Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
Data File : BM020305.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS013-0612-01

Quant Time: May 13 05:24:03 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	7.76	152	58882	20.00	ng		-0.03
21) Naphthalene-d8	10.56	136	206573	20.00	ng		-0.03
39) Acenaphthene-d10	14.41	164	125043	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	285067	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	325248	20.00	ng		-0.02
87) Perylene-d12	23.64	264	414340	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	414266	115.00	ng		-0.02
7) Phenol-d6	6.93	99	552948	112.36	ng		-0.02
23) Nitrobenzene-d5	8.93	82	380918	72.80	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	191590	98.71	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	512369	50.41	ng		-0.04
79) Terphenyl-d14	19.79	244	735104	39.42	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	10.60	128	51859	4.838	ng		99
37) 2-Methylnaphthalene	12.22	142	23825	3.049	ng		95
38) 1-Methylnaphthalene	12.44	142	16427	2.150	ng		99
49) Acenaphthylene	14.13	152	215454	16.383	ng		100
50) Dimethylphthalate	13.87	163	100667	9.472	ng		98
58) Fluorene	15.48	166	21853	2.092	ng	#	54
71) Phenanthrene	17.20	178	588783	37.416	ng		99
72) Anthracene	17.29	178	150519	9.567	ng		99
75) Fluoranthene	19.22	202	1059538	53.216	ng		99
78) Pyrene	19.59	202	2029936	92.959	ng		99
81) Benzo(a)anthracene	21.33	228	797730	34.973	ng		93
83) Chrysene	21.39	228	978671	44.241	ng		99
86) Indeno(1,2,3-cd)pyrene	25.96	276	636809	24.202	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1405402	51.366	ng		99
89) Benzo(k)fluoranthene	22.95	252	1407794	56.406	ng		99
90) Benzo(a)pyrene	23.54	252	784191	31.554	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	157314	6.087	ng	#	92
92) Benzo(g,h,i)perylene	26.69	276	760842	31.007	ng		99

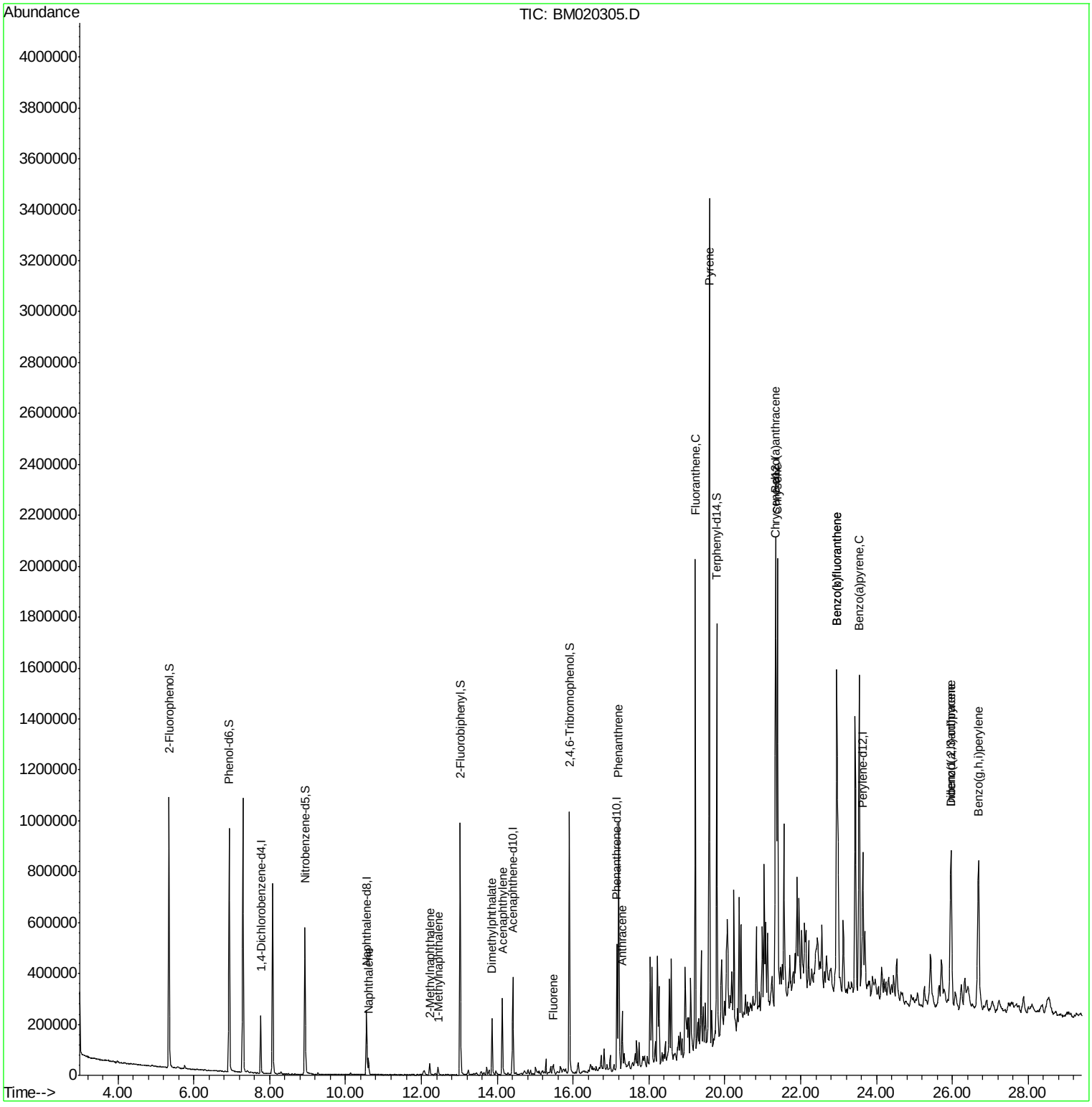
(#) = qualifier out of range (m) = manual integration (+) = signals summed

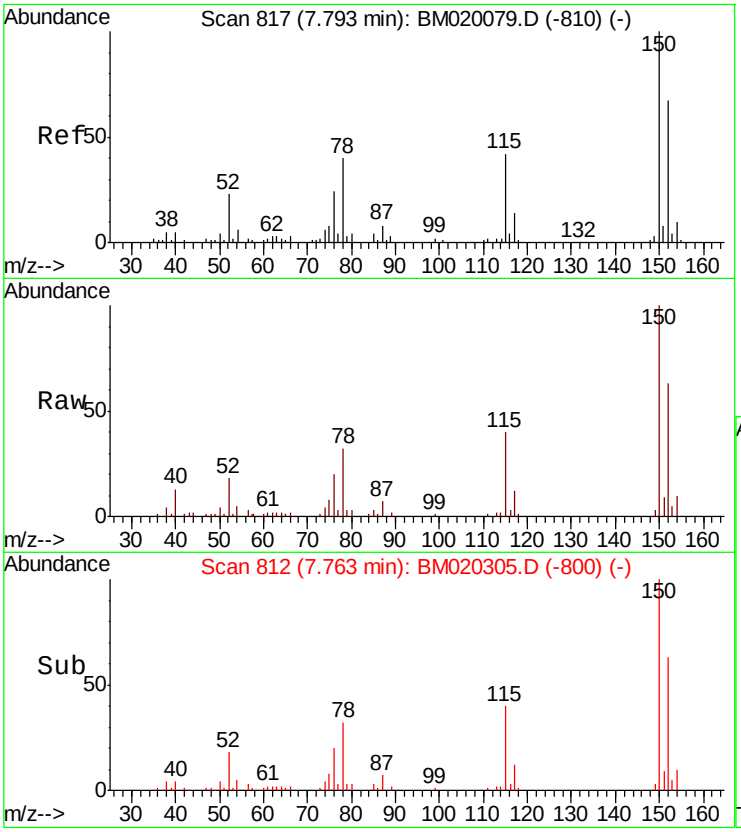
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
Data File : BM020305.D
Acq On : 12 May 2019 19:06
Operator : JU/SJ
Sample : K2768-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Quant Time: May 13 05:24:03 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



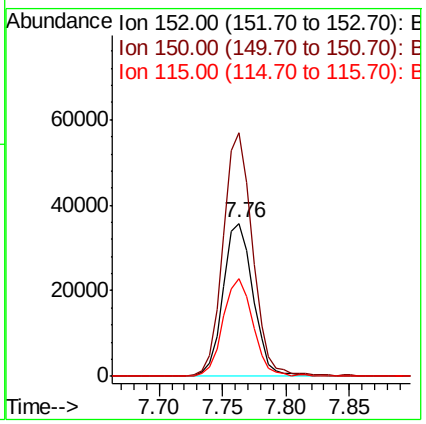


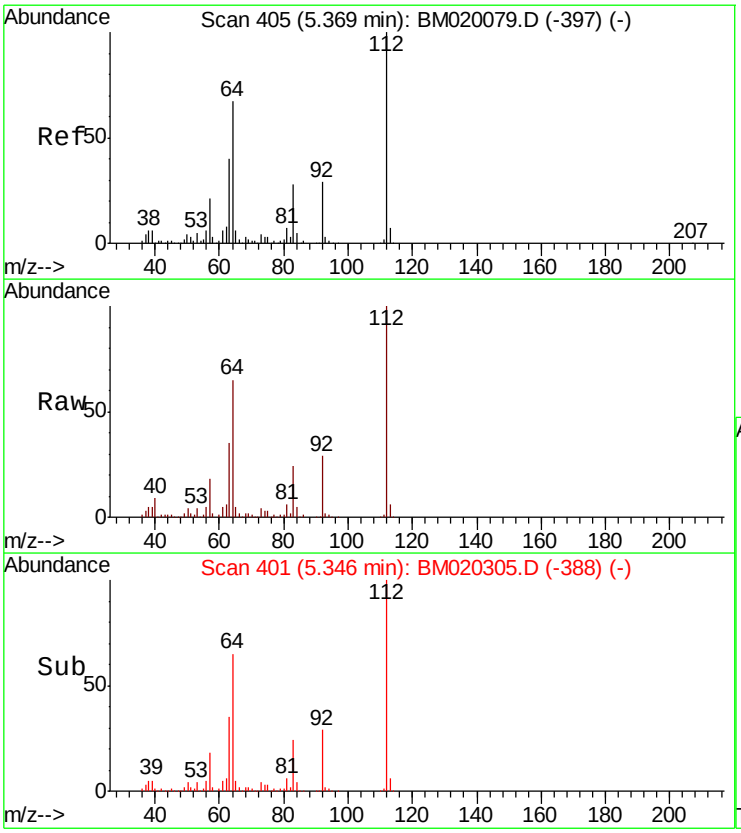
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:152 Resp: 58882

Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.8	179.8
115	63.5	50.8	76.2

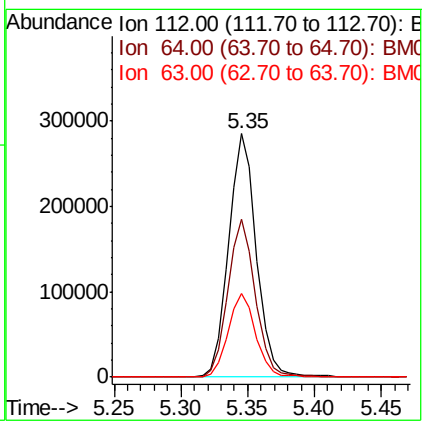


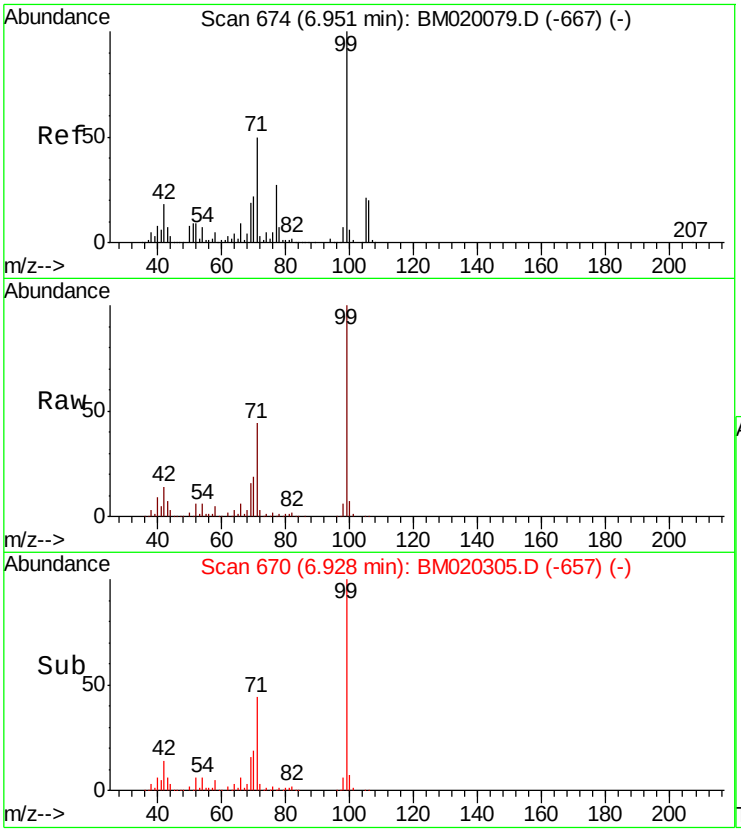


#5
2-Fluorophenol
Concen: 115.002 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:112 Resp: 414266

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.8	80.6
63	34.5	32.3	48.5



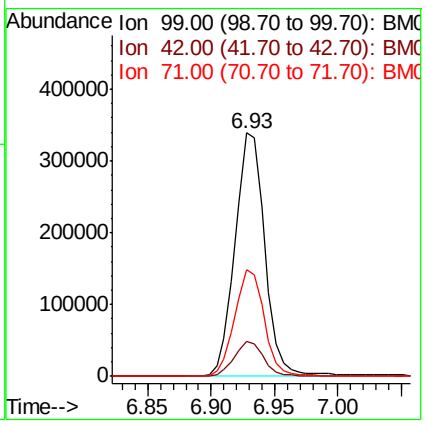


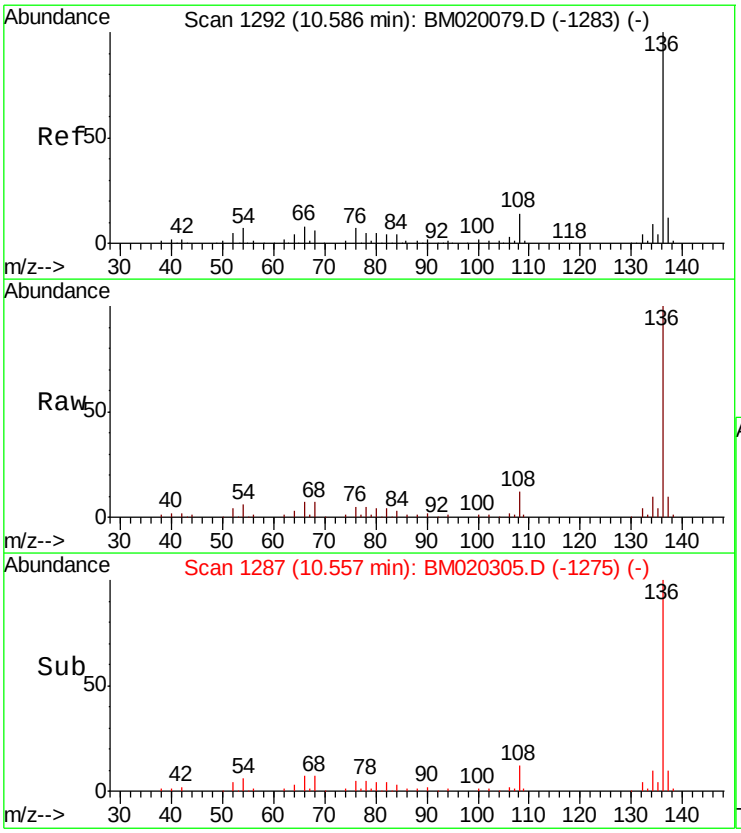
#7
Phenol-d6
Concen: 112.361 ng
RT: 6.93 min Scan# 670
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 99 Resp: 552948

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.2	21.2
71	43.6	40.3	60.5

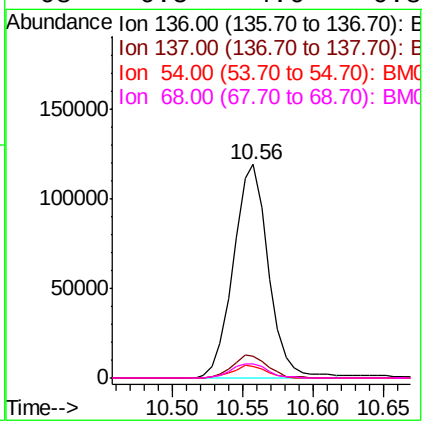


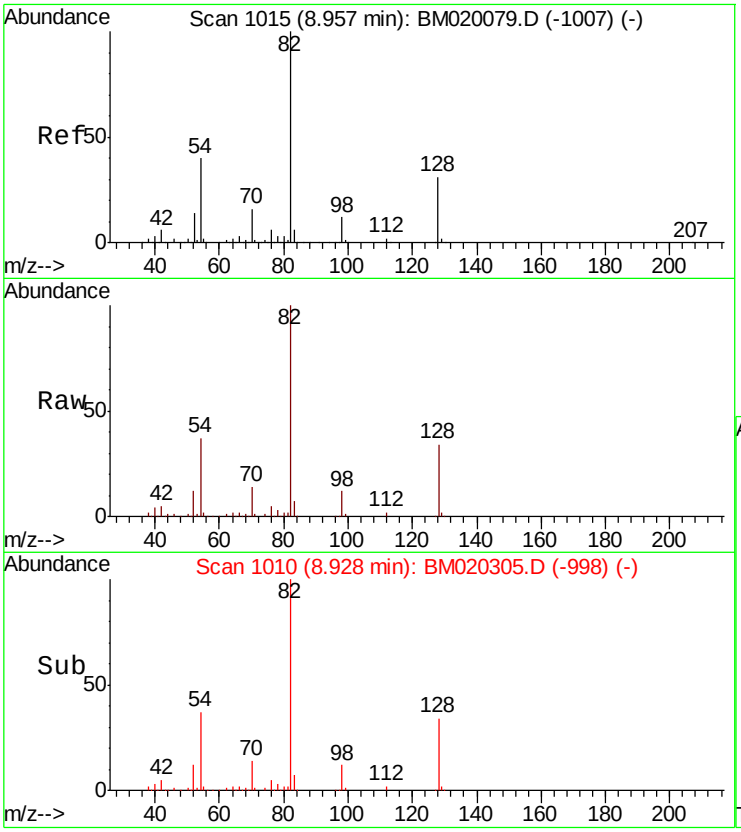


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:136 Resp: 206573

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	5.7	5.5	8.3
68	6.5	4.6	6.8



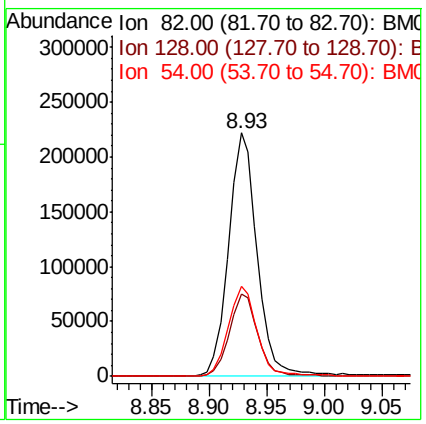


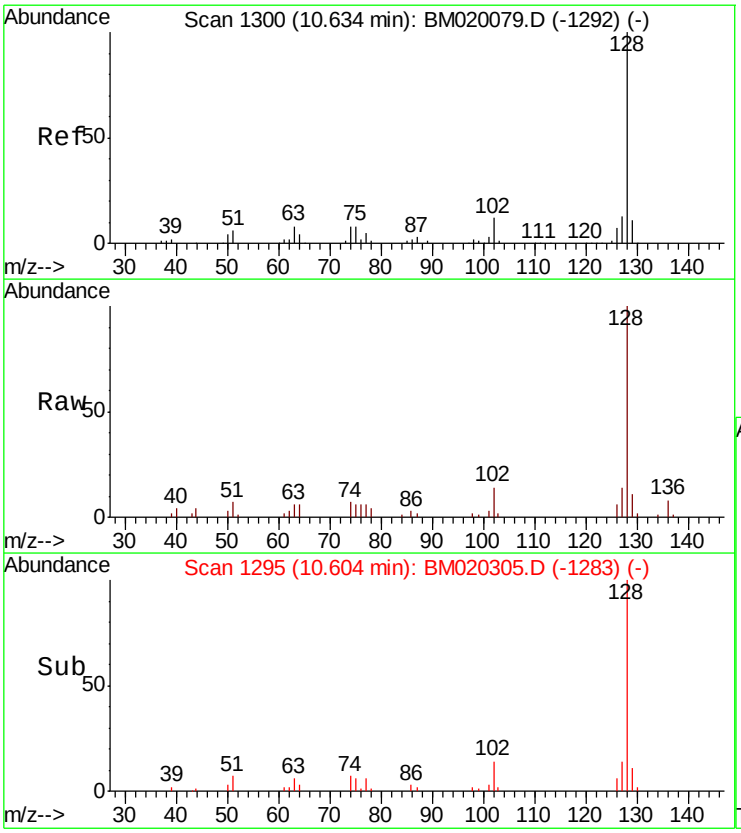
#23
Nitrobenzene-d5
Concen: 72.801 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 82 Resp: 380918

