Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051119\
Data File : BM020290.D
Acq On : 12 May 2019 02:57
Operator : JU/SJ
Sample : K2703-02DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P-3-OW(0-10)DL

Quant Time: May 12 03:38:57 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	49399	20.00	ng		-0.03
21) Naphthalene-d8	10.56	136	173946	20.00	ng		-0.03
39) Acenaphthene-d10	14.41	164	107646	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	251875	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	269779	20.00	ng		-0.02
87) Perylene-d12	23.63	264	338691	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	178274	58.99	ng		-0.02
7) Phenol-d6	6.93	99	233787	56.63	ng		-0.02
23) Nitrobenzene-d5	8.93	82	158517	35.98	ng		-0.02
42) 2,4,6-Tribromophenol	15.90	330	91723	54.90	ng		-0.02
45) 2-Fluorobiphenyl	13.03	172	315121	36.02	ng		-0.03
79) Terphenyl-d14	19.79	244	509976	32.97	ng		-0.02
Target Compounds							Qvalue
50) Dimethylphthalate	13.87	163	48861	5.341	ng		98
71) Phenanthrene	17.20	178	495178	35.615	ng		99
72) Anthracene	17.29	178	88962	6.400	ng		98
73) Carbazole	17.57	167	46742	3.726	ng		99
75) Fluoranthene	19.22	202	840992	47.806	ng		99
78) Pyrene	19.59	202	739472	40.826	ng		100
81) Benzo(a)anthracene	21.33	228	415444	21.958	ng		98
83) Chrysene	21.39	228	387785	21.134	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	273266	12.521	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	515333	23.042	ng		99
89) Benzo(k)fluoranthene	22.94	252	515333	25.260	ng		99
90) Benzo(a)pyrene	23.54	252	377807	18.597	ng	#	97
91) Dibenzo(a,h)anthracene	25.96	278	66675	3.156	ng	#	86
92) Benzo(g,h,i)perylene	26.67	276	280921	14.006	ng		96

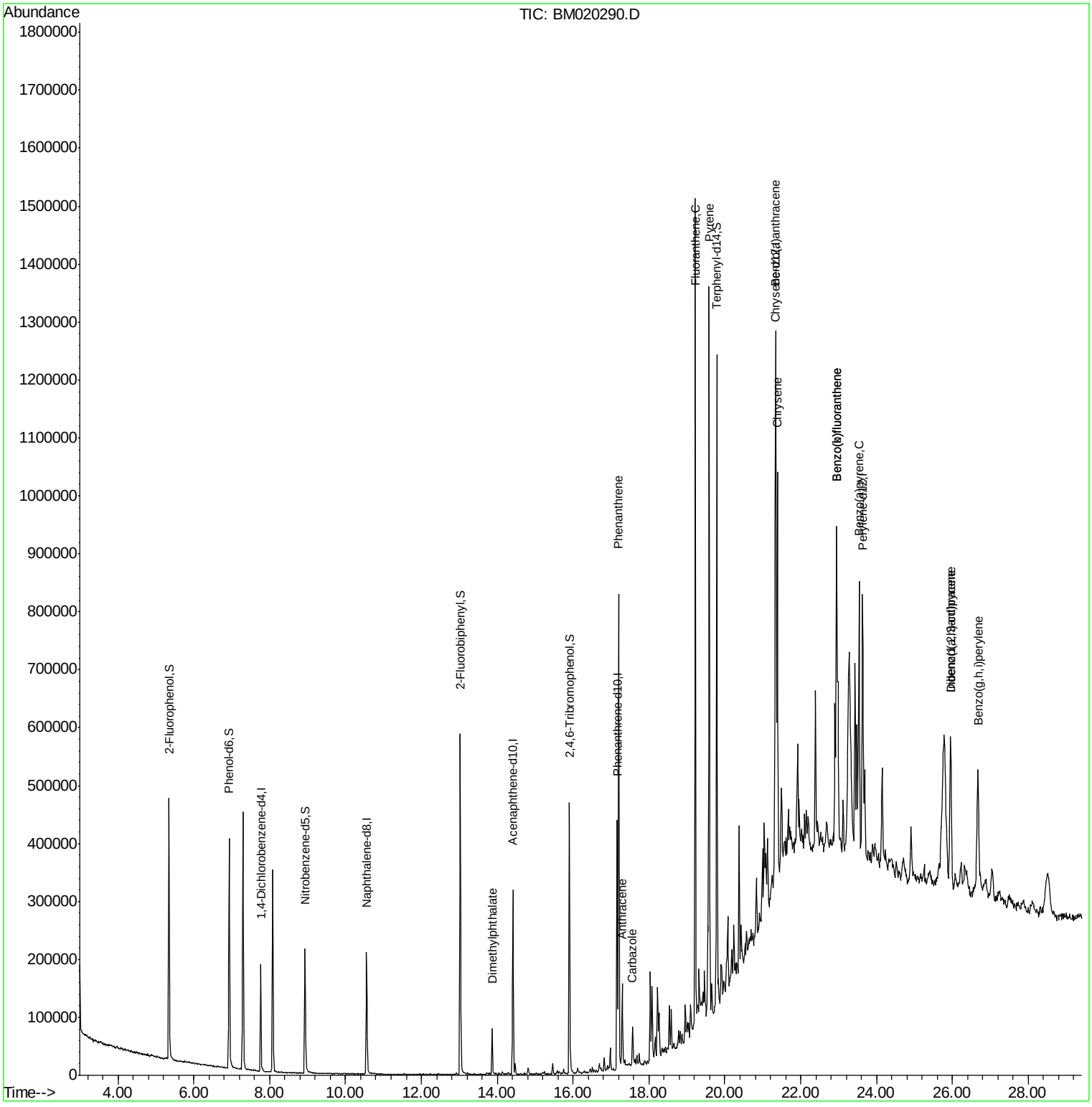
(#) = qualifier out of range (m) = manual integration (+) = signals summed

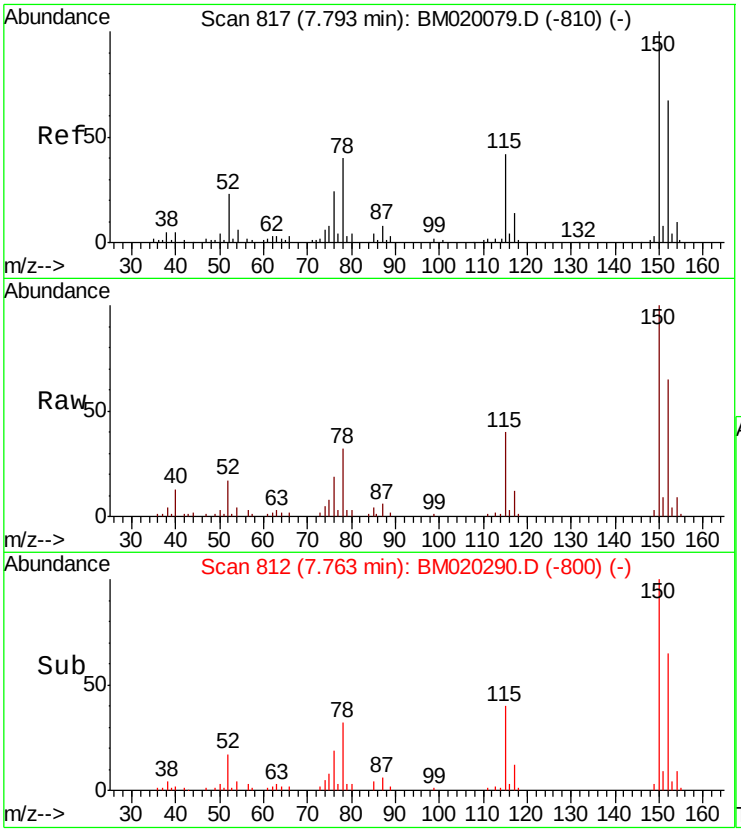
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051119\
Data File : BM020290.D
Acq On : 12 May 2019 02:57
Operator : JU/SJ
Sample : K2703-02DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Quant Time: May 12 03:38:57 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



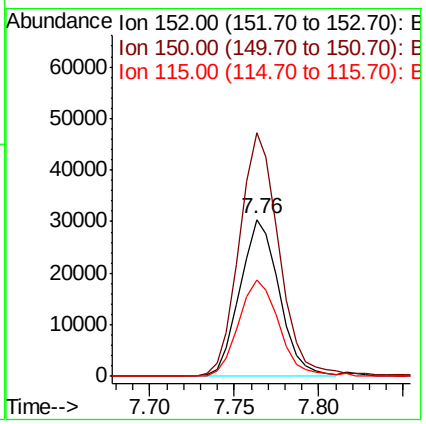


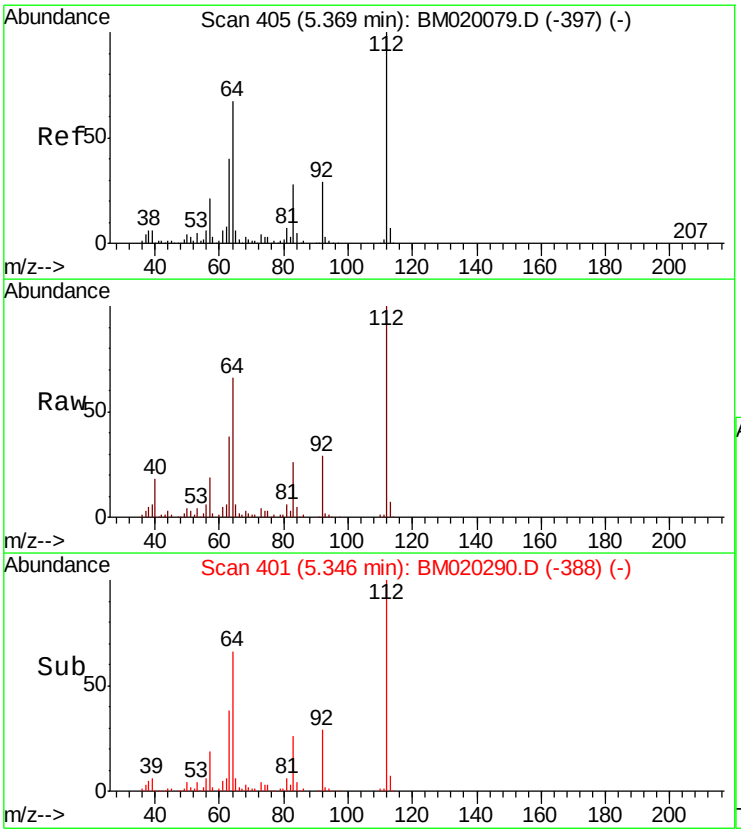
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:152 Resp: 49399

