Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 26 06:02:14 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	245956	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	866279	20.00	ng	-0.01
39) Acenaphthene-d10	14.45	164	465507	20.00	ng	-0.01
64) Phenanthrene-d10	17.19	188	837391	20.00	ng	0.00
76) Chrysene-d12	21.37	240	835142	20.00	ng	-0.01
87) Perylene-d12	23.64	264	1038118	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2075090	133.81	ng	0.00
7) Phenol-d6	6.99	99	2709416	136.02	ng	0.00
23) Nitrobenzene-d5	8.97	82	1553036	99.52	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	888652	152.92	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3607283	106.71	ng	0.00
79) Terphenyl-d14	19.82	244	4309091	99.91	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.85	122	1086	4.056	ng	# 70
49) Acenaphthylene	14.17	152	112449	2.644	ng	100
50) Dimethylphthalate	13.91	163	227445	6.761	ng	99
71) Phenanthrene	17.23	178	399914	8.464	ng	100
72) Anthracene	17.32	178	101825	2.224	ng	98
75) Fluoranthene	19.24	202	545216	10.226	ng	99
78) Pyrene	19.61	202	635165	11.605	ng	100
81) Benzo(a)anthracene	21.35	228	299298	5.530	ng	95
83) Chrysene	21.40	228	345659	6.587	ng	97
86) Indeno(1,2,3-cd)pyrene	25.94	276	204835	3.270	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	512517	8.154	ng	98
89) Benzo(k)fluoranthene	22.96	252	512833	8.223	ng	98
90) Benzo(a)pyrene	23.54	252	301695	5.209	ng	98
92) Benzo(g,h,i)perylene	26.65	276	217649	3.782	ng	99

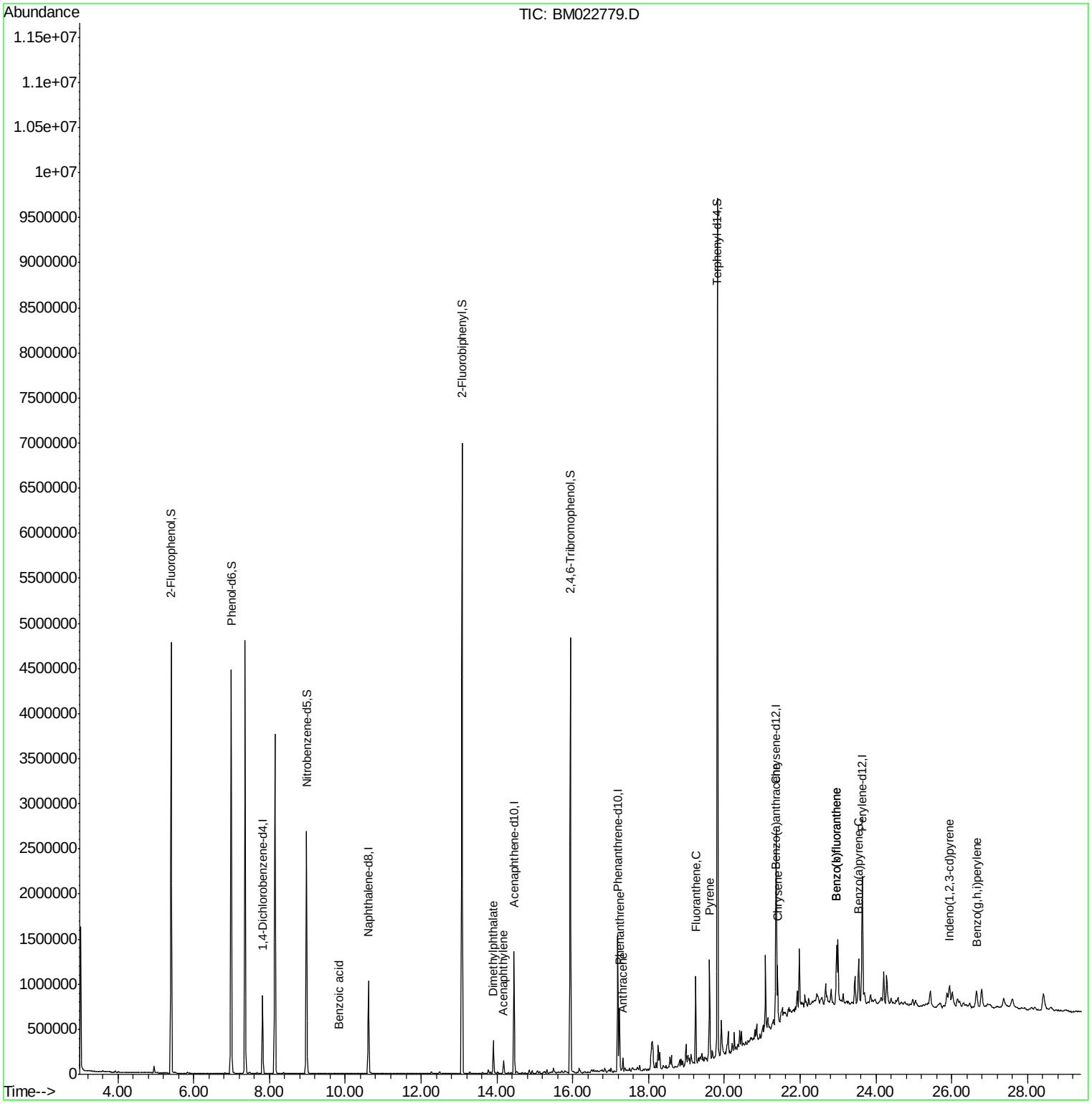
(#) = qualifier out of range (m) = manual integration (+) = signals summed

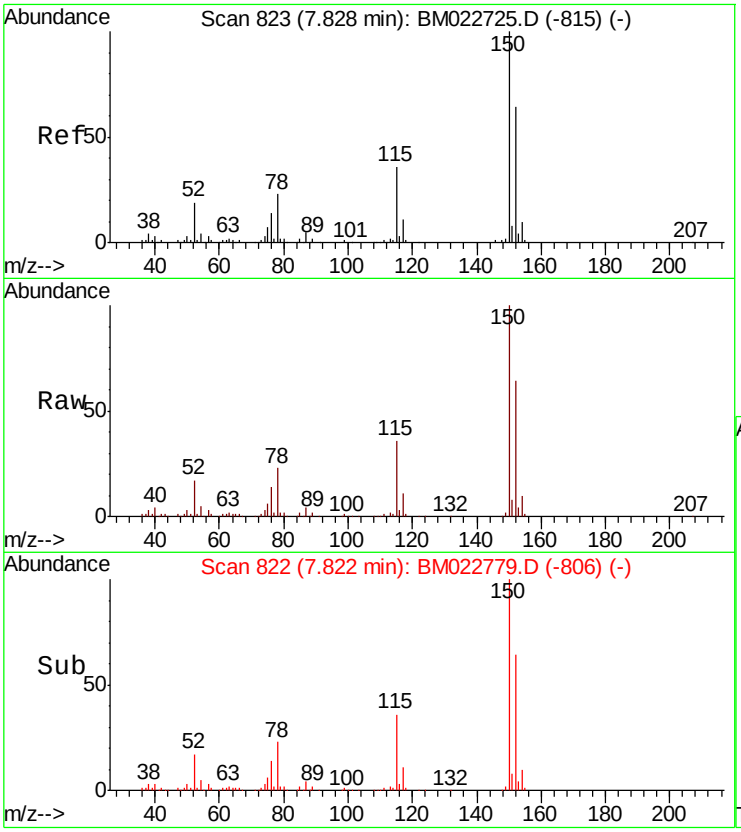
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022779.D
Acq On : 25 Sep 2019 19:43
Operator : JU
Sample : K4997-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 26 06:02:14 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



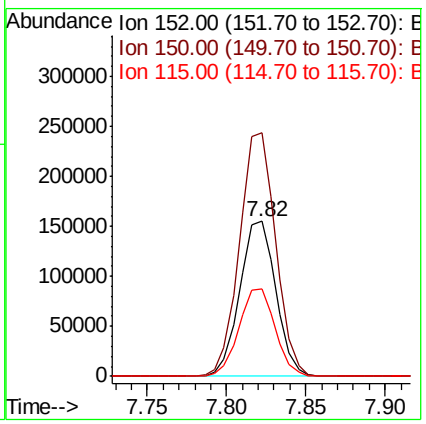


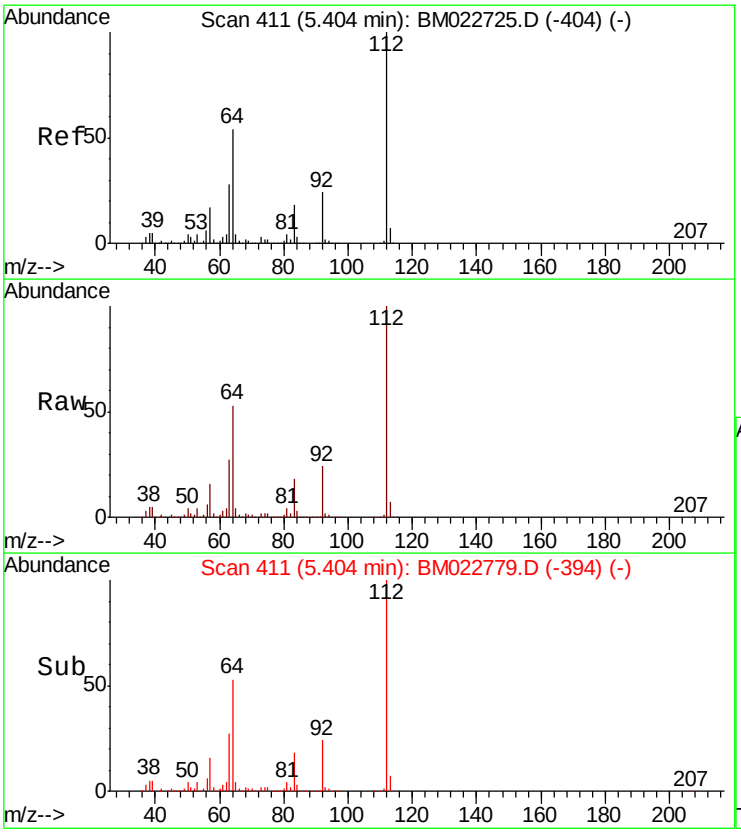
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 245956

