Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022777.D
Acq On : 25 Sep 2019 18:30
Operator : JU
Sample : K4997-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-10-091919

Quant Time: Sep 26 06:01:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	215207	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	772771	20.00	ng		-0.01
39) Acenaphthene-d10	14.45	164	424439	20.00	ng		-0.01
64) Phenanthrene-d10	17.19	188	829552	20.00	ng		0.00
76) Chrysene-d12	21.37	240	891662	20.00	ng		-0.01
87) Perylene-d12	23.64	264	1068765	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1717596	126.58	ng		0.00
7) Phenol-d6	6.99	99	2283150	131.00	ng		0.00
23) Nitrobenzene-d5	8.97	82	1300411	93.41	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	815309	153.88	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	3088408	100.20	ng		0.00
79) Terphenyl-d14	19.82	244	4402423	95.61	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.83	122	621	4.007	ng	#	79
49) Acenaphthylene	14.17	152	253909	6.549	ng		100
50) Dimethylphthalate	13.91	163	206697	6.739	ng		100
71) Phenanthrene	17.23	178	649133	13.868	ng		100
72) Anthracene	17.32	178	217646	4.798	ng		100
75) Fluoranthene	19.25	202	1148506	21.744	ng		98
78) Pyrene	19.61	202	1351615	23.130	ng		99
81) Benzo(a)anthracene	21.40	228	696254	12.048	ng		93
83) Chrysene	21.40	228	752262	13.427	ng		97
86) Indeno(1,2,3-cd)pyrene	25.94	276	436461	6.527	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1089905	16.843	ng		97
89) Benzo(k)fluoranthene	22.96	252	1086111	16.916	ng		98
90) Benzo(a)pyrene	23.54	252	647056	10.852	ng		98
92) Benzo(g,h,i)perylene	26.66	276	465140	7.852	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
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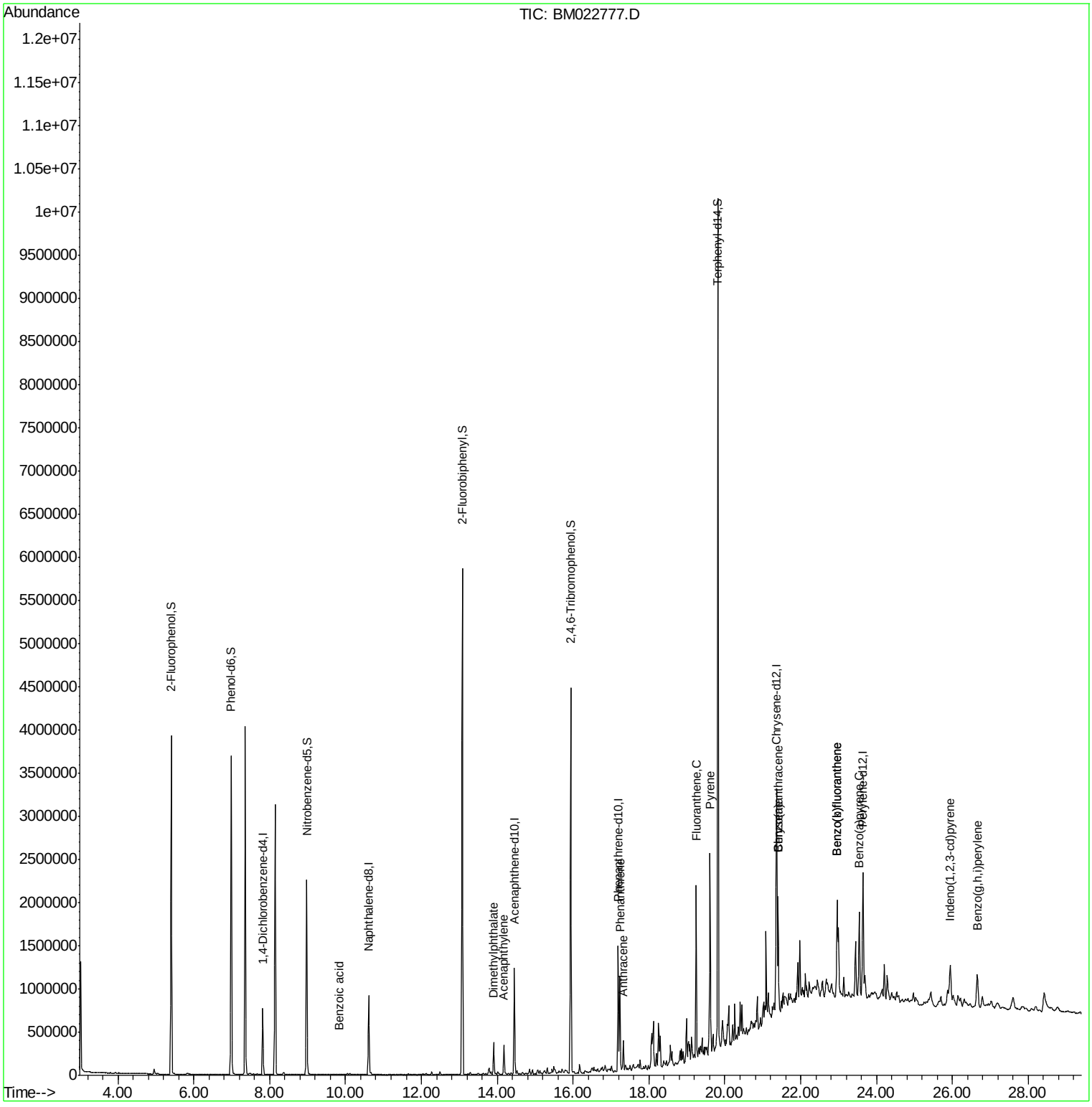
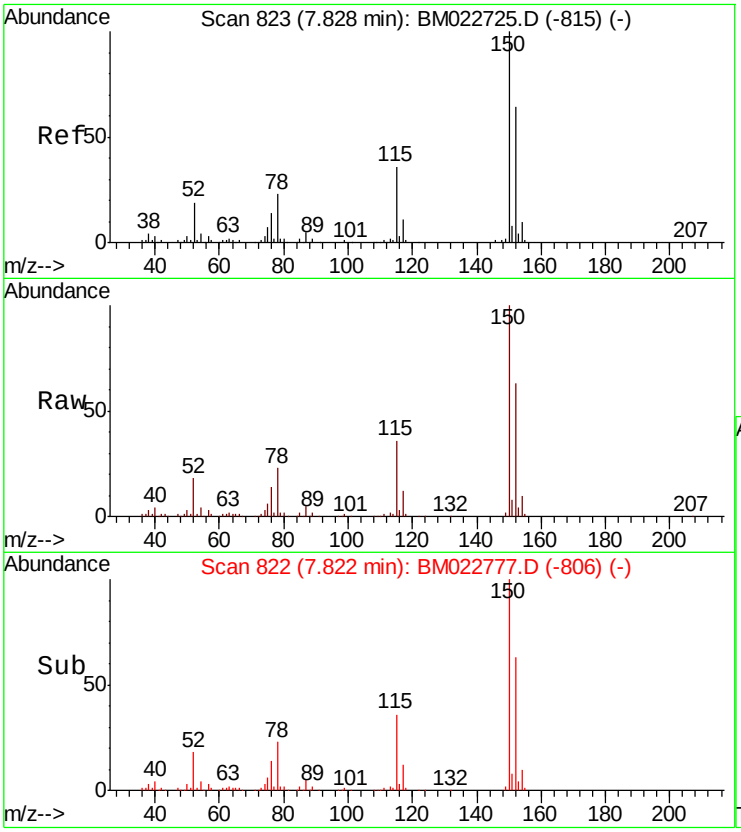
Quant Time: Sep 26 06:01:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration



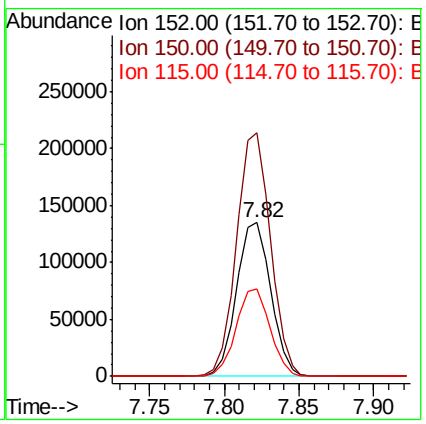


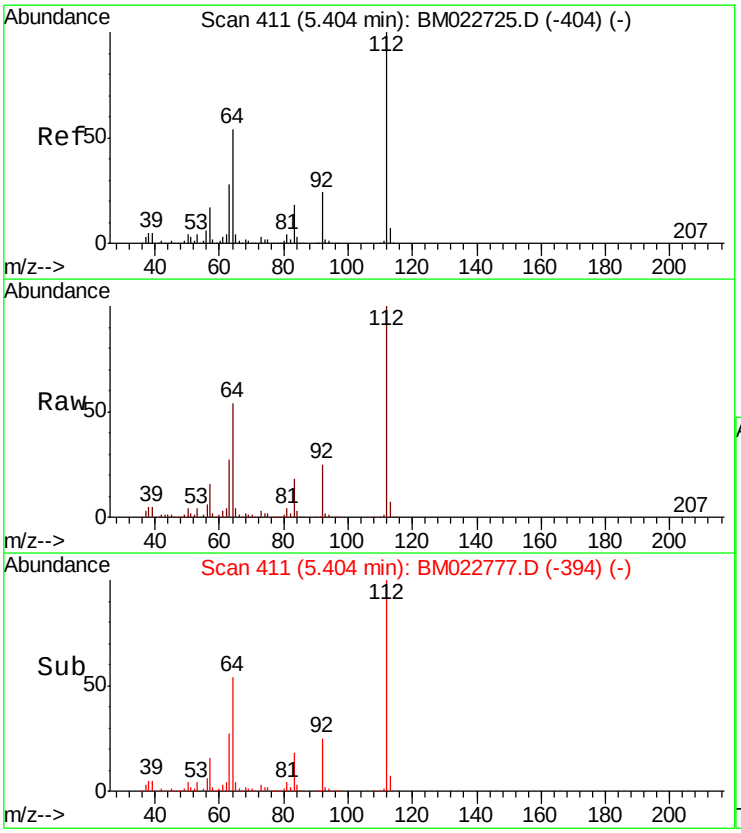
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:152 Resp: 215207