Ion	Ratio	Lower	Upper
152	100		
150	154.9	119.8	179.8
115	61.6	50.8	76.2

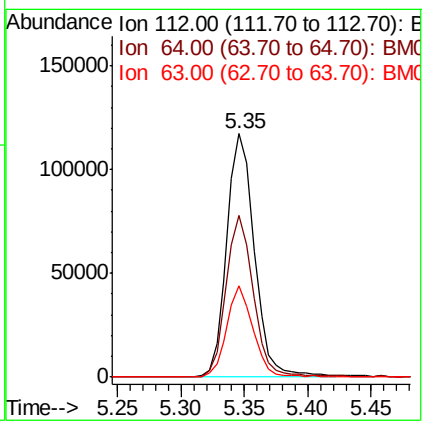


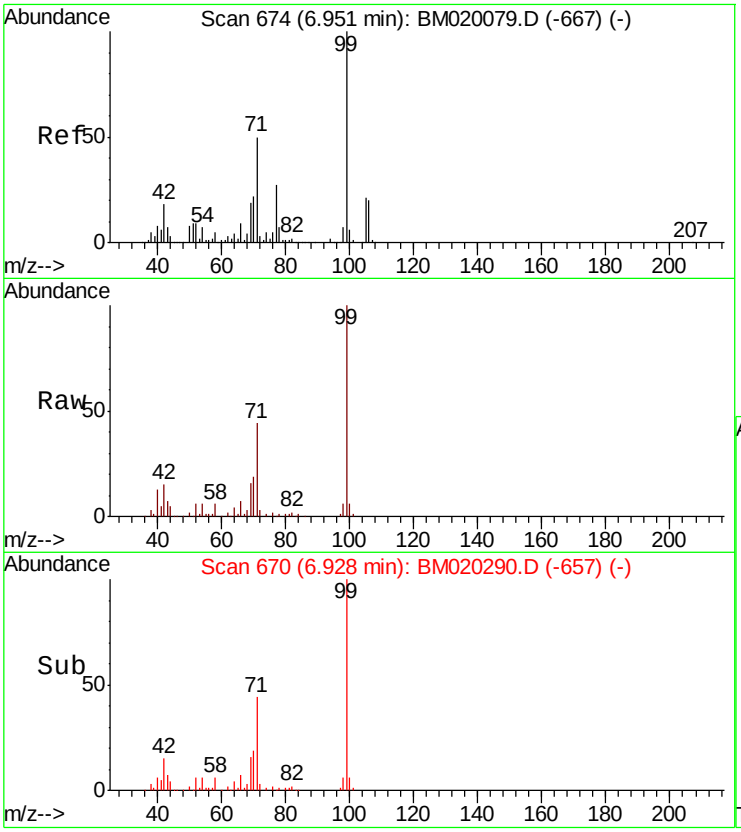


#5
2-Fluorophenol
Concen: 58.990 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:112 Resp: 178274

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.8	80.6
63	37.5	32.3	48.5



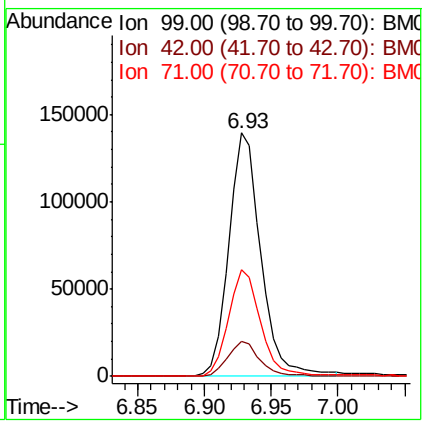


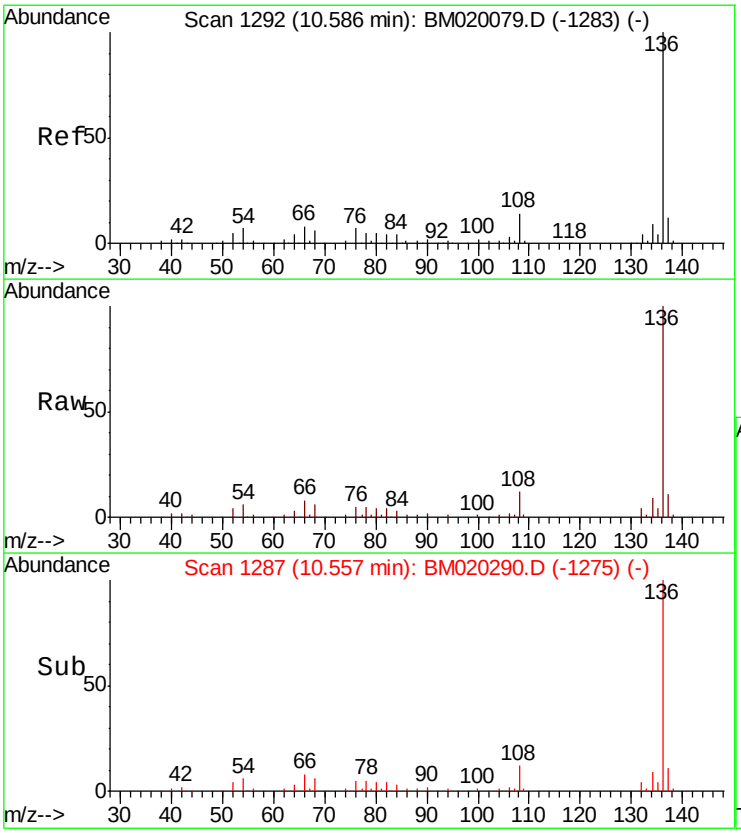
#7
Phenol-d6
Concen: 56.626 ng
RT: 6.93 min Scan# 670
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion: 99 Resp: 233787