Ion	Ratio	Lower	Upper
82	100		
128	33.6	25.2	37.8
54	36.7	31.9	47.9

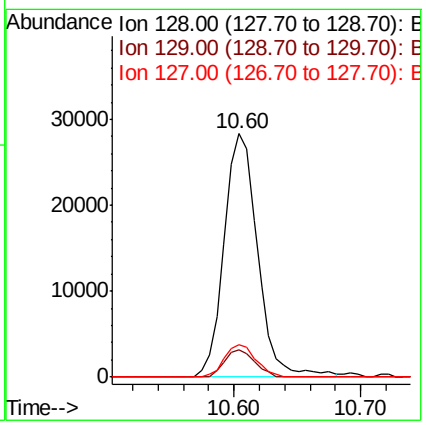


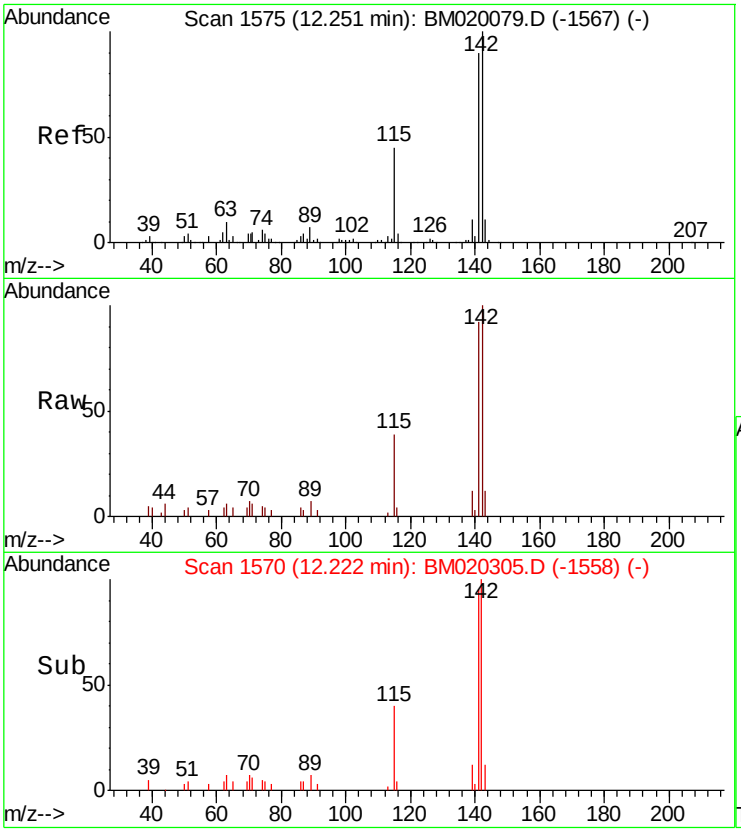


#31
Naphthalene
Concen: 4.838 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:128 Resp: 51859

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.5	10.4	15.6



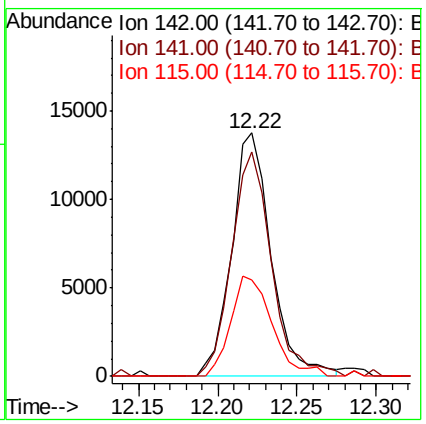


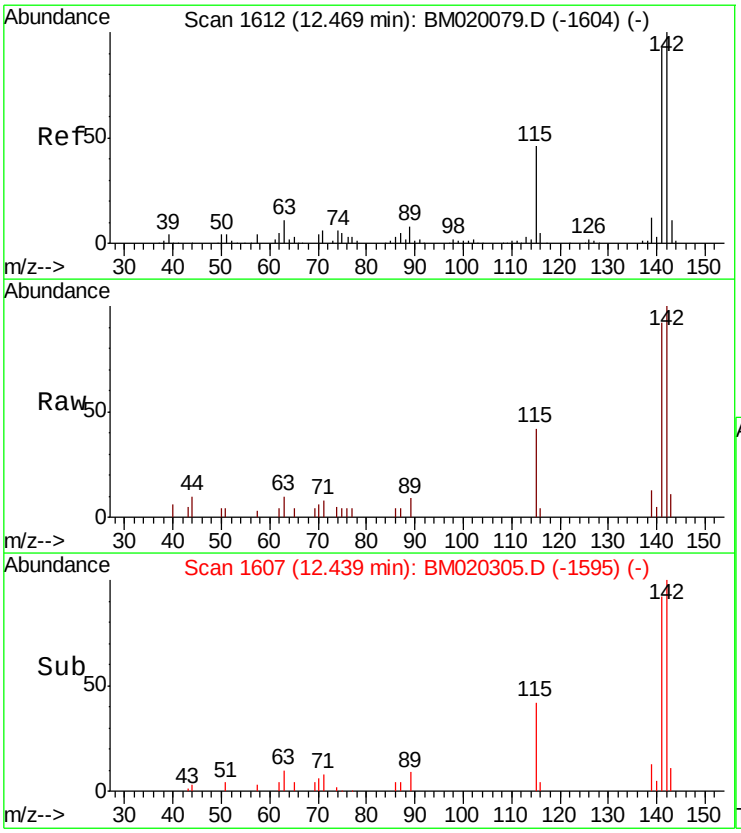
#37
2-Methylnaphthalene
Concen: 3.049 ng
RT: 12.22 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:142 Resp: 23825

Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.6	107.4
115	39.5	35.8	53.6

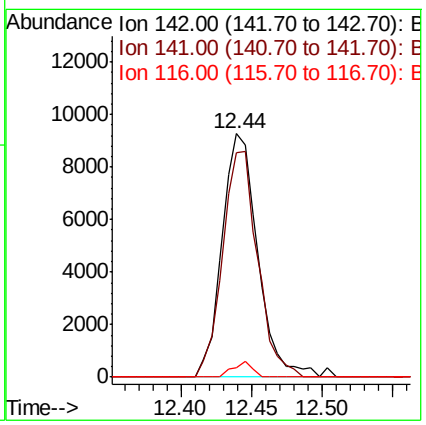


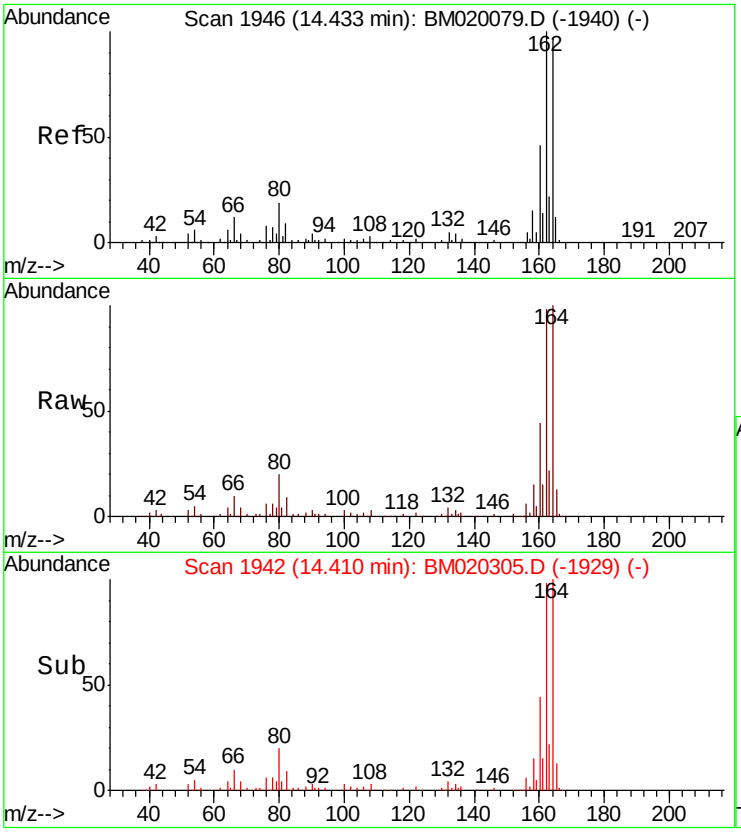


#38
1-Methylnaphthalene
Concen: 2.150 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:142 Resp: 16427

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



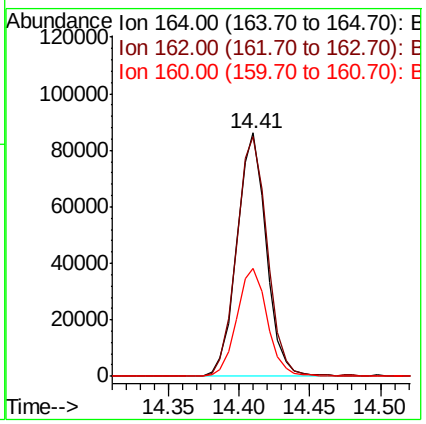


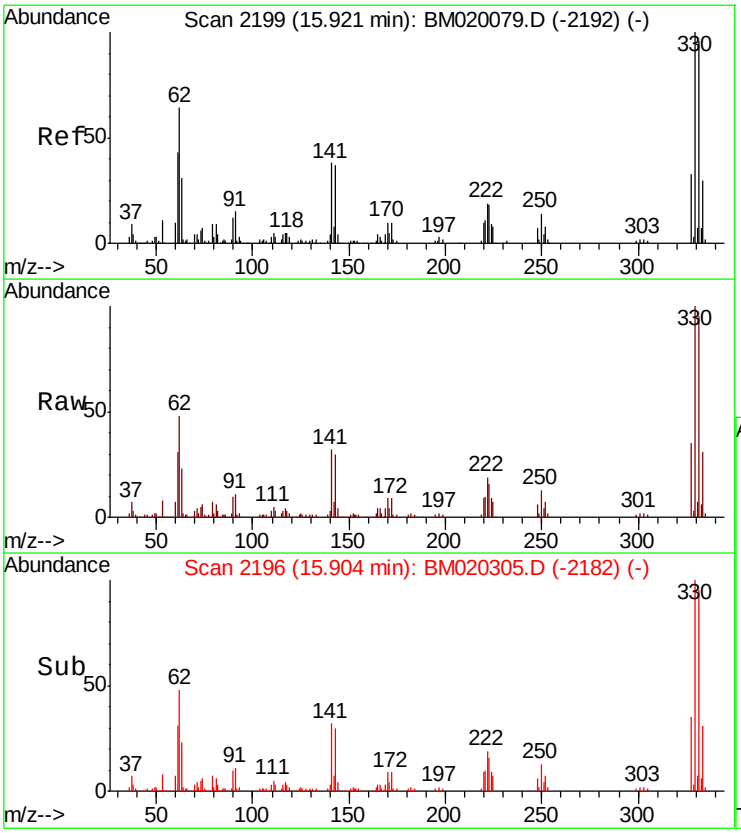
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:164 Resp: 125043