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.5	186.7
115	56.4	45.0	67.4

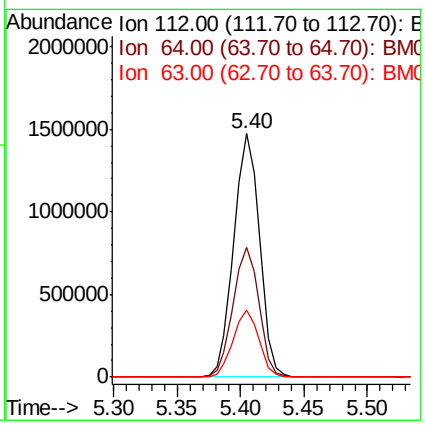


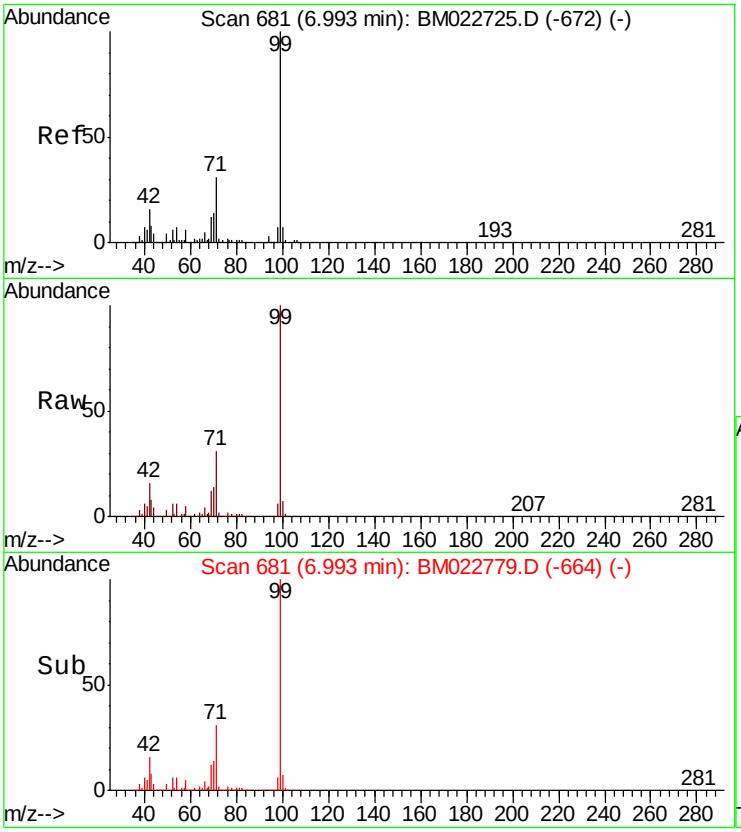


#5
2-Fluorophenol
Concen: 133.805 ng
RT: 5.40 min Scan# 411
Delta R.T. 0.00 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:112 Resp: 2075090

Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.4	65.2
63	27.4	22.1	33.1



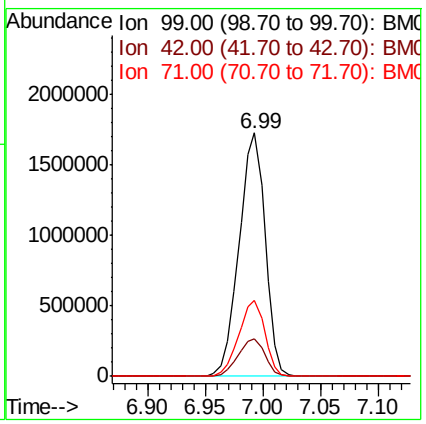


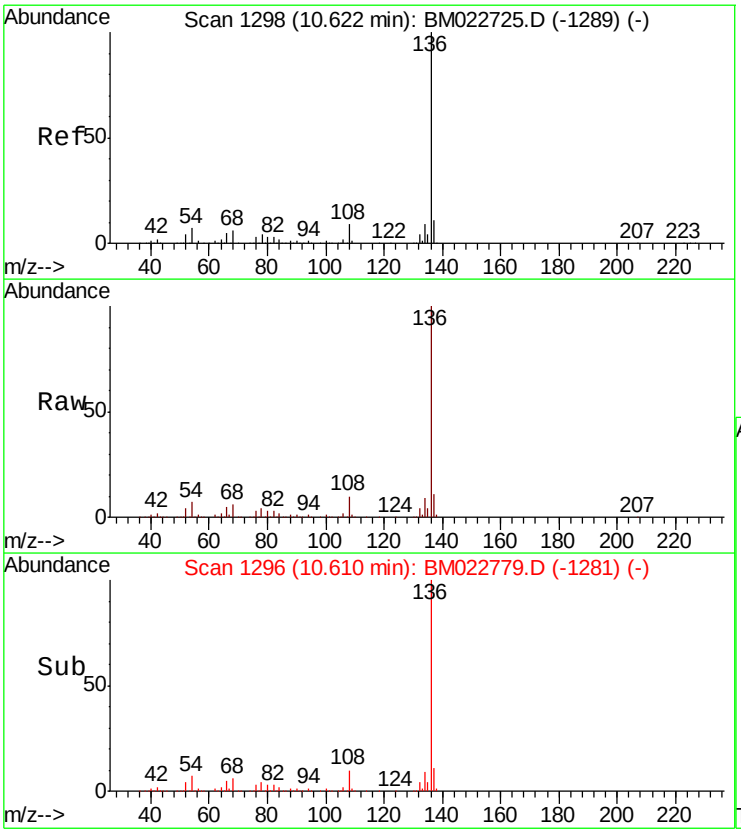
#7
Phenol-d6
Concen: 136.024 ng
RT: 6.99 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 2709416