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.2	21.2
71	43.8	40.3	60.5

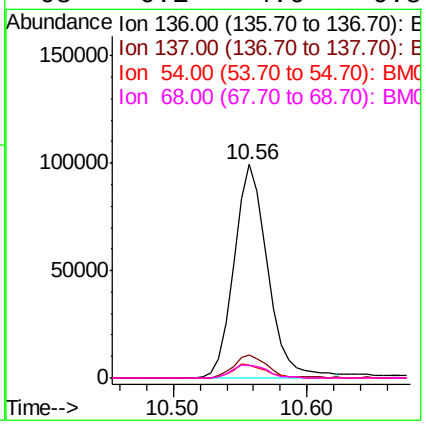


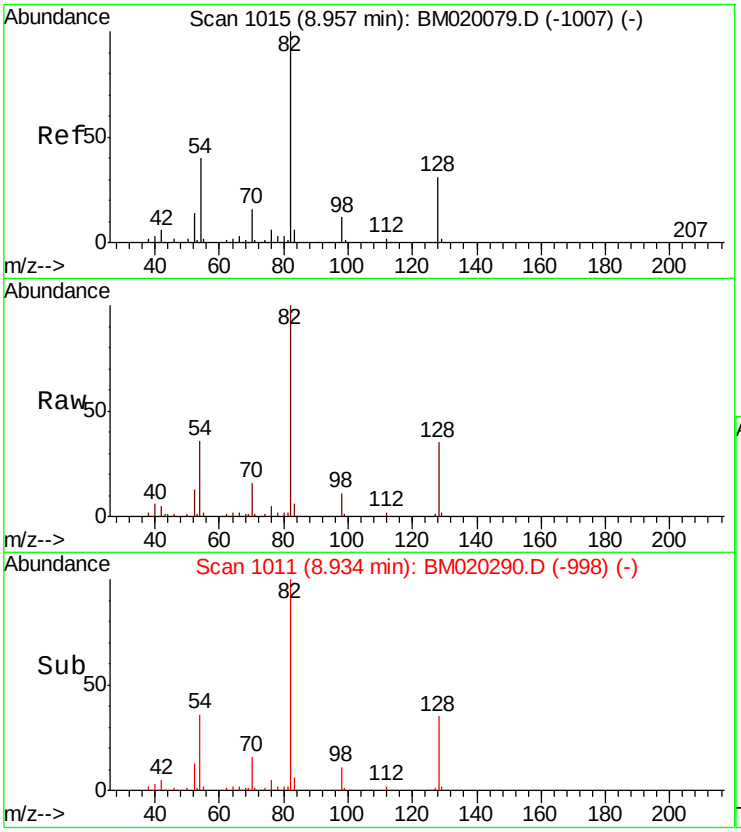


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:136 Resp: 173946

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	6.0	5.5	8.3
68	6.1	4.6	6.8



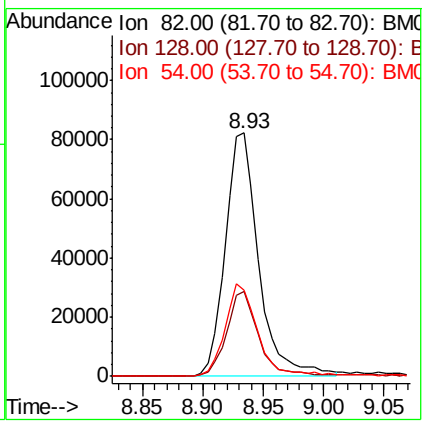


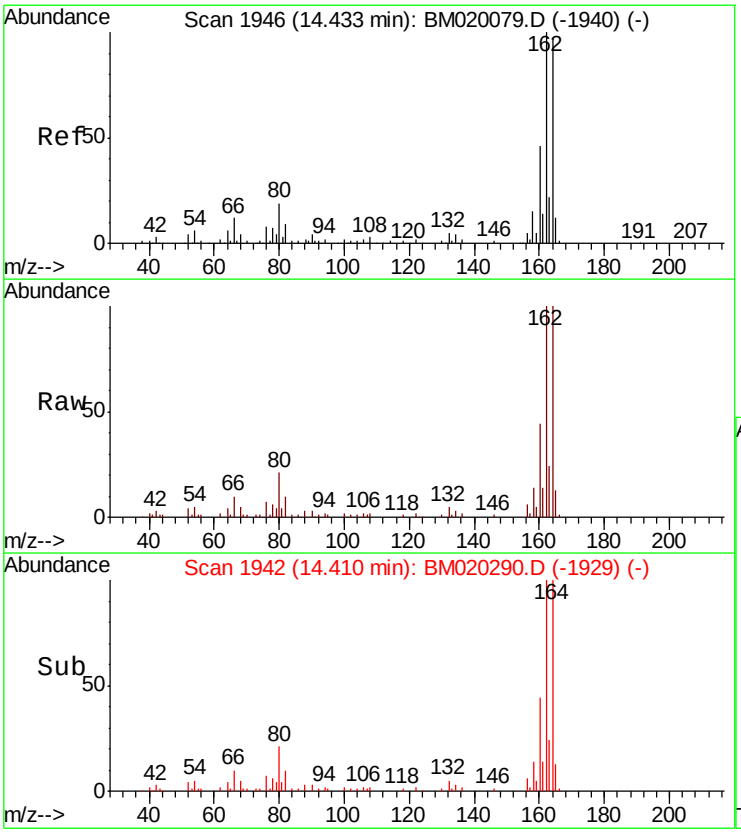
#23
Nitrobenzene-d5
Concen: 35.978 ng
RT: 8.93 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion: 82 Resp: 158517

Ion	Ratio	Lower	Upper
82	100		
128	35.0	25.2	37.8
54	35.6	31.9	47.9

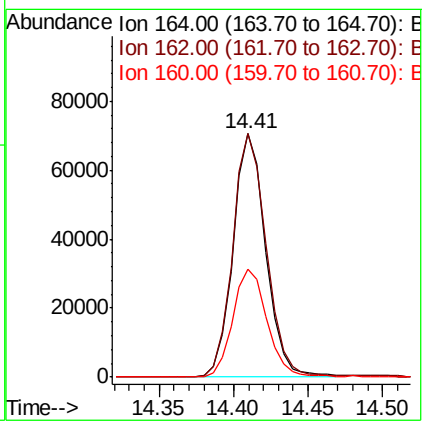


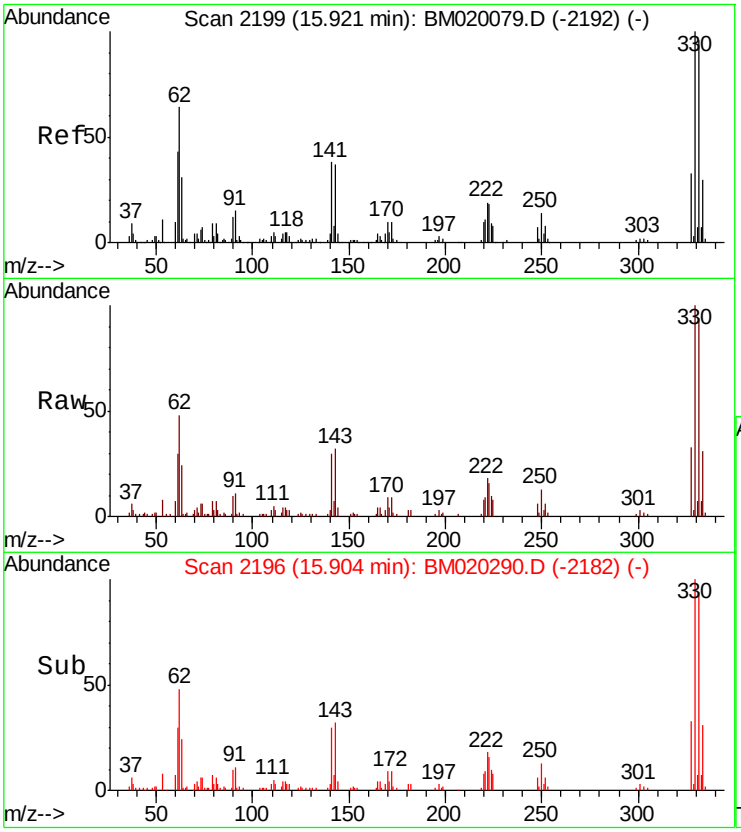


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:164 Resp: 107646

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.2
160	44.4	37.6	56.4



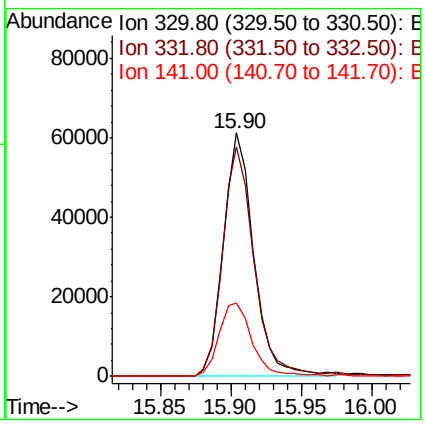


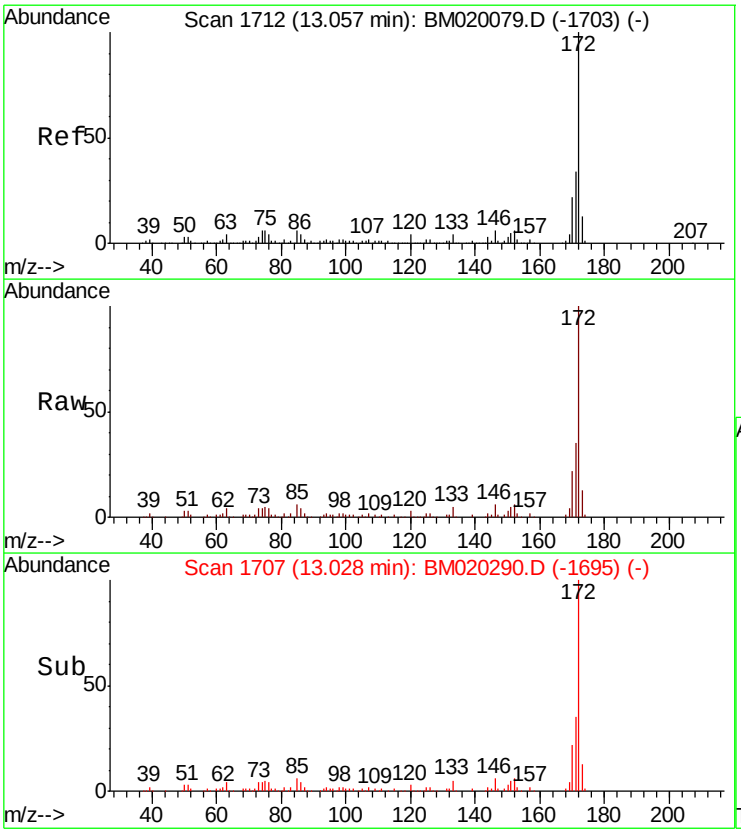
#42
2,4,6-Tribromophenol
Concen: 54.895 ng
RT: 15.90 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:330 Resp: 91723

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	32.7	29.2	43.8

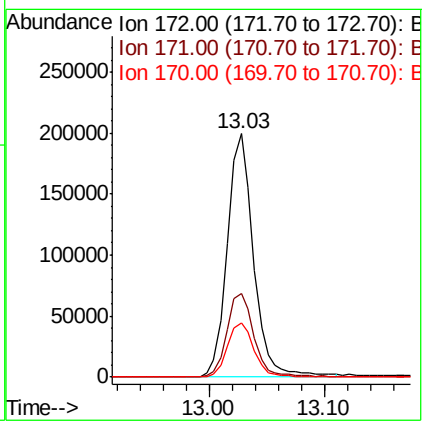


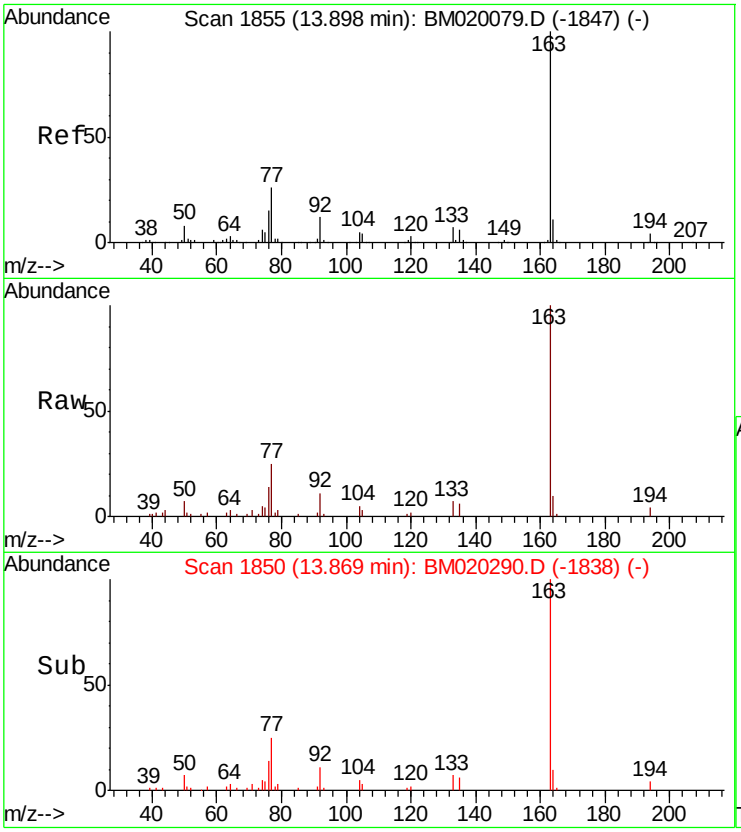


#45
2-Fluorobiphenyl
Concen: 36.017 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:172 Resp: 315121