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.5	186.7
115	56.7	45.0	67.4

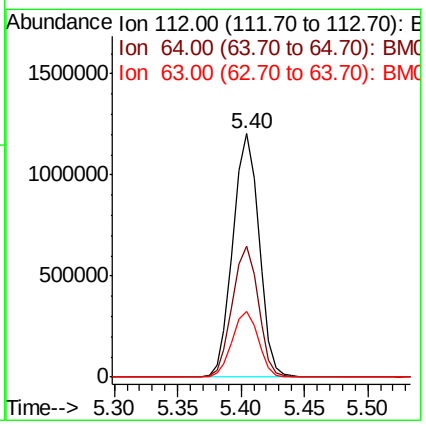


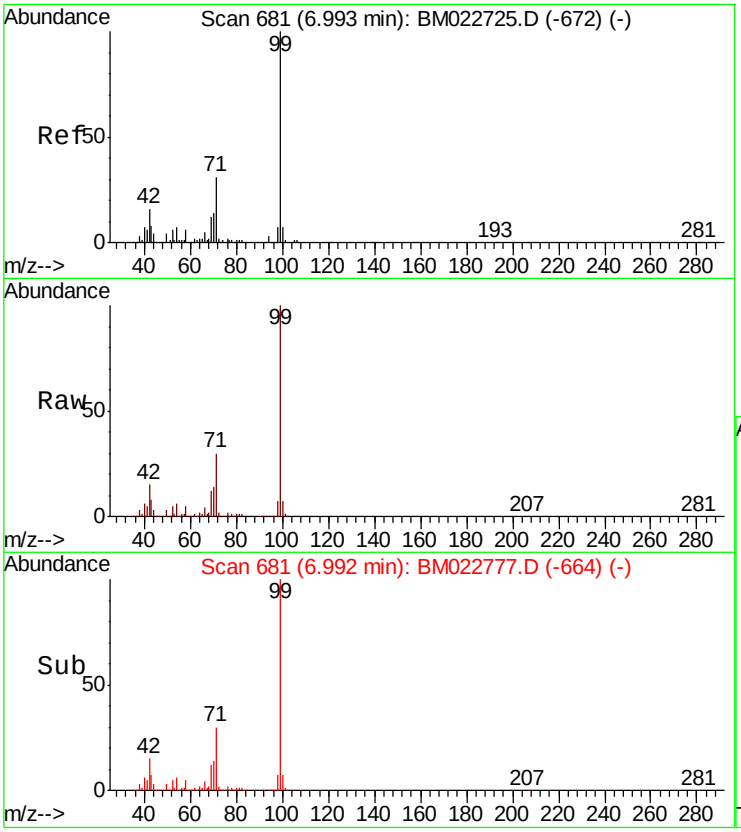


#5
2-Fluorophenol
Concen: 126.578 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:112 Resp: 1717596

Ion	Ratio	Lower	Upper
112	100		
64	53.5	43.4	65.2
63	27.2	22.1	33.1



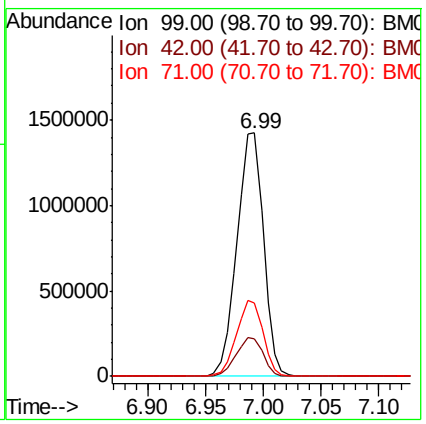


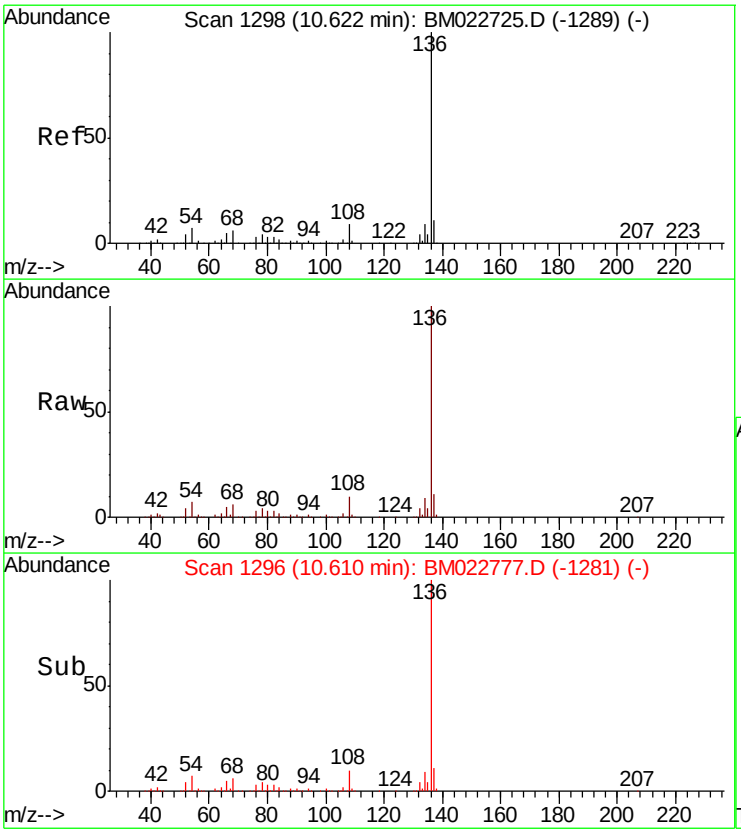
#7
Phenol-d6
Concen: 131.001 ng
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion: 99 Resp: 2283150