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.4
71	31.0	24.7	37.1

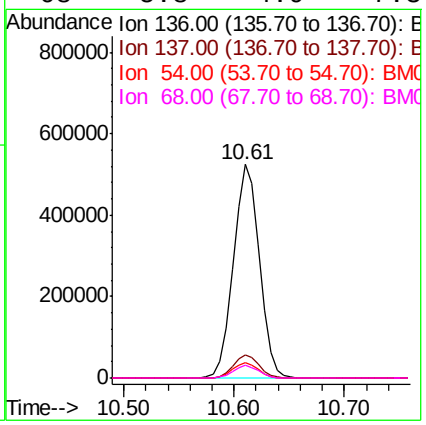


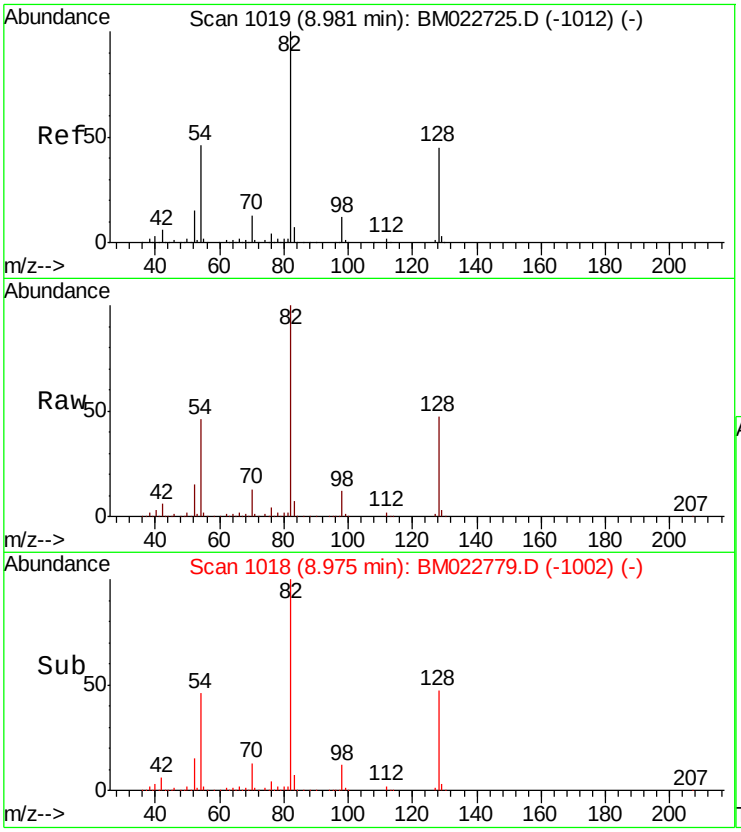


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:136 Resp: 866279

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	6.0	9.0
68	5.8	4.9	7.3



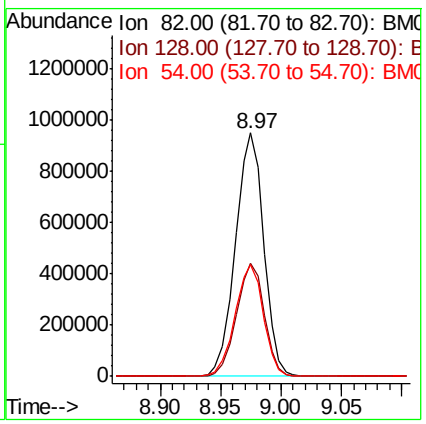


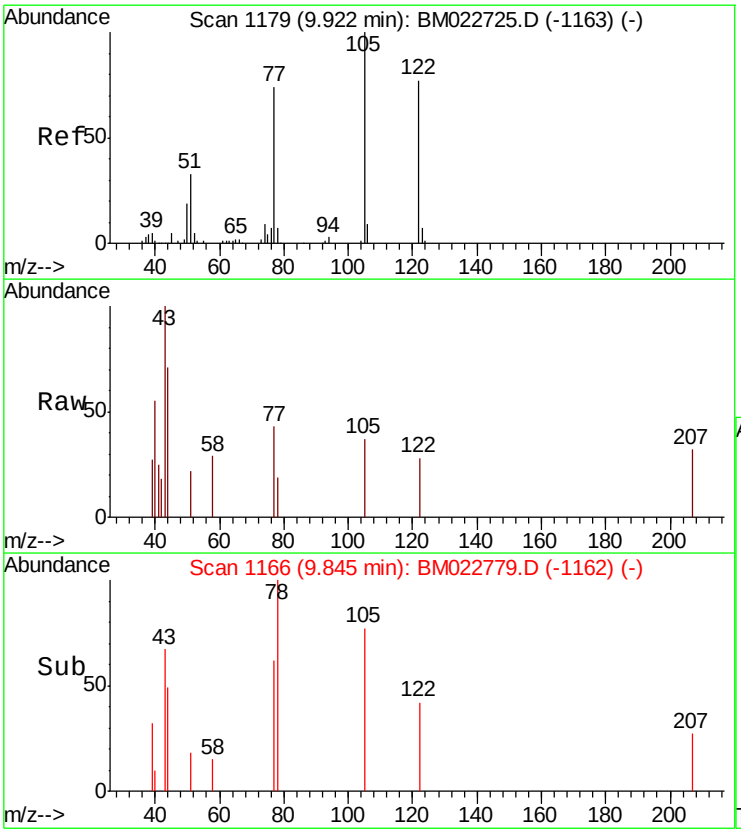
#23
Nitrobenzene-d5
Concen: 99.517 ng
RT: 8.97 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1553036

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.0	54.0
54	45.8	37.1	55.7

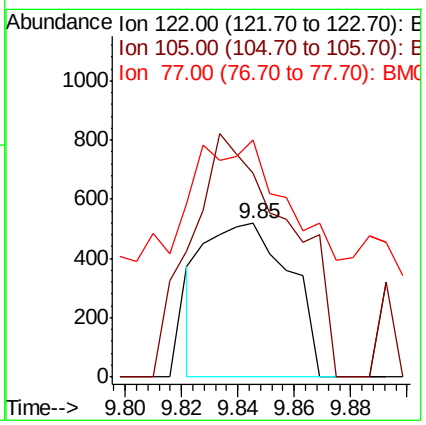


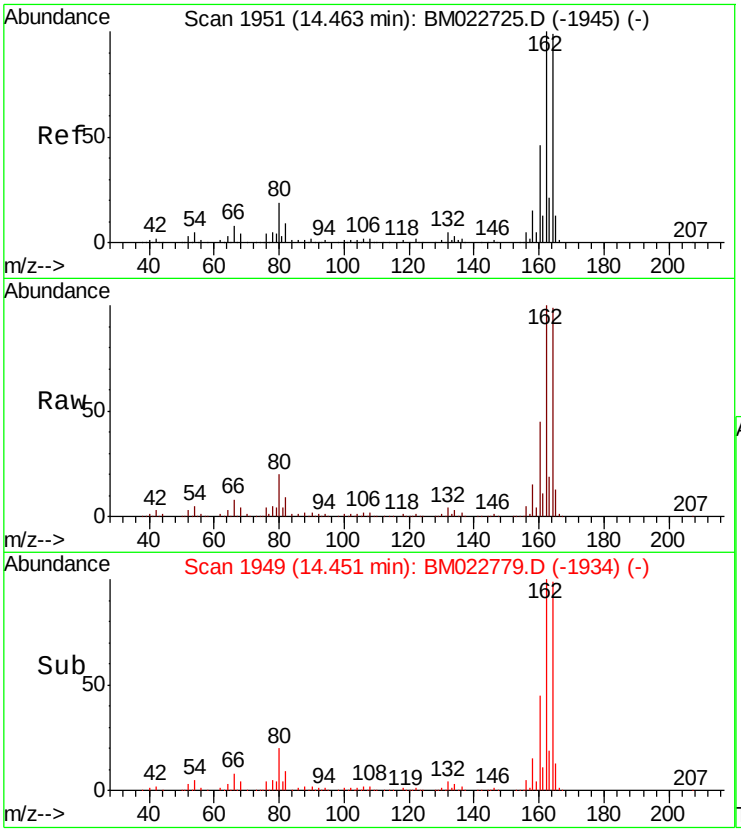


#32
Benzoic acid
Concen: 4.056 ng
RT: 9.85 min Scan# 1166
Delta R.T. -0.08 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:122 Resp: 1086

Ion	Ratio	Lower	Upper
122	100		
105	132.8	105.3	145.3
77	154.2	74.7	114.7#



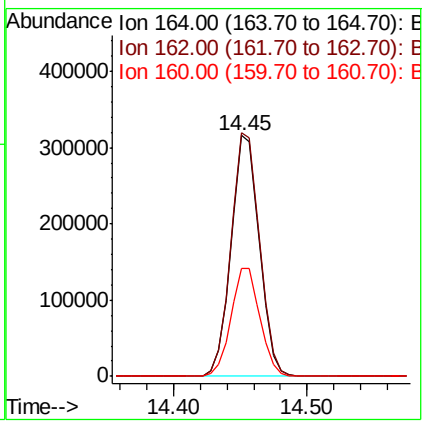


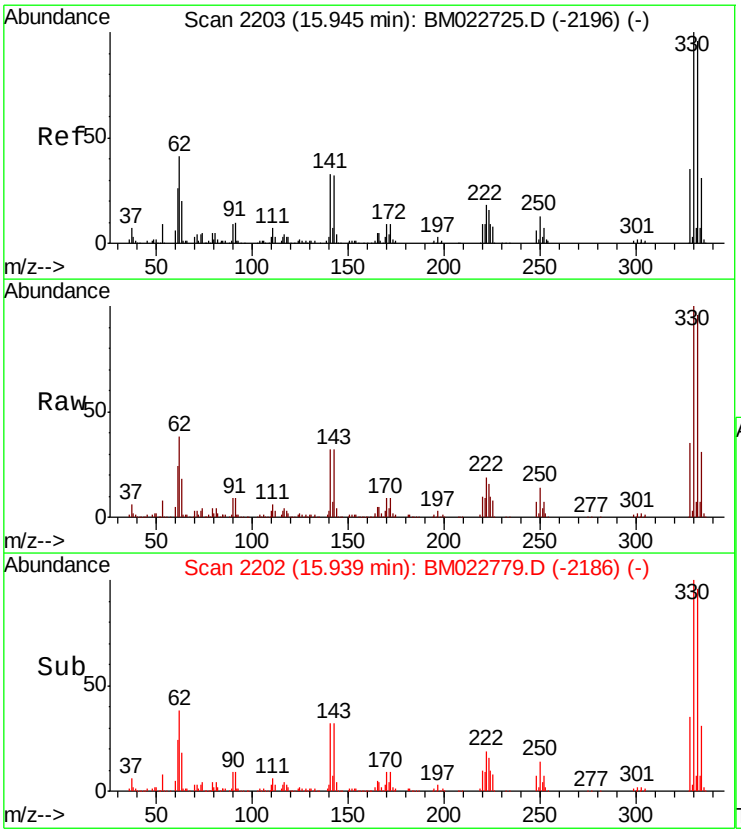
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 465507

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.1	121.7
160	45.0	36.9	55.3

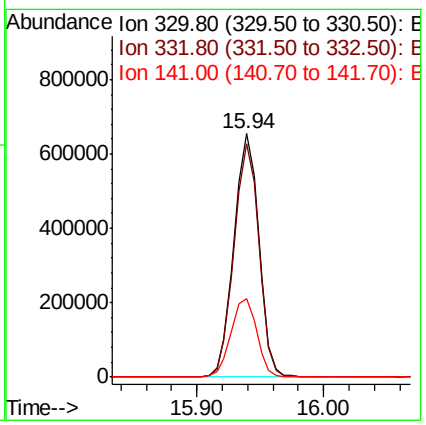


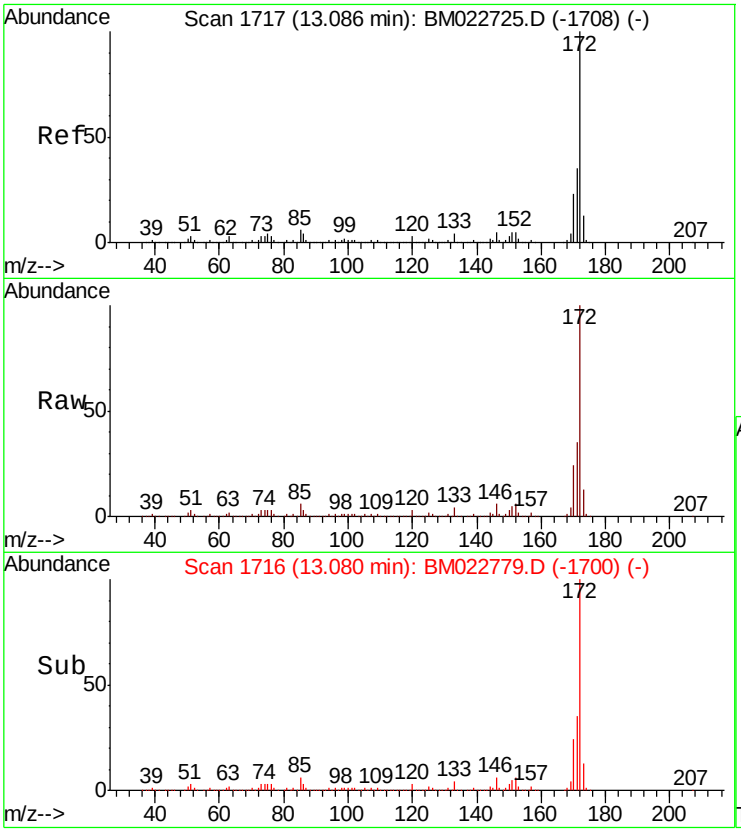


#42
2,4,6-Tribromophenol
Concen: 152.923 ng
RT: 15.94 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:330 Resp: 888652