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.3	40.9
170	22.5	17.9	26.9



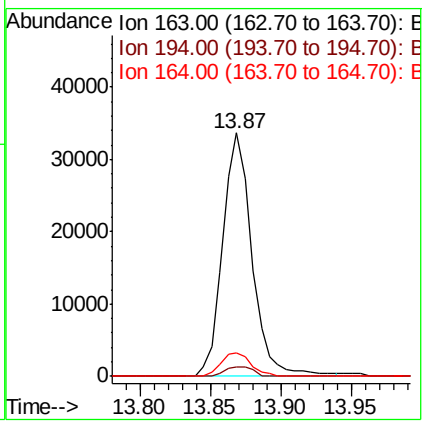


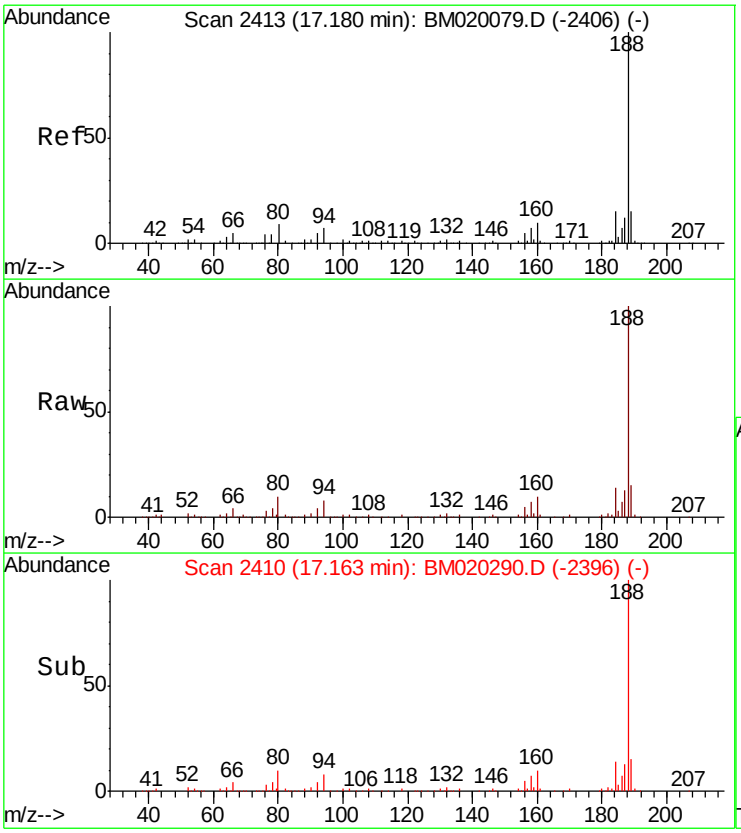
#50
Dimethylphthalate
Concen: 5.341 ng
RT: 13.87 min Scan# 1850
Delta R.T. -0.03 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:163 Resp: 48861

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.6	8.4	12.6

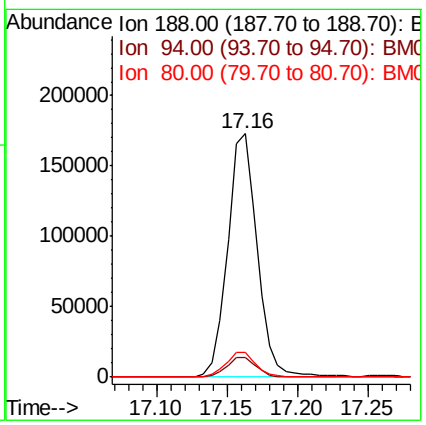


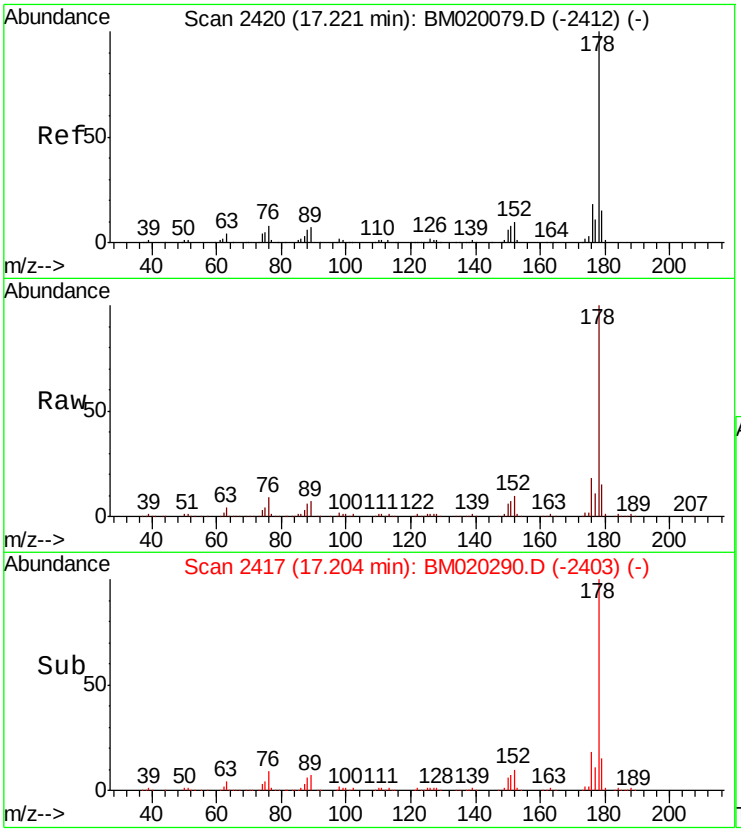


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:188 Resp: 251875

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	10.1	7.4	11.2



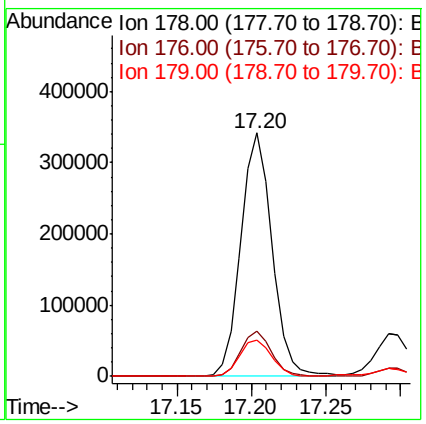


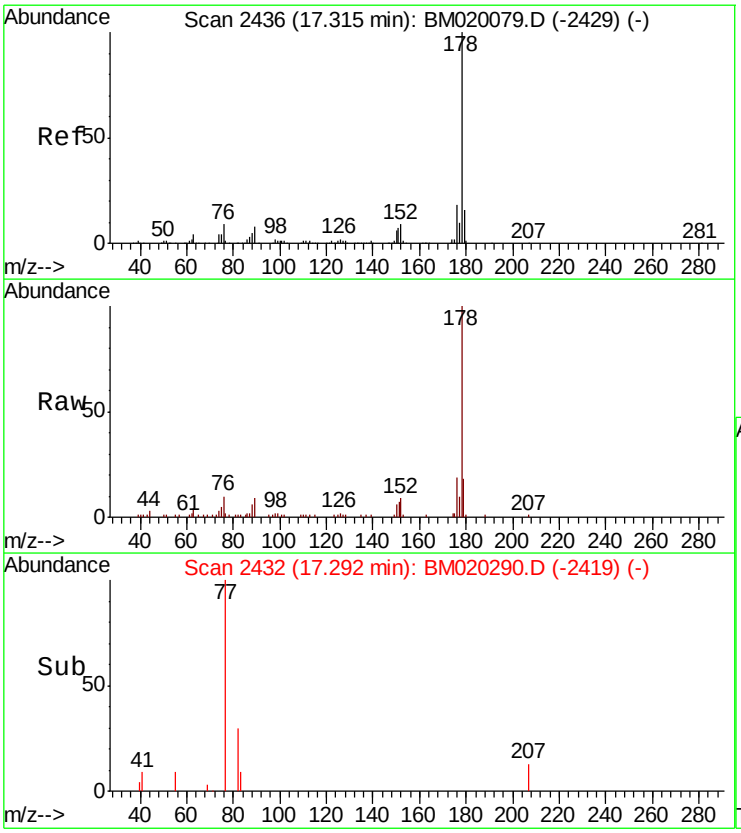
#71
Phenanthrene
Concen: 35.615 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:178 Resp: 495178

