Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022775.D
Acq On : 25 Sep 2019 17:16
Operator : JU
Sample : K4997-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-08-091919

Quant Time: Sep 26 06:01:25 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	217837	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	822083	20.00	ng		-0.01
39) Acenaphthene-d10	14.45	164	472493	20.00	ng		-0.01
64) Phenanthrene-d10	17.19	188	937577	20.00	ng		0.00
76) Chrysene-d12	21.37	240	934188	20.00	ng		-0.01
87) Perylene-d12	23.64	264	1080092	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1148582	83.62	ng		0.00
7) Phenol-d6	6.99	99	1552611	88.01	ng		0.00
23) Nitrobenzene-d5	8.97	82	883382	59.65	ng		-0.01
42) 2,4,6-Tribromophenol	15.94	330	553231	93.79	ng		0.00
45) 2-Fluorobiphenyl	13.07	172	2126540	61.98	ng		-0.01
79) Terphenyl-d14	19.82	244	2986829	61.91	ng		0.00
Target Compounds							Qvalue
38) 1-Methylnaphthalene	12.49	142	67206	2.504	ng		98
49) Acenaphthylene	14.17	152	727755	16.861	ng		99
50) Dimethylphthalate	13.90	163	274289	8.033	ng		100
58) Fluorene	15.50	166	125126	3.735	ng	#	96
71) Phenanthrene	17.23	178	2091987	39.544	ng		100
72) Anthracene	17.32	178	589228	11.492	ng		99
75) Fluoranthene	19.25	202	2976239	49.855	ng		98
78) Pyrene	19.61	202	3941000	64.373	ng		99
81) Benzo(a)anthracene	21.40	228	1873067	30.936	ng		93
83) Chrysene	21.40	228	2040777	34.767	ng		97
86) Indeno(1,2,3-cd)pyrene	25.95	276	1051352	15.007	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2557105	39.102	ng		98
89) Benzo(k)fluoranthene	22.96	252	2548615	39.277	ng		99
90) Benzo(a)pyrene	23.54	252	1589754	26.382	ng		98
91) Dibenzo(a,h)anthracene	25.96	278	283003	4.490	ng	#	88
92) Benzo(g,h,i)perylene	26.66	276	1163985	19.442	ng		99

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

Quantitation Report (Not Reviewed)

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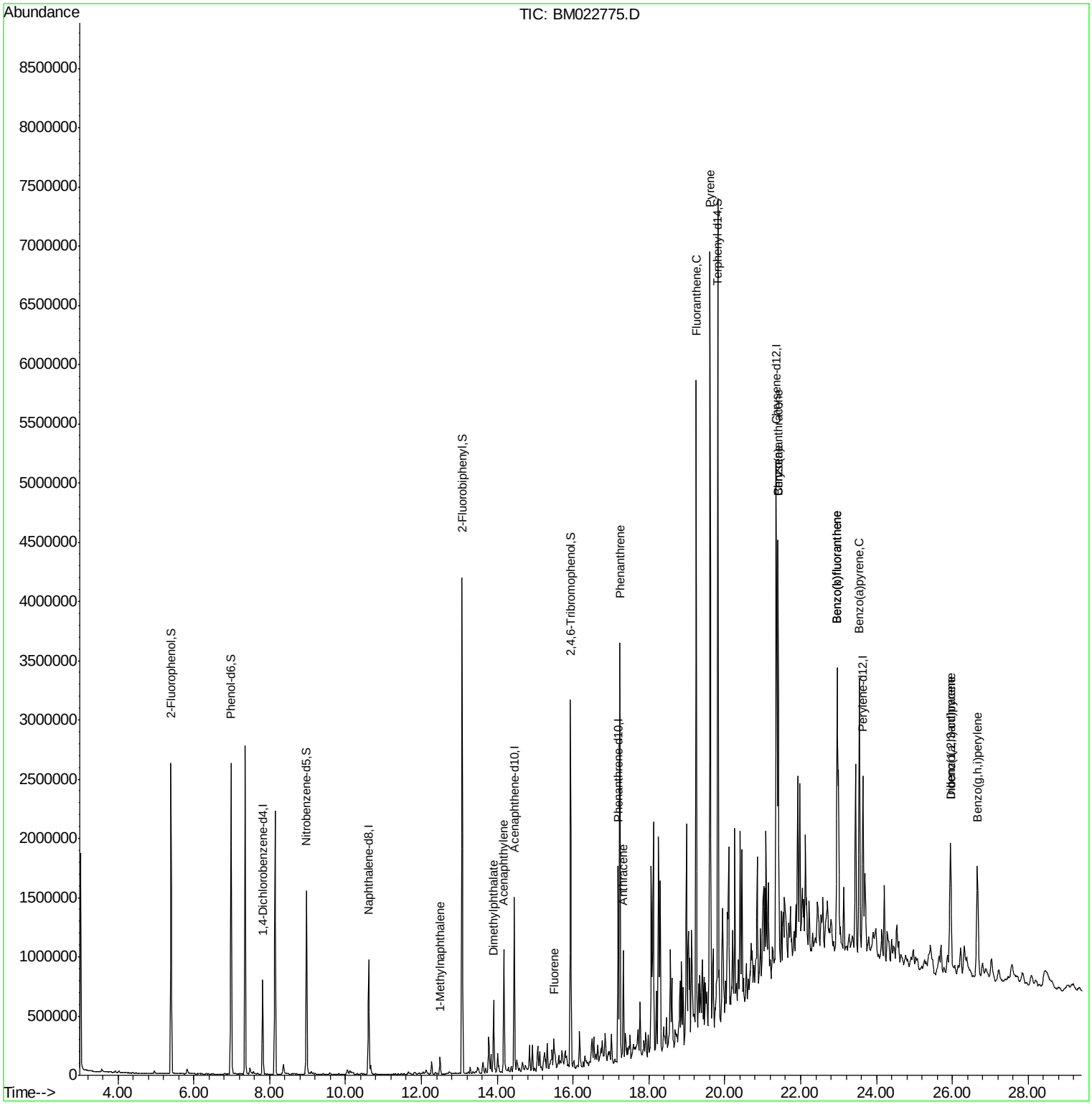
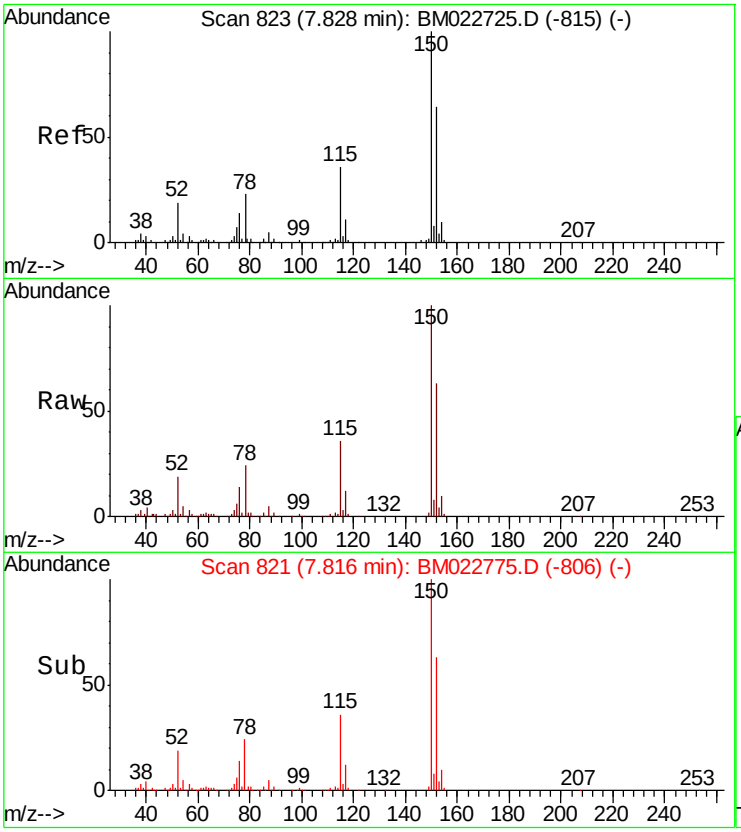


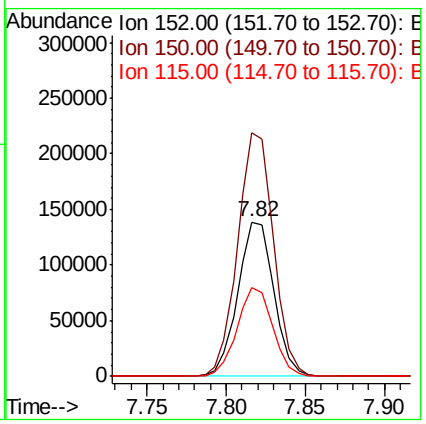


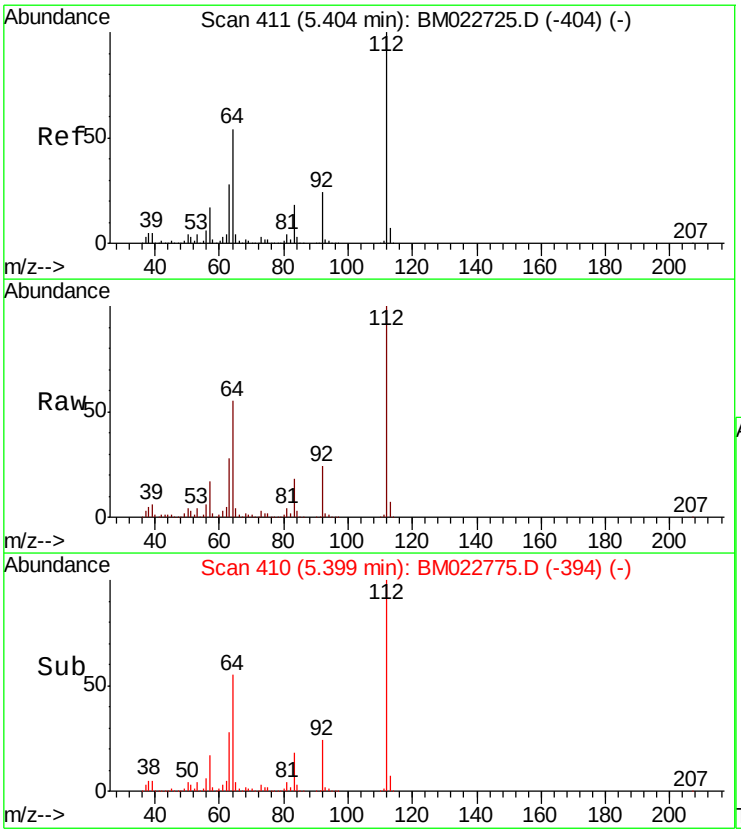
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 821
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:152 Resp: 217837