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.2	123.2
160	44.3	37.6	56.4

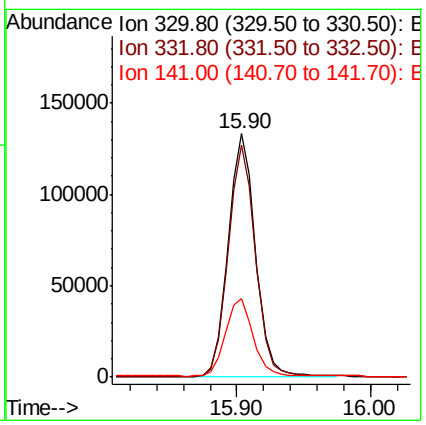


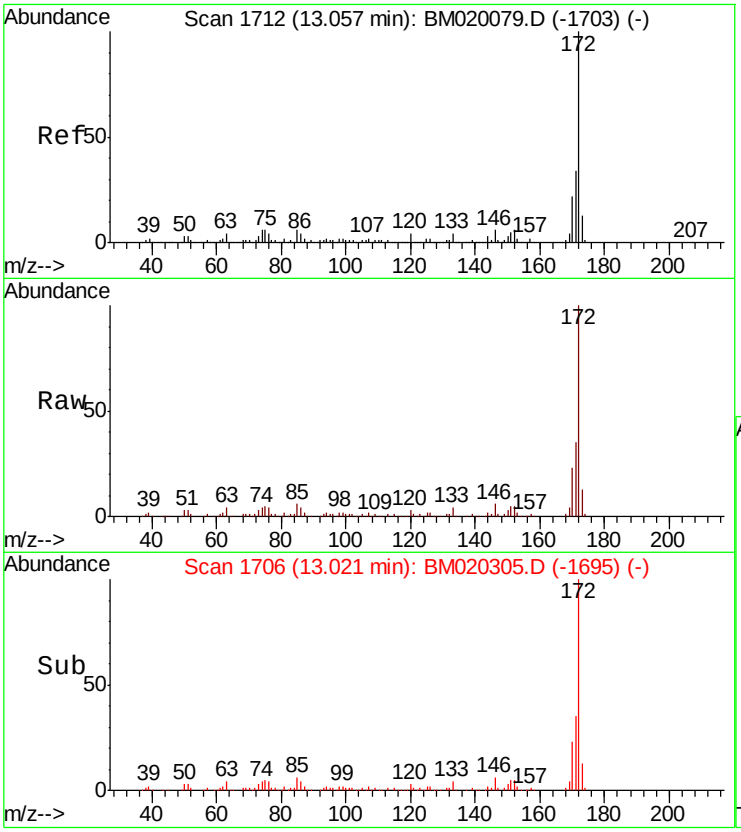


#42
2,4,6-Tribromophenol
Concen: 98.712 ng
RT: 15.90 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:330 Resp: 191590

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	32.6	29.2	43.8



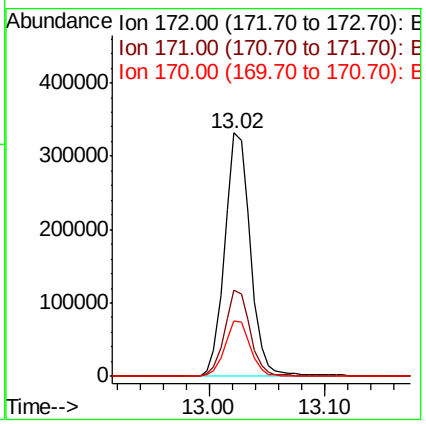


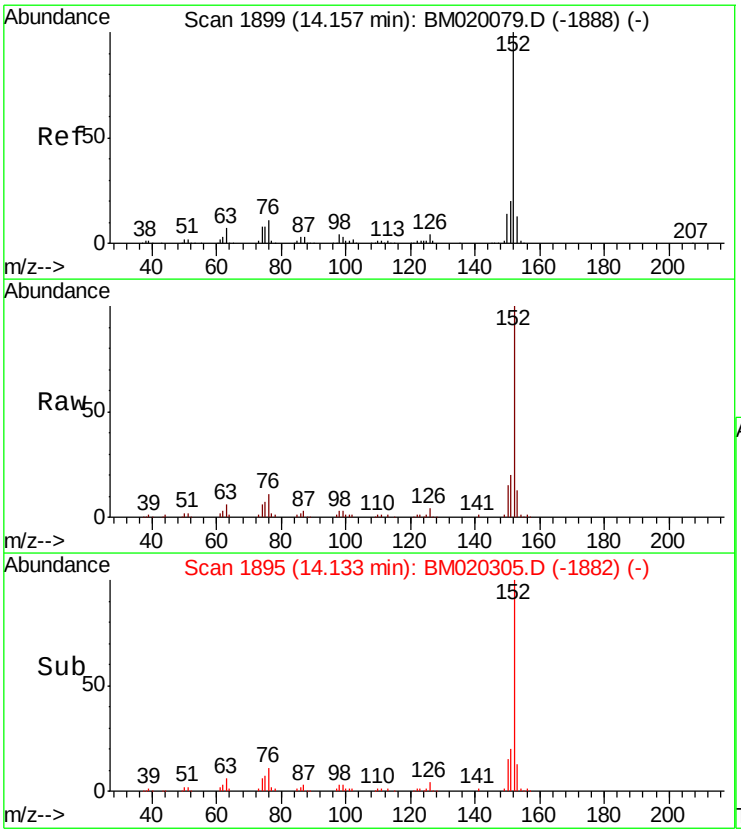
#45
2-Fluorobiphenyl
Concen: 50.415 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.04 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:172 Resp: 512369

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	23.0	17.9	26.9

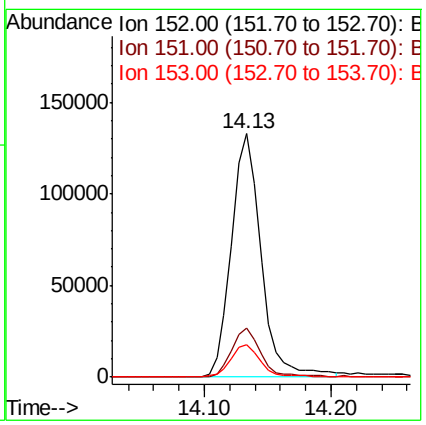


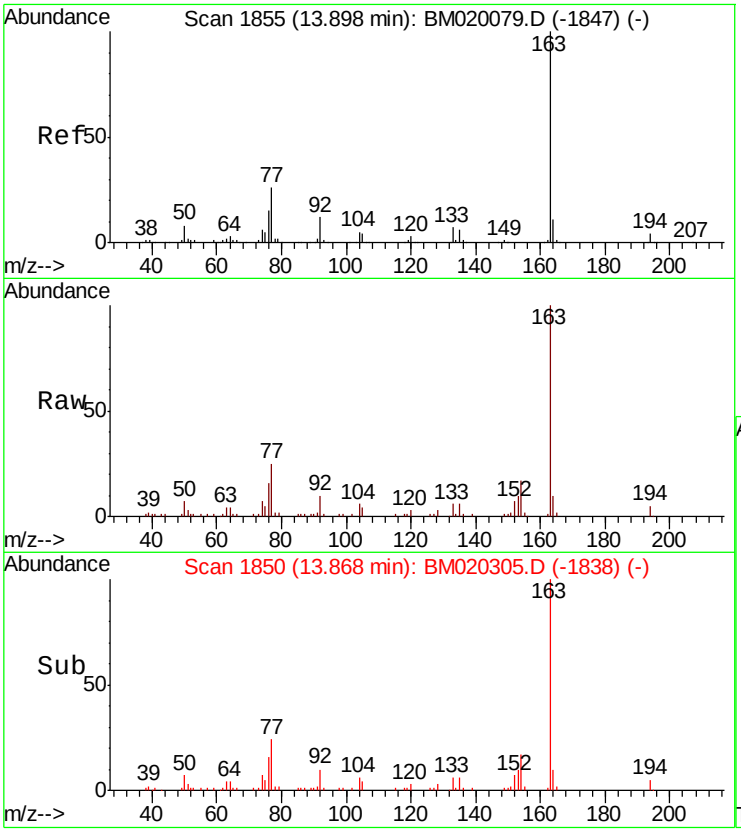


#49
Acenaphthylene
Concen: 16.383 ng
RT: 14.13 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:152 Resp: 215454

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.4	10.6	16.0



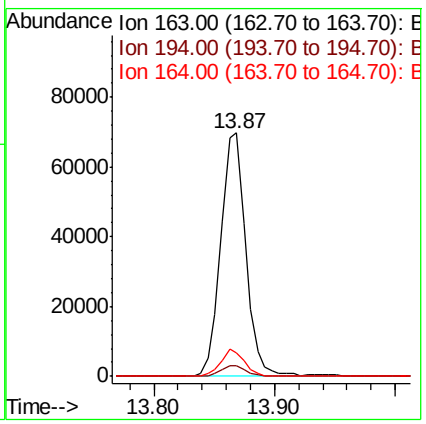


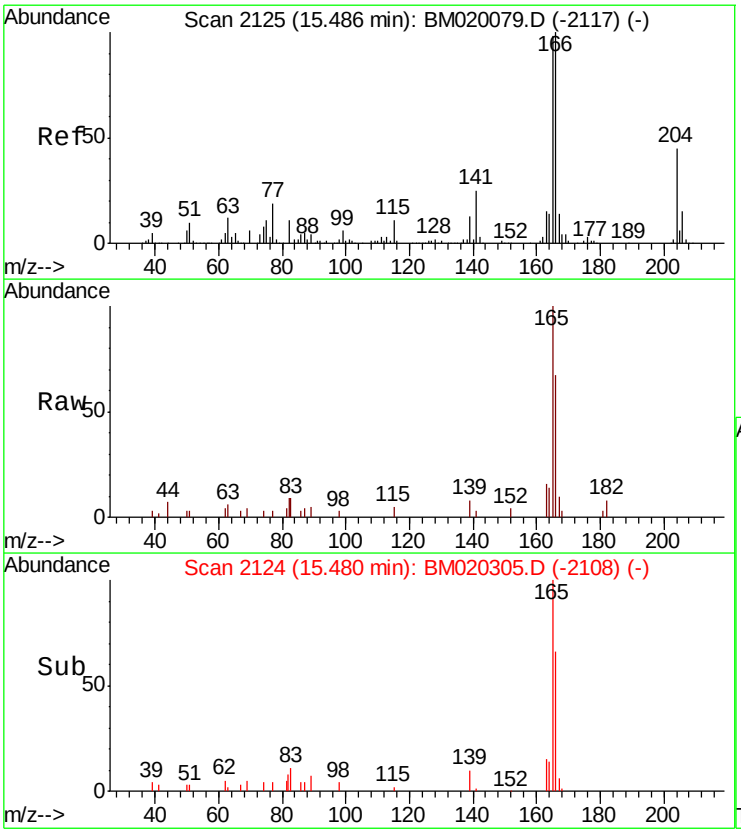
#50
Dimethylphthalate
Concen: 9.472 ng
RT: 13.87 min Scan# 1850
Delta R.T. -0.03 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:163 Resp: 100667