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	14.9	12.4	18.6

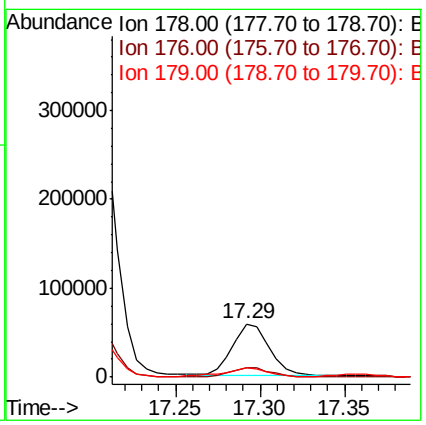


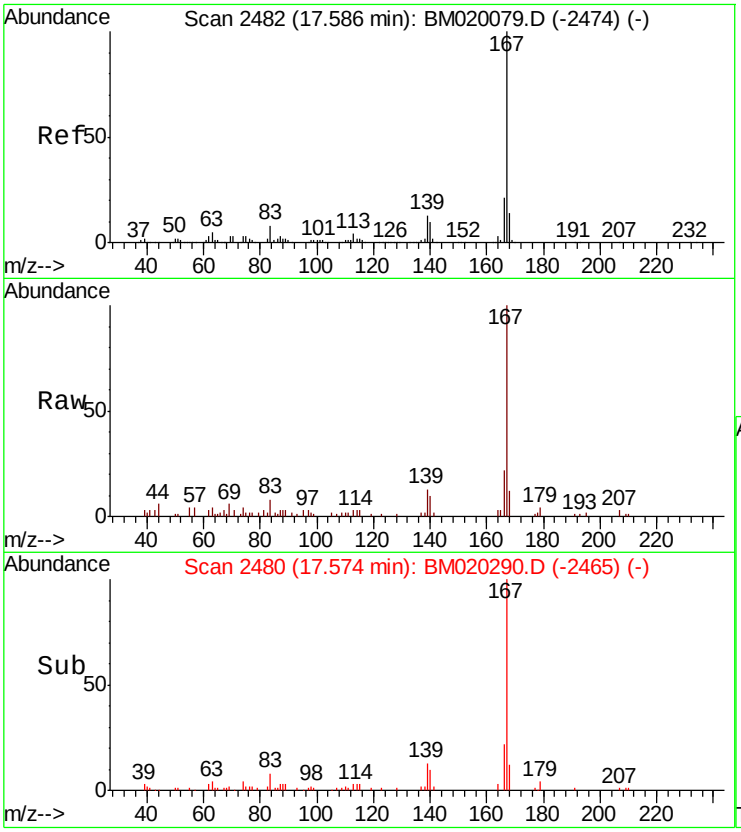


#72
Anthracene
Concen: 6.400 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:178 Resp: 88962

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	17.5	12.4	18.6



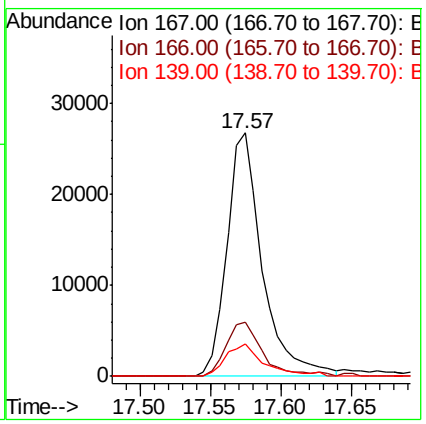


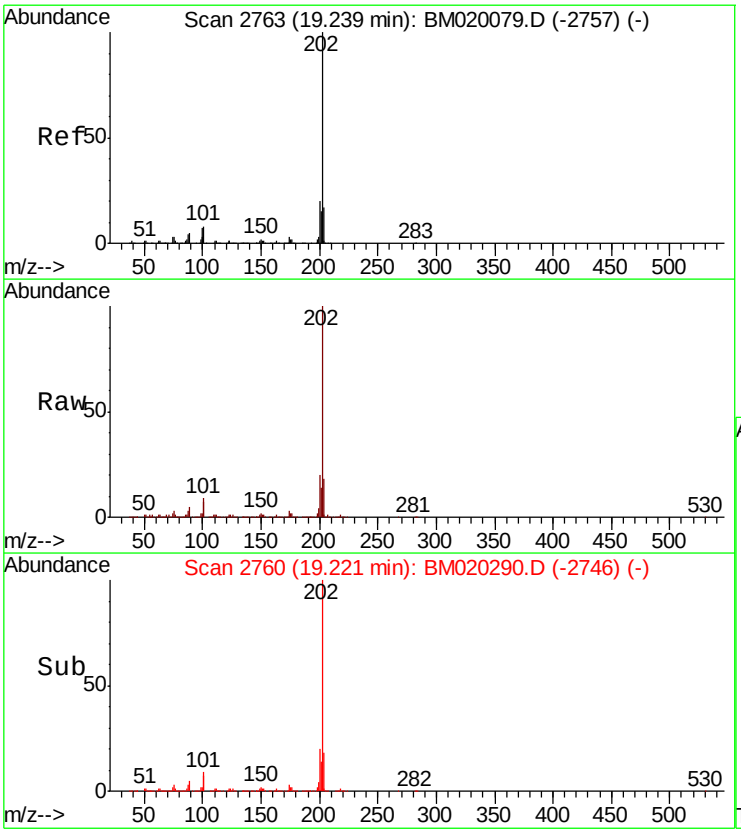
#73
Carbazole
Concen: 3.726 ng
RT: 17.57 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:167 Resp: 46742

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.6
139	13.4	10.6	16.0

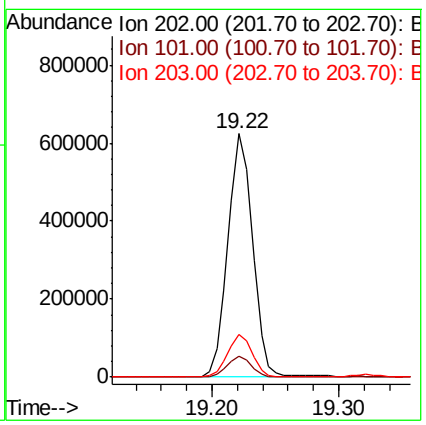


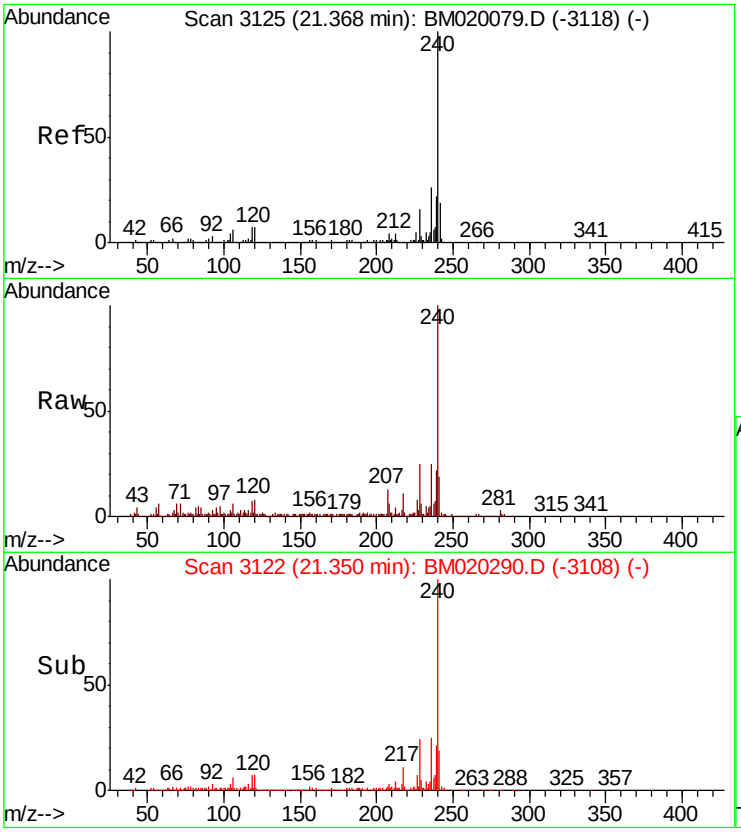


#75
Fluoranthene
Concen: 47.806 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:202 Resp: 840992

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.4
203	17.6	0.0	37.4



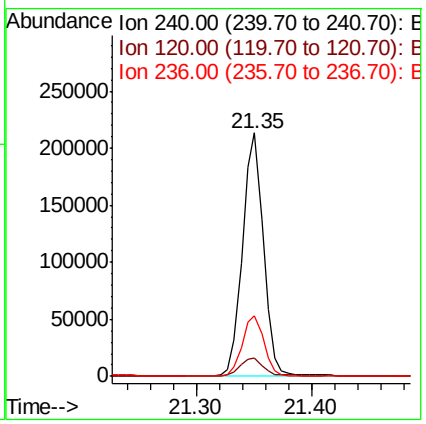


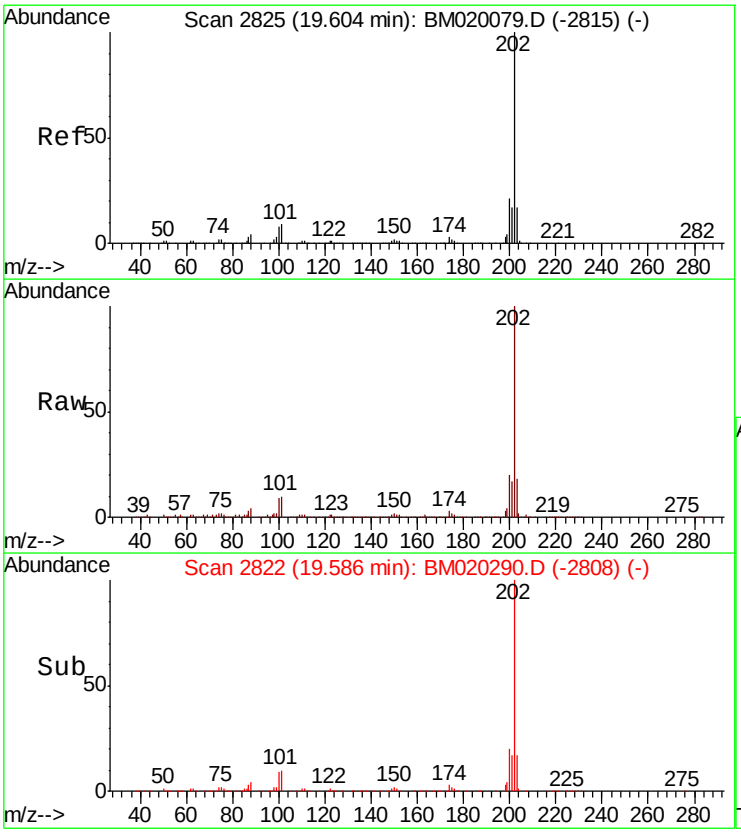
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:240 Resp: 269779

