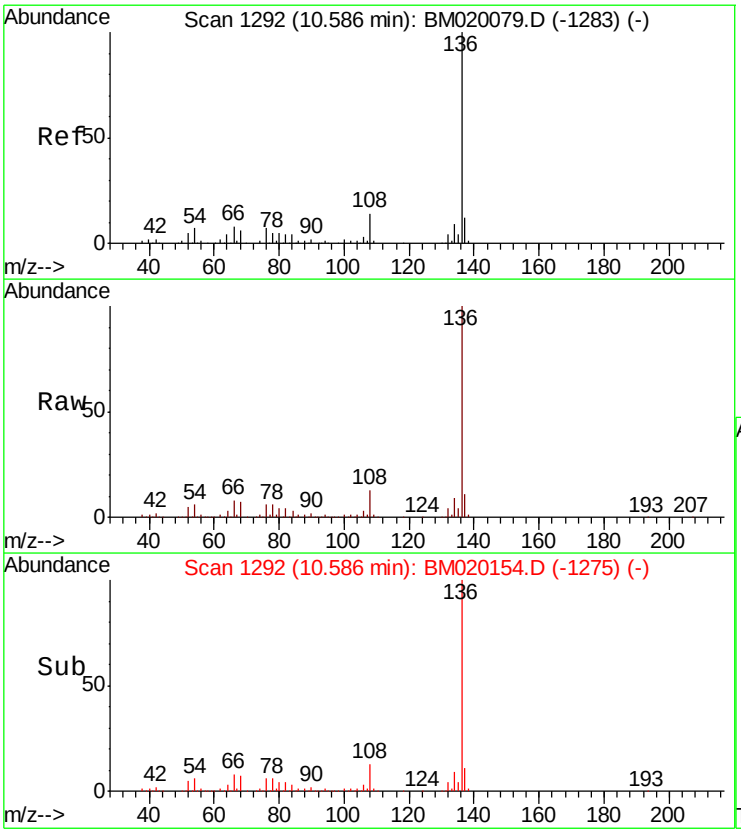
#7
Phenol-d6
Concen: 15.041 ng
RT: 6.96 min Scan# 675
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion: 99 Resp: 262901

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.2	21.2
71	46.7	40.3	60.5

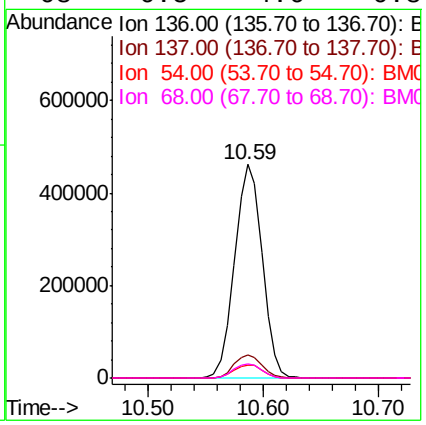


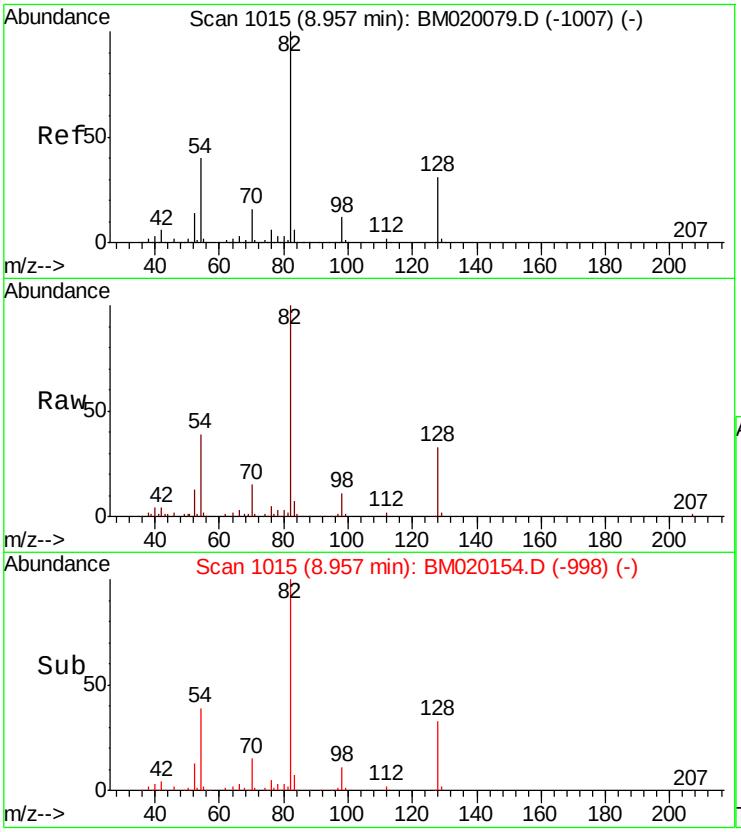


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:136 Resp: 763002

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	6.2	5.5	8.3
68	6.5	4.6	6.8



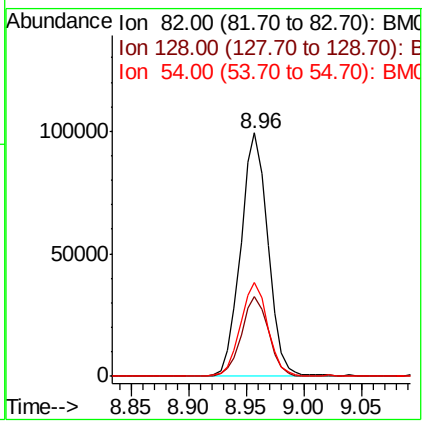


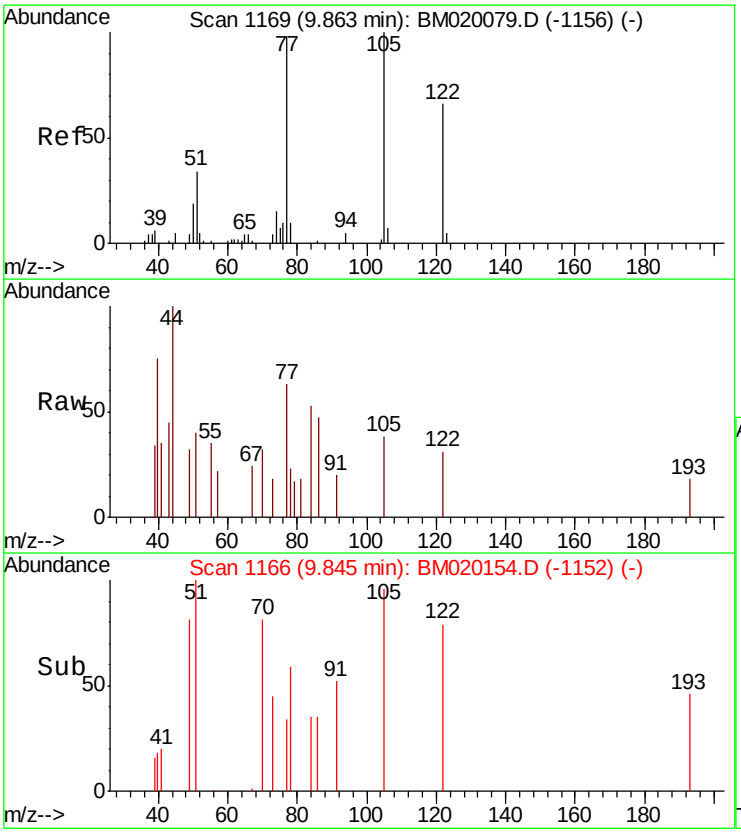
#23
Nitrobenzene-d5
Concen: 8.468 ng
RT: 8.96 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion: 82 Resp: 163651