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.6	8.4	12.6

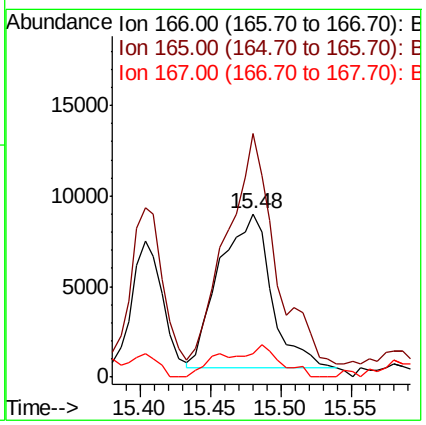


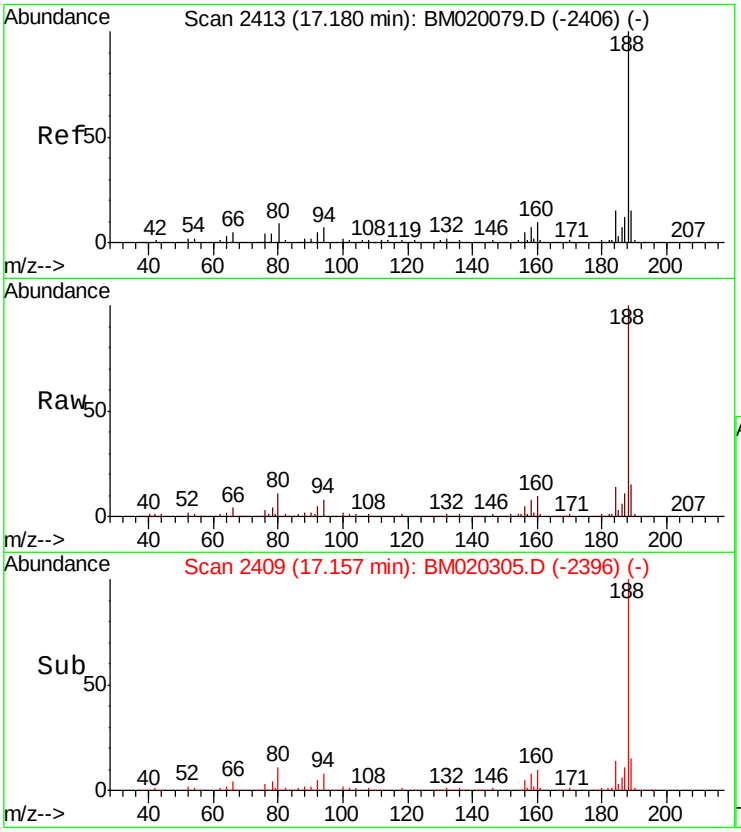


#58
Fluorene
Concen: 2.092 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:166 Resp: 21853

Ion	Ratio	Lower	Upper
166	100		
165	149.4	78.2	117.2#
167	14.3	11.0	16.4



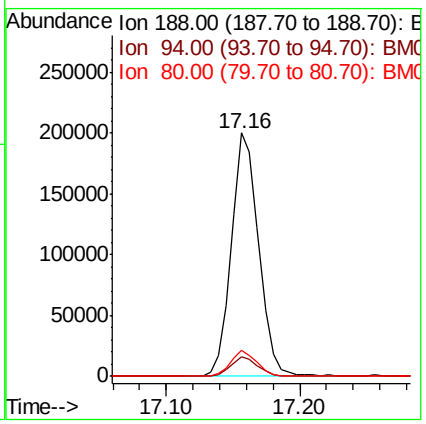


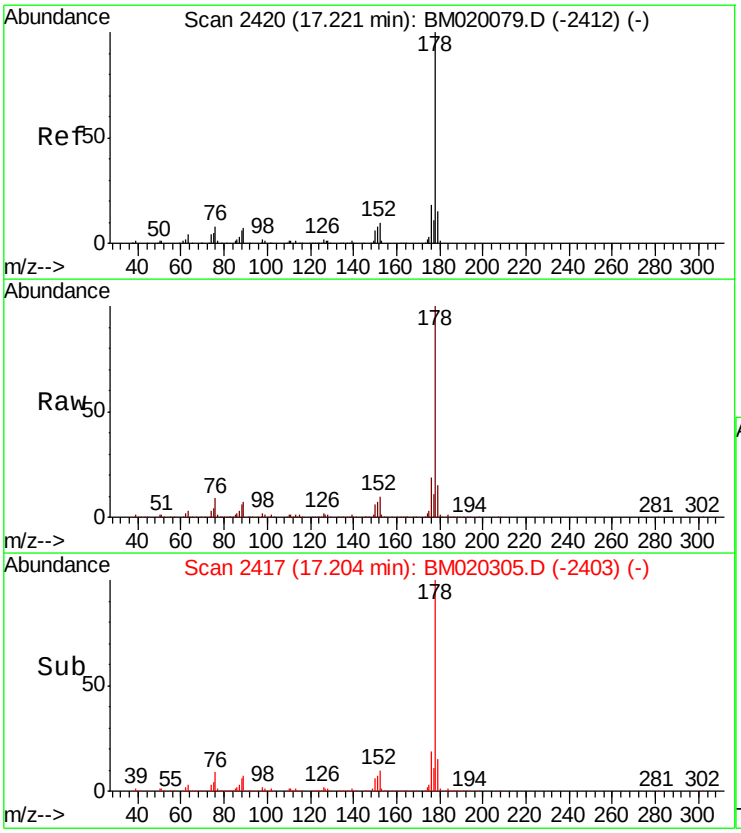
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:188 Resp: 285067

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.8	8.6
80	10.6	7.4	11.2

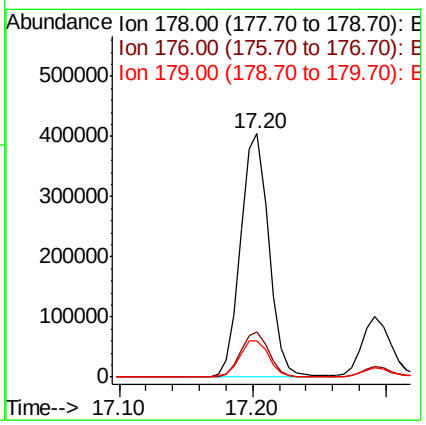


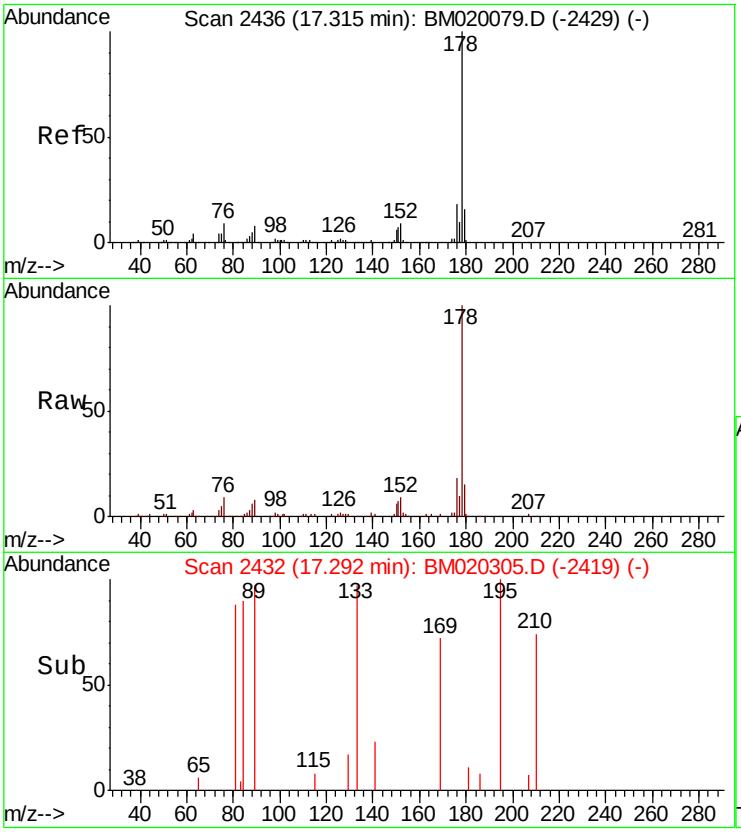


#71
Phenanthrene
Concen: 37.416 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:178 Resp: 588783

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.1	12.4	18.6



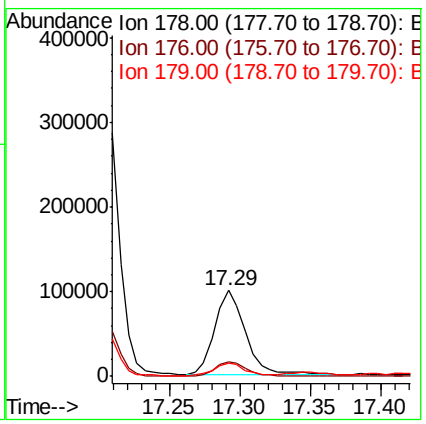


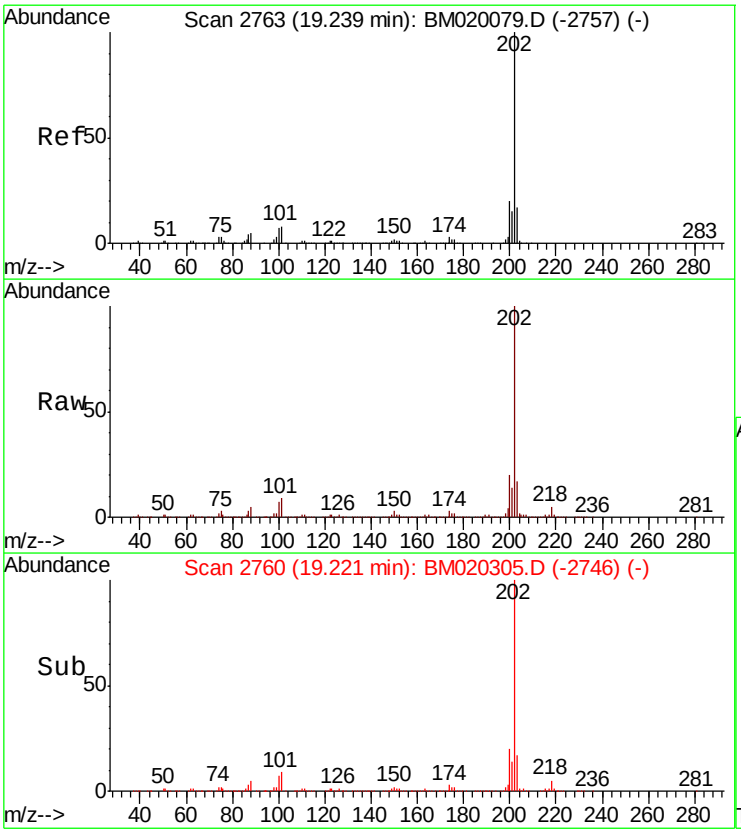
#72
Anthracene
Concen: 9.567 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:178 Resp: 150519