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.6	8.4
236	25.0	20.9	31.3

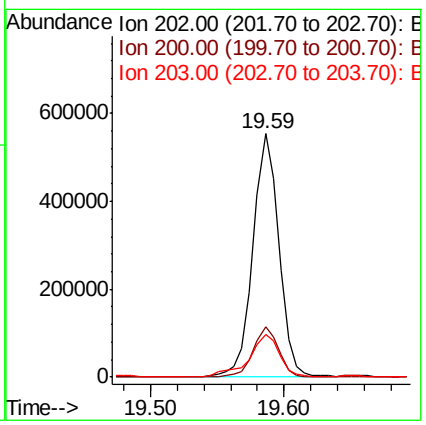


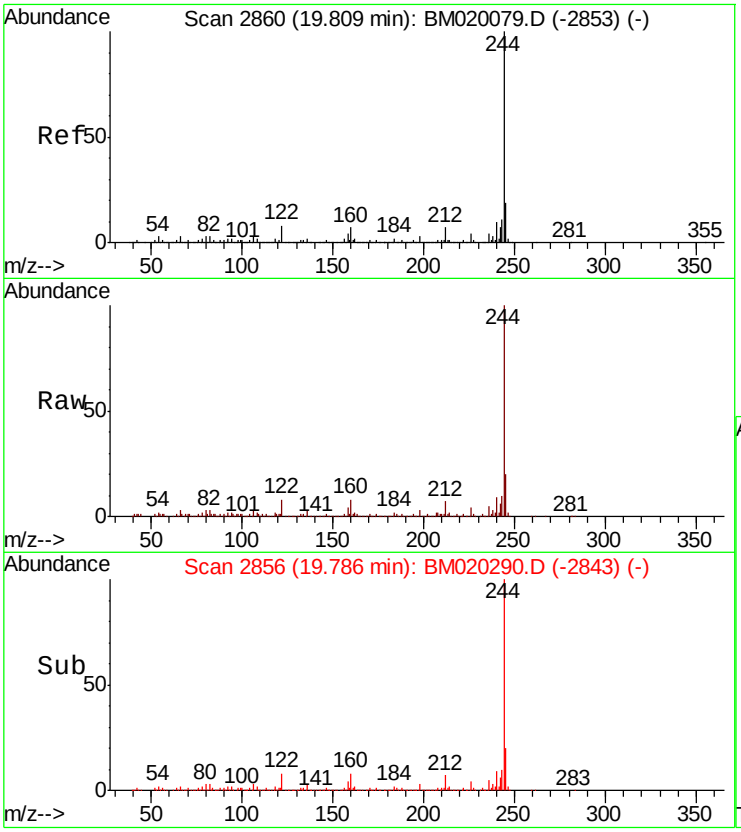


#78
Pyrene
Concen: 40.826 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:202 Resp: 739472

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.6	13.9	20.9



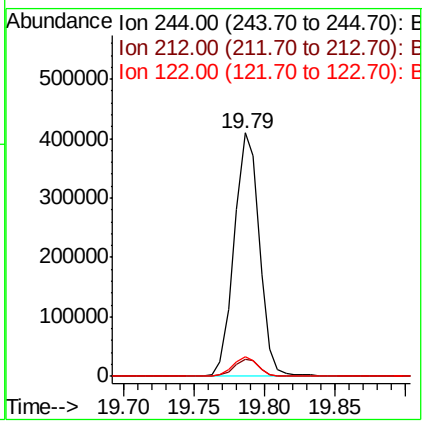


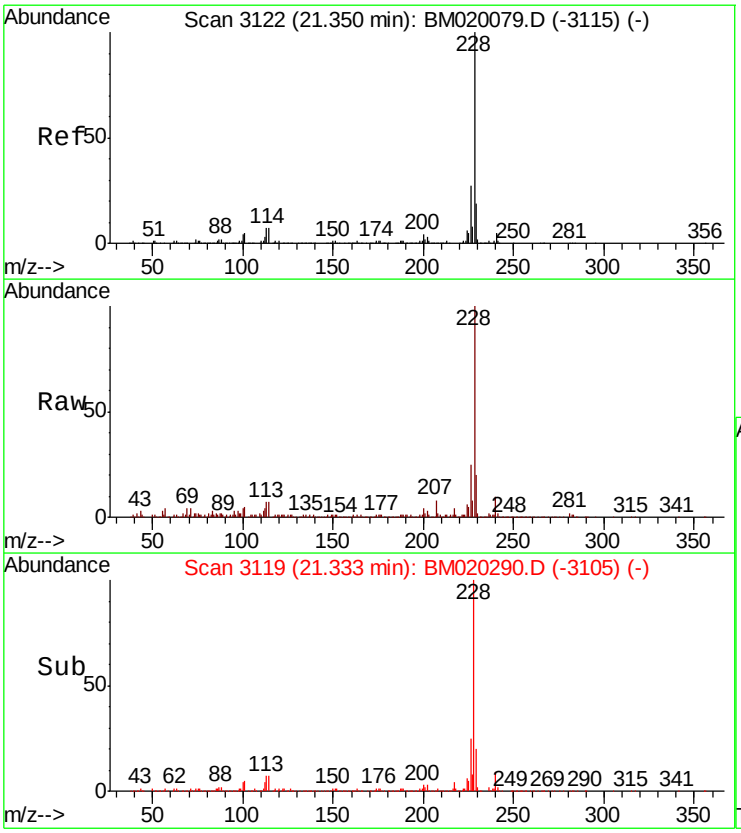
#79
Terphenyl-d14
Concen: 32.972 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:244 Resp: 509976

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	7.8	6.2	9.2

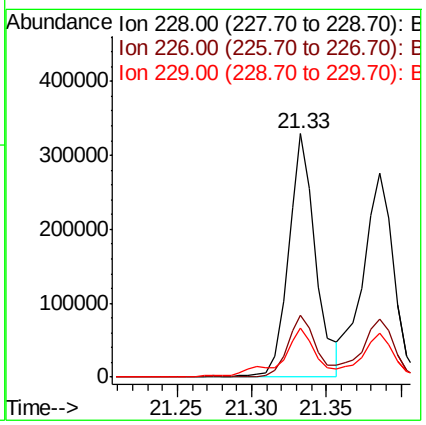


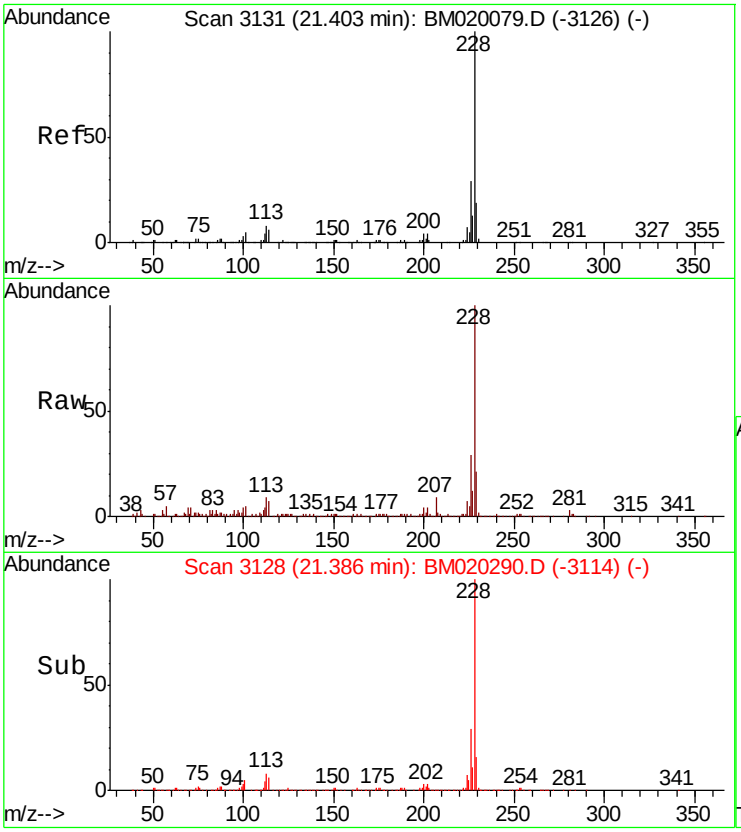


#81
Benzo(a)anthracene
Concen: 21.958 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:228 Resp: 415444