Ion	Ratio	Lower	Upper
82	100		
128	33.0	25.2	37.8
54	38.6	31.9	47.9

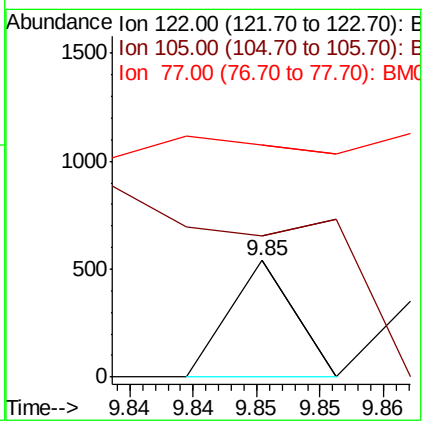


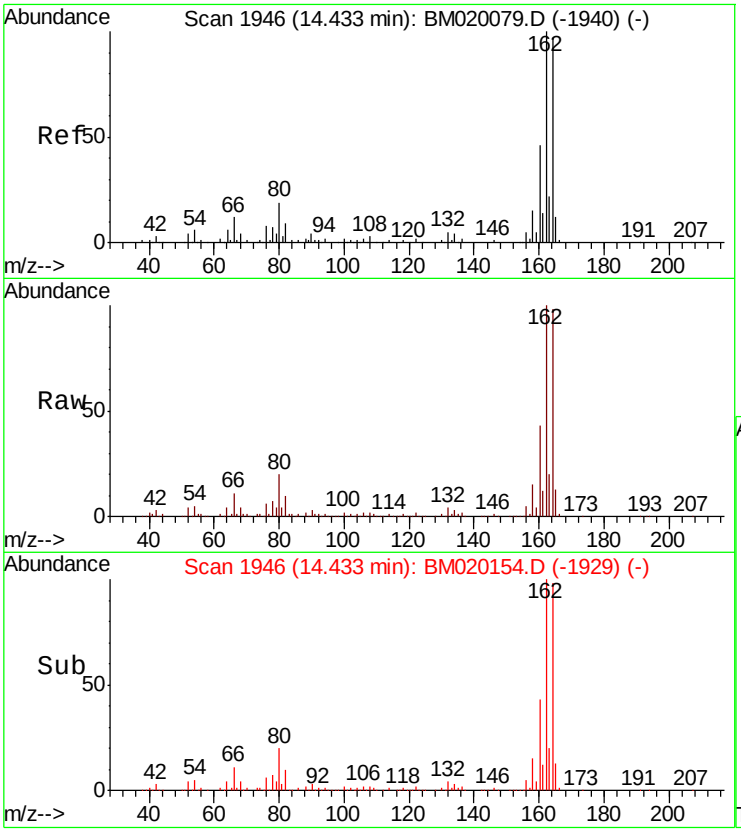


#32
Benzoic acid
Concen: 6.633 ng
RT: 9.85 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:122 Resp: 190

Ion	Ratio	Lower	Upper
122	100		
105	121.2	122.5	162.5#
77	199.4	123.3	163.3#



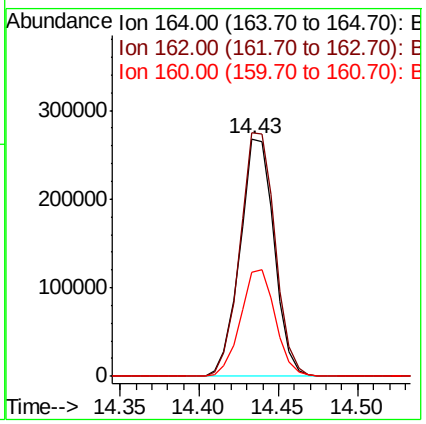


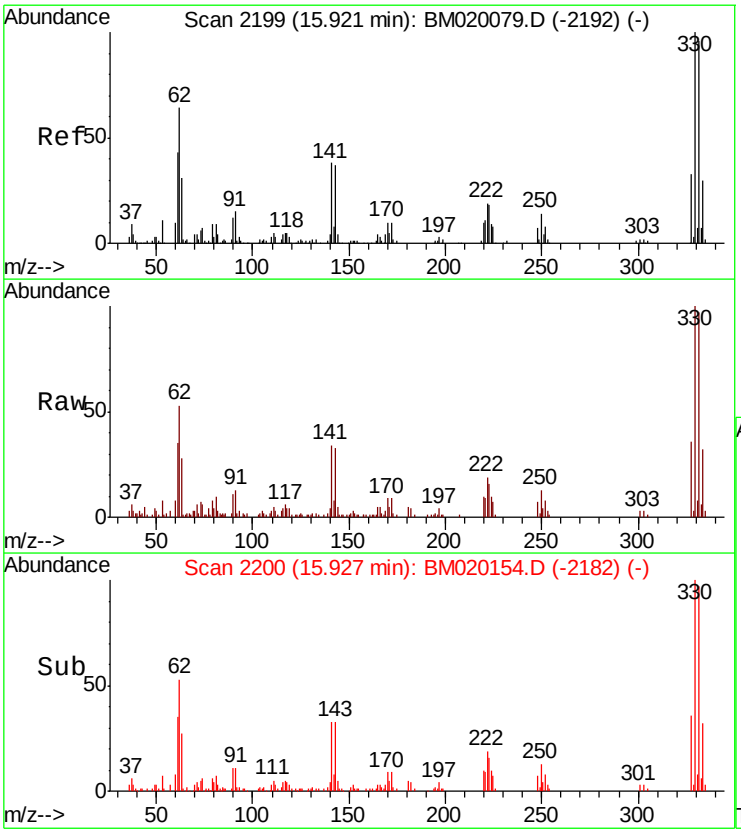
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:164 Resp: 400311