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	15.3	12.4	18.6

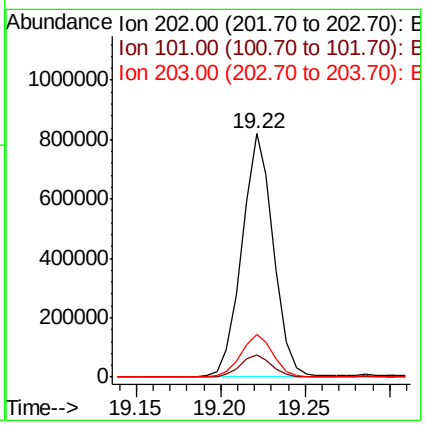


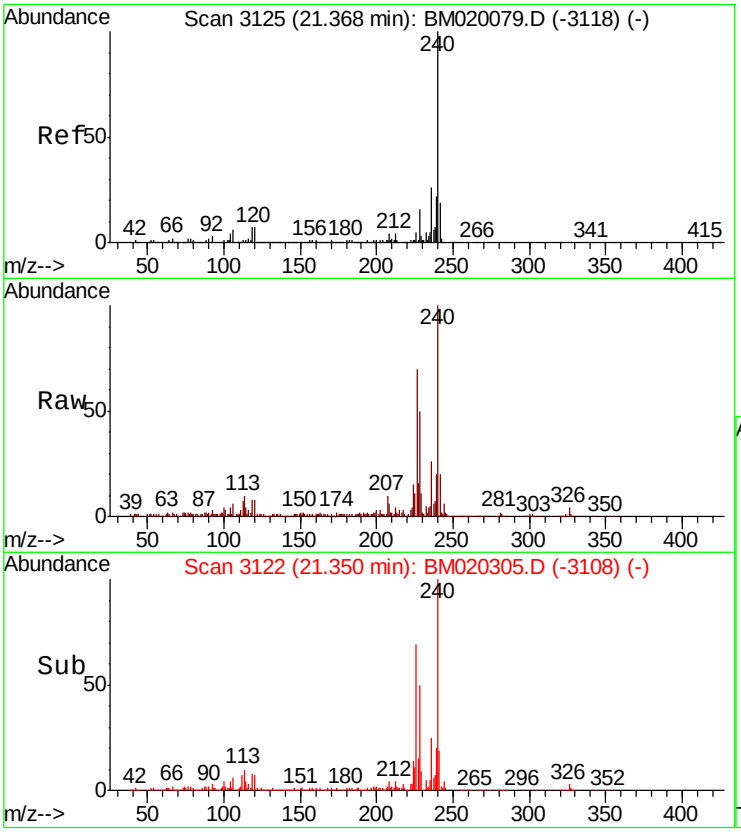


#75
Fluoranthene
Concen: 53.216 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:202 Resp: 1059538

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.4
203	17.4	0.0	37.4



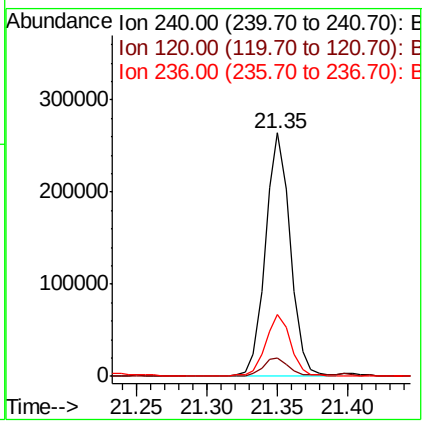


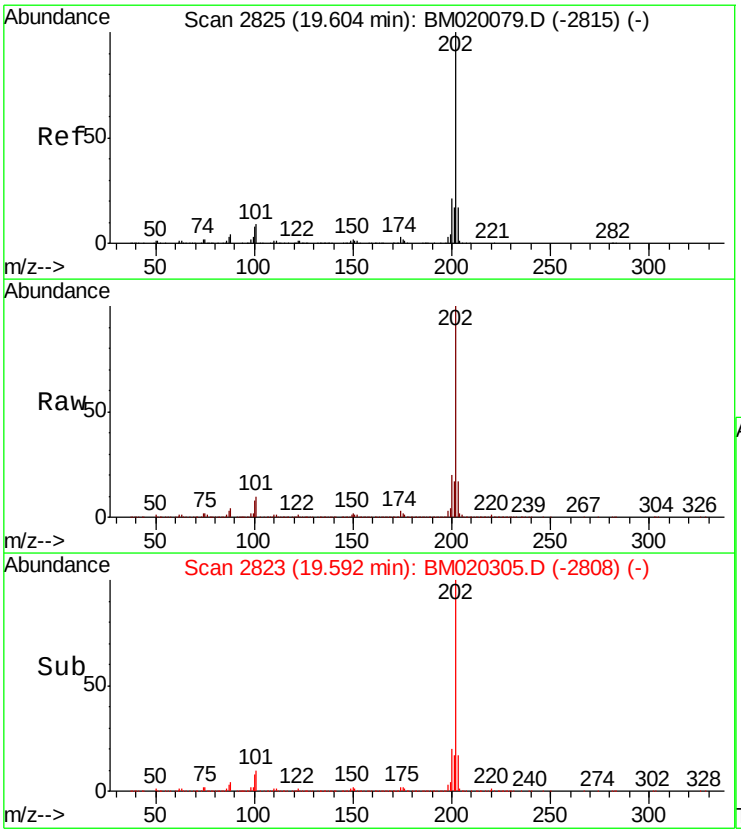
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:240 Resp: 325248

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.6	8.4
236	25.5	20.9	31.3

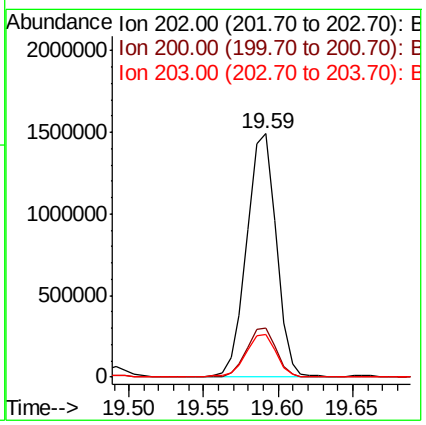


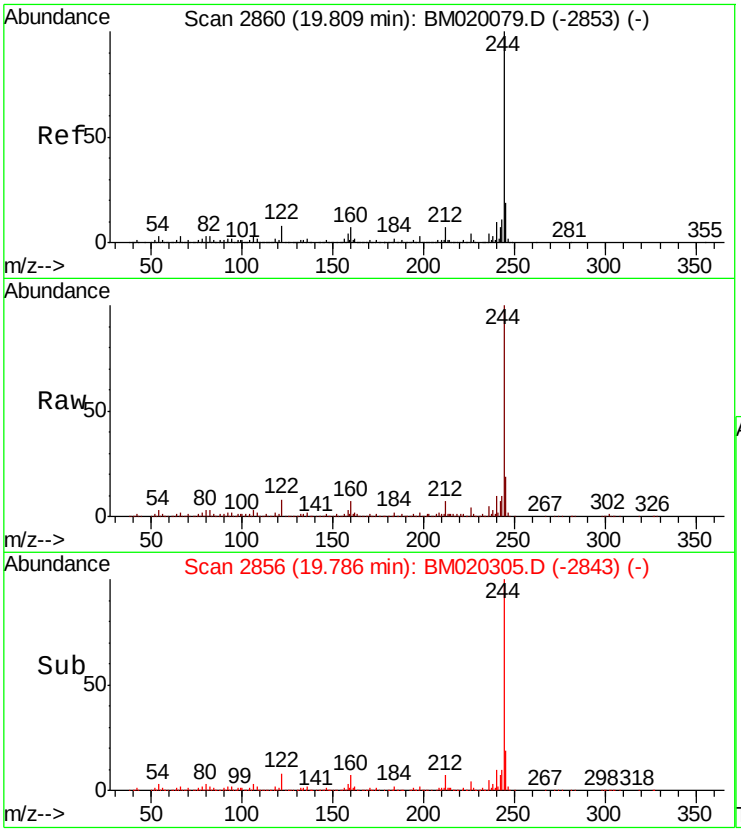


#78
Pyrene
Concen: 92.959 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:202 Resp: 2029936

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.5	24.7
203	17.5	13.9	20.9



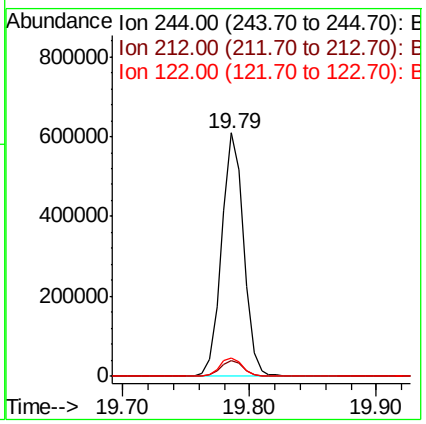


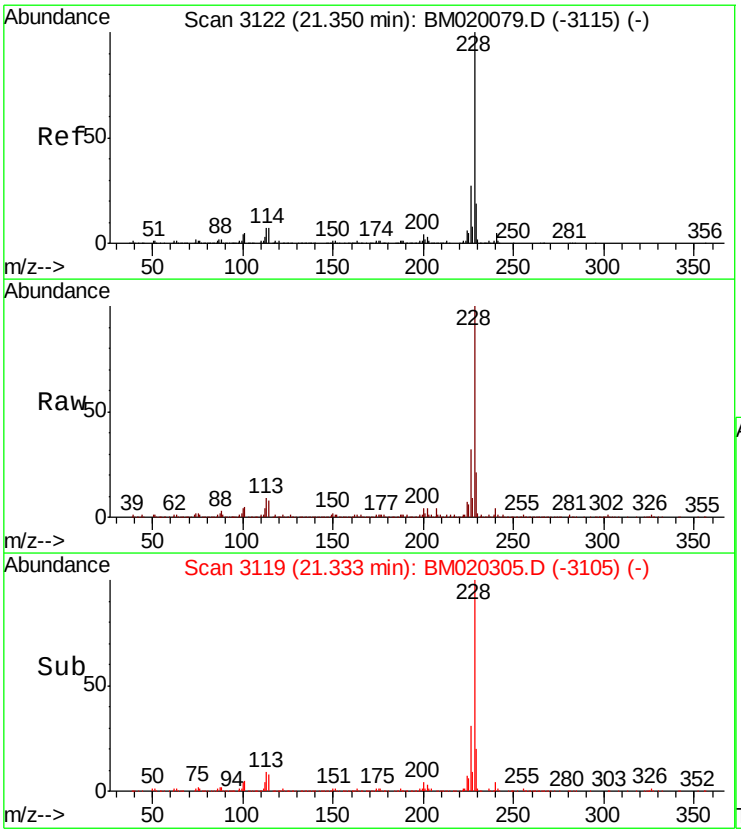
#79
Terphenyl-d14
Concen: 39.422 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:244 Resp: 735104