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.5	186.7
115	57.4	45.0	67.4

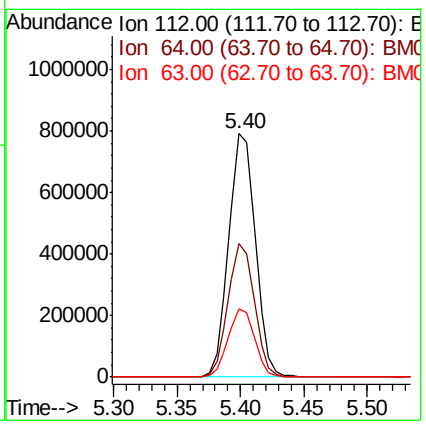


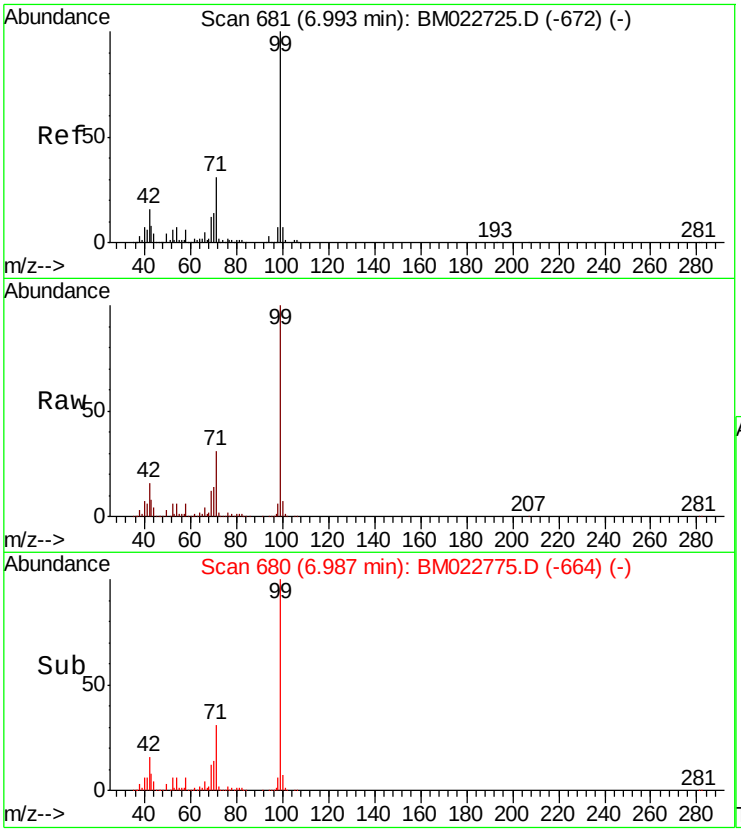


#5
2-Fluorophenol
Concen: 83.623 ng
RT: 5.40 min Scan# 410
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:112 Resp: 1148582

Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.4	65.2
63	28.1	22.1	33.1



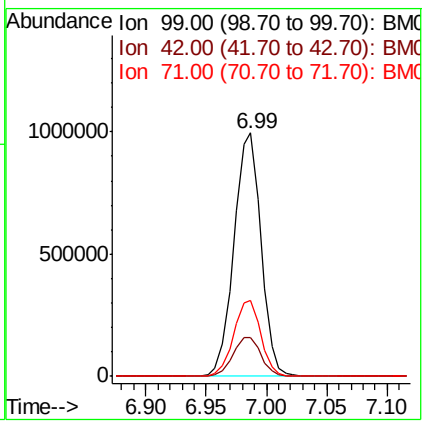


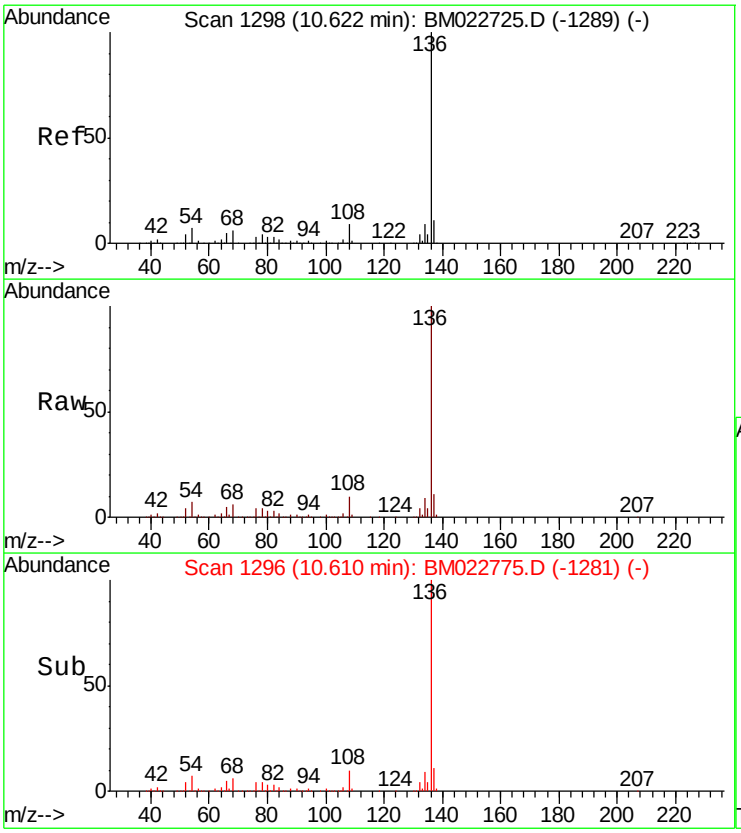
#7
Phenol-d6
Concen: 88.009 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion: 99 Resp: 1552611

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.2	24.7	37.1

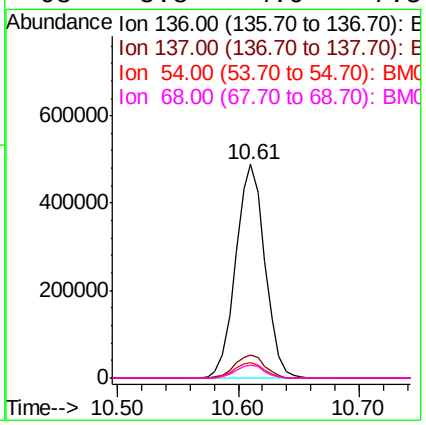


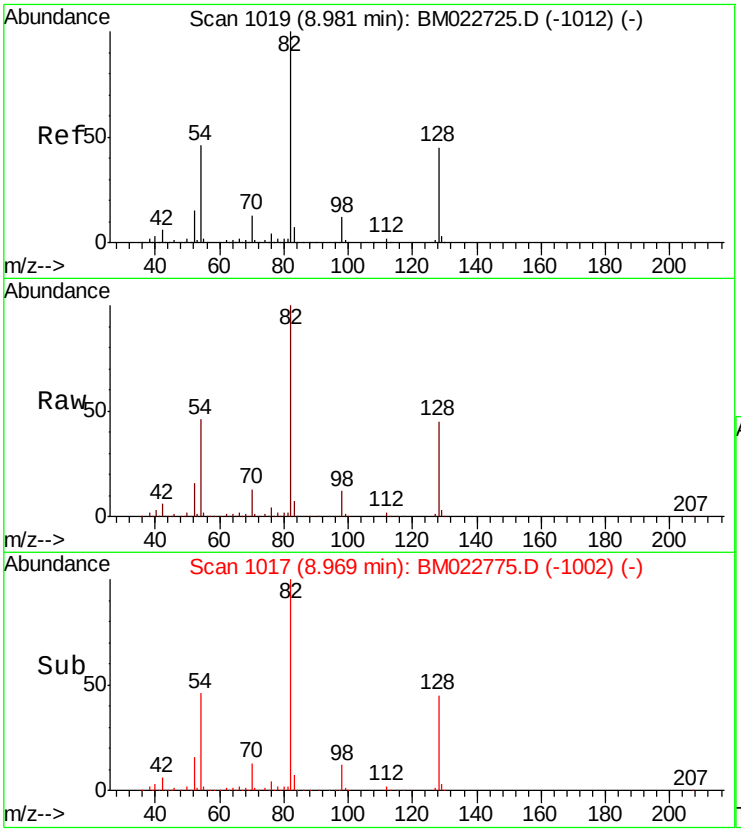


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:136 Resp: 822083

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.4	6.0	9.0
68	5.8	4.9	7.3



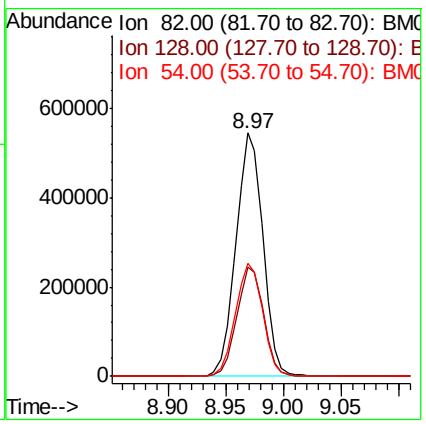


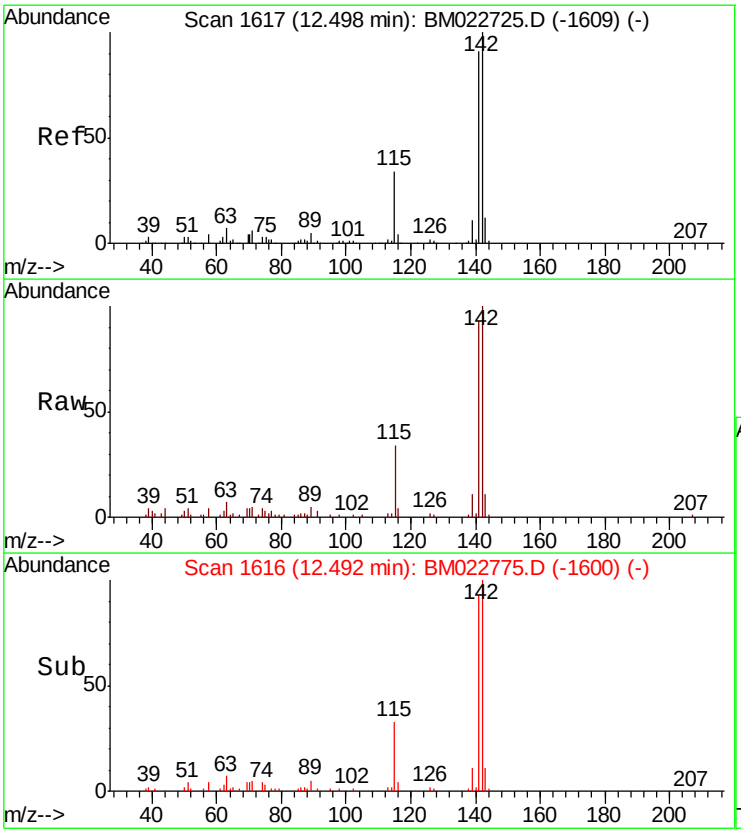
#23
Nitrobenzene-d5
Concen: 59.649 ng
RT: 8.97 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion: 82 Resp: 883382