Ion	Ratio	Lower	Upper
228	100		
226	25.3	21.3	31.9
229	20.0	15.5	23.3



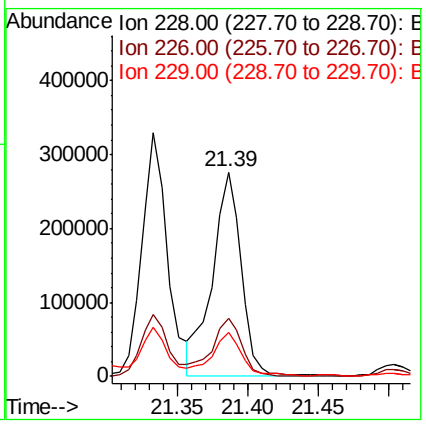


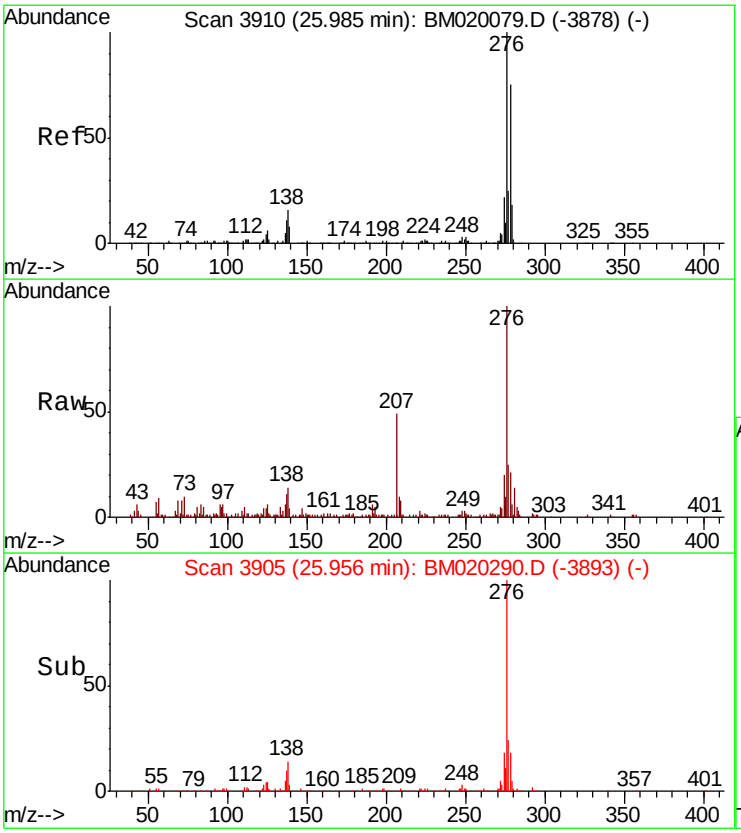
#83
Chrysene
Concen: 21.134 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:228 Resp: 387785

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	21.4	15.5	23.3

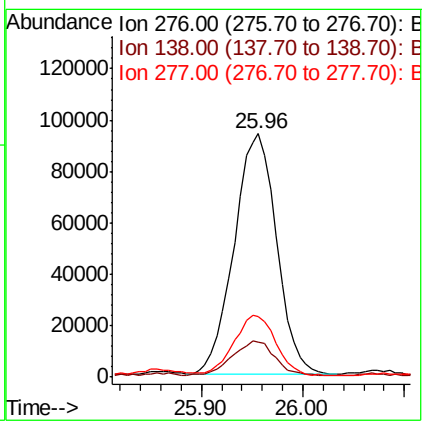


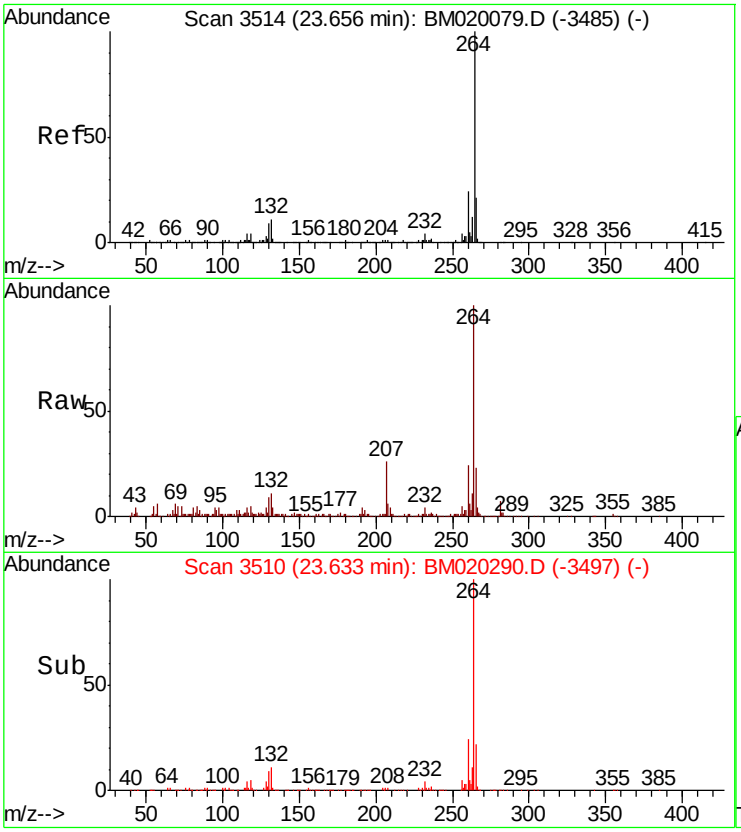


#86
Indeno(1,2,3-cd)pyrene
Concen: 12.521 ng
RT: 25.96 min Scan# 3905
Delta R.T. -0.03 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:276 Resp: 273266

Ion	Ratio	Lower	Upper
276	100		
138	14.3	0.0	0.0#
277	24.8	0.0	0.0#



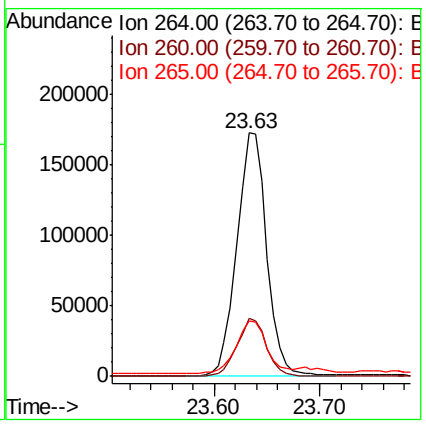


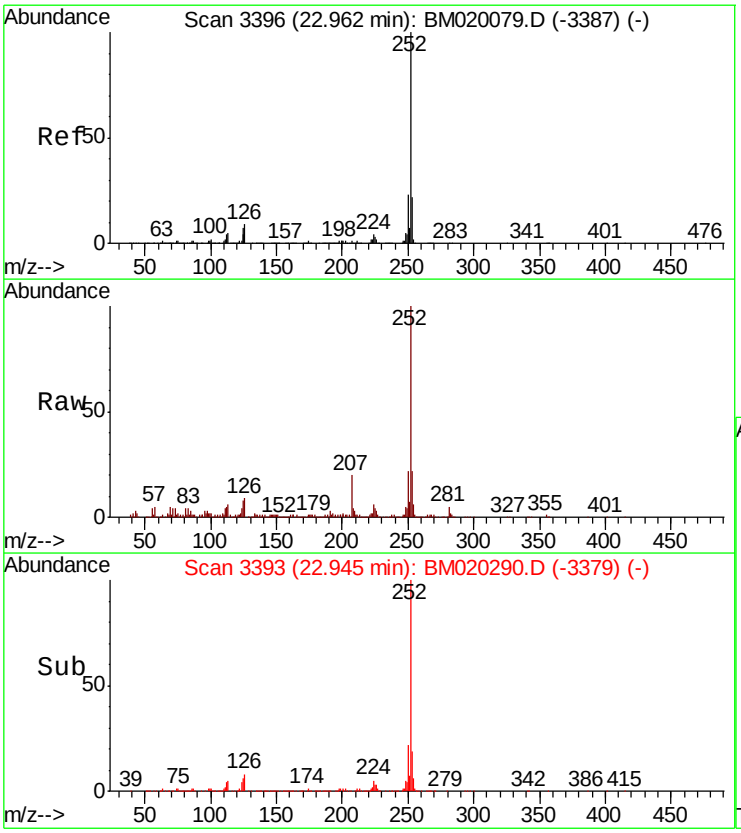
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:264 Resp: 338691

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.7	16.9	25.3

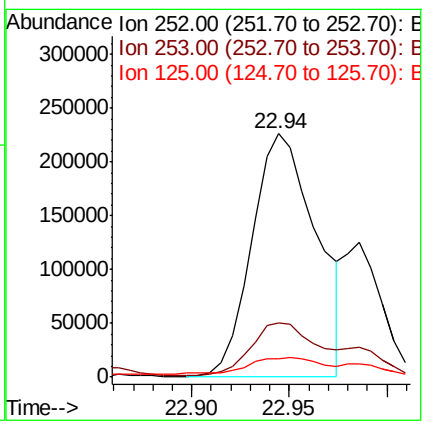


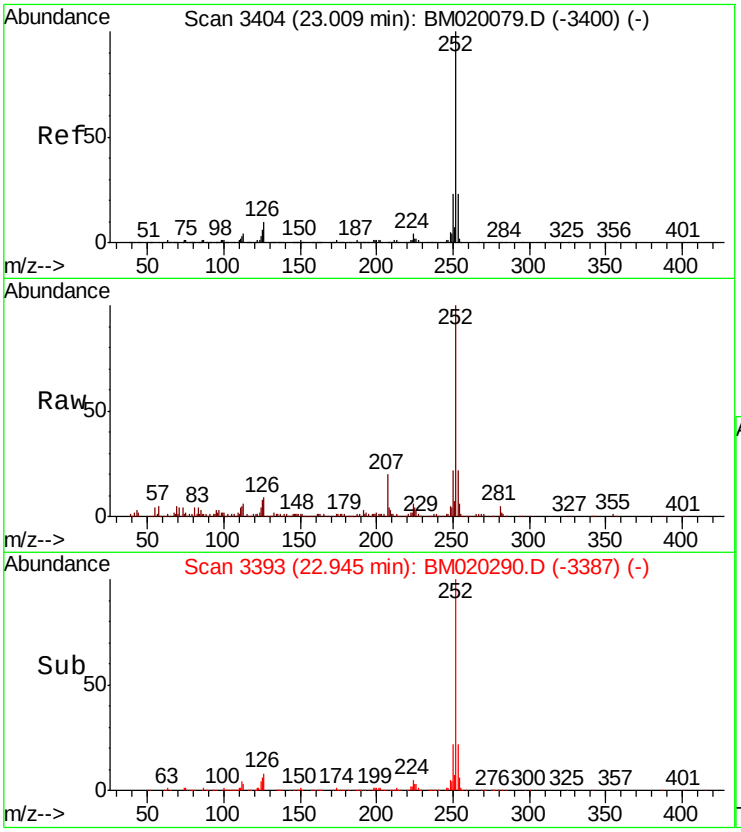


#88
Benzo(b)fluoranthene
Concen: 23.042 ng
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:252 Resp: 515333