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.0	19.4
71	30.4	24.7	37.1

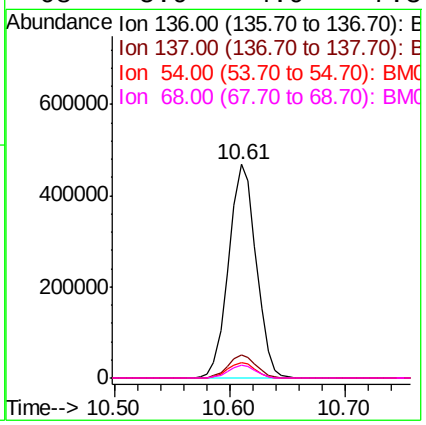


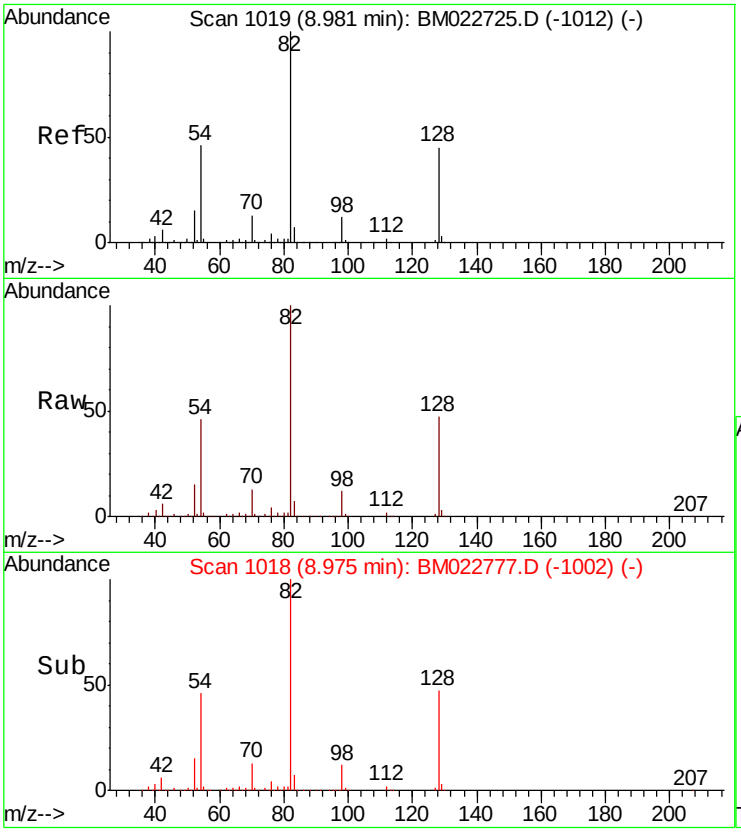


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:136 Resp: 772771

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.2	6.0	9.0
68	5.9	4.9	7.3



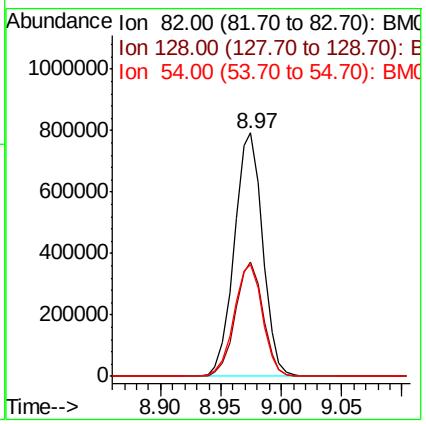


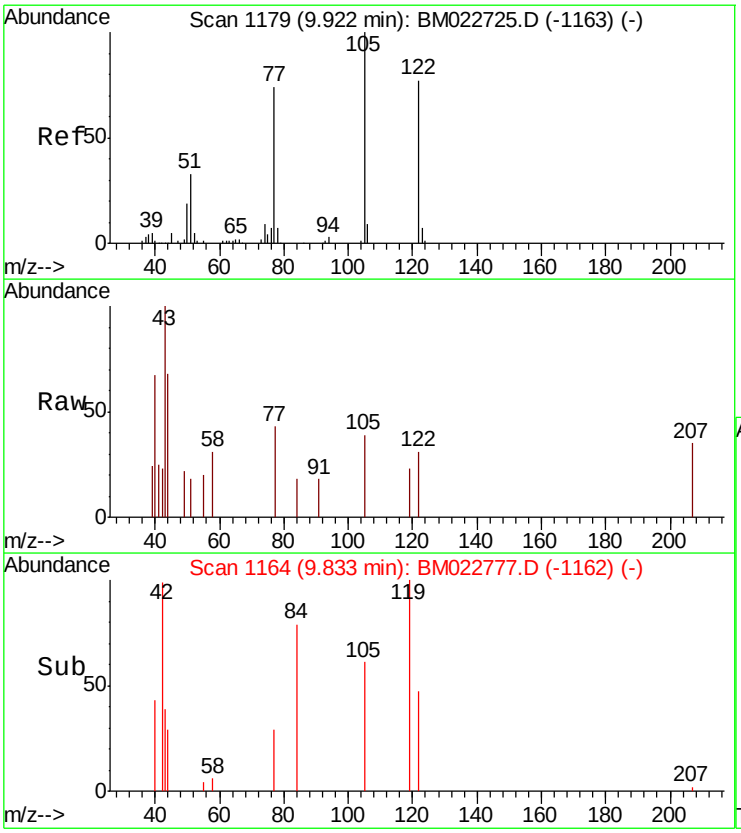
#23
Nitrobenzene-d5
Concen: 93.412 ng
RT: 8.97 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion: 82 Resp: 1300411

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.0	54.0
54	46.0	37.1	55.7

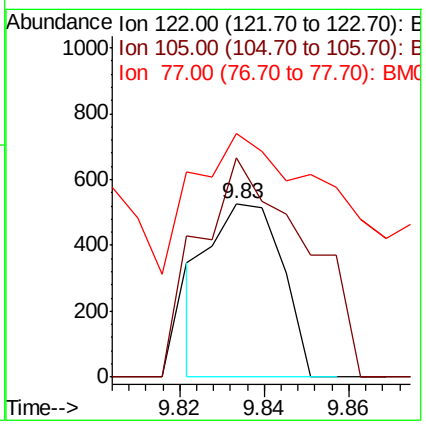


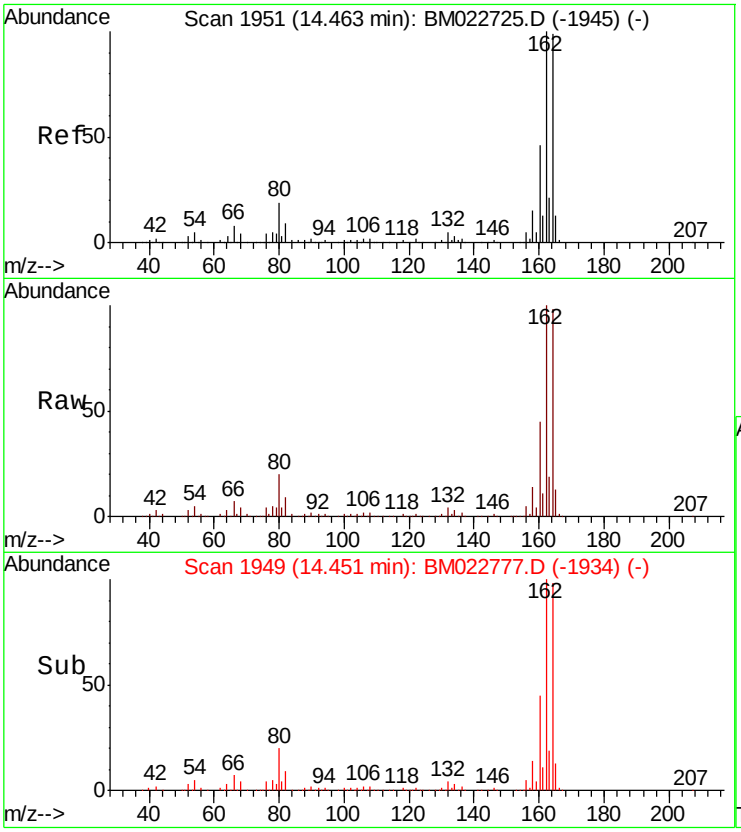


#32
Benzoic acid
Concen: 4.007 ng
RT: 9.83 min Scan# 1164
Delta R.T. -0.09 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:122 Resp: 621

Ion	Ratio	Lower	Upper
122	100		
105	126.2	105.3	145.3
77	140.2	74.7	114.7#



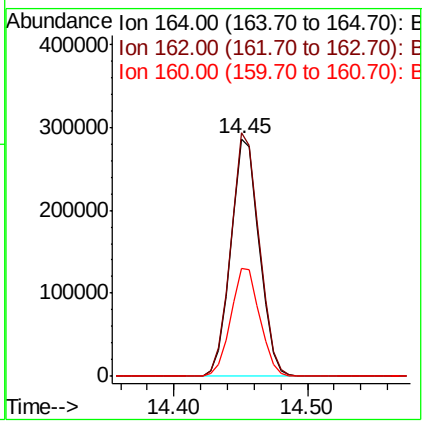


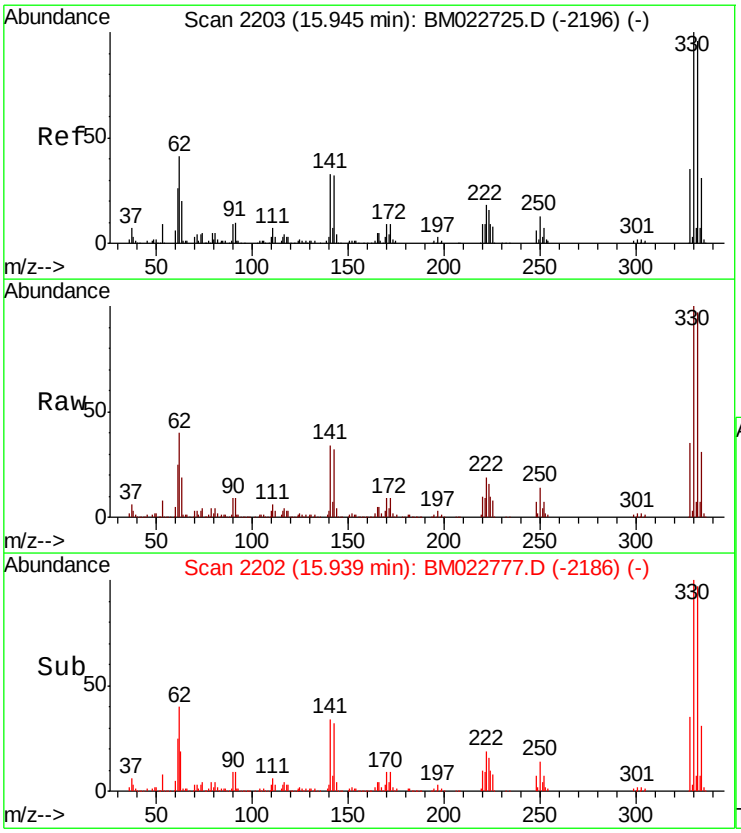
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:164 Resp: 424439

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.1	121.7
160	45.7	36.9	55.3

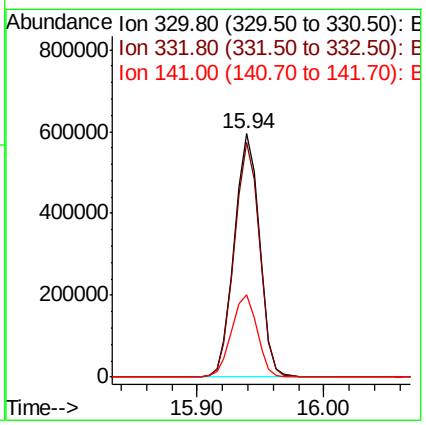


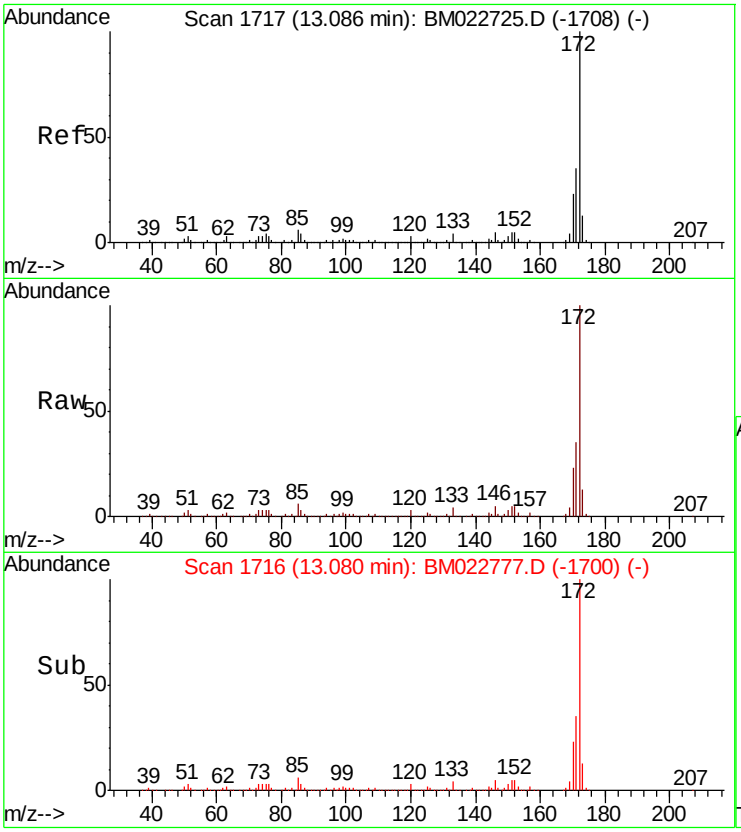


#42
2,4,6-Tribromophenol
Concen: 153.877 ng
RT: 15.94 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:330 Resp: 815309