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	7.6	6.2	9.2

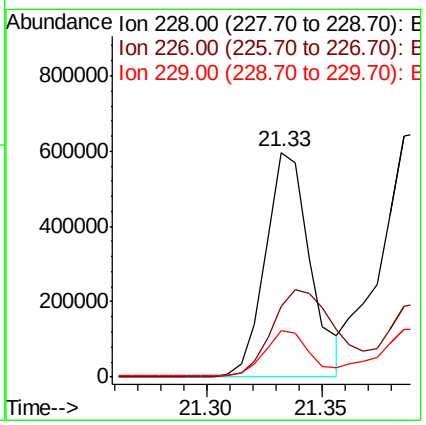


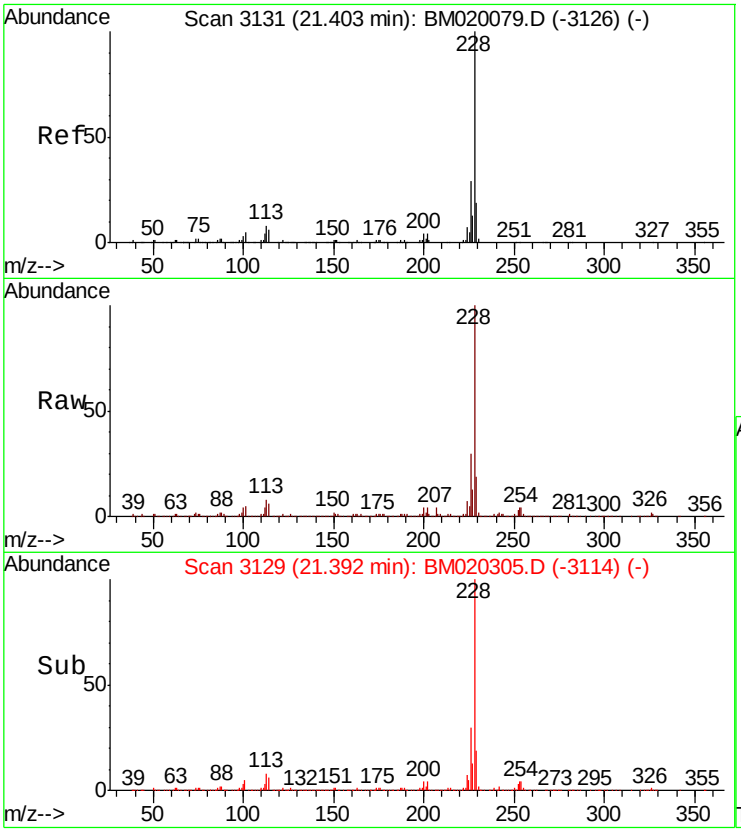


#81
Benzo(a)anthracene
Concen: 34.973 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:228 Resp: 797730

Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.3	31.9
229	20.7	15.5	23.3



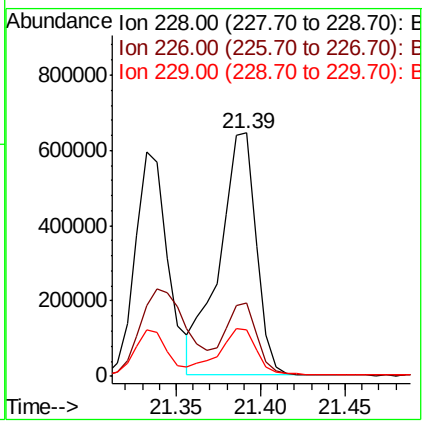


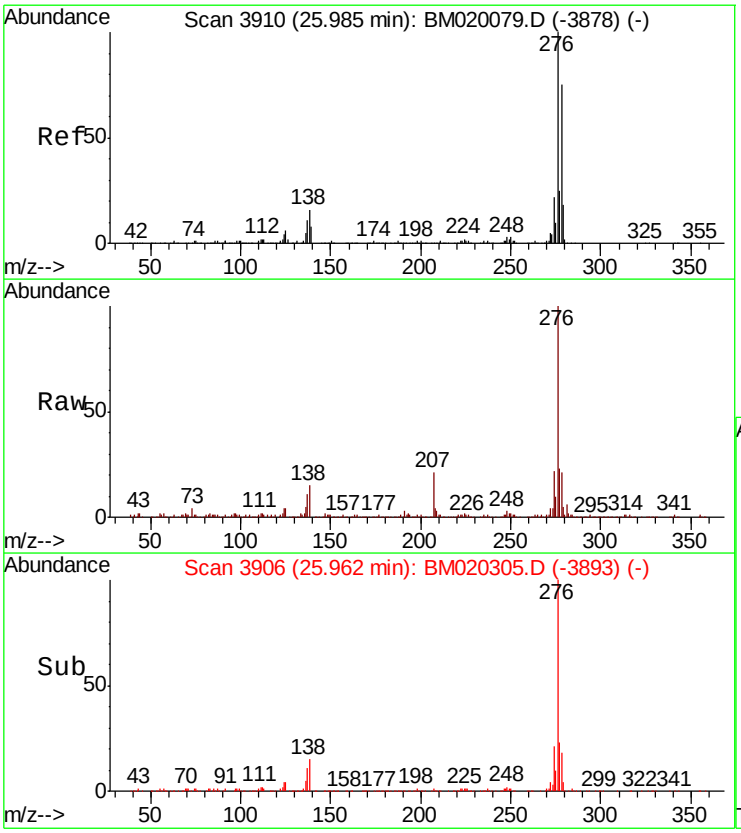
#83
Chrysene
Concen: 44.241 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:228 Resp: 978671

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.6
229	19.3	15.5	23.3

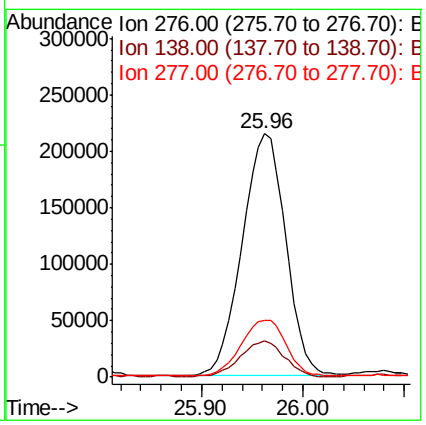


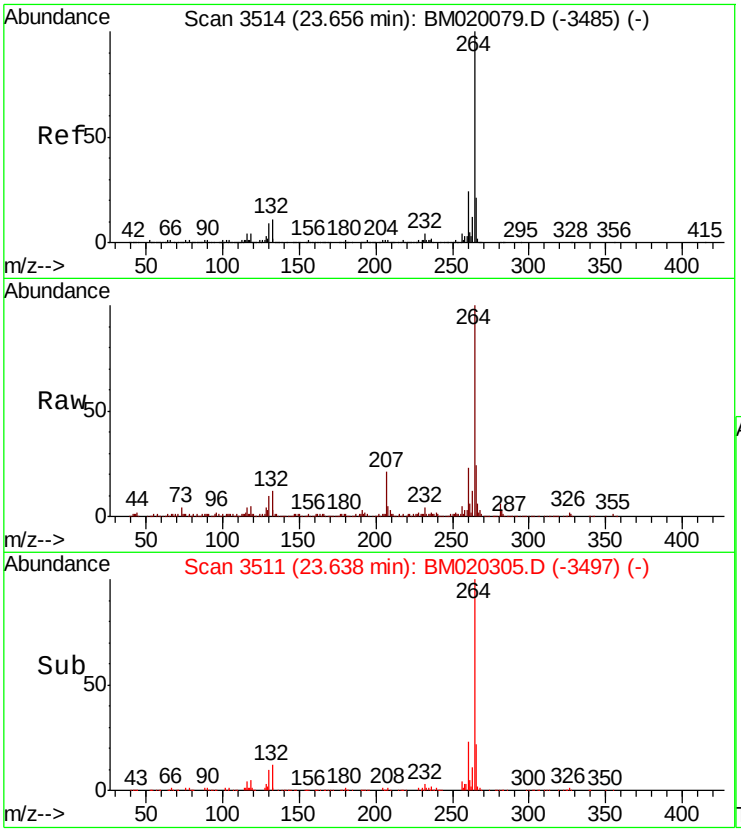


#86
Indeno(1,2,3-cd)pyrene
Concen: 24.202 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:276 Resp: 636809

Ion	Ratio	Lower	Upper
276	100		
138	14.7	0.0	0.0#
277	23.7	0.0	0.0#



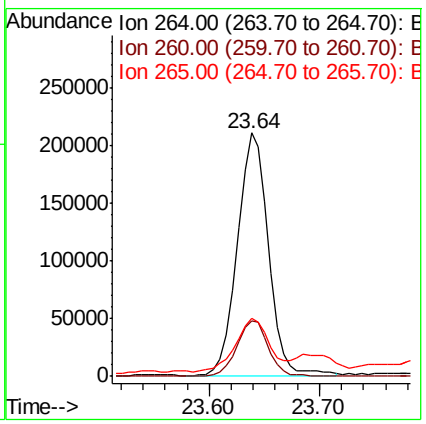


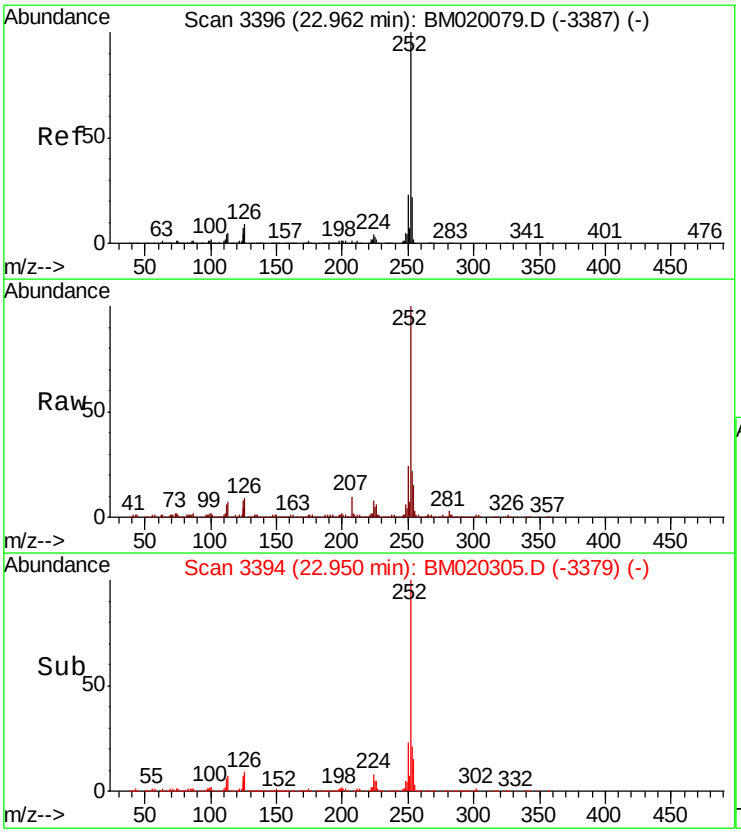
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:264 Resp: 414340