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.2
160	43.7	37.6	56.4

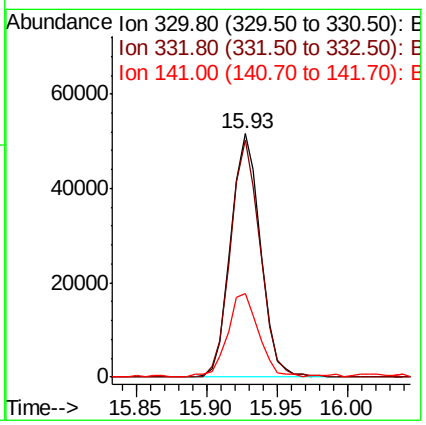


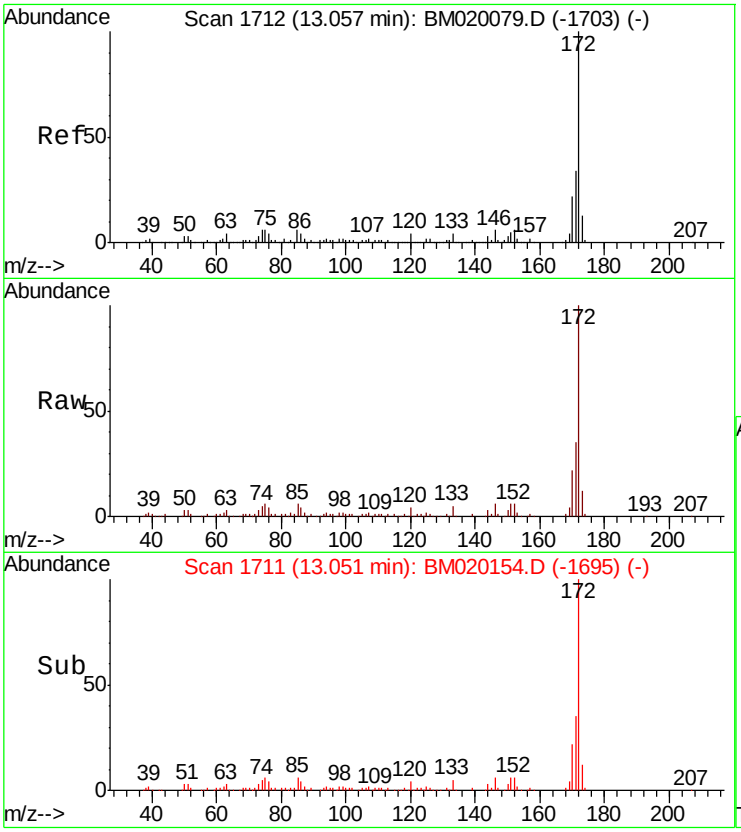


#42
2,4,6-Tribromophenol
Concen: 12.197 ng
RT: 15.93 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:330 Resp: 75784

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	36.2	29.2	43.8



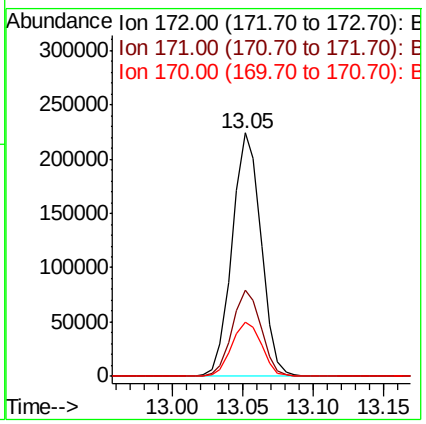


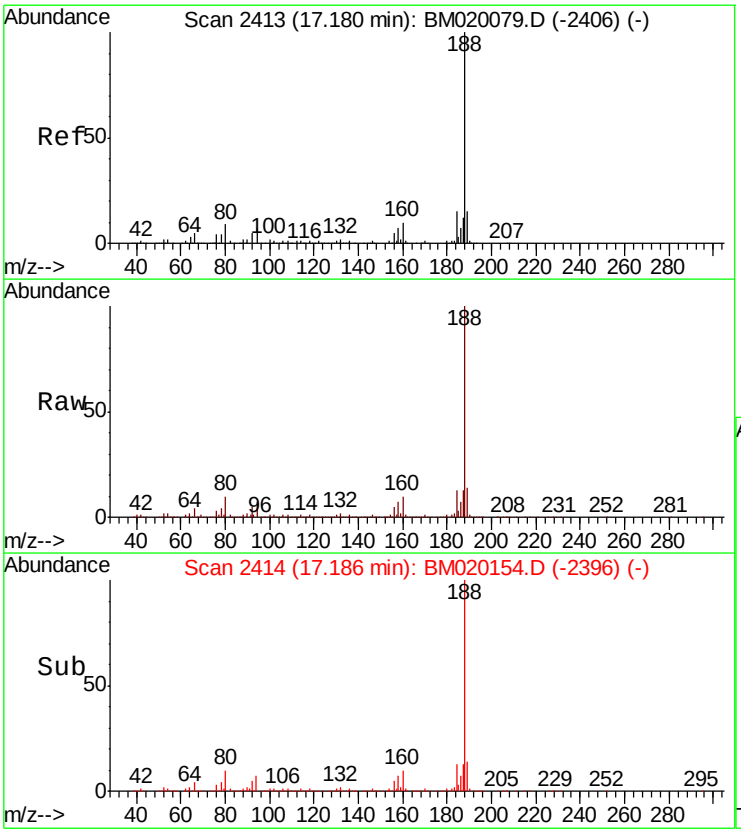
#45
2-Fluorobiphenyl
Concen: 9.844 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:172 Resp: 320286