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	33.2	28.6	42.8



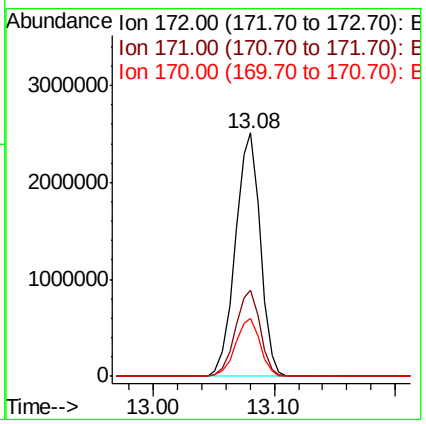


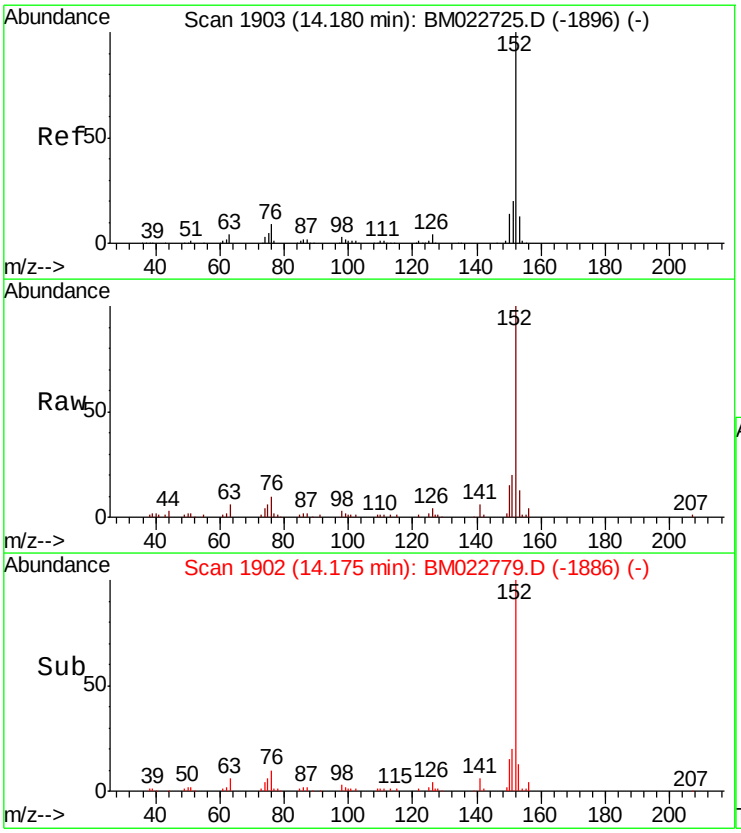
#45
2-Fluorobiphenyl
Concen: 106.709 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 3607283

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	23.6	18.7	28.1

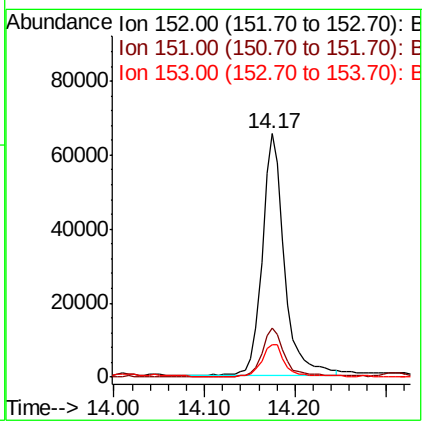


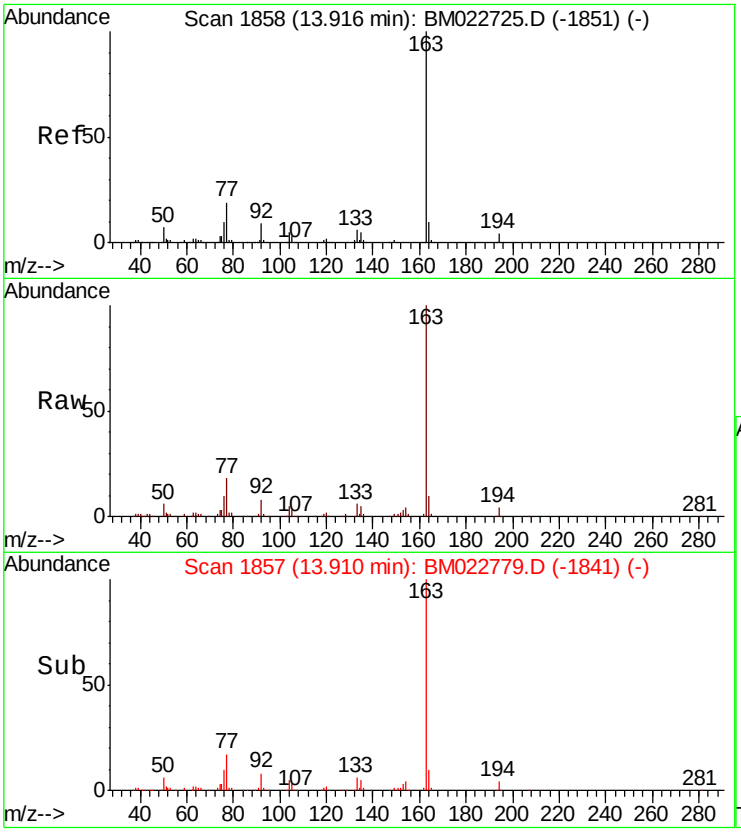


#49
Acenaphthylene
Concen: 2.644 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:152 Resp: 112449

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.4	10.5	15.7



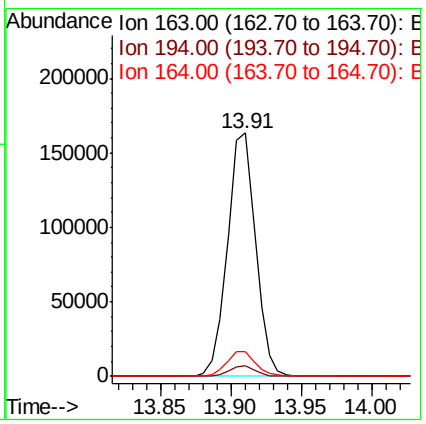


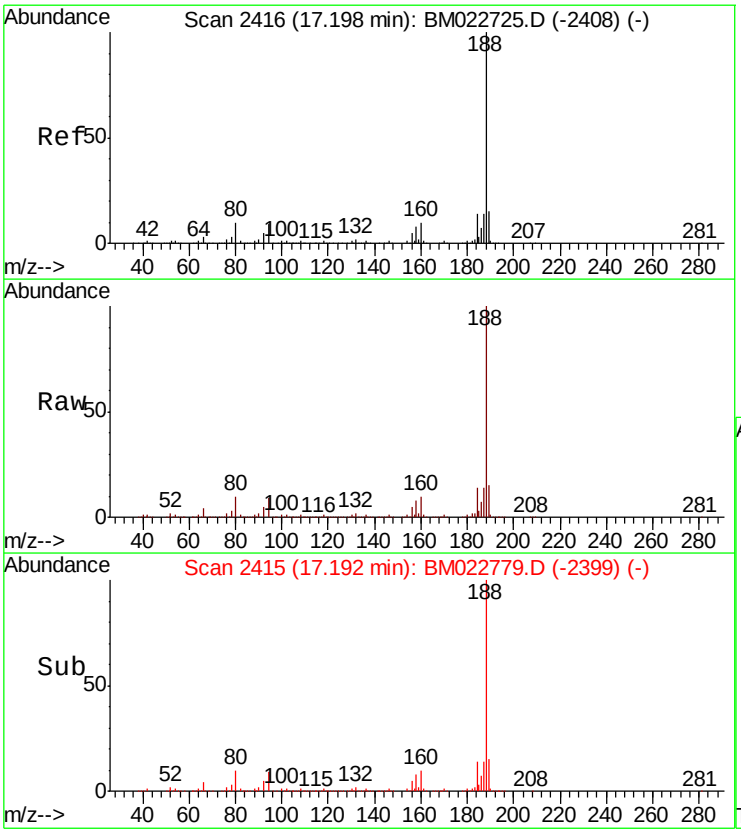
#50
Dimethylphthalate
Concen: 6.761 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 227445