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.0	54.0
54	46.3	37.1	55.7

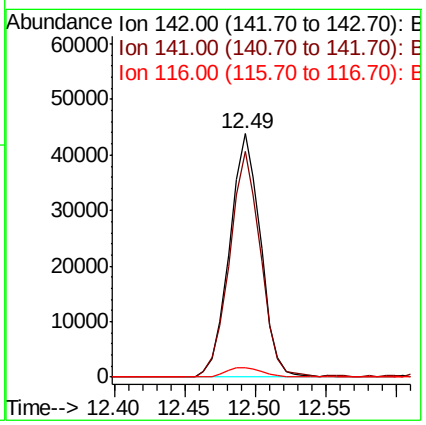


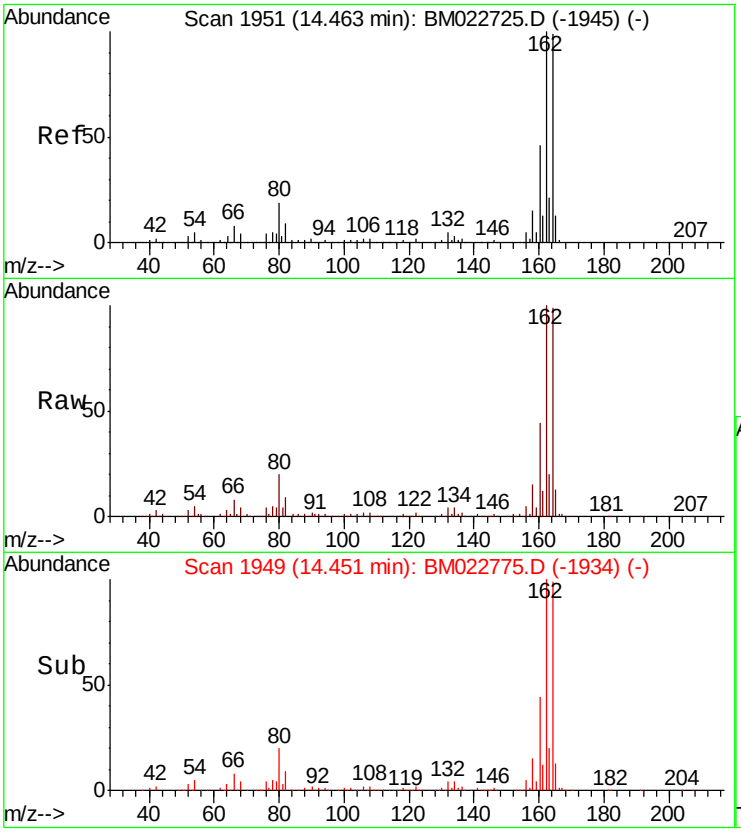


#38
1-Methylnaphthalene
Concen: 2.504 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:142 Resp: 67206

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.0	109.4
116	4.1	2.9	4.3



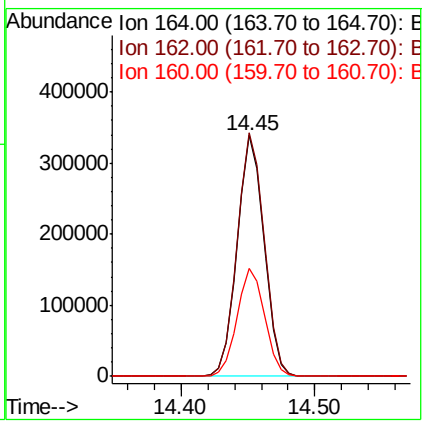


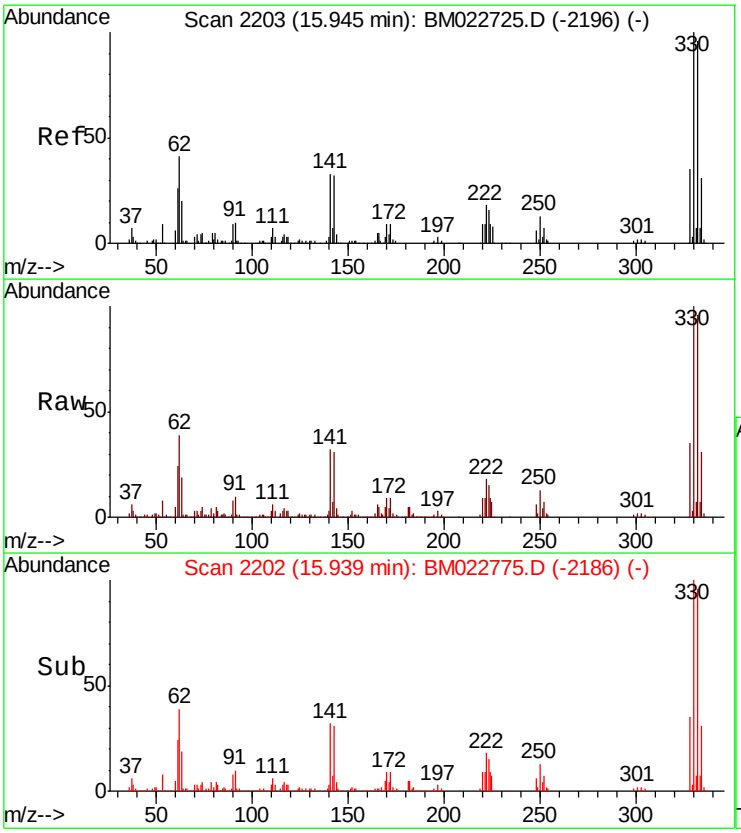
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:164 Resp: 472493

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.1	121.7
160	44.9	36.9	55.3

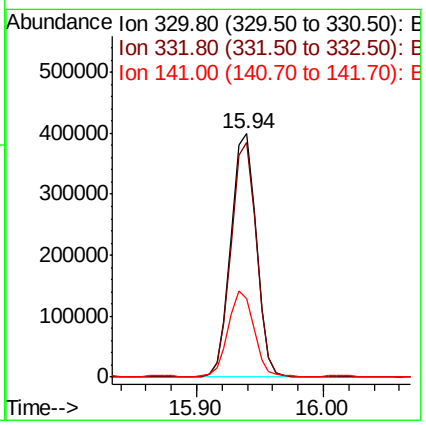


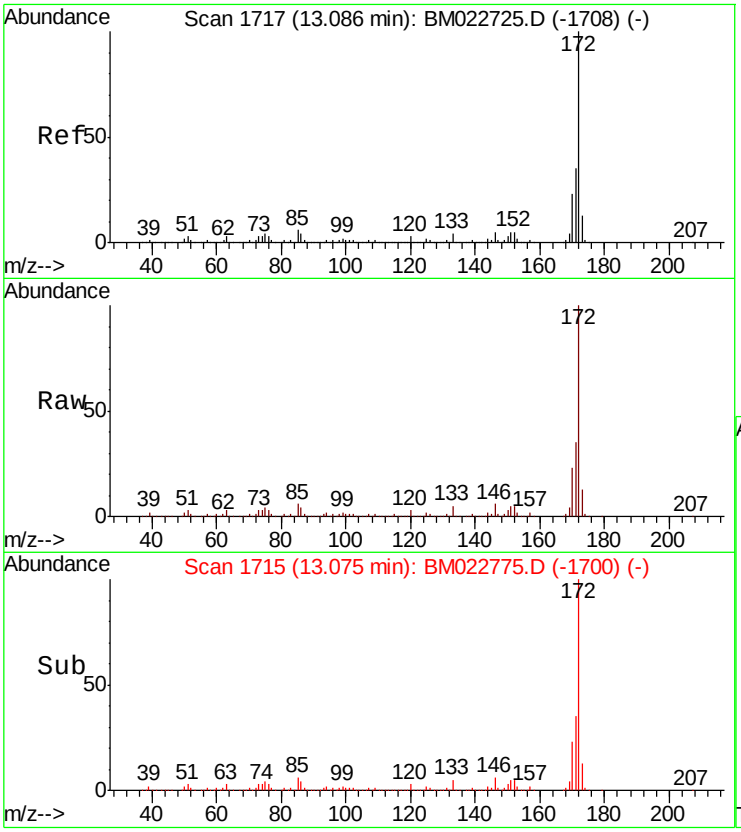


#42
2,4,6-Tribromophenol
Concen: 93.795 ng
RT: 15.94 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:330 Resp: 553231