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	22.3	17.9	26.9

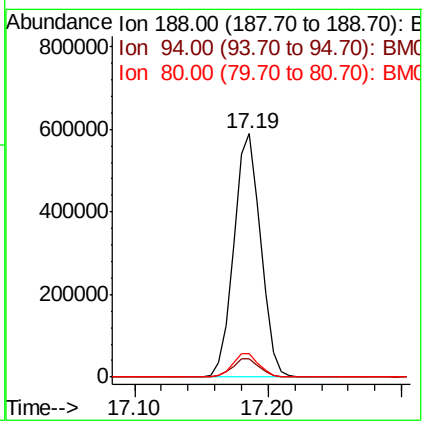


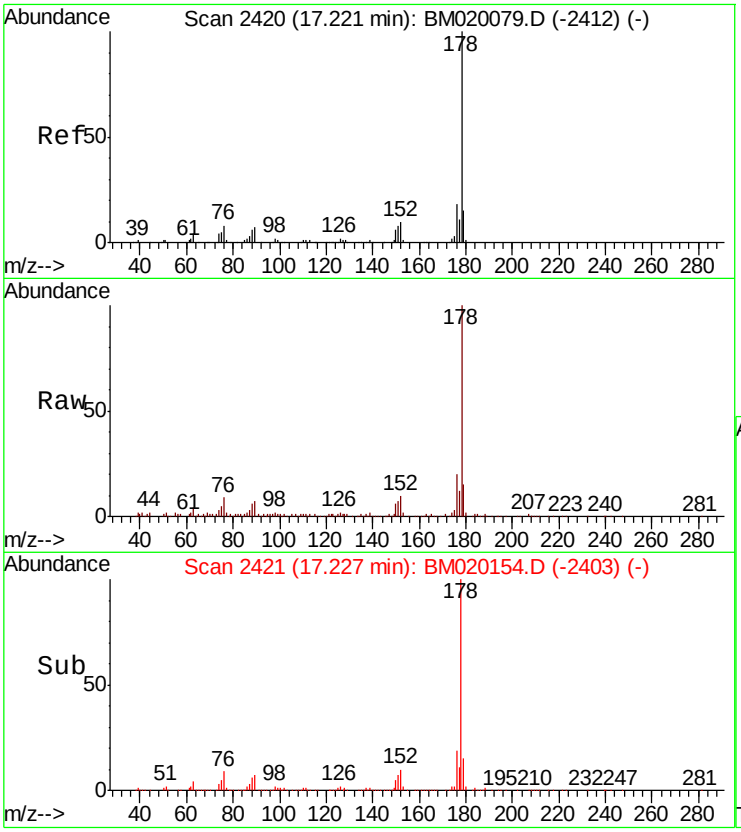


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:188 Resp: 821238

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



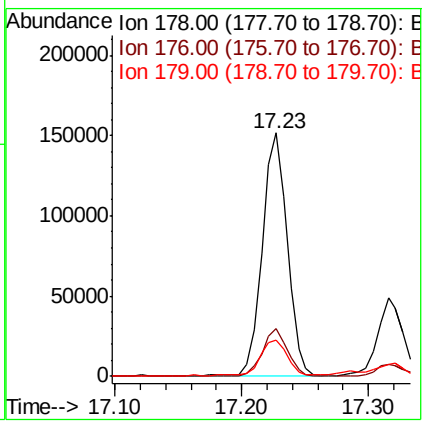


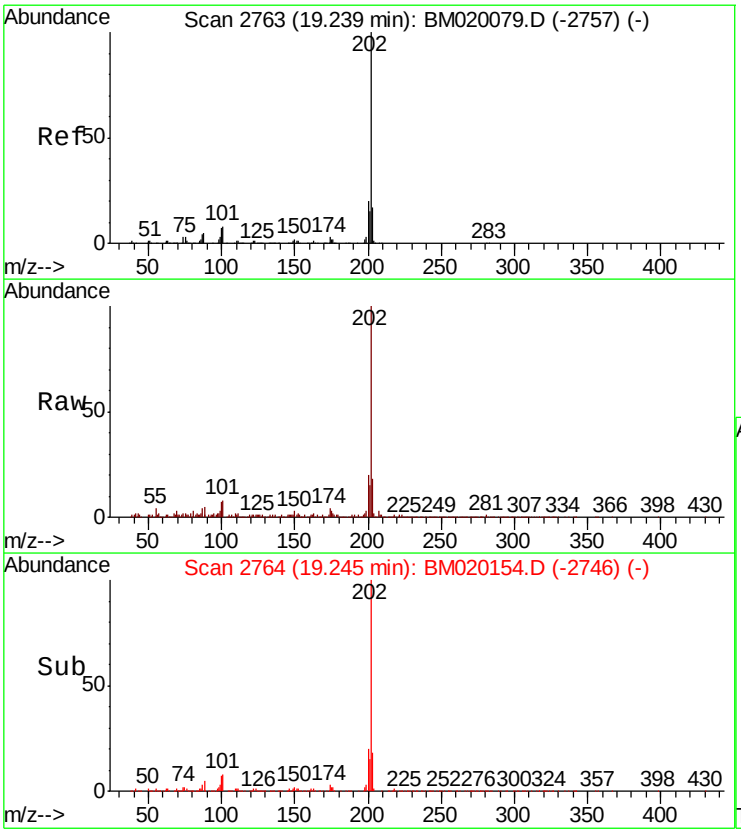
#71
Phenanthrene
Concen: 4.616 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:178 Resp: 209263

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	21.8
179	15.1	12.4	18.6

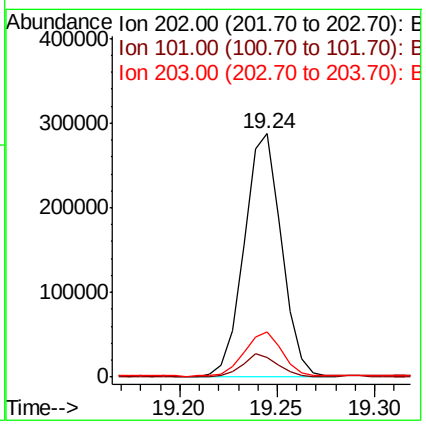


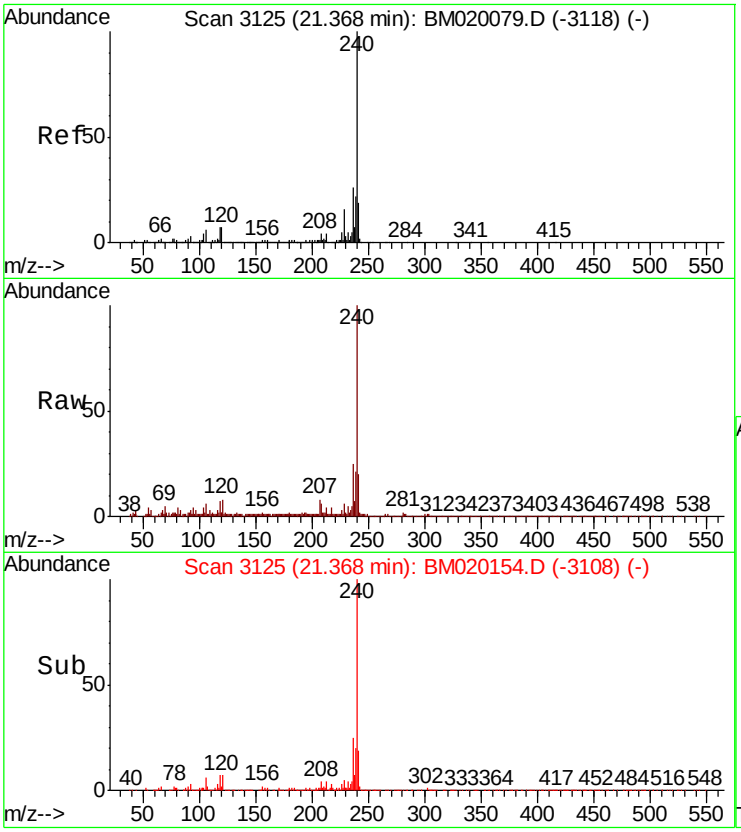


#75
Fluoranthene
Concen: 6.603 ng
RT: 19.24 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:202 Resp: 378756

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.4
203	18.4	0.0	37.4



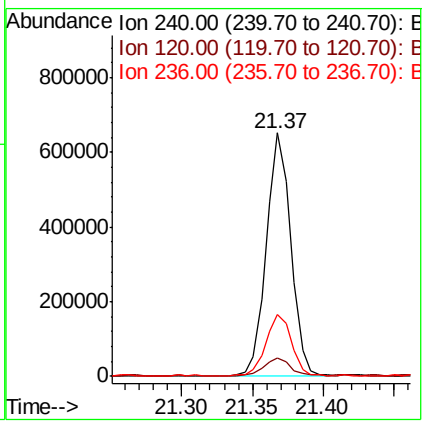


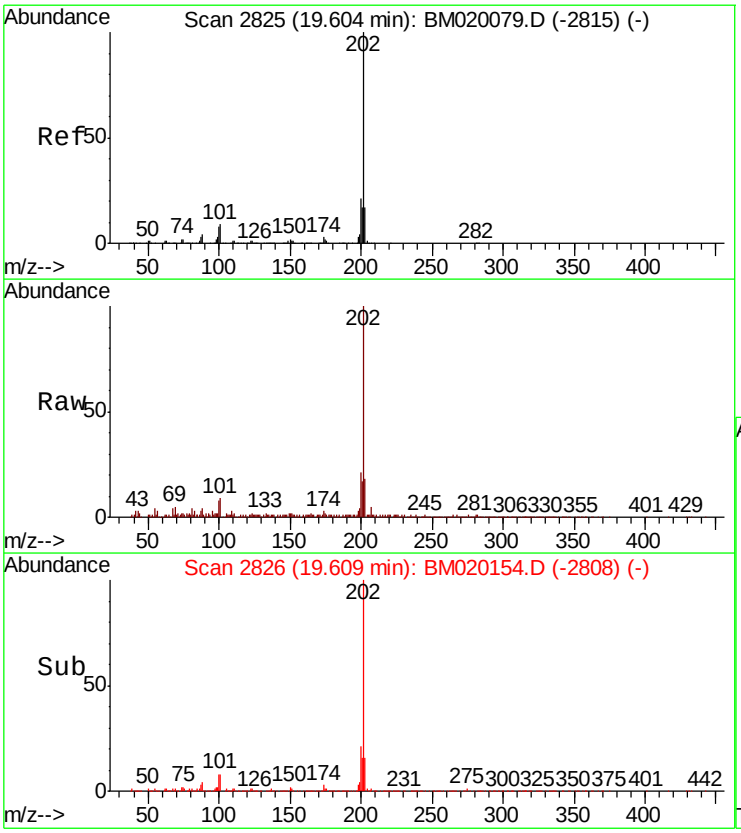
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:240 Resp: 791982