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	8.2	12.2

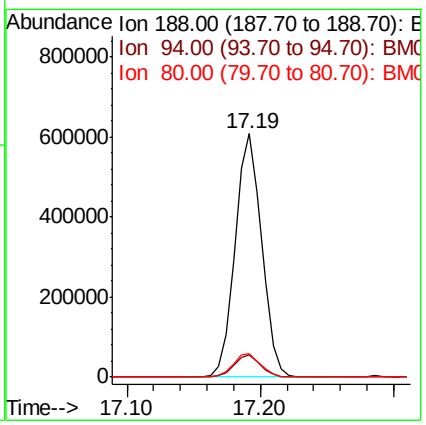


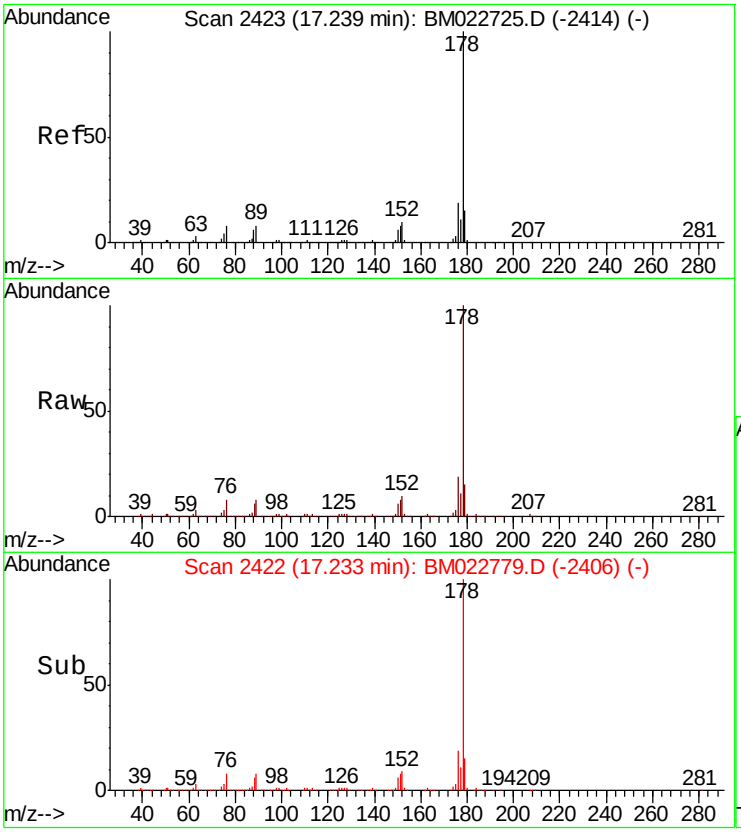


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:188 Resp: 837391

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



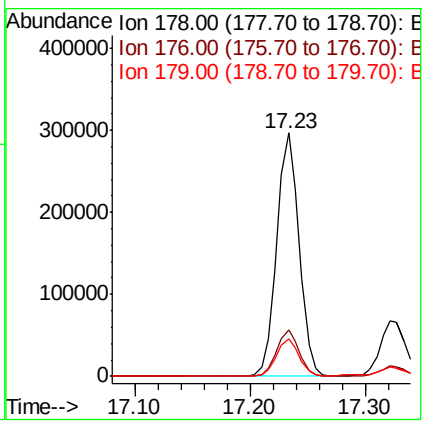


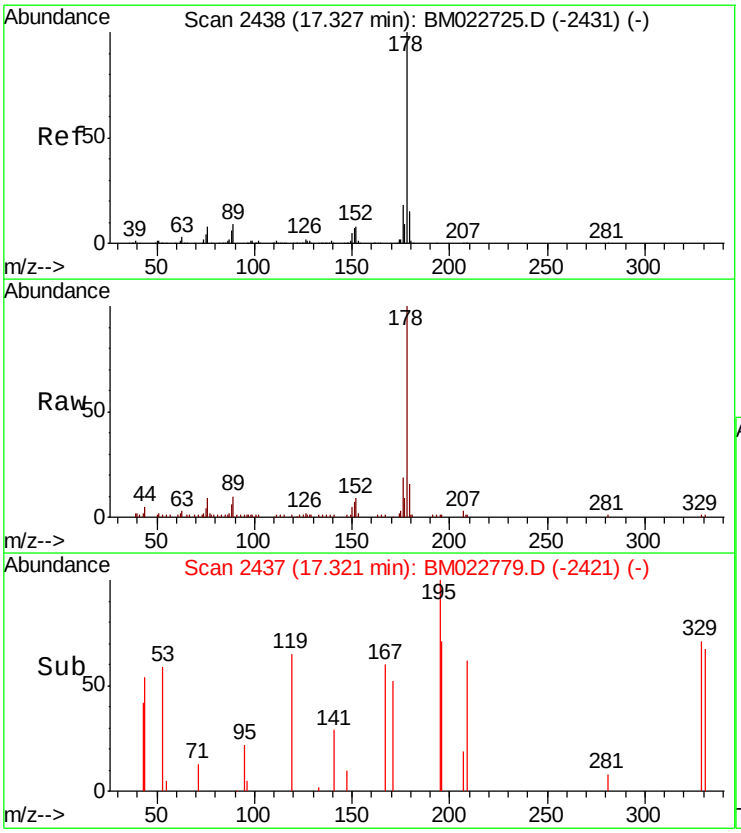
#71
Phenanthrene
Concen: 8.464 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 399914

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.3	18.5

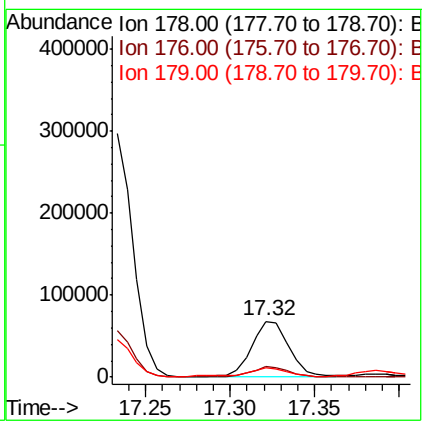


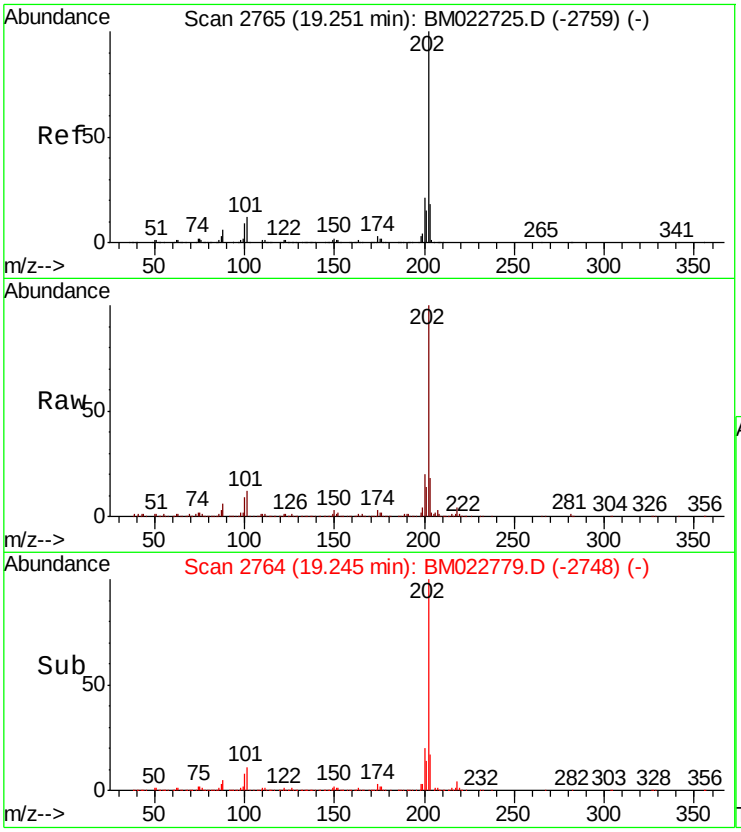


#72
Anthracene
Concen: 2.224 ng
RT: 17.32 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:178 Resp: 101825

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.7	22.1
179	15.9	12.2	18.4



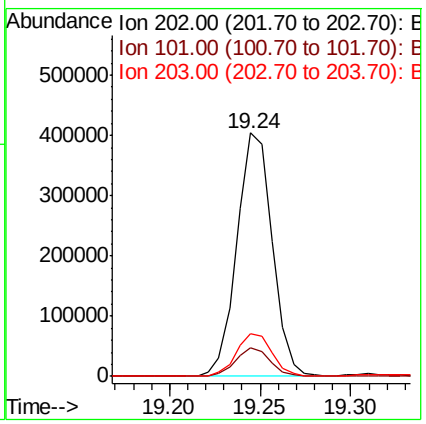


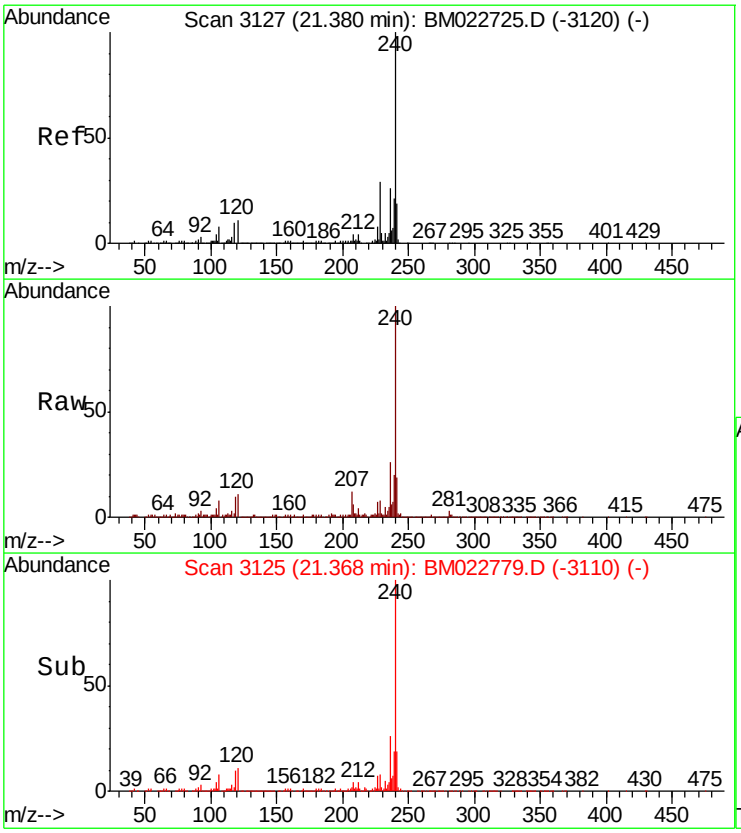
#75
Fluoranthene
Concen: 10.226 ng
RT: 19.24 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 545216