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	35.4	28.6	42.8



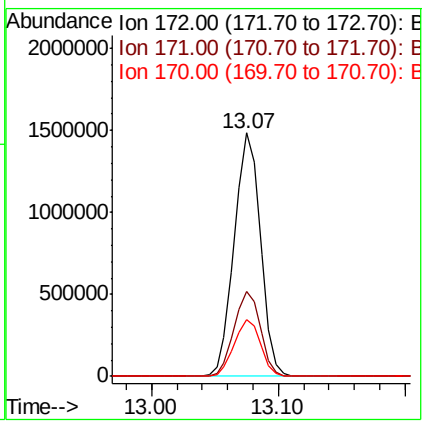


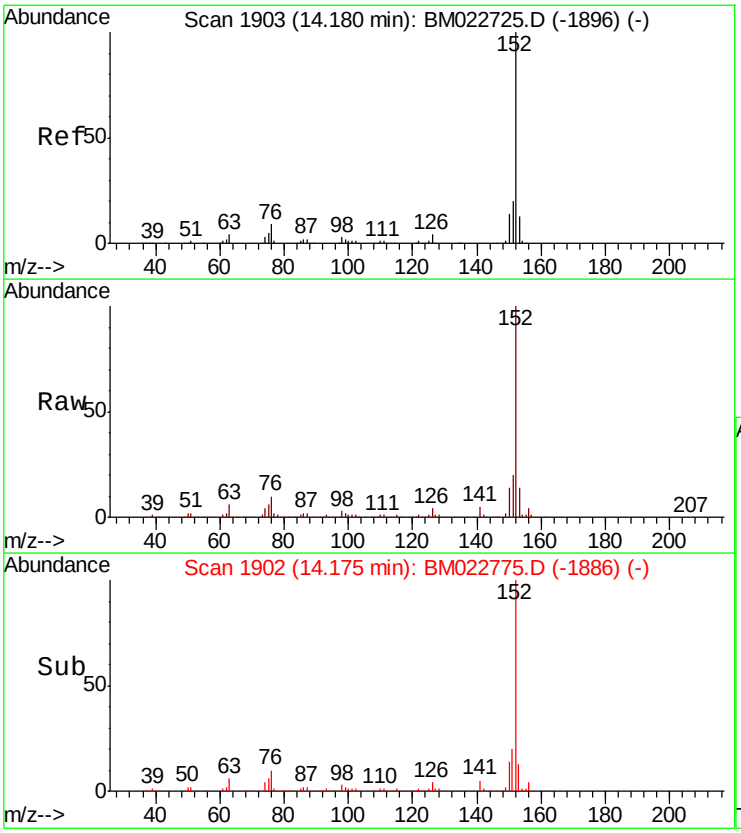
#45
2-Fluorobiphenyl
Concen: 61.976 ng
RT: 13.07 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:172 Resp: 2126540

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.1	18.7	28.1

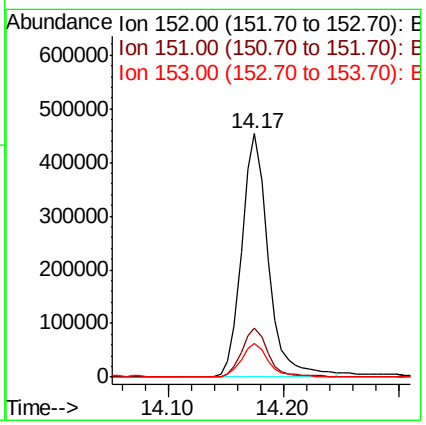


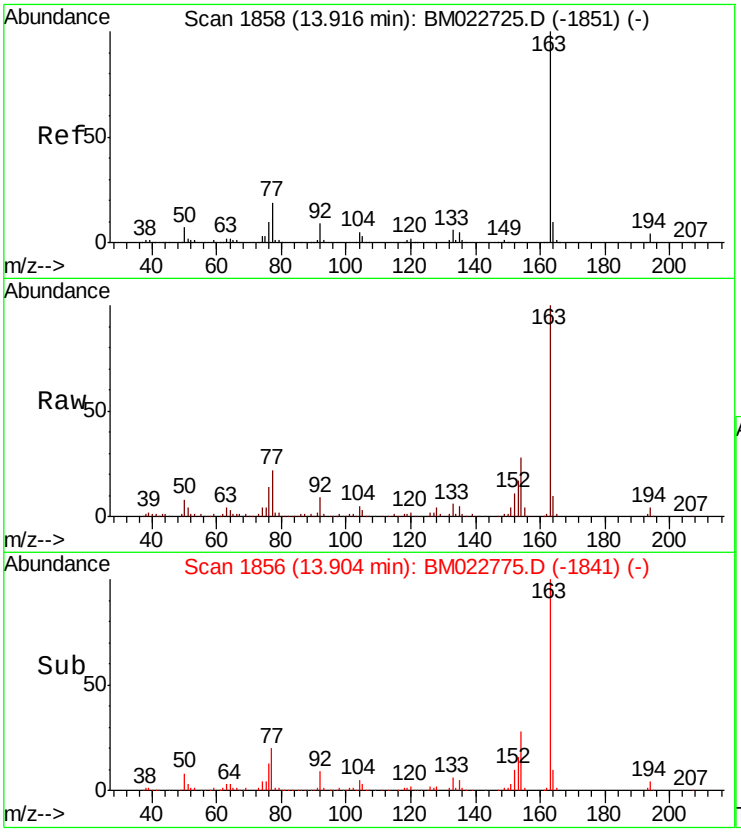


#49
Acenaphthylene
Concen: 16.861 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:152 Resp: 727755

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.7	10.5	15.7



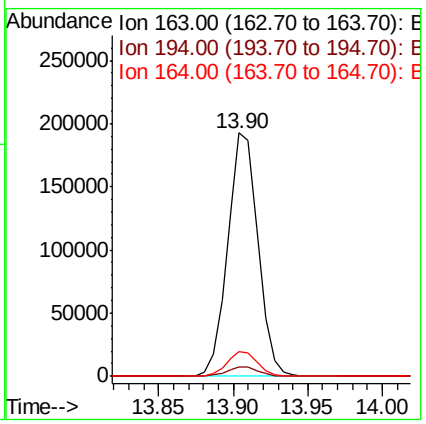


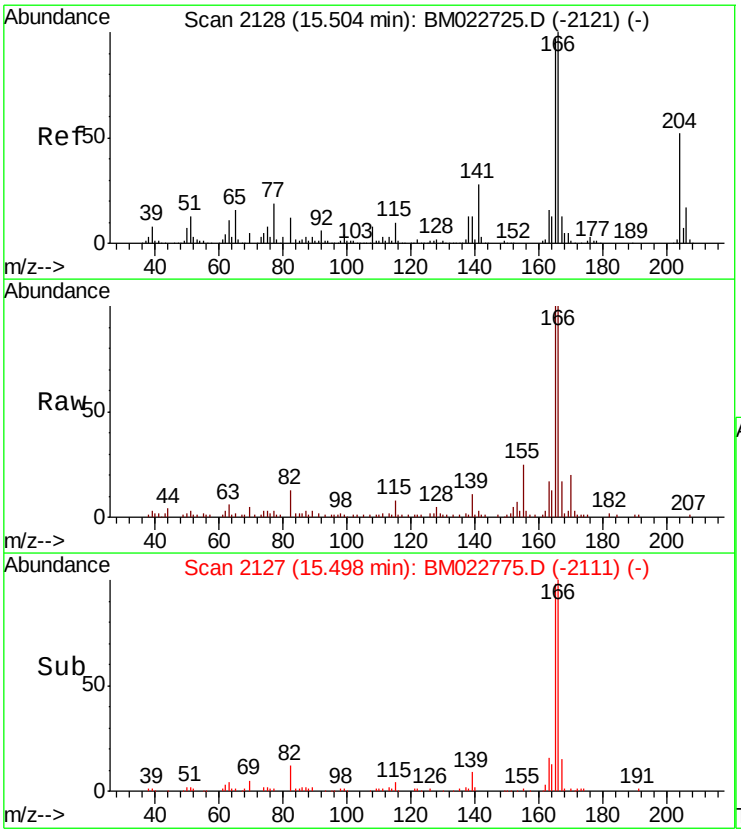
#50
Dimethylphthalate
Concen: 8.033 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:163 Resp: 274289

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.2	12.2

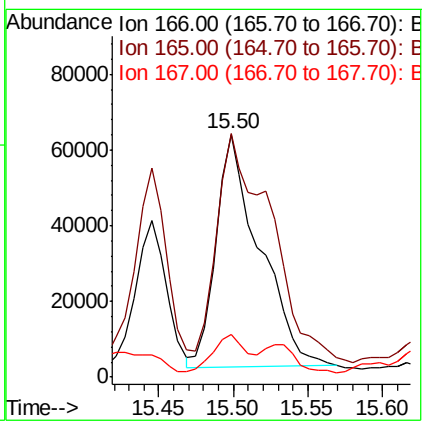


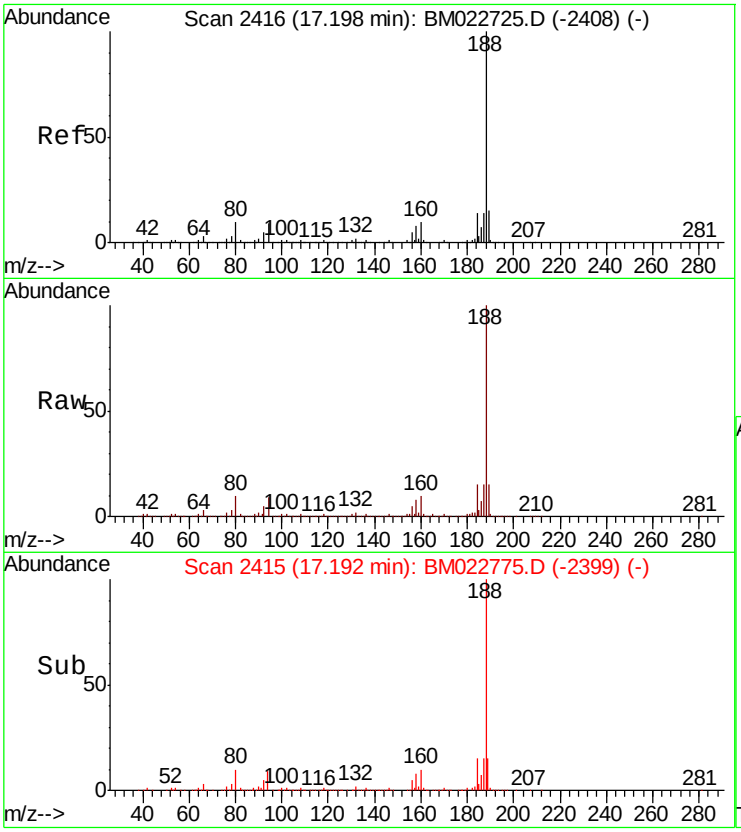


#58
Fluorene
Concen: 3.735 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:166 Resp: 125126

Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.6	116.4
167	17.4	10.8	16.2#