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.6	8.4
236	25.2	20.9	31.3

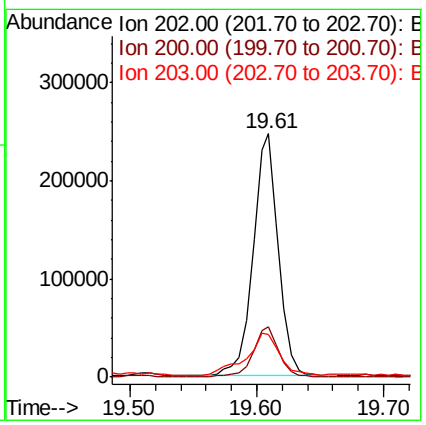


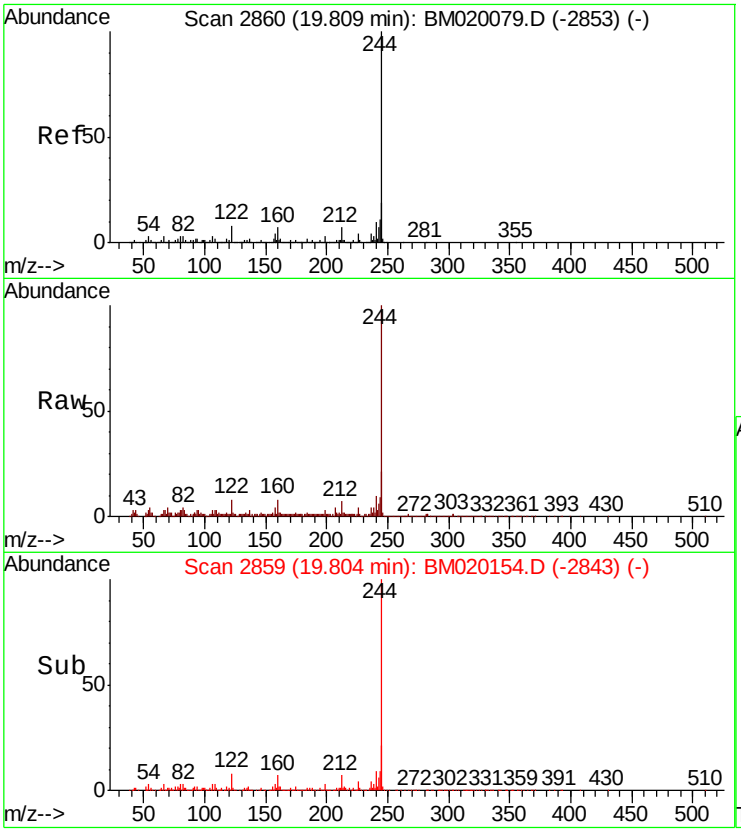


#78
Pyrene
Concen: 6.427 ng
RT: 19.61 min Scan# 2826
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:202 Resp: 341745

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	17.6	13.9	20.9



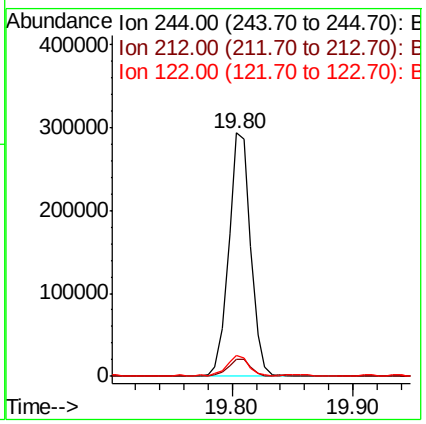


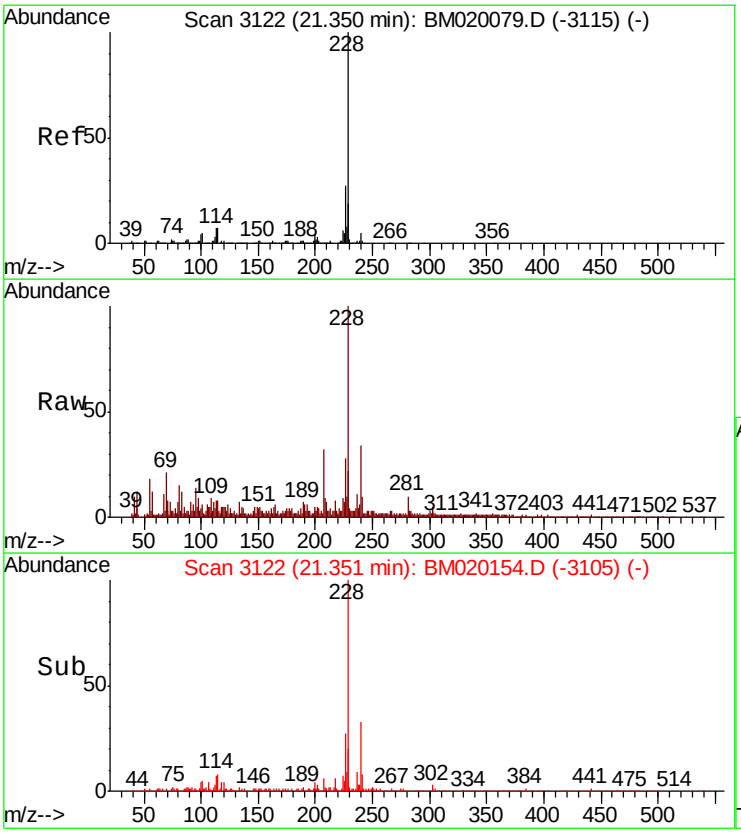
#79
Terphenyl-d14
Concen: 8.077 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:244 Resp: 366740