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	34.0	28.6	42.8



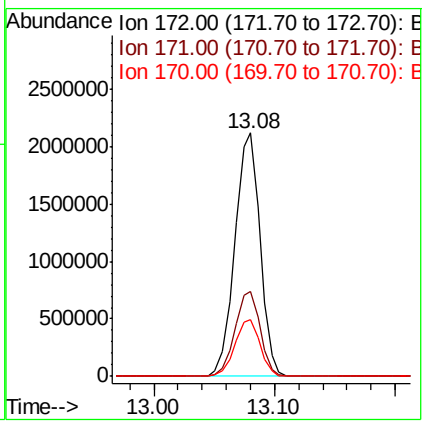


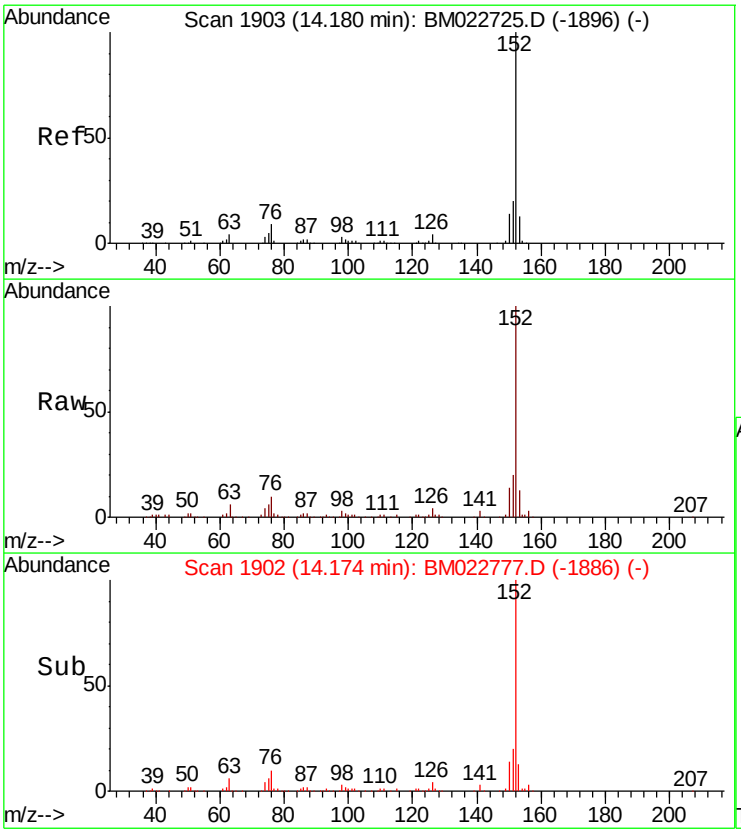
#45
2-Fluorobiphenyl
Concen: 100.200 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:172 Resp: 3088408

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.5	18.7	28.1

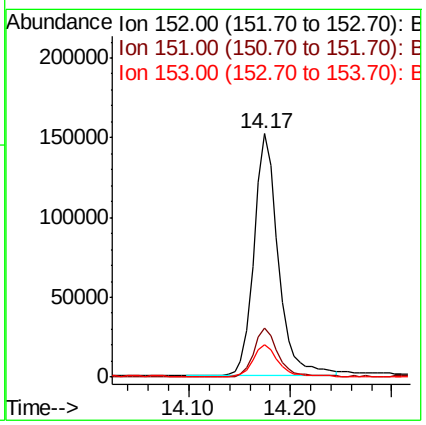


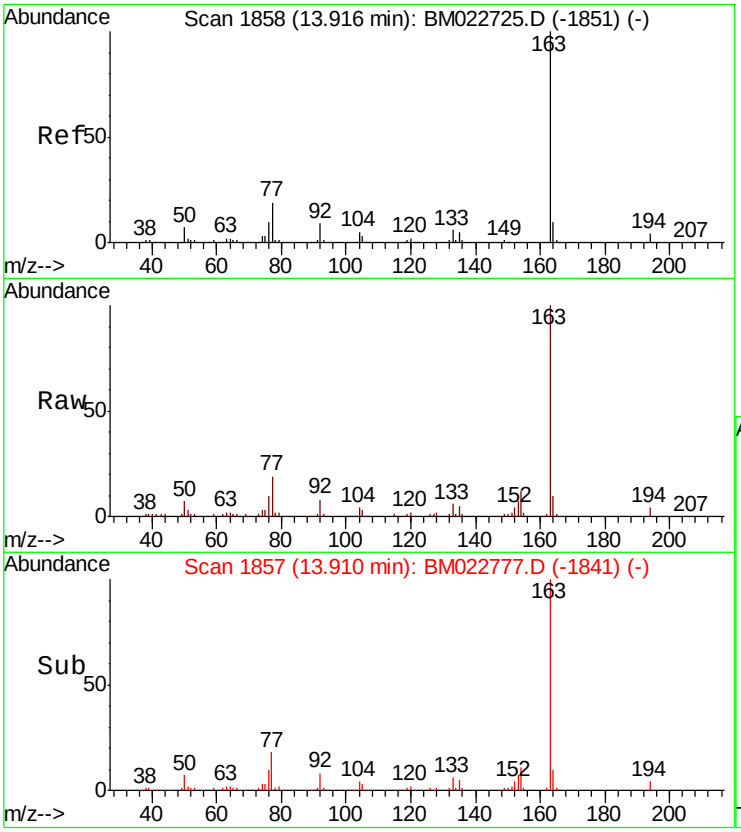


#49
Acenaphthylene
Concen: 6.549 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:152 Resp: 253909

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.2	10.5	15.7



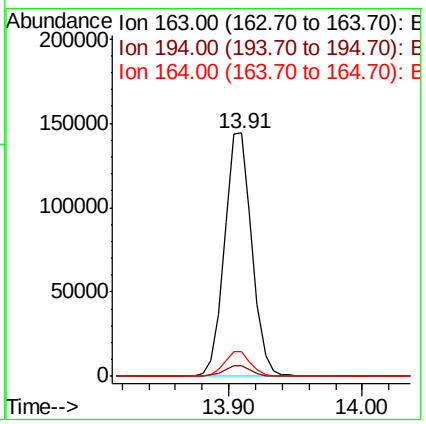


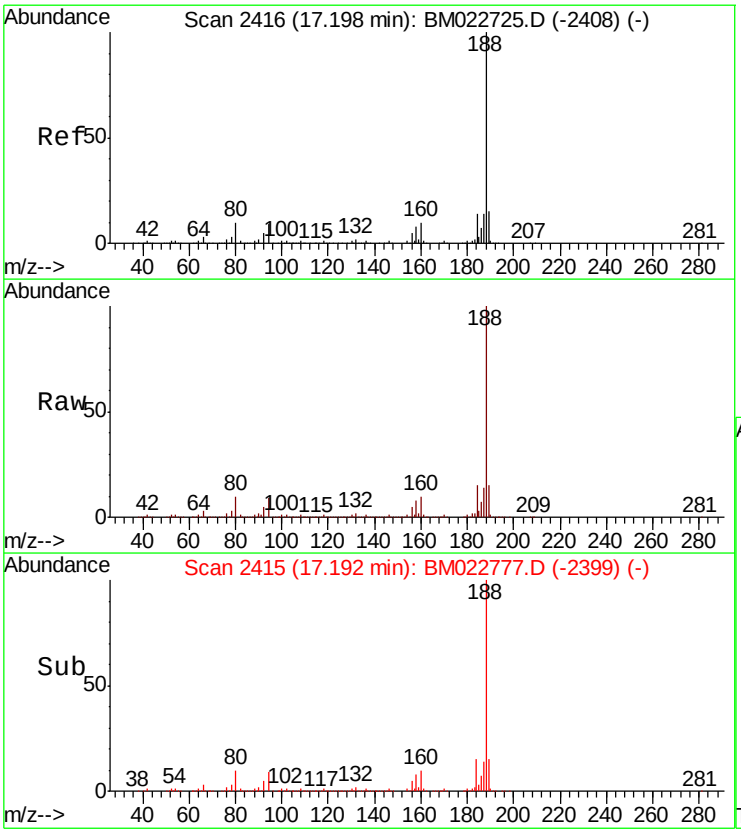
#50
Dimethylphthalate
Concen: 6.739 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:163 Resp: 206697