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.1
203	17.8	0.0	37.7

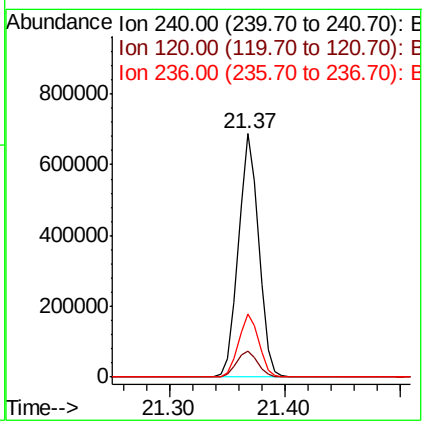


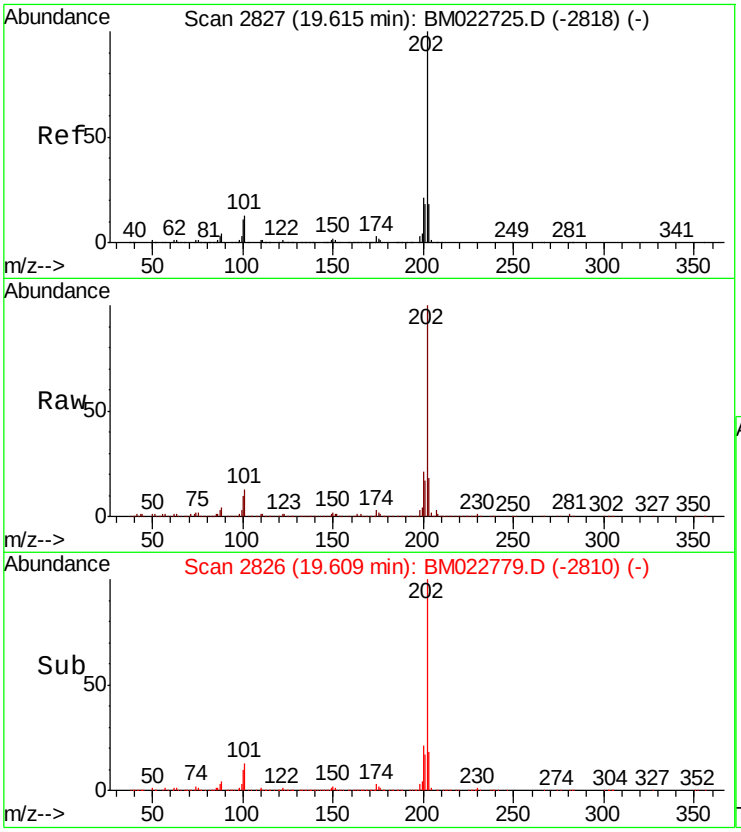


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:240 Resp: 835142

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	25.8	20.8	31.2



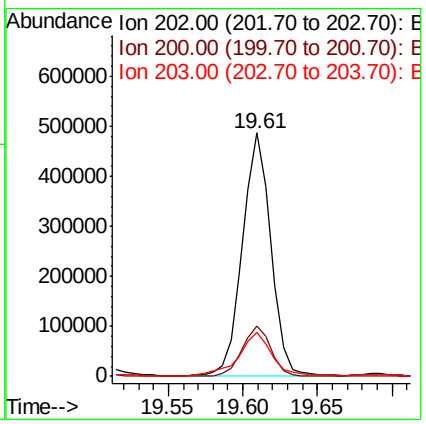


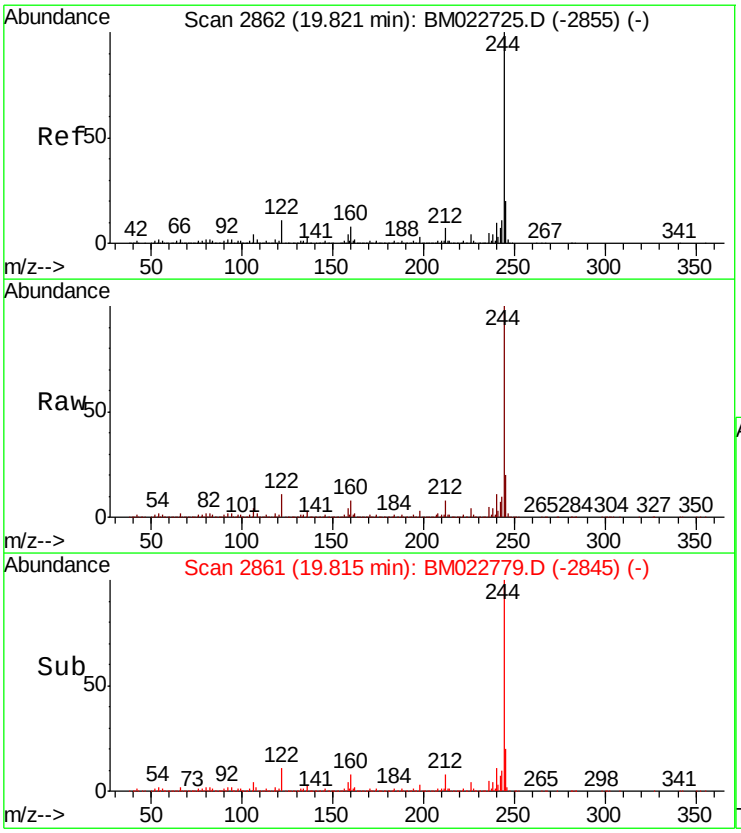
#78
Pyrene
Concen: 11.605 ng
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 635165

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.1	21.1

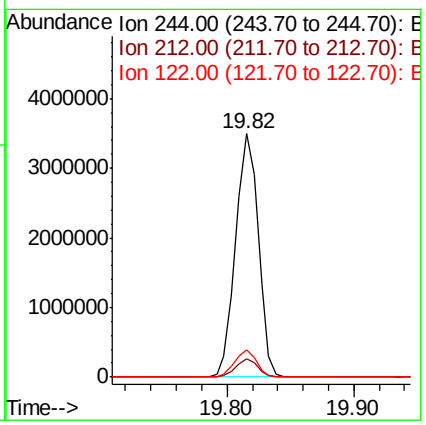


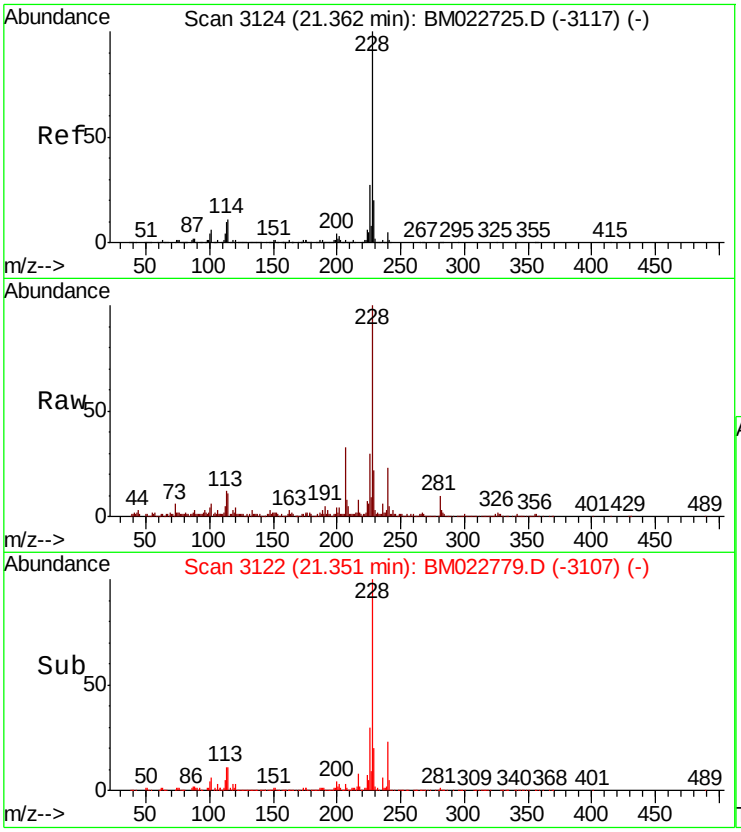


#79
Terphenyl-d14
Concen: 99.911 ng
RT: 19.82 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:244 Resp: 4309091