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.4	6.2	9.2

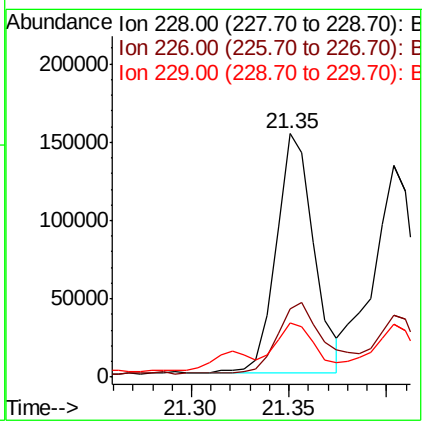


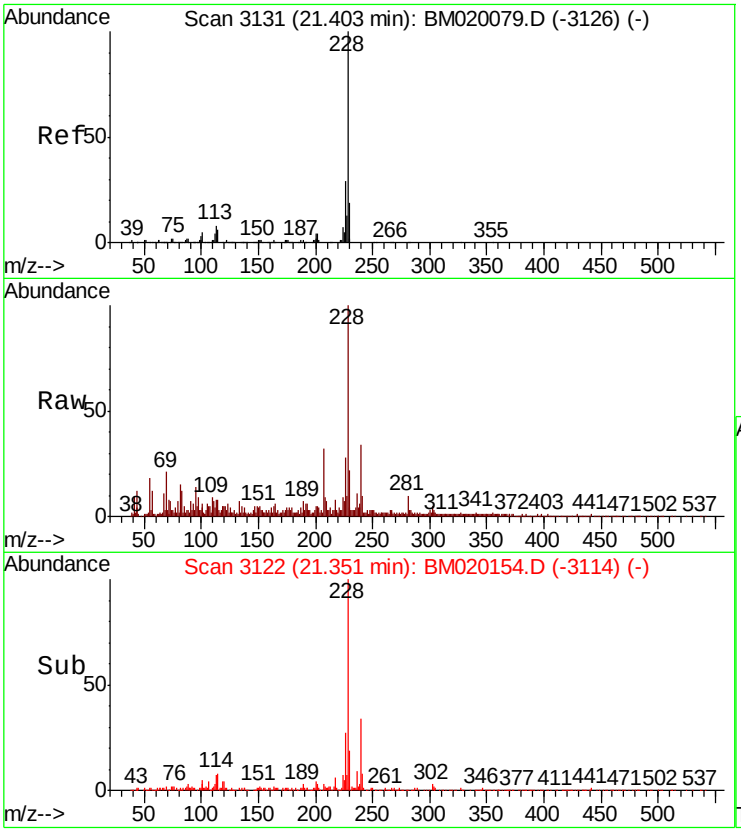


#81
Benzo(a)anthracene
Concen: 3.686 ng
RT: 21.35 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:228 Resp: 204719

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.3	31.9
229	22.3	15.5	23.3



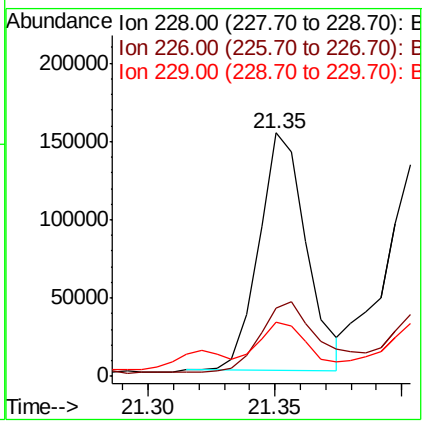


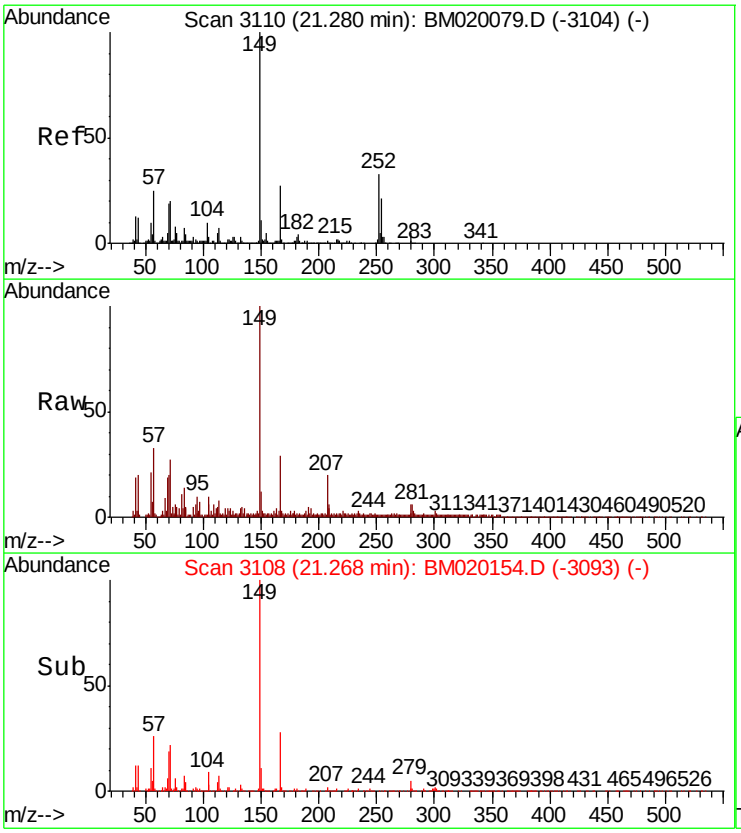
#83
Chrysene
Concen: 3.696 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.05 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:228 Resp: 199067

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.6
229	22.3	15.5	23.3

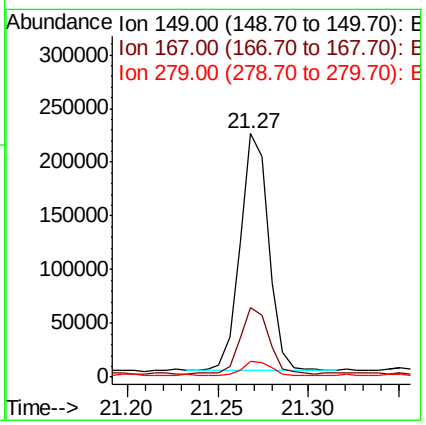


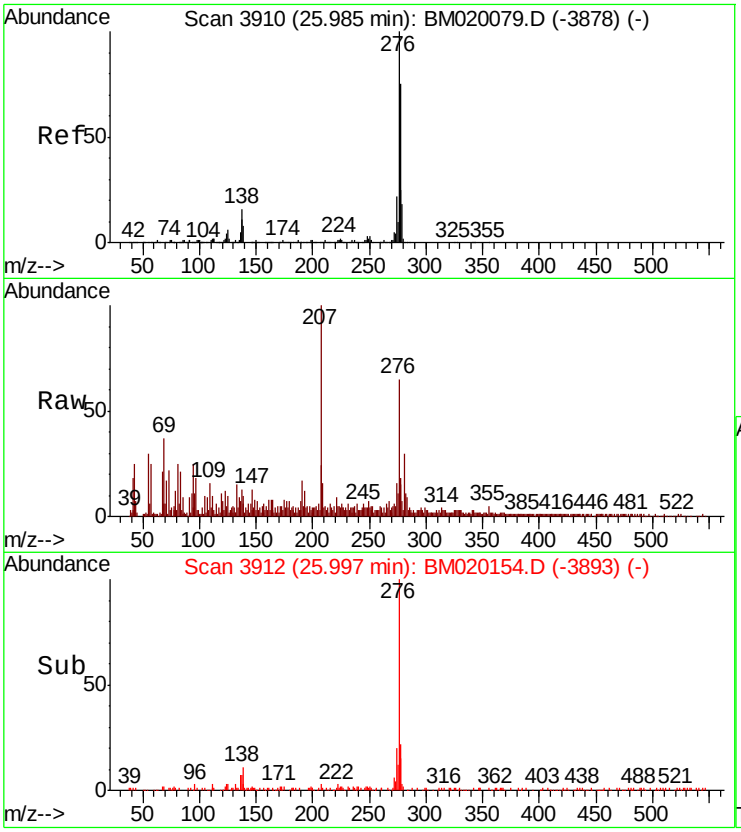


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.979 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:149 Resp: 239419