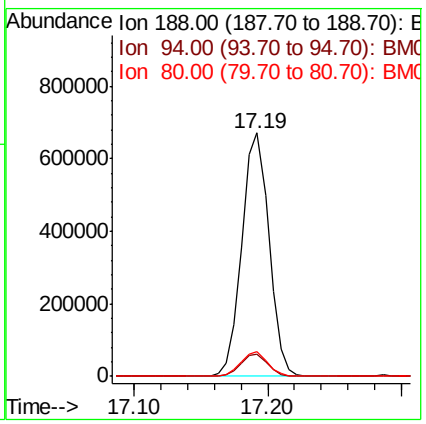


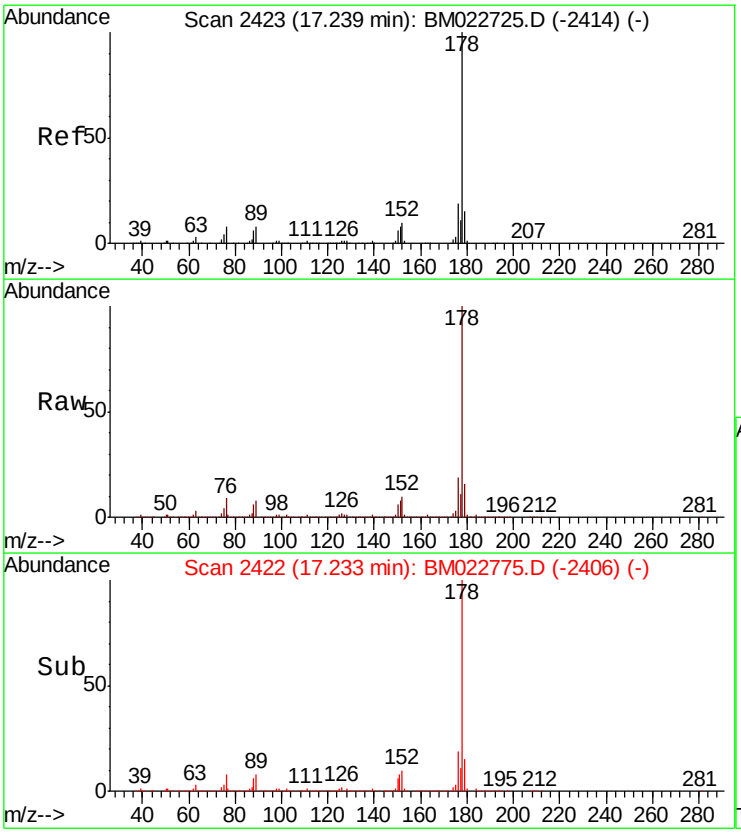
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:188 Resp: 937577

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

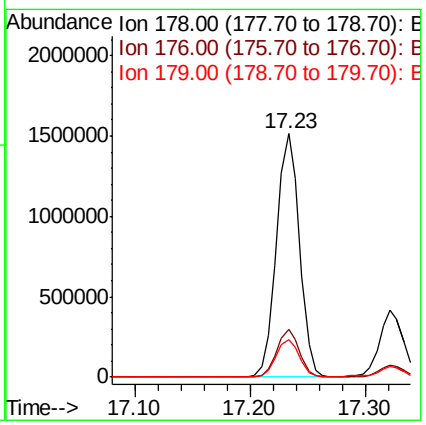


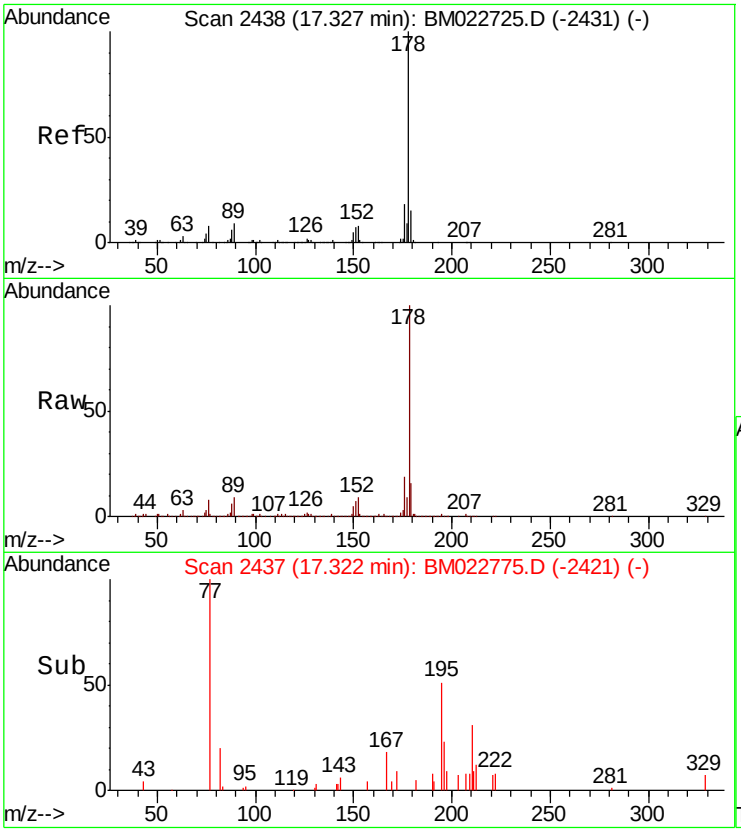


#71
Phenanthrene
Concen: 39.544 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:178 Resp: 2091987

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.3	18.5



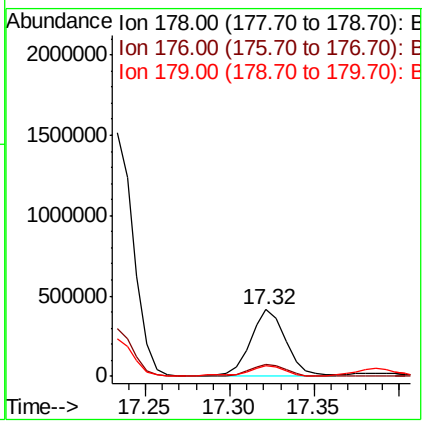


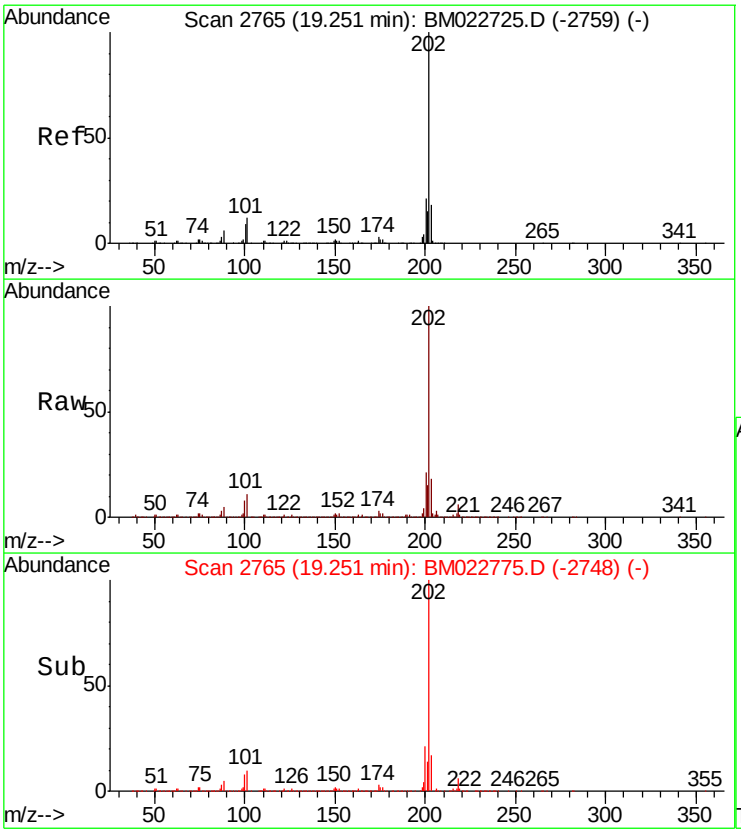
#72
Anthracene
Concen: 11.492 ng
RT: 17.32 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:178 Resp: 589228

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.9	12.2	18.4

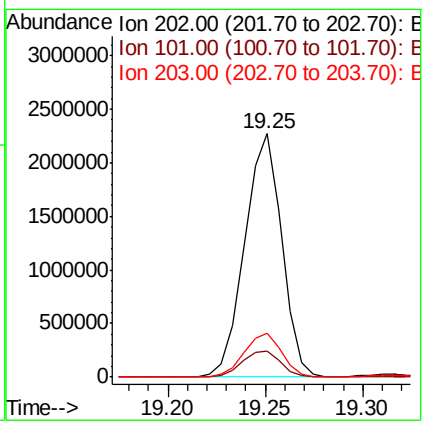


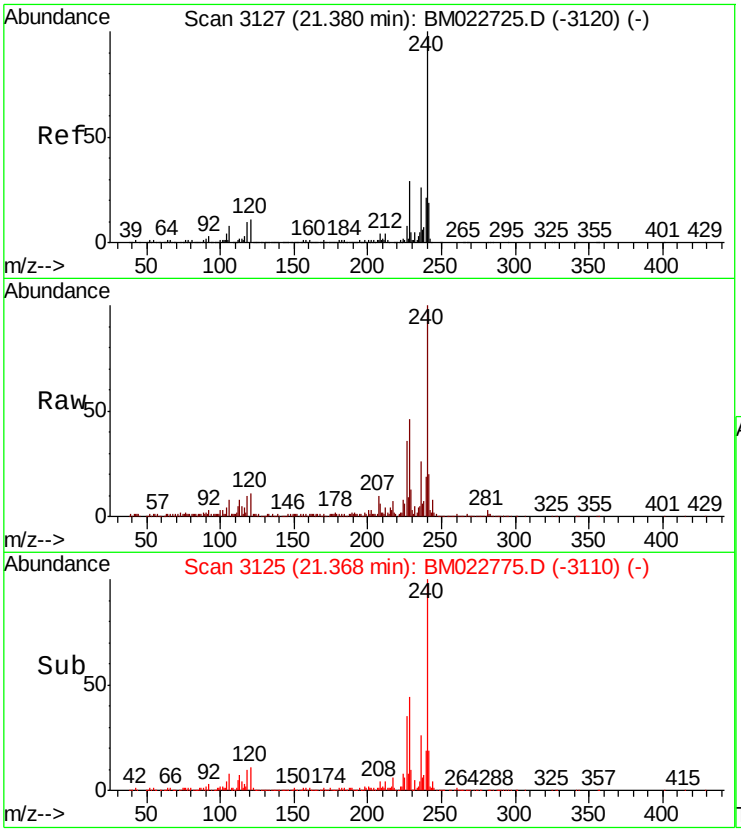


#75
Fluoranthene
Concen: 49.855 ng
RT: 19.25 min Scan# 2765
Delta R.T. 0.00 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:202 Resp: 2976239