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	8.2	12.2

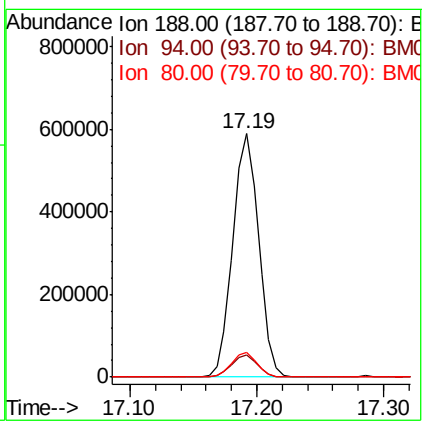


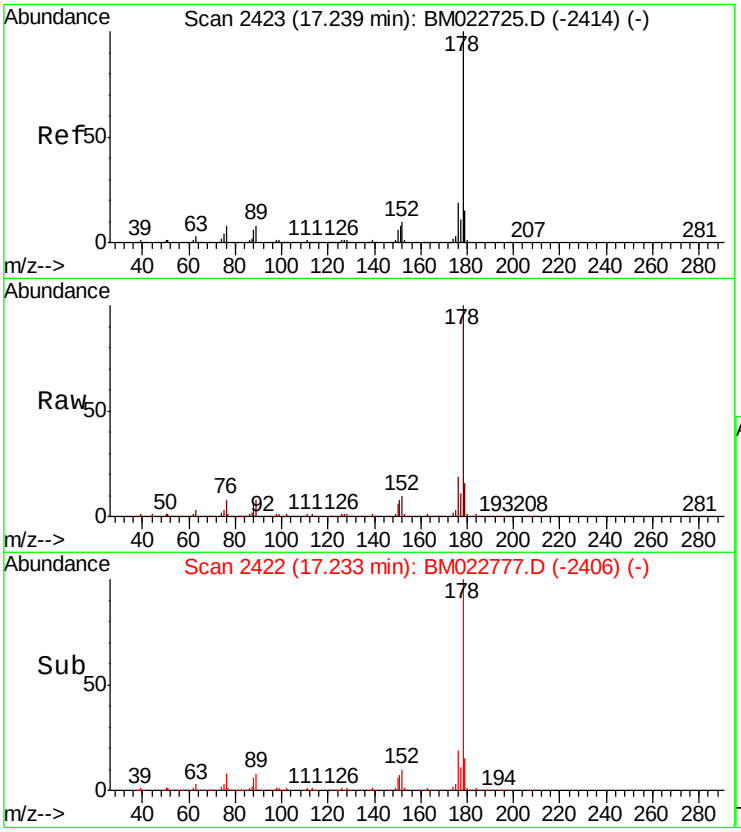


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:188 Resp: 829552

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.9	7.8	11.8



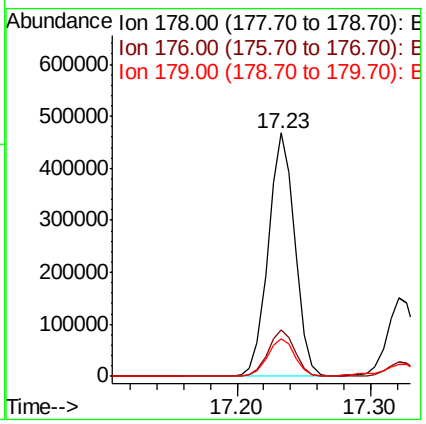


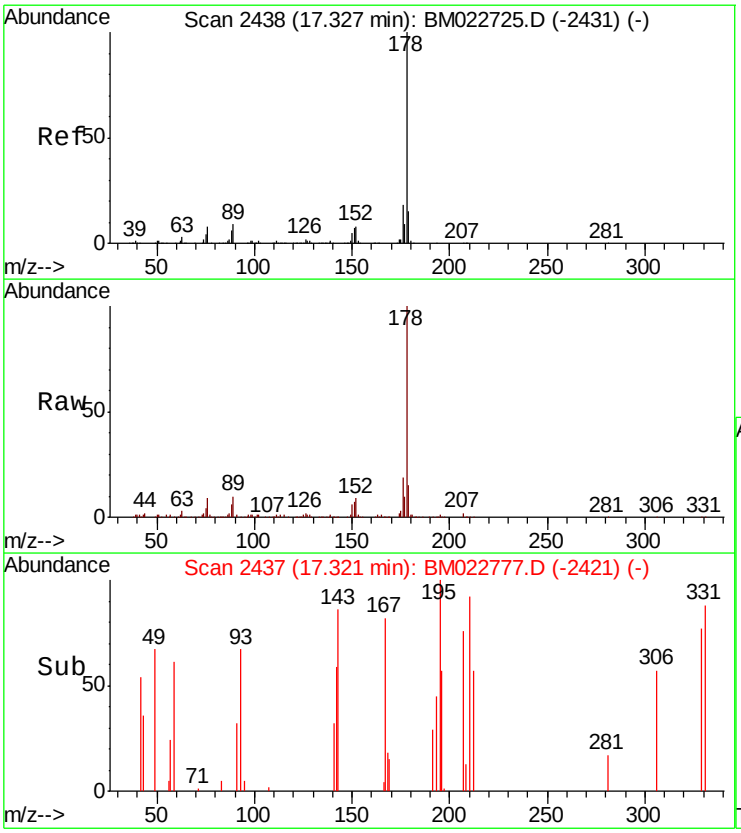
#71
Phenanthrene
Concen: 13.868 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:178 Resp: 649133

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.3	18.5

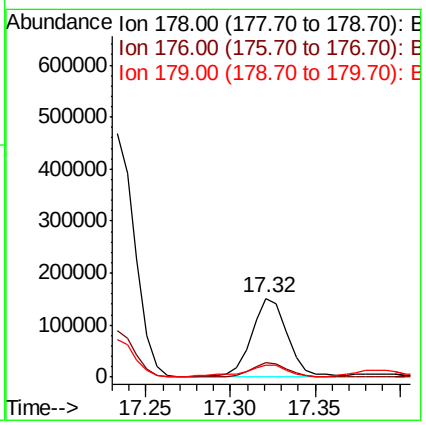


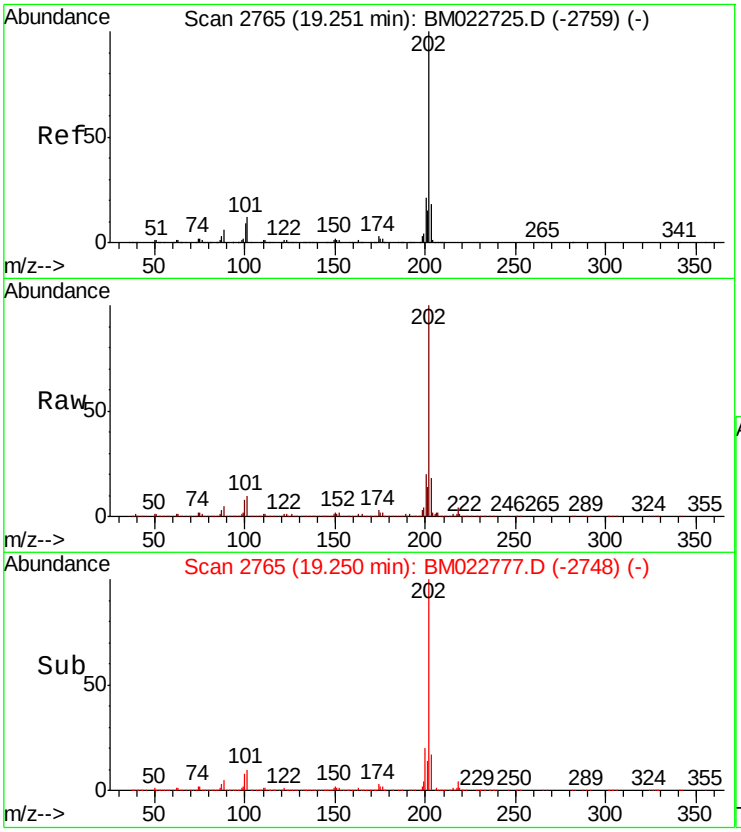


#72
Anthracene
Concen: 4.798 ng
RT: 17.32 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:178 Resp: 217646

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.5	12.2	18.4



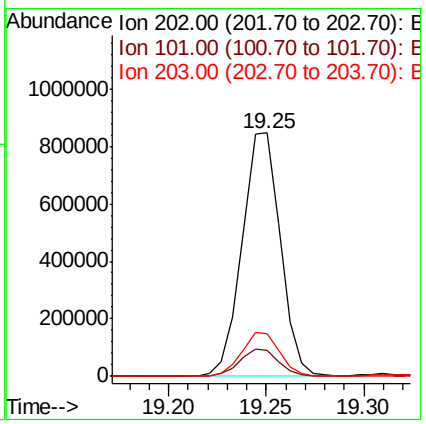


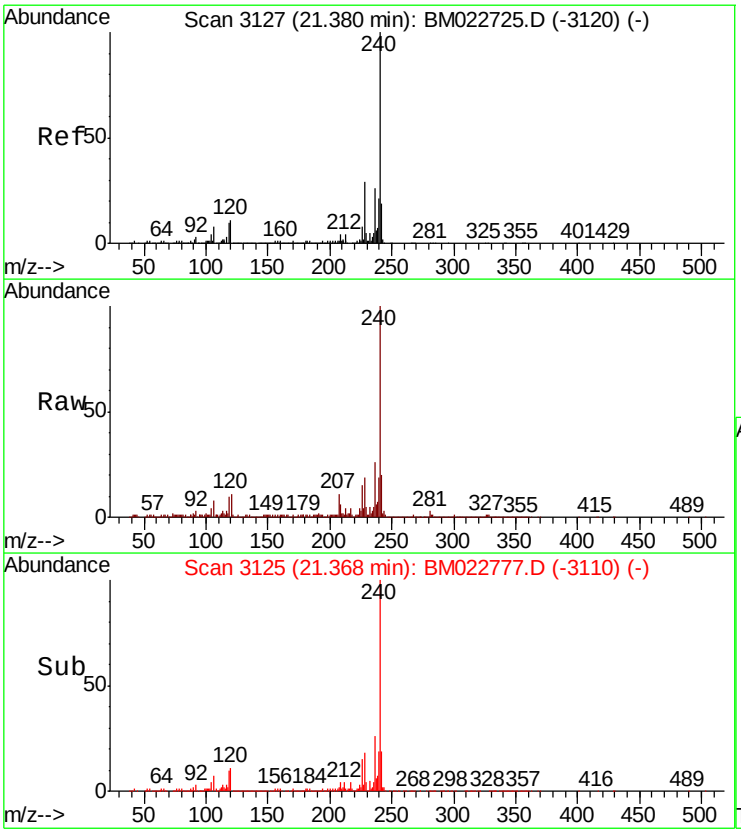
#75
Fluoranthene
Concen: 21.744 ng
RT: 19.25 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:202 Resp: 1148506