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.8
279	6.4	4.2	6.2#



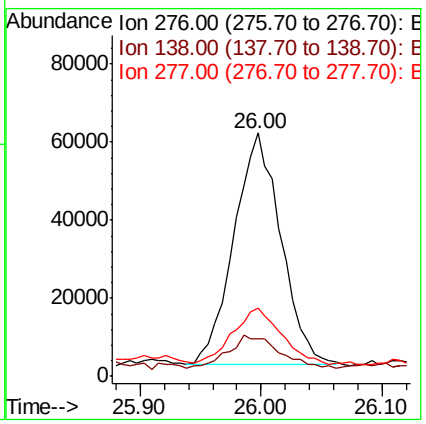


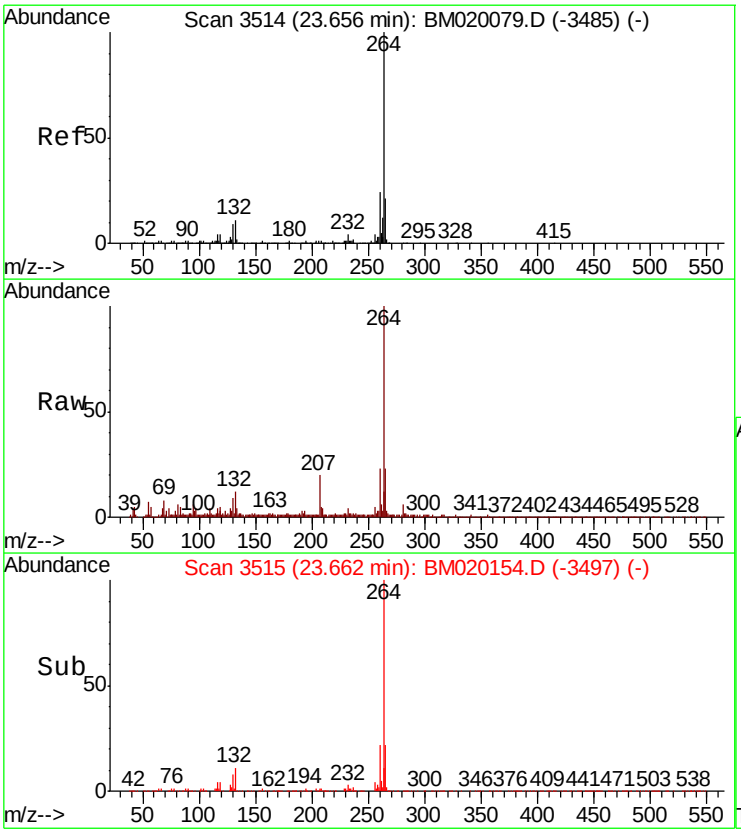
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.497 ng
RT: 26.00 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:276 Resp: 159965