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.0	9.0	13.4



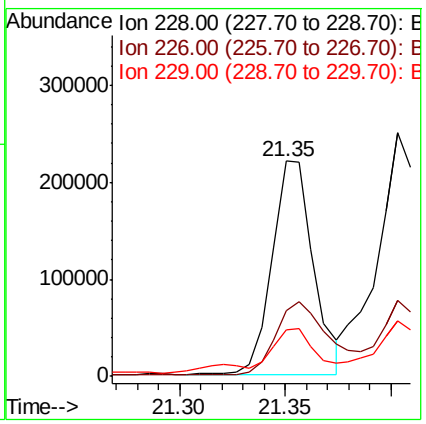


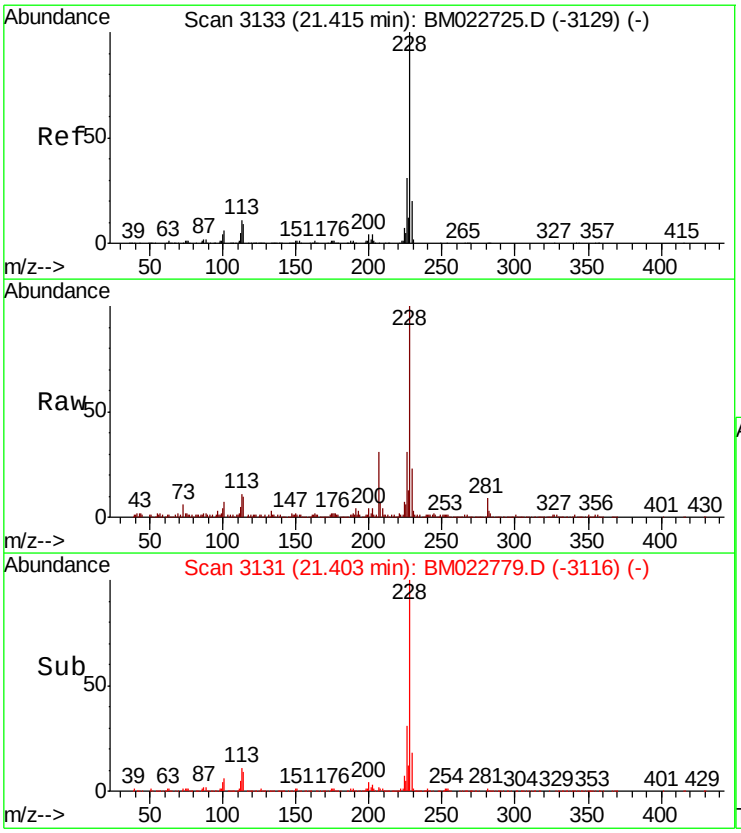
#81
Benzo(a)anthracene
Concen: 5.530 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 299298

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.0	33.0
229	21.9	15.9	23.9

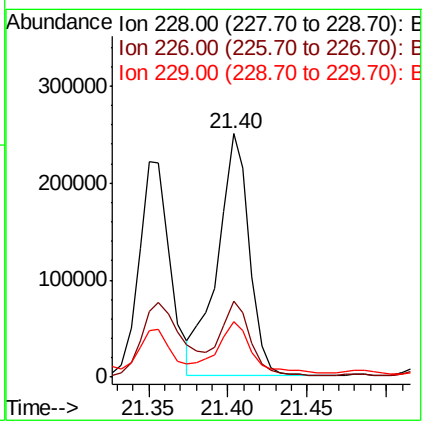


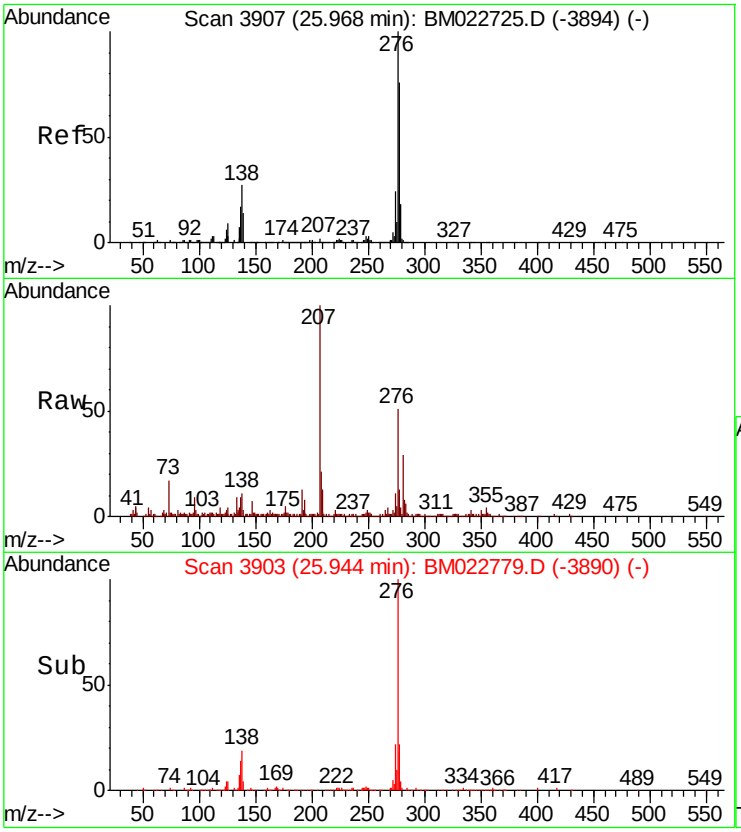


#83
Chrysene
Concen: 6.587 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:228 Resp: 345659

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	22.6	15.9	23.9



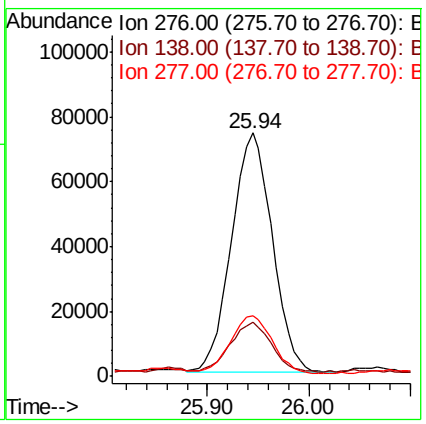


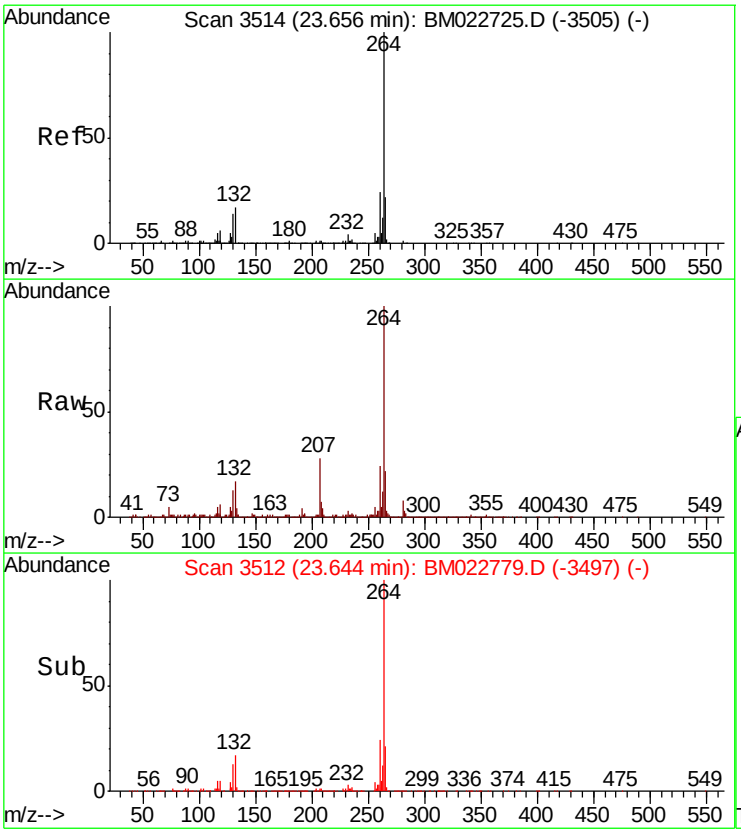
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.270 ng
RT: 25.94 min Scan# 3903
Delta R.T. -0.02 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 204835