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.1
203	17.7	0.0	37.7

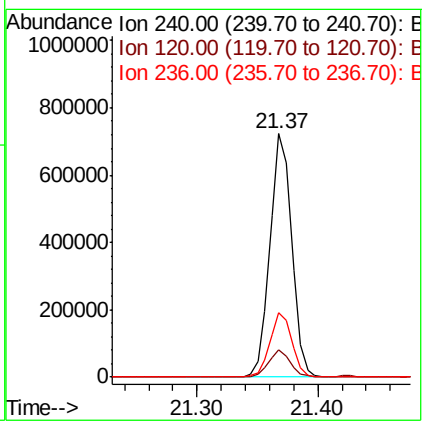


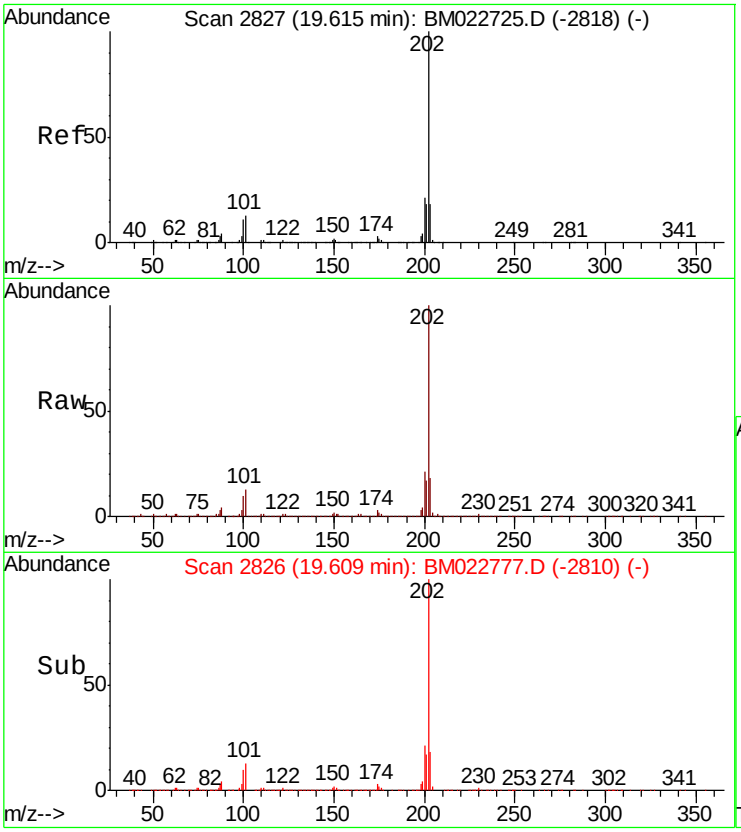


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:240 Resp: 891662

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.8	13.2
236	26.2	20.8	31.2



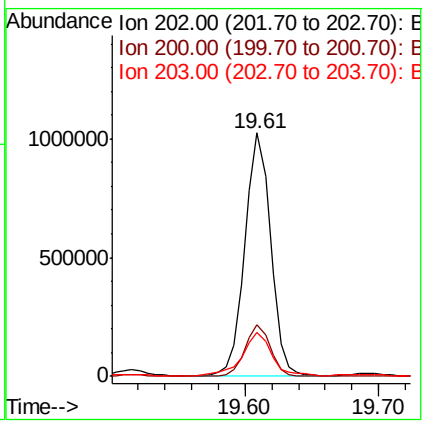


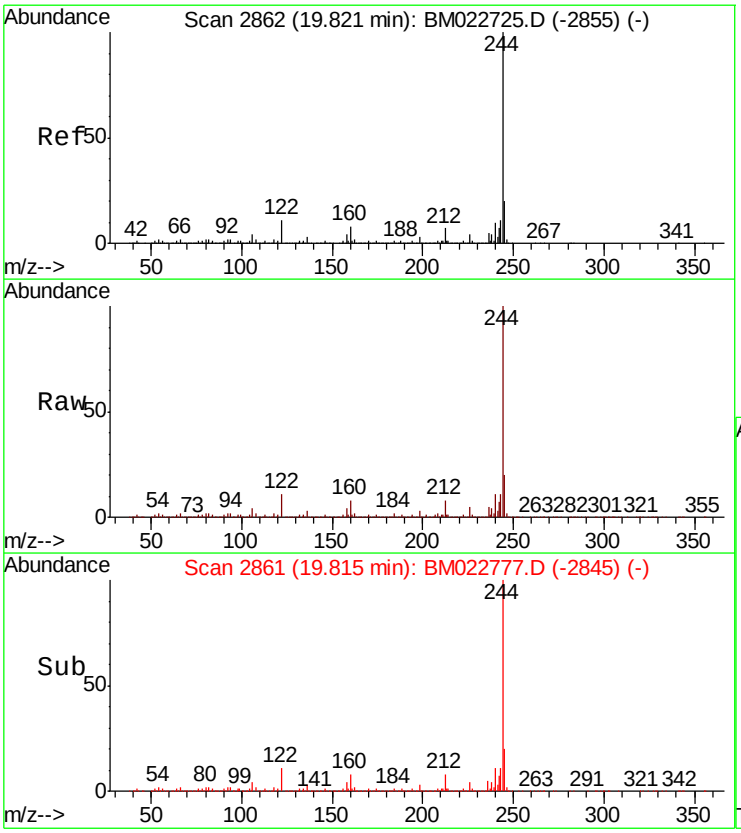
#78
Pyrene
Concen: 23.130 ng
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:202 Resp: 1351615

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.0	14.1	21.1

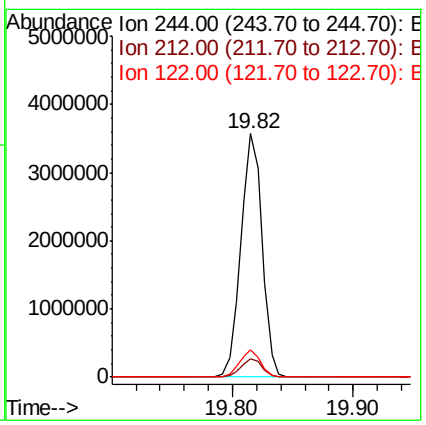


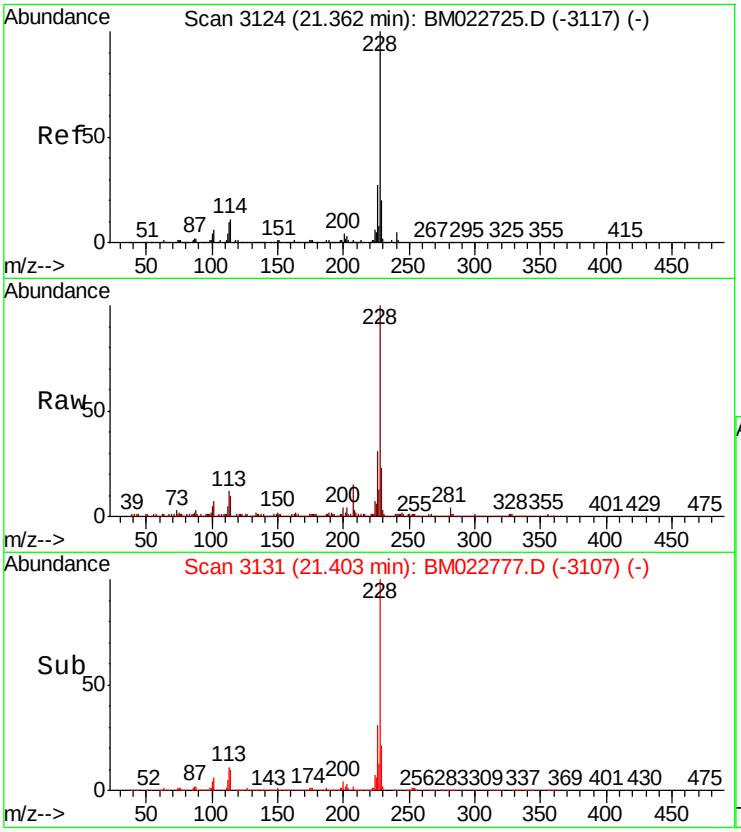


#79
Terphenyl-d14
Concen: 95.605 ng
RT: 19.82 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:244 Resp: 4402423