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.1
203	18.2	0.0	37.7



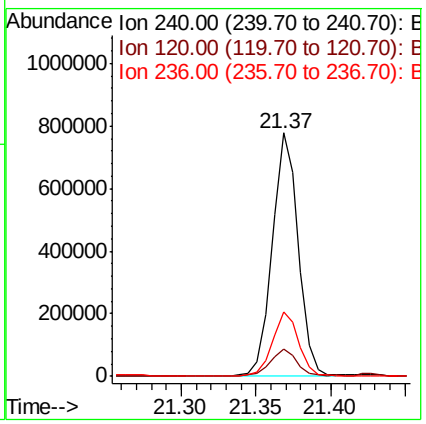


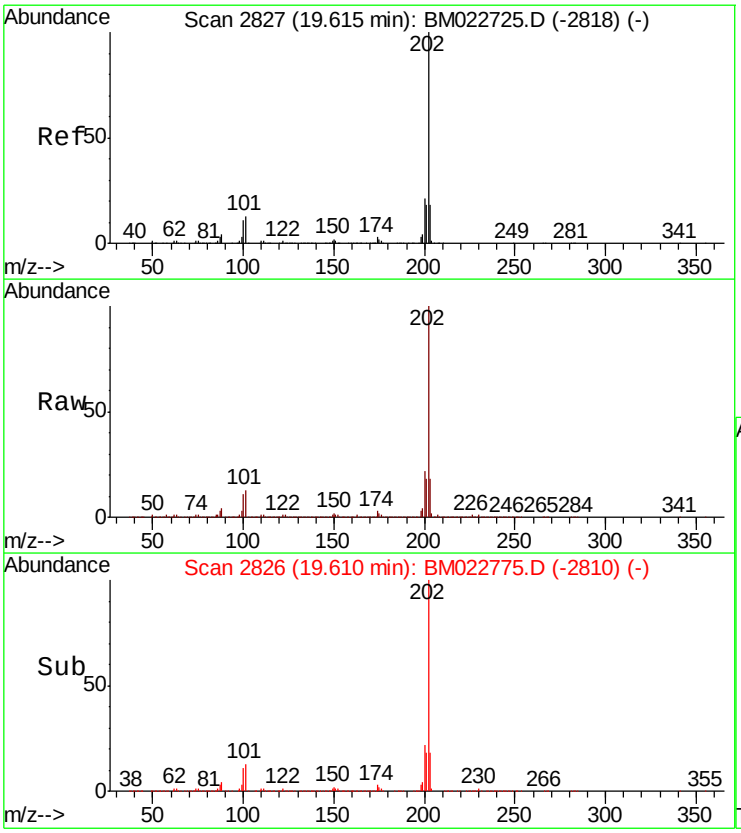
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:240 Resp: 934188

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	26.2	20.8	31.2

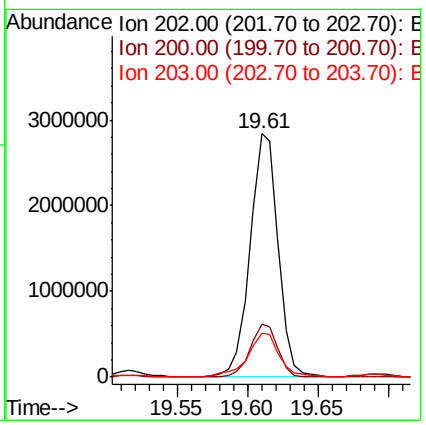


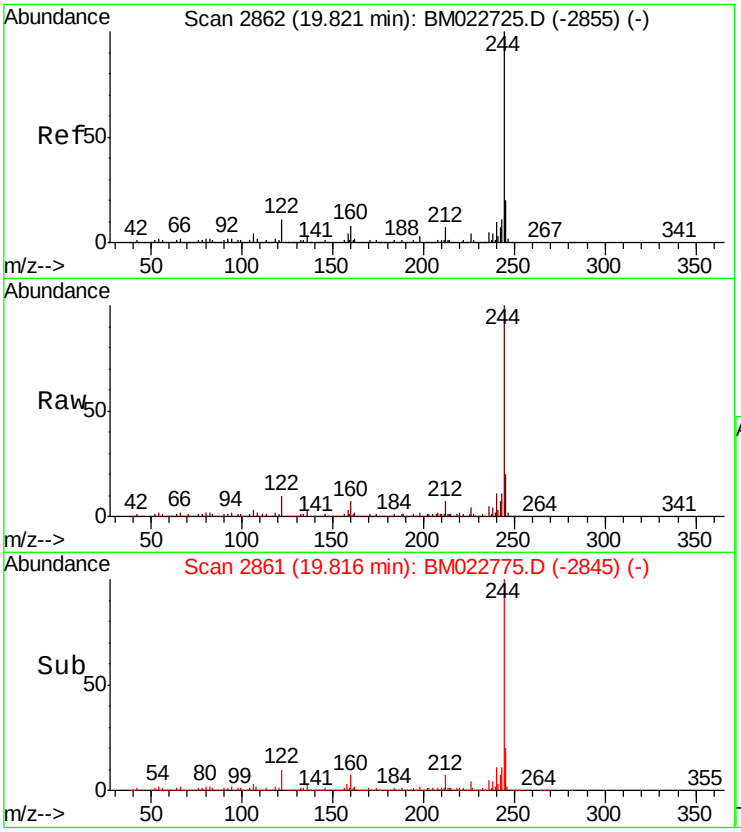


#78
Pyrene
Concen: 64.373 ng
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:202 Resp: 3941000

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	18.1	14.1	21.1



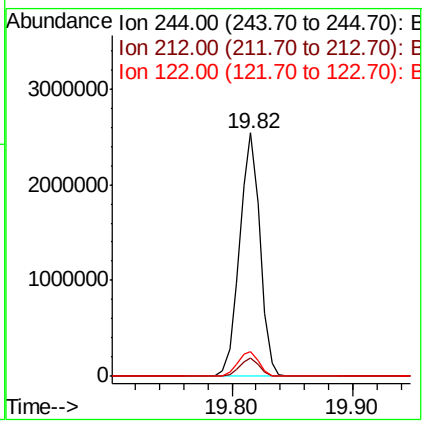


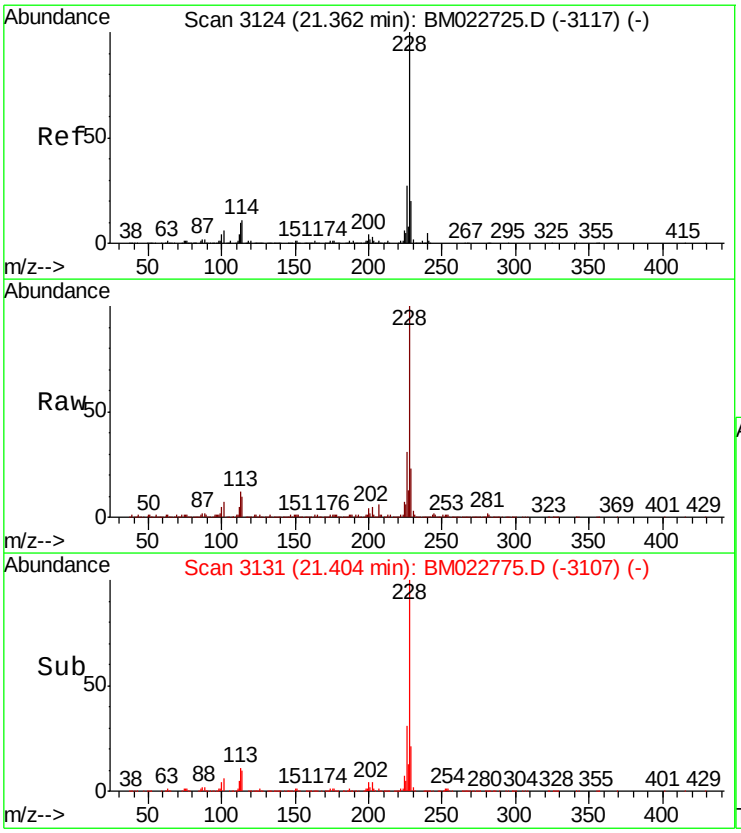
#79
Terphenyl-d14
Concen: 61.911 ng
RT: 19.82 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:244 Resp: 2986829

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.4	9.0	13.4

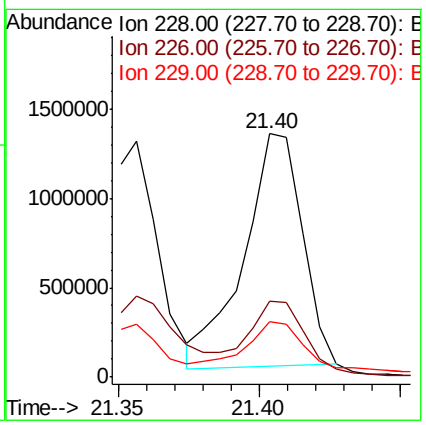


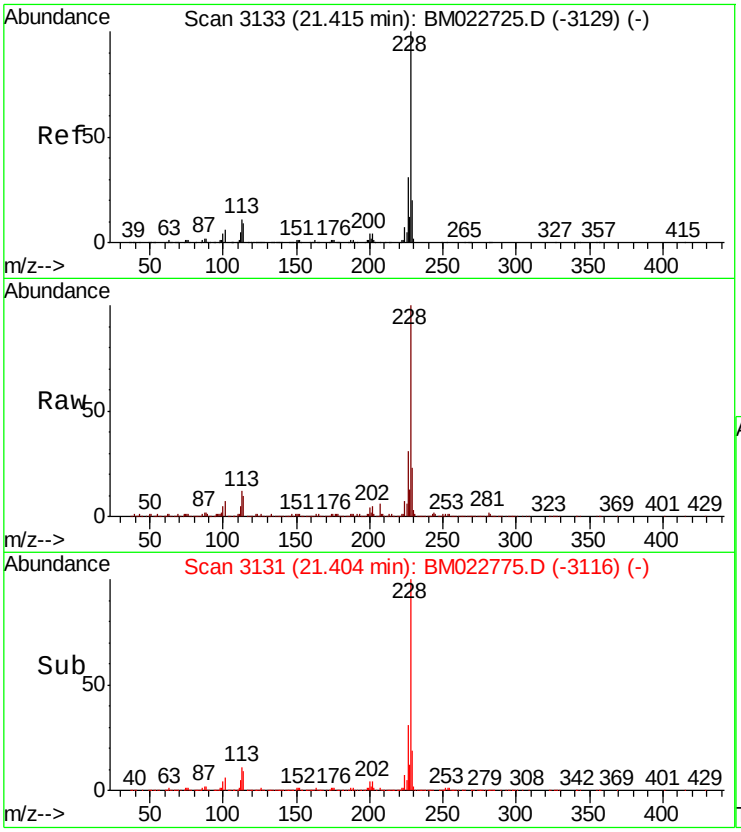


#81
Benzo(a)anthracene
Concen: 30.936 ng
RT: 21.40 min Scan# 3131
Delta R.T. 0.04 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:228 Resp: 1873067