Ion	Ratio	Lower	Upper
276	100		
138	15.2	0.0	0.0#
277	25.0	0.0	0.0#

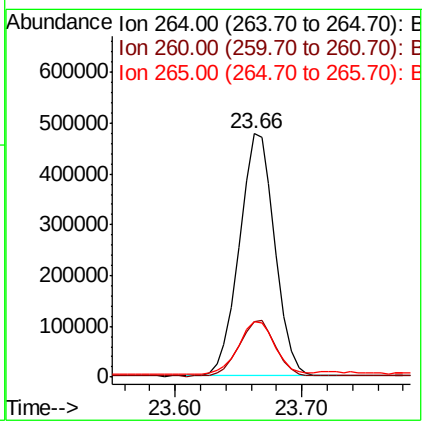


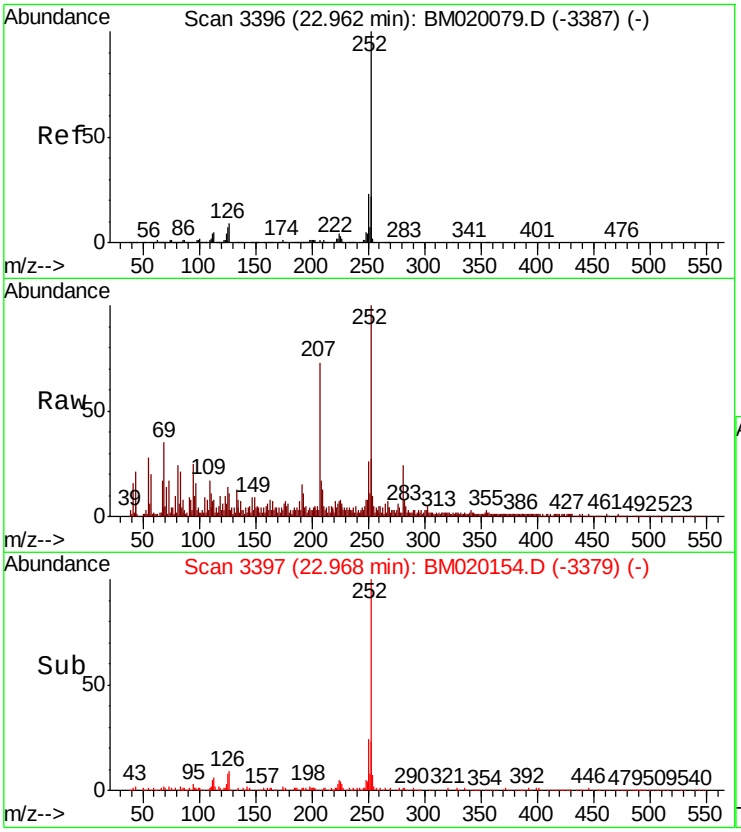


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:264 Resp: 926562

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.7	16.9	25.3



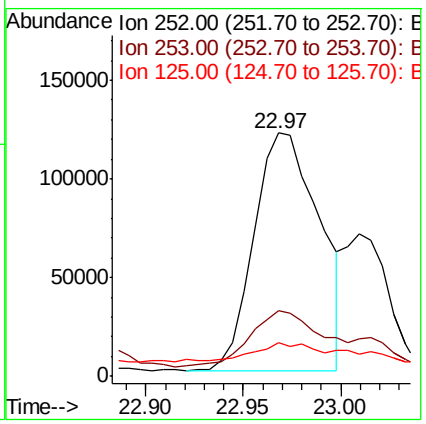


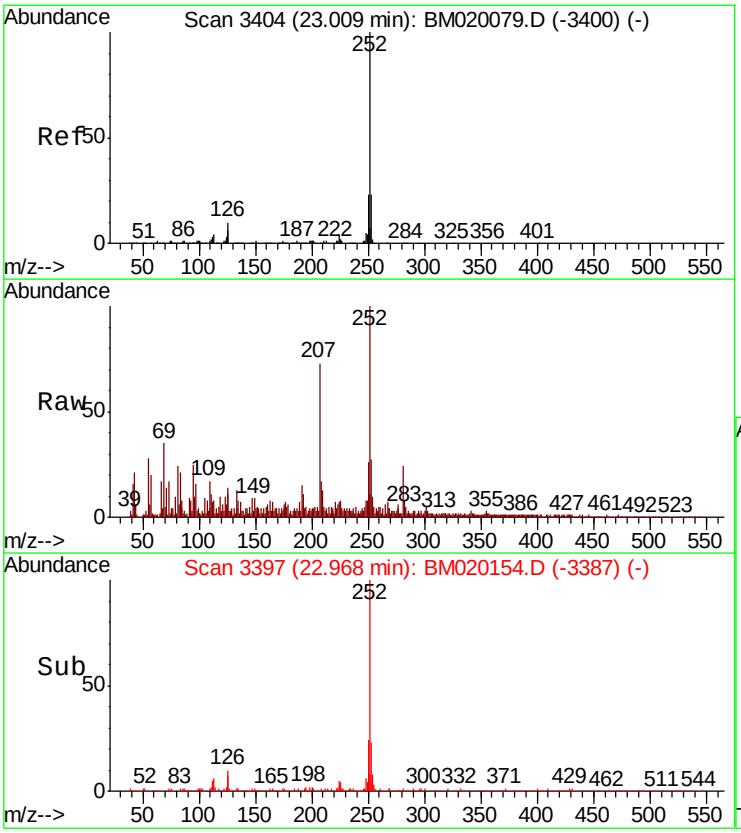
#88
Benzo(b)fluoranthene
Concen: 4.583 ng
RT: 22.97 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:252 Resp: 280391

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.5	26.3#
125	13.7	5.4	8.2#

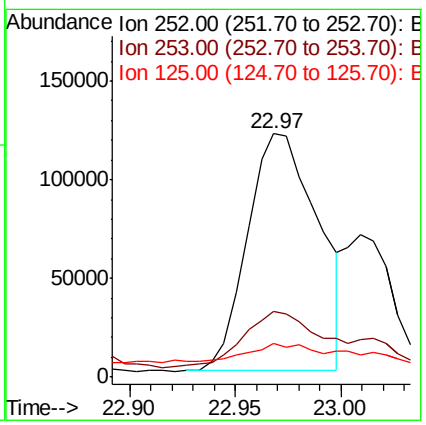


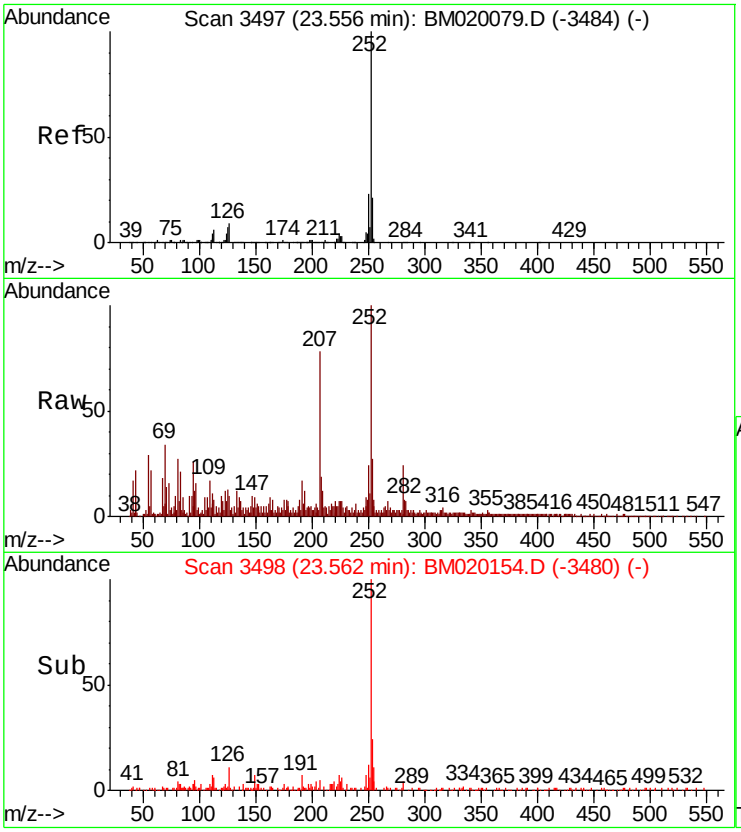


#89
Benzo(k)fluoranthene
Concen: 4.991 ng
RT: 22.97 min Scan# 3397
Delta R.T. -0.04 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:252 Resp: 278569

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.8#
125	13.7	5.4	8.0#



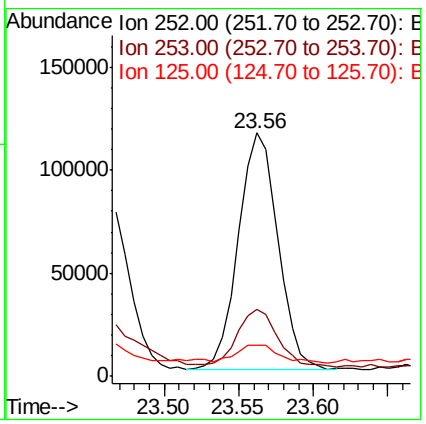


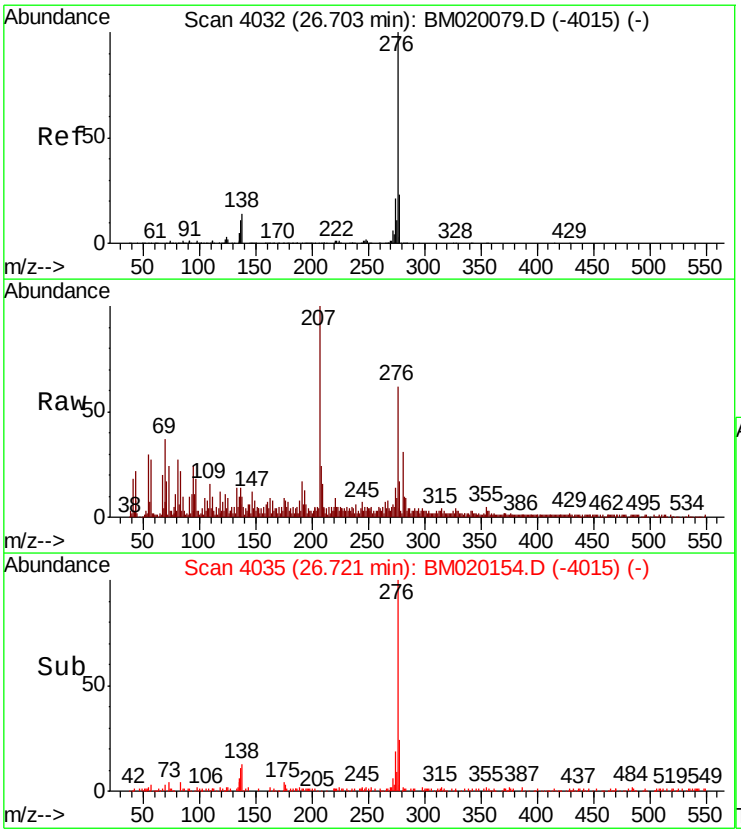
#90
Benzo(a)pyrene
Concen: 3.773 ng
RT: 23.56 min Scan# 3498
Delta R.T. 0.01 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

Tgt Ion:252 Resp: 209716

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.0	25.6#
125	12.6	5.5	8.3#





#92
Benzo(g,h,i)perylene
Concen: 3.027 ng
RT: 26.72 min Scan# 4035
Delta R.T. 0.02 min
Lab File: BM020154.D
Acq: 07 May 2019 05:14

Tgt Ion:276 Resp: 166087

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.4	27.6
138	15.9	11.1	16.7