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	7.6	5.4	8.2



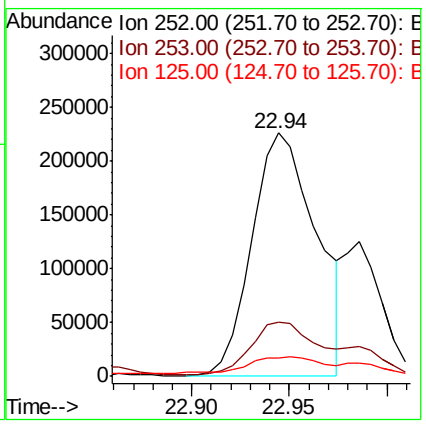


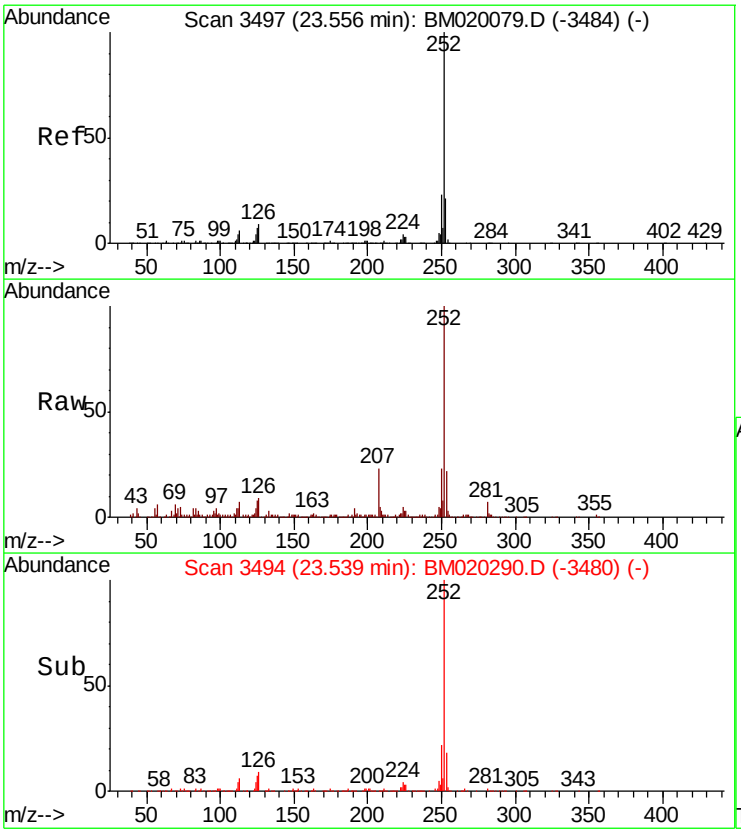
#89
Benzo(k)fluoranthene
Concen: 25.260 ng
RT: 22.94 min Scan# 3393
Delta R.T. -0.06 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:252 Resp: 515333

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	7.6	5.4	8.0

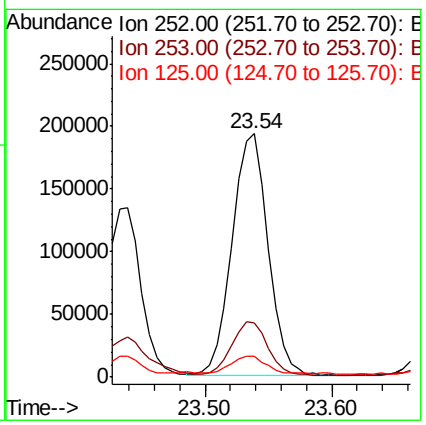


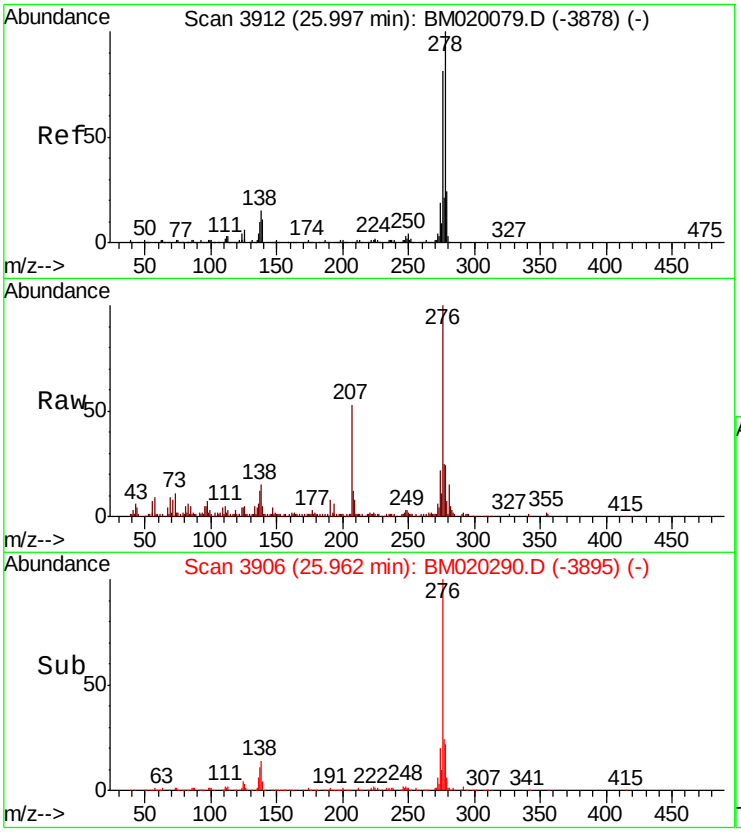


#90
Benzo(a)pyrene
Concen: 18.597 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:252 Resp: 377807

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.4	5.5	8.3#



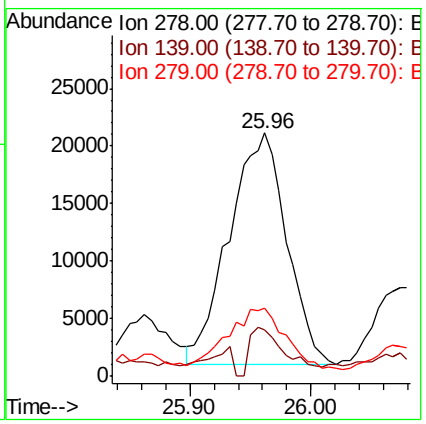


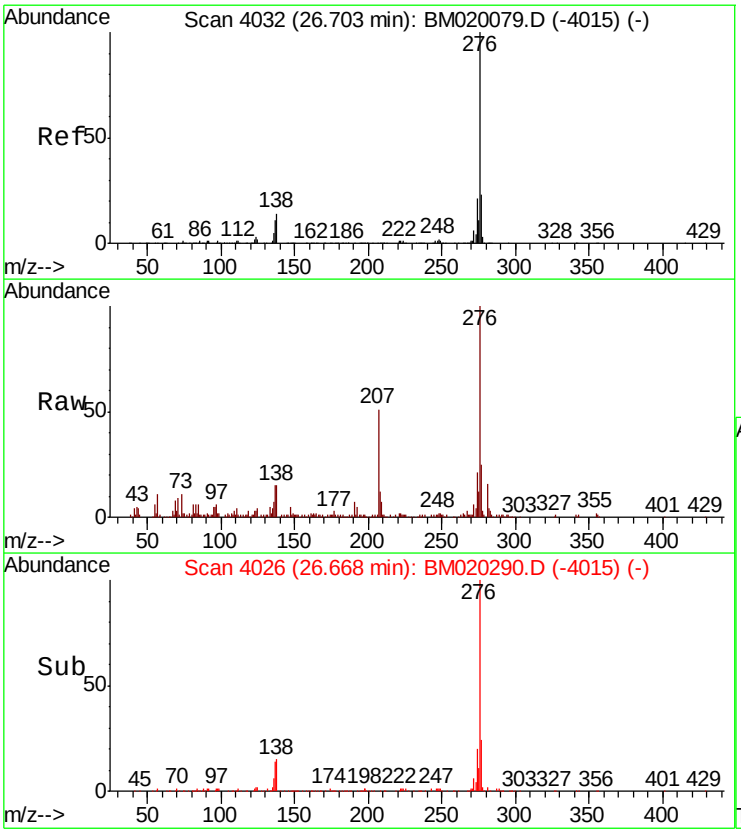
#91
Dibenzo(a,h)anthracene
Concen: 3.156 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.04 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Instrument :
BNA_M
ClientSampleId :
P-3-OW(0-10)DL

Tgt Ion:278 Resp: 66675

Ion	Ratio	Lower	Upper
278	100		
139	19.1	8.6	13.0#
279	28.2	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 14.006 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.04 min
Lab File: BM020290.D
Acq: 12 May 2019 02:57

Tgt Ion:276 Resp: 280921

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	15.2	11.1	16.7