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.0	33.0
229	22.5	15.9	23.9



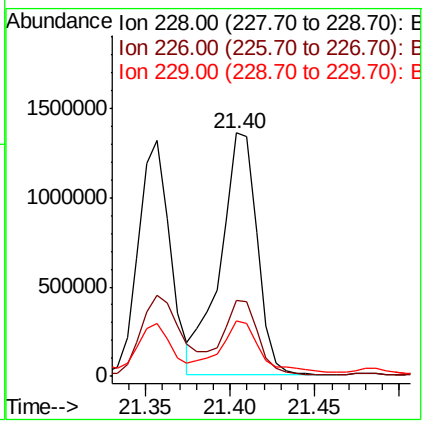


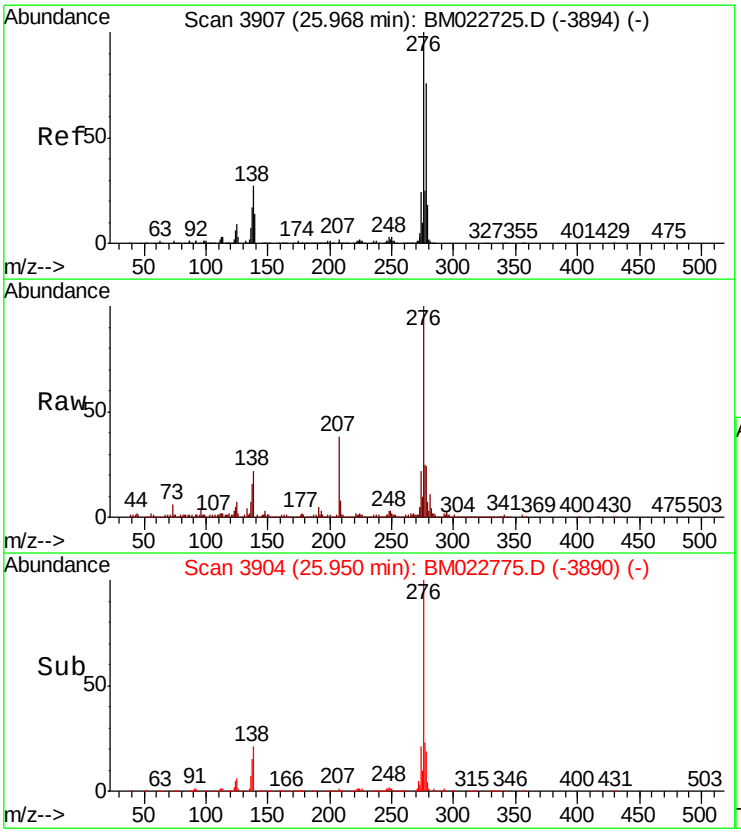
#83
Chrysene
Concen: 34.767 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:228 Resp: 2040777

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	22.5	15.9	23.9

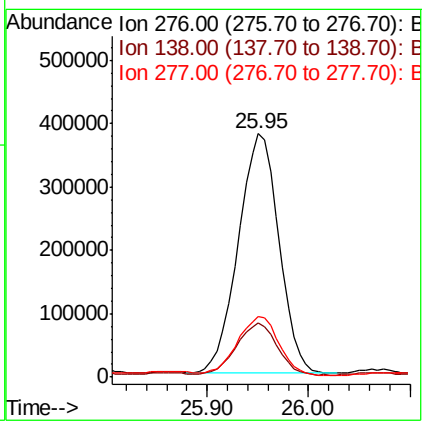


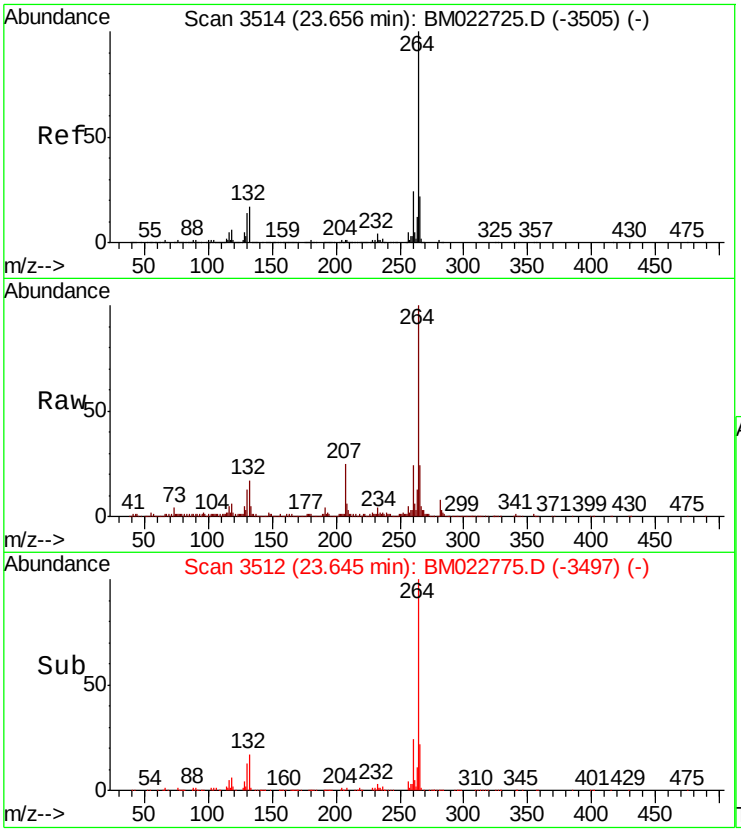


#86
Indeno(1,2,3-cd)pyrene
Concen: 15.007 ng
RT: 25.95 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:276 Resp: 1051352

Ion	Ratio	Lower	Upper
276	100		
138	21.7	0.0	0.0#
277	25.1	0.0	0.0#



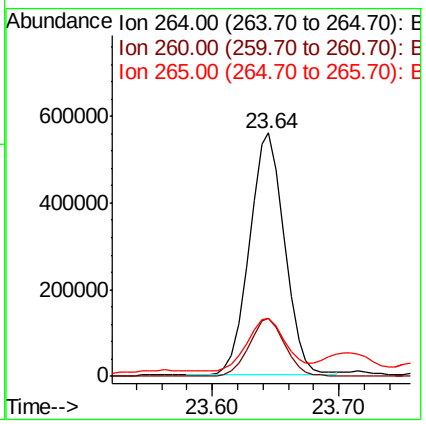


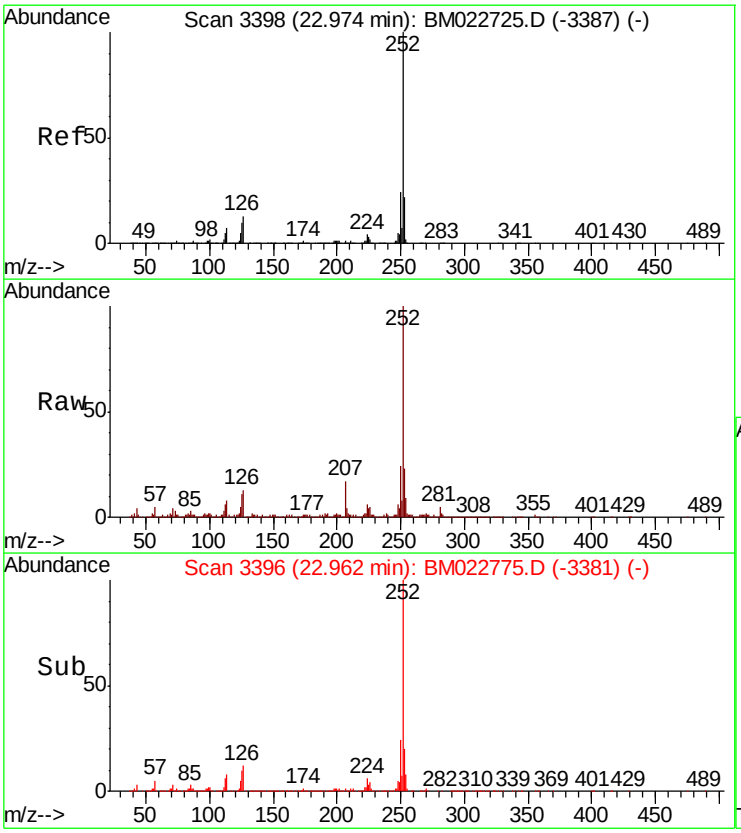
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:264 Resp: 1080092