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	23.8	16.9	25.3

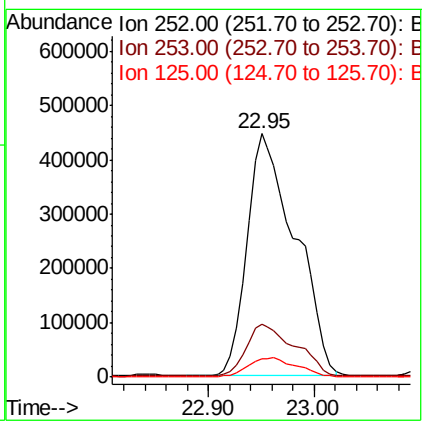


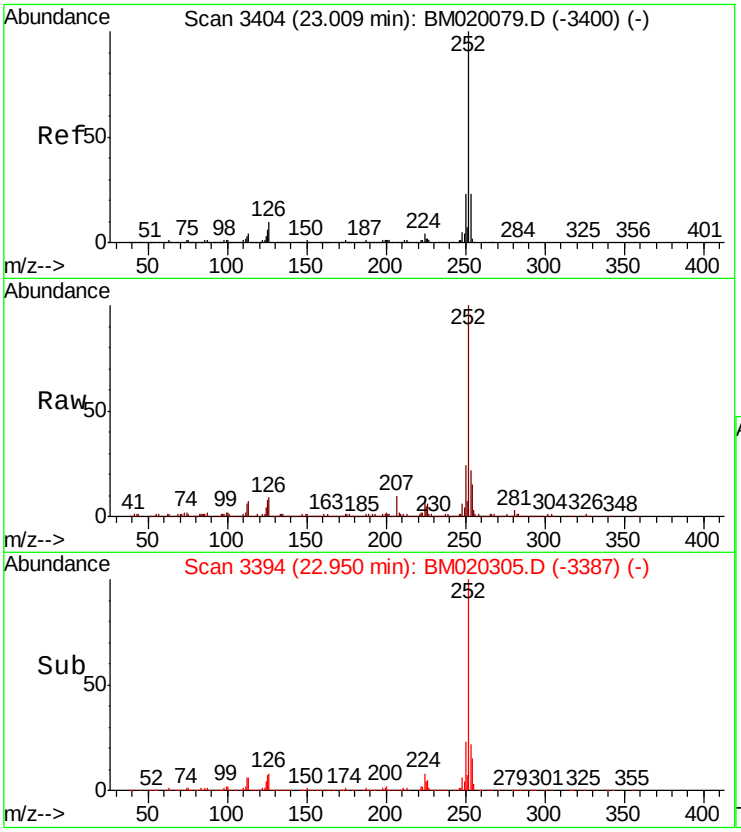


#88
Benzo(b)fluoranthene
Concen: 51.366 ng
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:252 Resp: 1405402

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.7	5.4	8.2



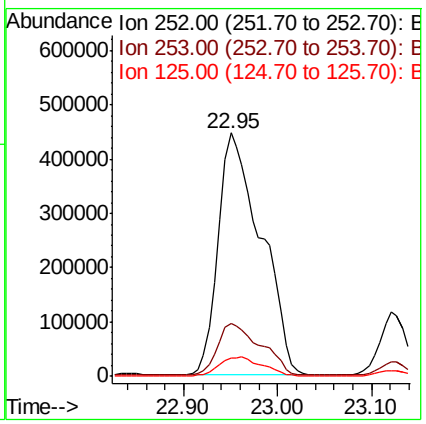


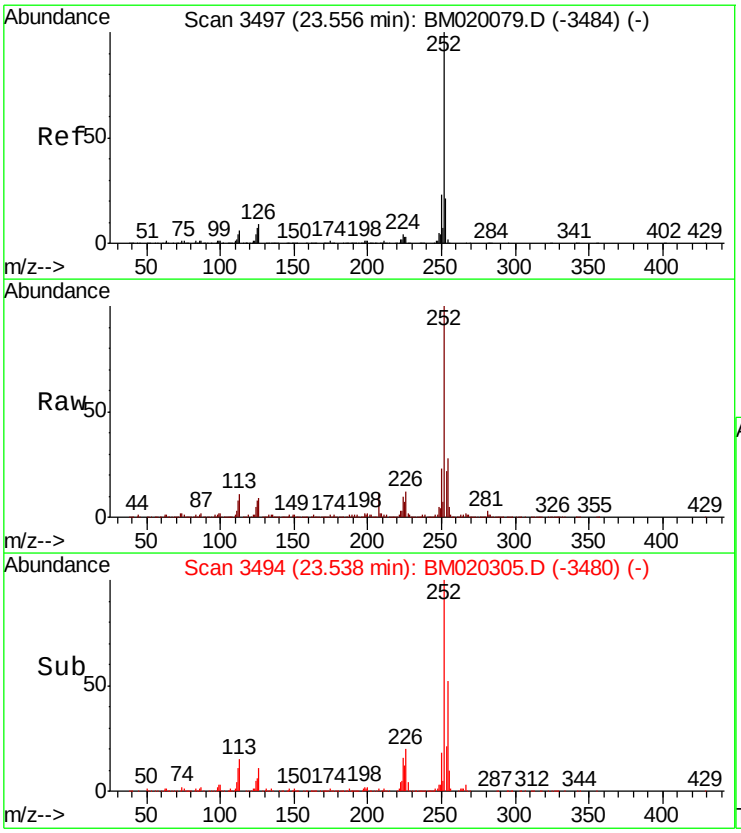
#89
Benzo(k)fluoranthene
Concen: 56.406 ng
RT: 22.95 min Scan# 3394
Delta R.T. -0.06 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:252 Resp: 1407794

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	7.7	5.4	8.0

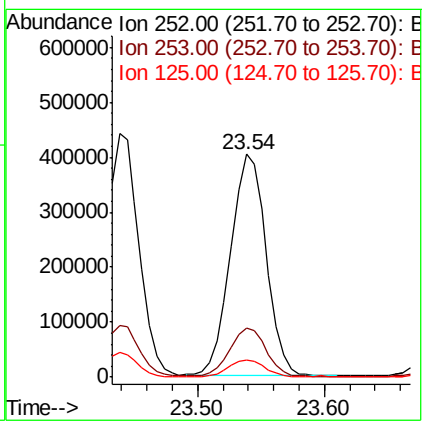


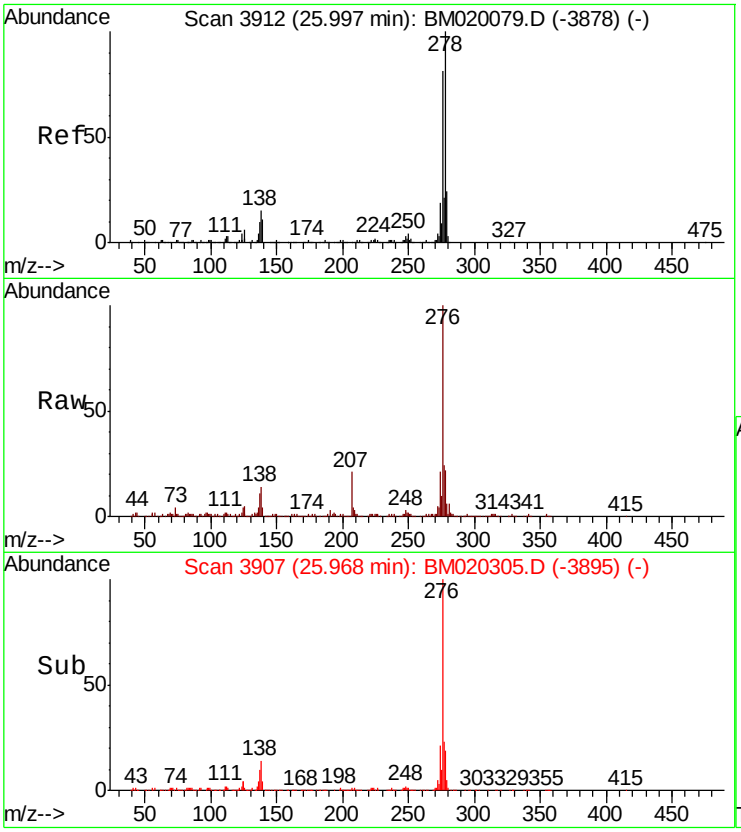


#90
Benzo(a)pyrene
Concen: 31.554 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:252 Resp: 784191

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	7.8	5.5	8.3



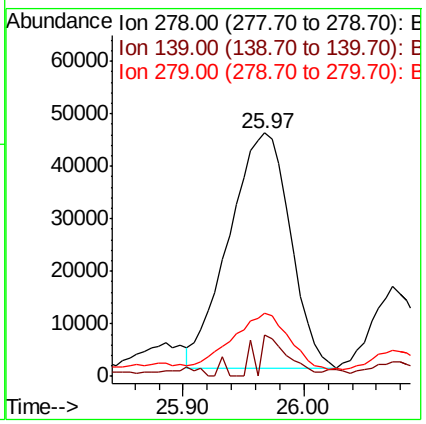


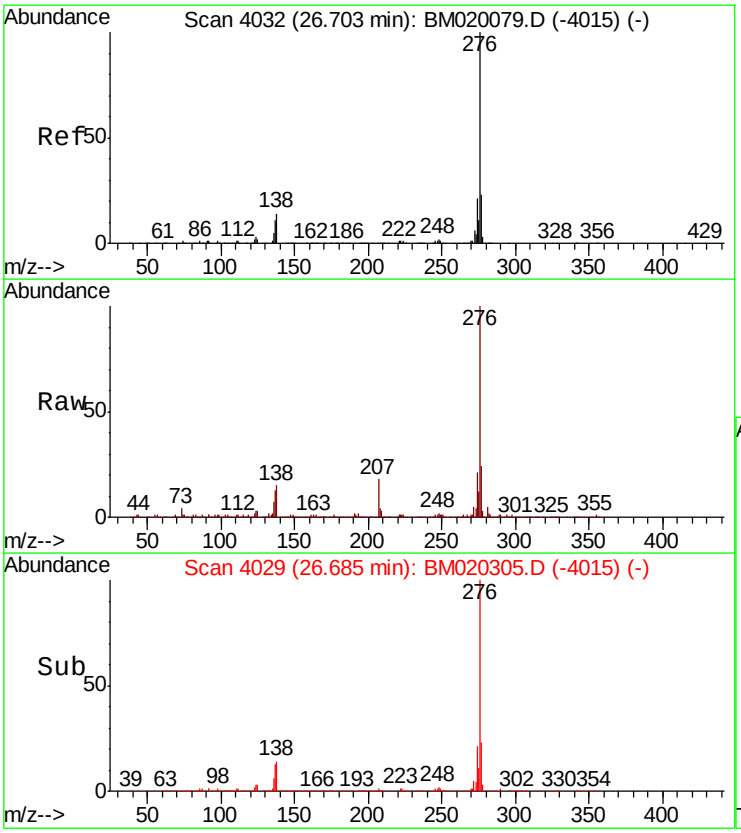
#91
Dibenzo(a,h)anthracene
Concen: 6.087 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.03 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:278 Resp: 157314

Ion	Ratio	Lower	Upper
278	100		
139	16.9	8.6	13.0#
279	25.7	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 31.007 ng
RT: 26.69 min Scan# 4029
Delta R.T. -0.02 min
Lab File: BM020305.D
Acq: 12 May 2019 19:06

Tgt Ion:276 Resp: 760842

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	14.7	11.1	16.7