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	11.2	9.0	13.4



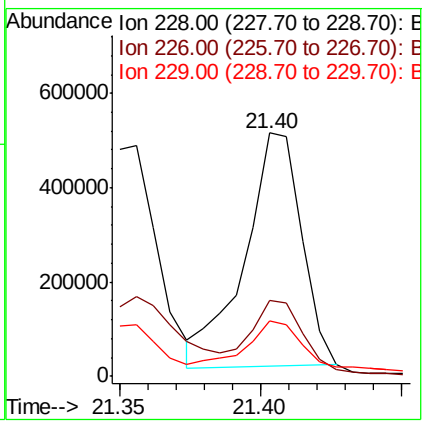


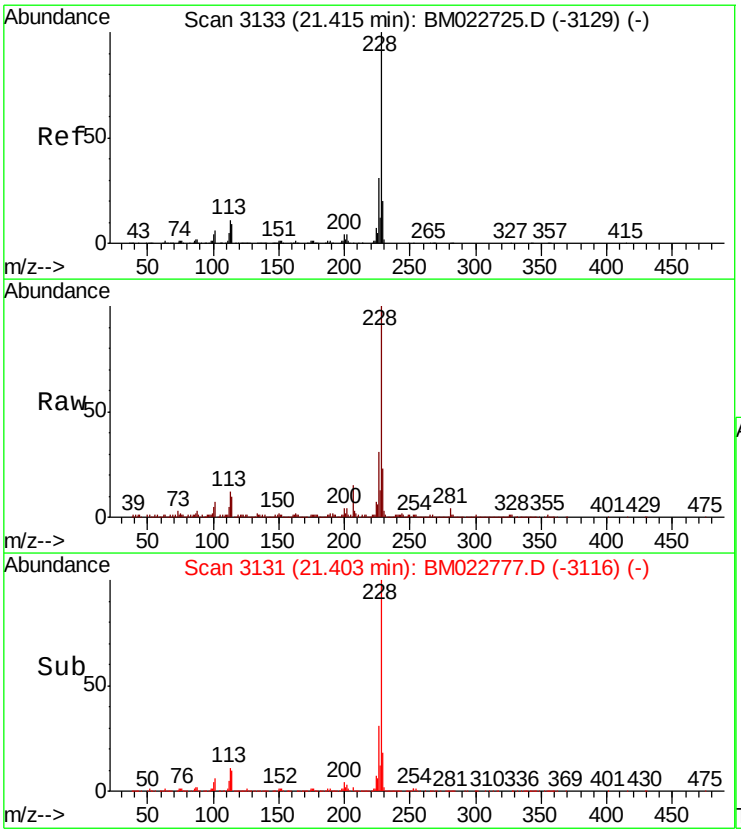
#81
Benzo(a)anthracene
Concen: 12.048 ng
RT: 21.40 min Scan# 3131
Delta R.T. 0.04 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:228 Resp: 696254

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.0	33.0
229	22.6	15.9	23.9

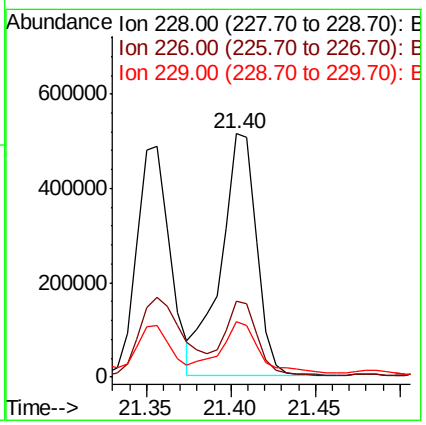


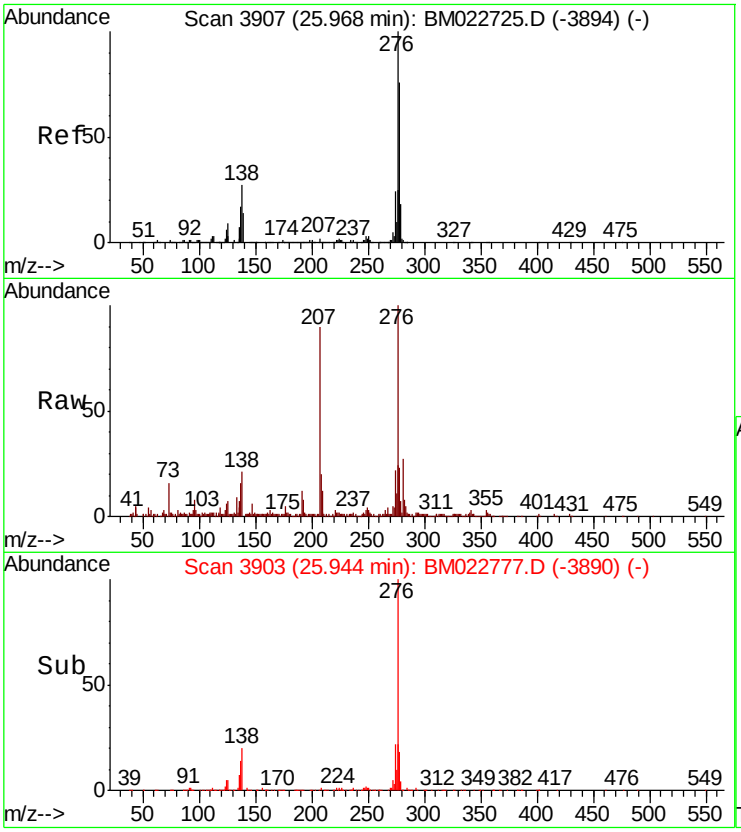


#83
Chrysene
Concen: 13.427 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:228 Resp: 752262

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	22.6	15.9	23.9



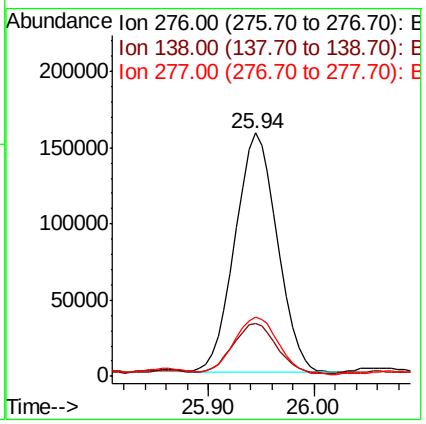


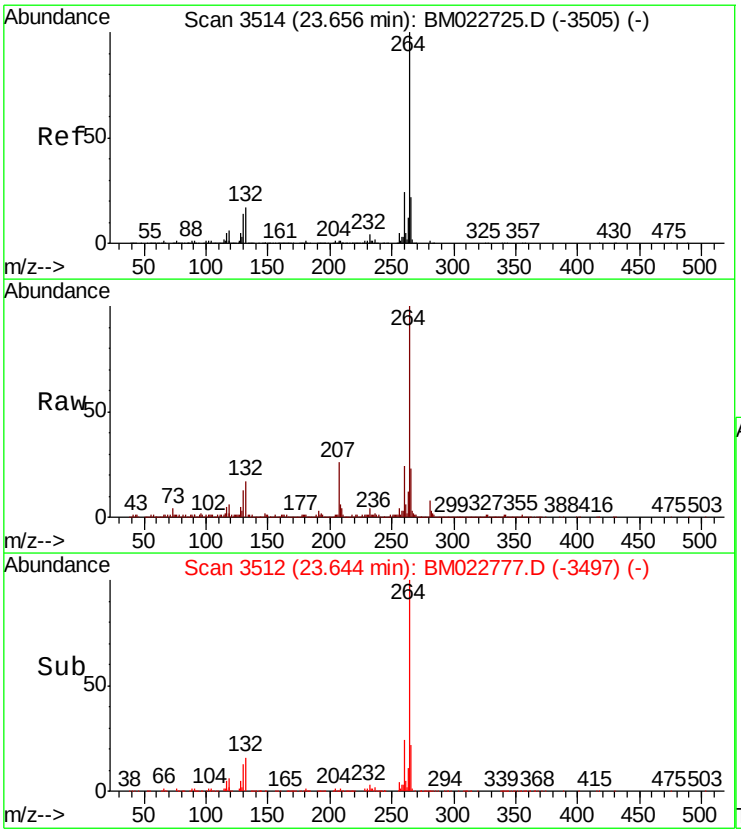
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.527 ng
RT: 25.94 min Scan# 3903
Delta R.T. -0.02 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:276 Resp: 436461