Ion	Ratio	Lower	Upper
276	100		
138	20.7	0.0	0.0#
277	24.9	0.0	0.0#

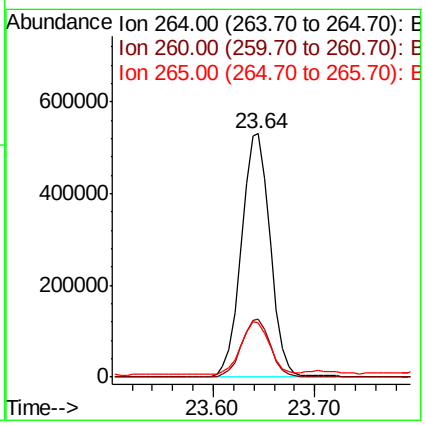


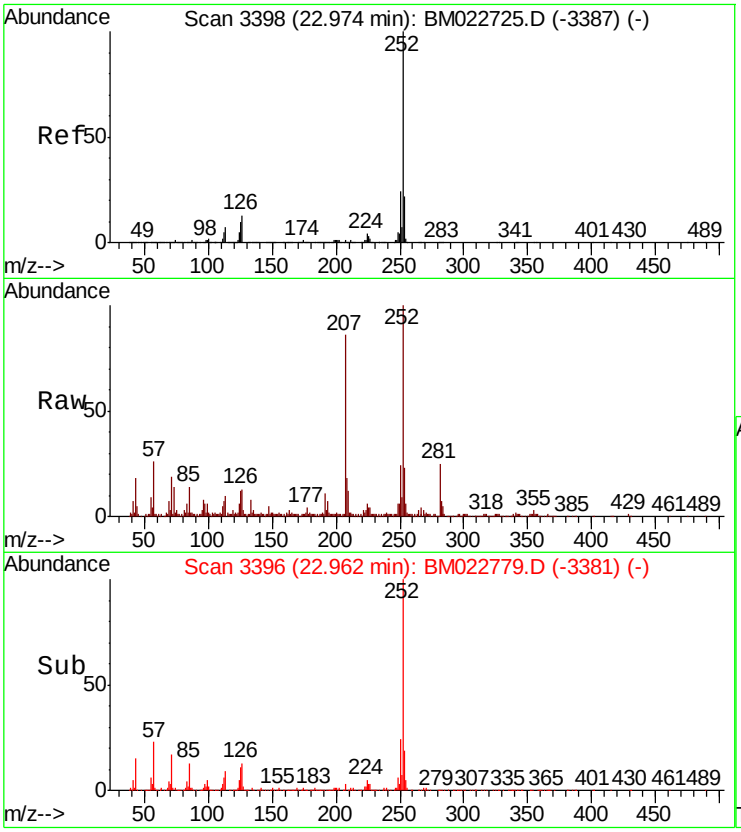


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:264 Resp: 1038118

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.3	17.9	26.9



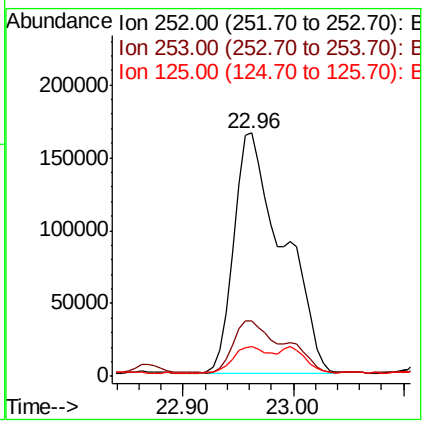


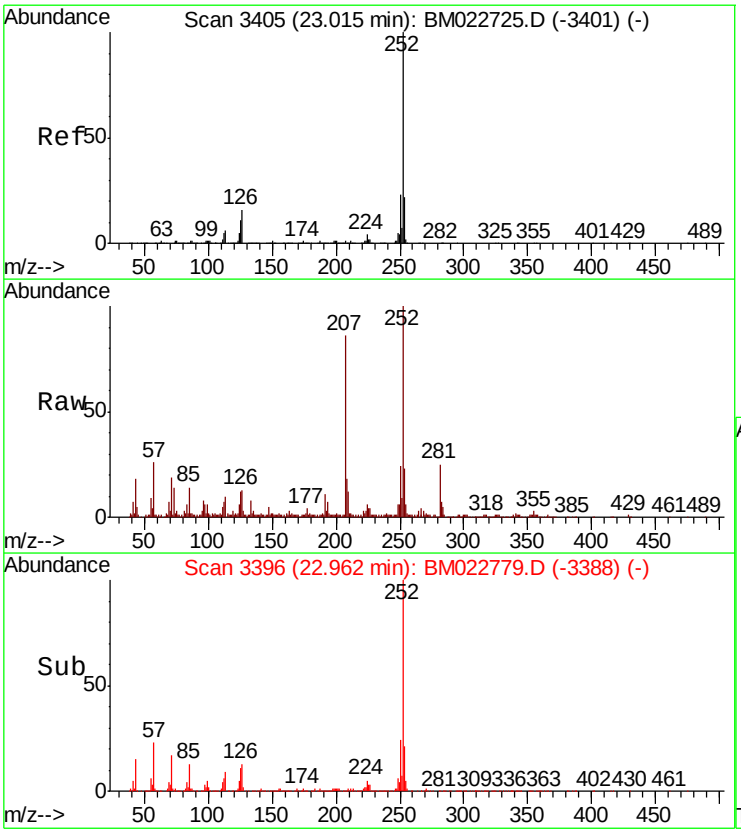
#88
Benzo(b)fluoranthene
Concen: 8.154 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 512517

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	12.2	8.2	12.4

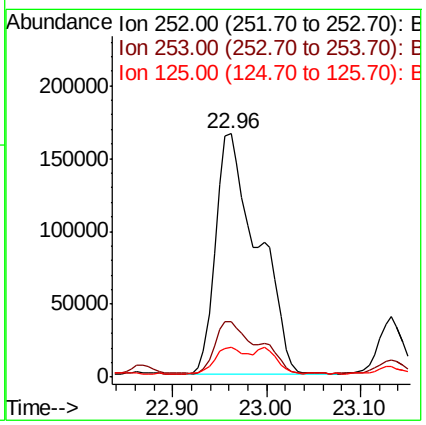


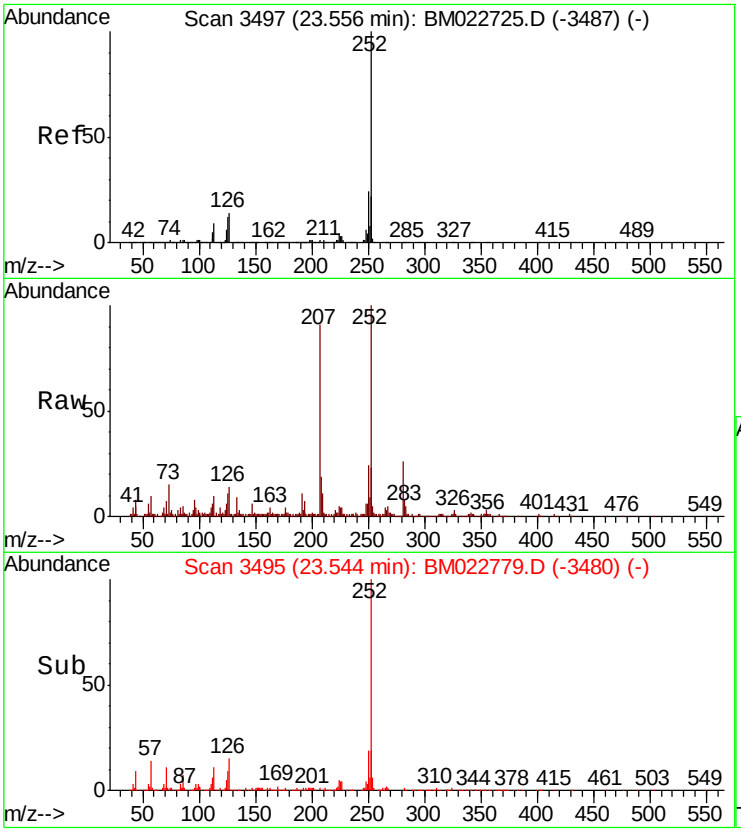


#89
Benzo(k)fluoranthene
Concen: 8.223 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:252 Resp: 512833

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	12.2	8.5	12.7



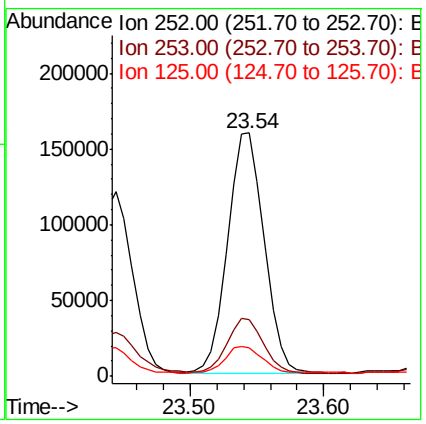


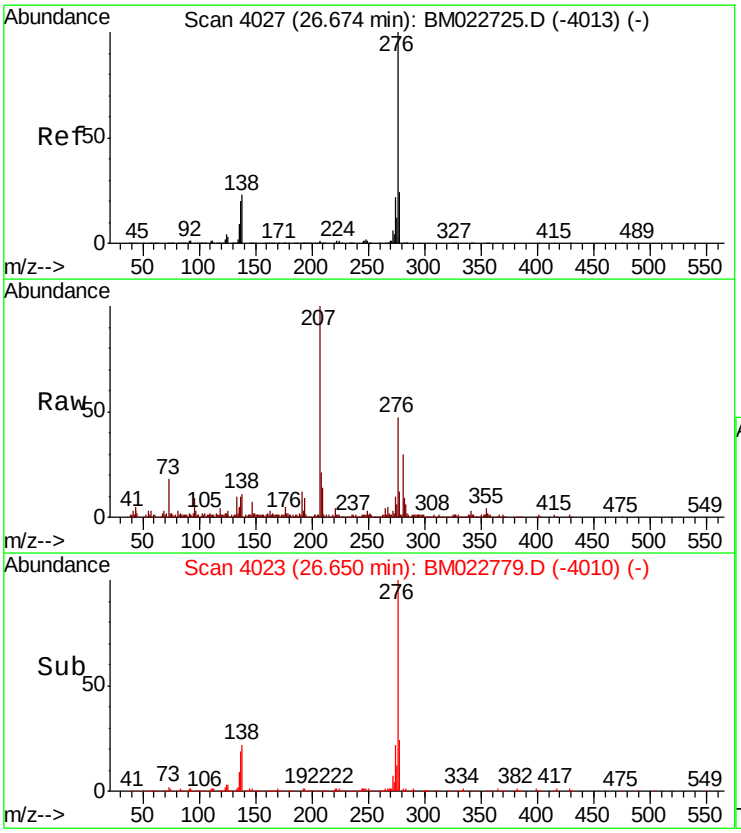
#90
Benzo(a)pyrene
Concen: 5.209 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 301695

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.5	9.3	13.9





#92
Benzo(g,h,i)perylene
Concen: 3.782 ng
RT: 26.65 min Scan# 4023
Delta R.T. -0.02 min
Lab File: BM022779.D
Acq: 25 Sep 2019 19:43

Tgt Ion:276 Resp: 217649

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.1	28.7
138	23.3	18.5	27.7