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	23.9	17.9	26.9

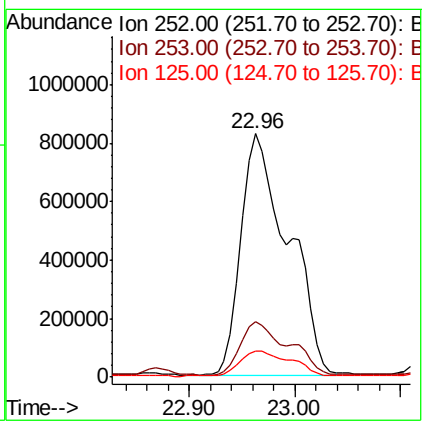


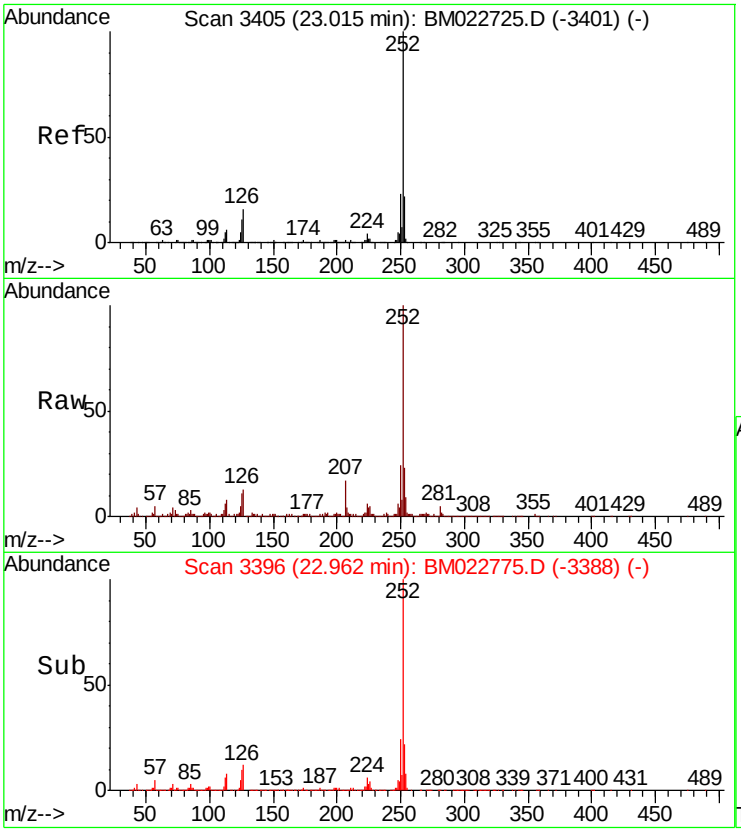


#88
Benzo(b)fluoranthene
Concen: 39.102 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:252 Resp: 2557105

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	10.8	8.2	12.4



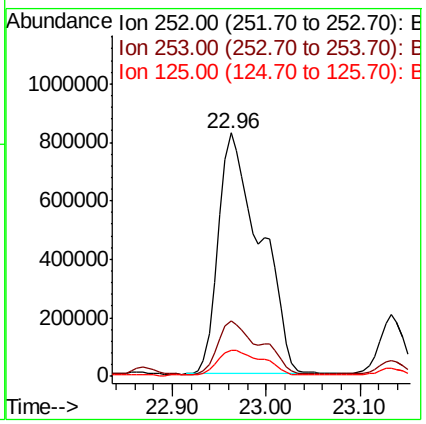


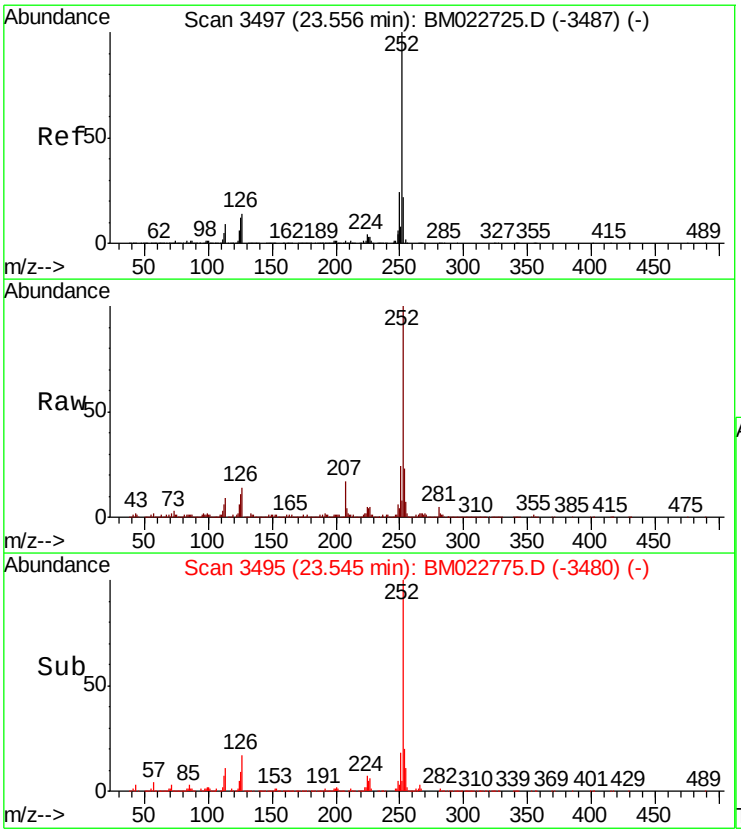
#89
Benzo(k)fluoranthene
Concen: 39.277 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:252 Resp: 2548615

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	10.8	8.5	12.7

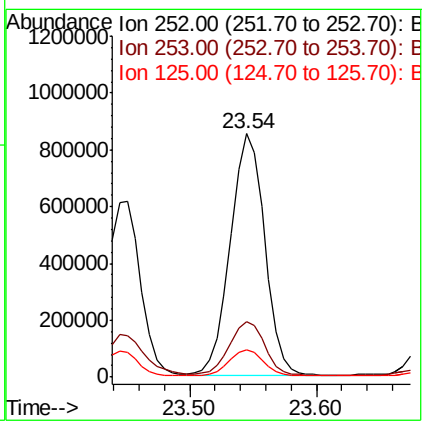


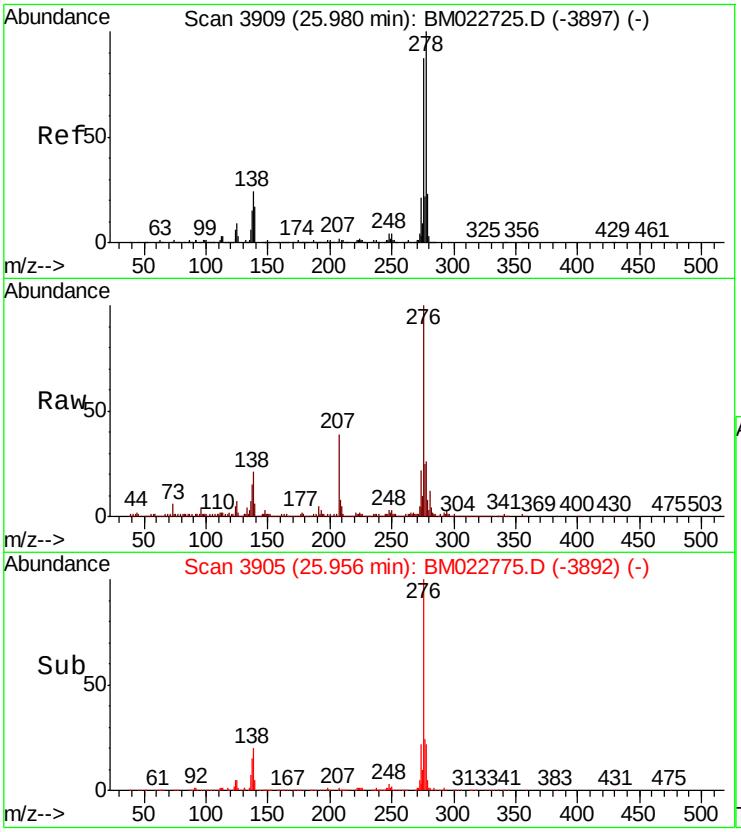


#90
Benzo(a)pyrene
Concen: 26.382 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:252 Resp: 1589754

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.4	9.3	13.9



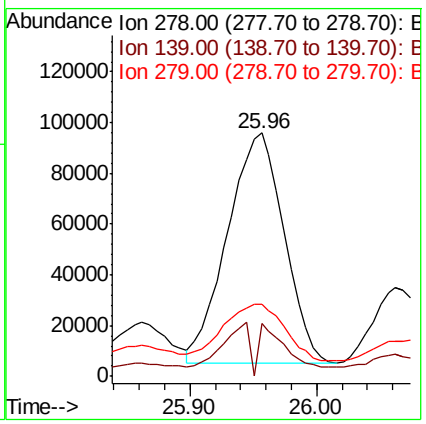


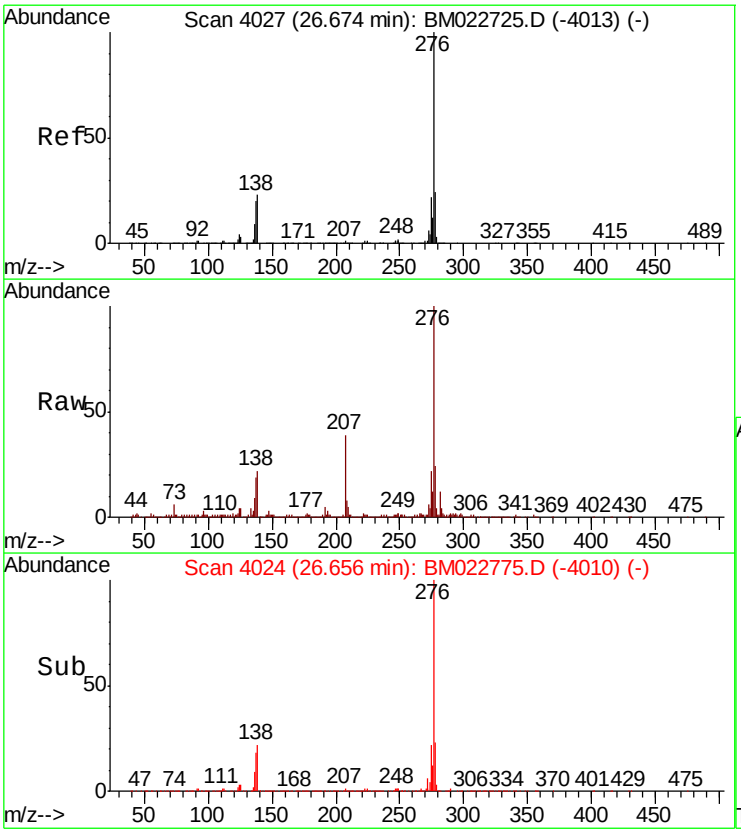
#91
Dibenzo(a,h)anthracene
Concen: 4.490 ng
RT: 25.96 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Instrument :
BNA_M
ClientSampleId :
WC-08-091919

Tgt Ion:278 Resp: 283003

Ion	Ratio	Lower	Upper
278	100		
139	21.7	13.7	20.5#
279	29.5	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 19.442 ng
RT: 26.66 min Scan# 4024
Delta R.T. -0.02 min
Lab File: BM022775.D
Acq: 25 Sep 2019 17:16

Tgt Ion:276 Resp: 1163985

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	22.3	18.5	27.7