Ion	Ratio	Lower	Upper
276	100		
138	21.2	0.0	0.0#
277	24.9	0.0	0.0#

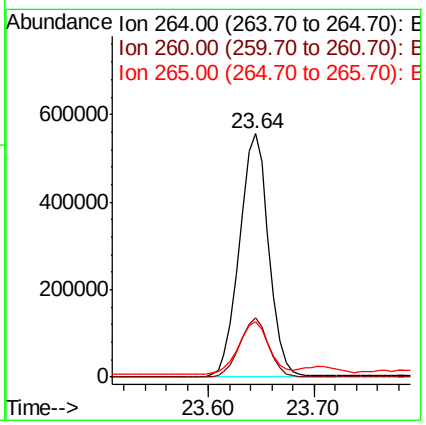


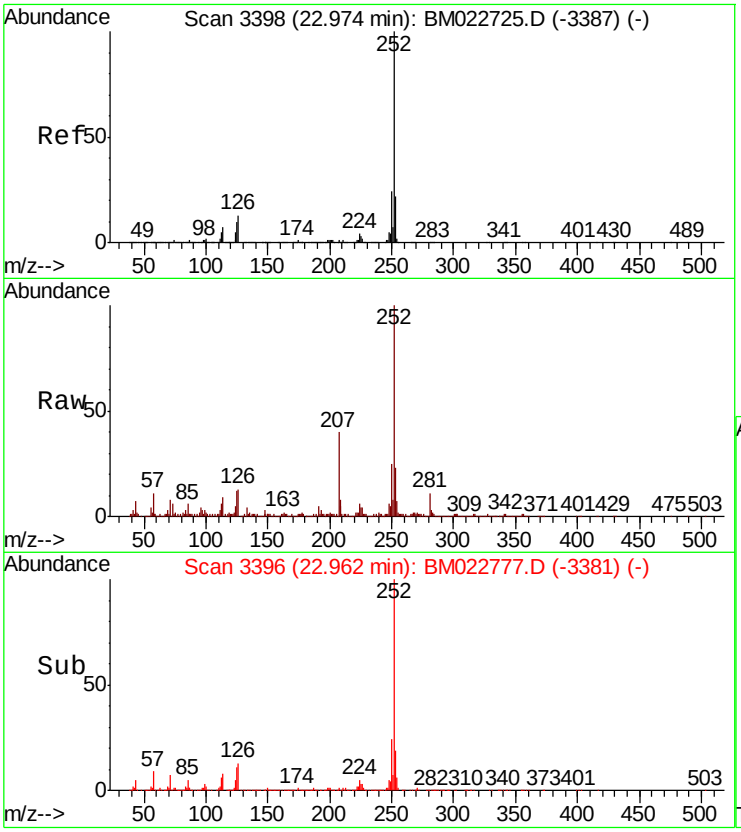


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:264 Resp: 1068765

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	23.0	17.9	26.9



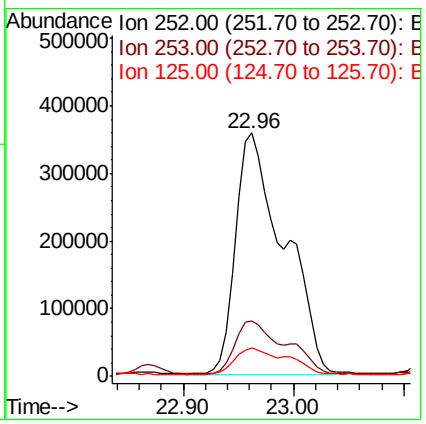


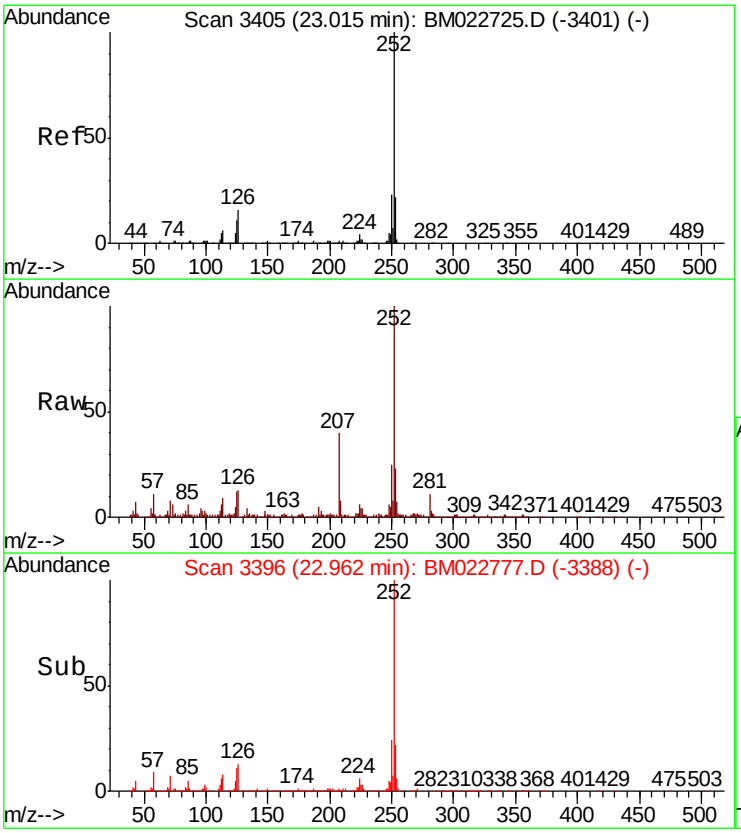
#88
Benzo(b)fluoranthene
Concen: 16.843 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:252 Resp: 1089905

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.8	8.2	12.4

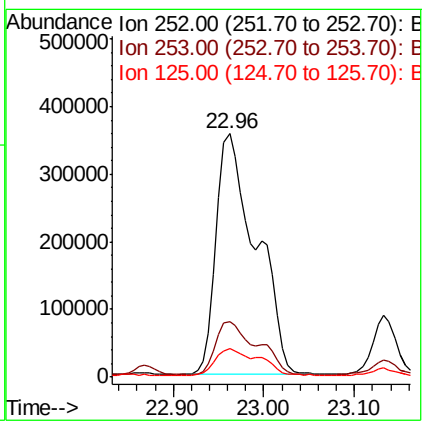


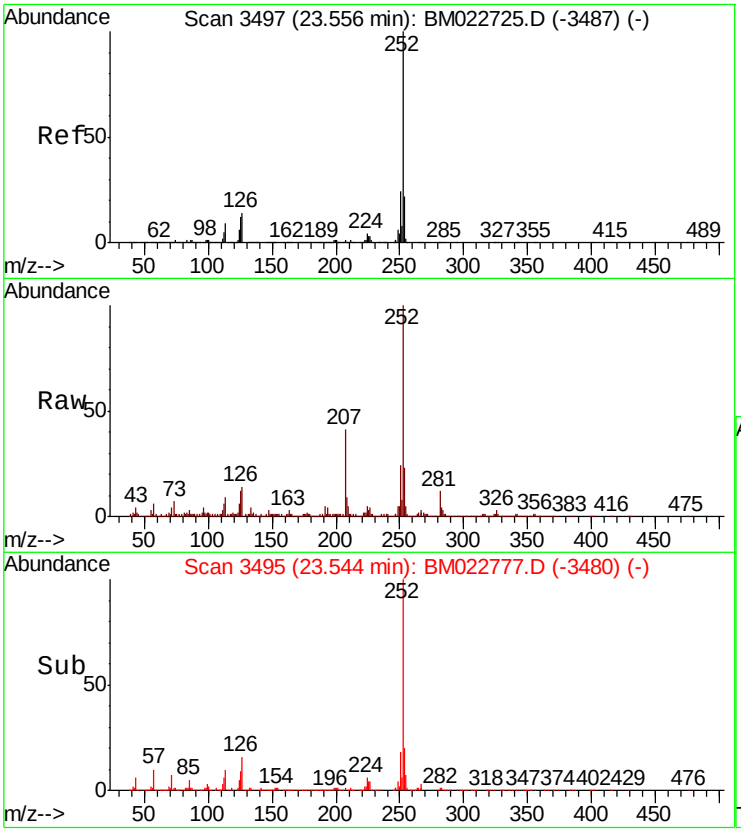


#89
Benzo(k)fluoranthene
Concen: 16.916 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:252 Resp: 1086111

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.8	8.5	12.7



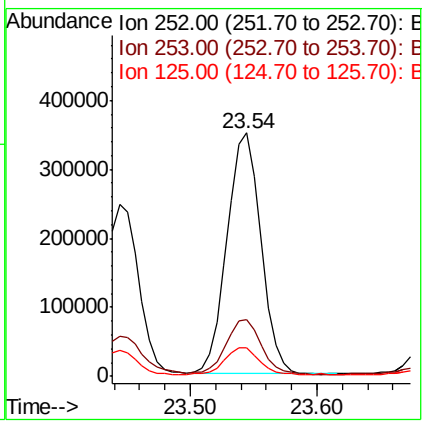


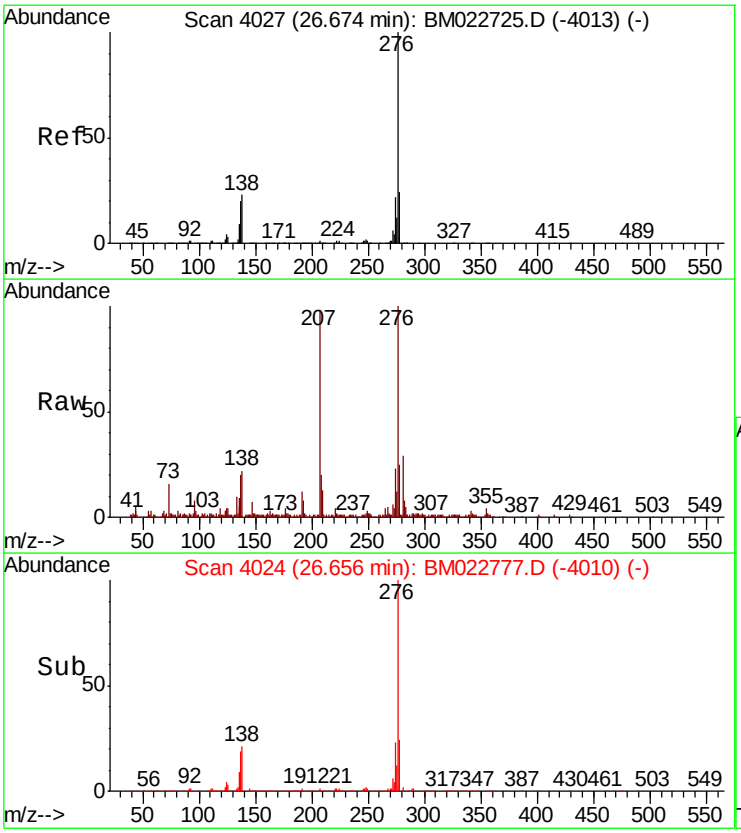
#90
Benzo(a)pyrene
Concen: 10.852 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Instrument :
BNA_M
ClientSampleId :
WC-10-091919

Tgt Ion:252 Resp: 647056

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.6	9.3	13.9





#92
Benzo(g,h,i)perylene
Concen: 7.852 ng
RT: 26.66 min Scan# 4024
Delta R.T. -0.02 min
Lab File: BM022777.D
Acq: 25 Sep 2019 18:30

Tgt Ion:276 Resp: 465140

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	22.1	18.5	27.7