Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022461.D
Acq On : 31 Aug 2019 03:26
Operator : HP/JU
Sample : K4439-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 31 05:33:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	22568	20.00	ng		-0.01
21) Naphthalene-d8	10.29	136	80134	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	50423	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	122152	20.00	ng		0.00
76) Chrysene-d12	21.17	240	207865	20.00	ng		0.00
87) Perylene-d12	23.36	264	257433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	56516	43.96	ng		0.00
7) Phenol-d6	6.72	99	69803	40.60	ng		0.00
23) Nitrobenzene-d5	8.69	82	48857	26.70	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	34912	33.84	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	102492	23.03	ng		0.00
79) Terphenyl-d14	19.59	244	249601	15.85	ng		-0.01
Target Compounds							Qvalue
50) Dimethylphthalate	13.66	163	11247	2.565	ng		99
52) Acenaphthene	14.25	154	6026	2.035	ng		93
71) Phenanthrene	16.99	178	182042	25.567	ng		99
72) Anthracene	17.09	178	36619	5.227	ng		99
75) Fluoranthene	19.02	202	550546	58.062	ng		98
78) Pyrene	19.39	202	568841	40.155	ng		100
81) Benzo(a)anthracene	21.15	228	371198	24.880	ng		99
83) Chrysene	21.20	228	333714	23.499	ng		98
86) Indeno(1,2,3-cd)pyrene	25.54	276	219759	15.385	ng		98
88) Benzo(b)fluoranthene	22.71	252	595920	33.321	ng	#	99
89) Benzo(k)fluoranthene	22.71	252	596331	33.612	ng	#	97
90) Benzo(a)pyrene	23.26	252	349659	22.027	ng		99
91) Dibenzo(a,h)anthracene	25.54	278	59031	3.729	ng	#	86
92) Benzo(g,h,i)perylene	26.22	276	218357	15.828	ng		97

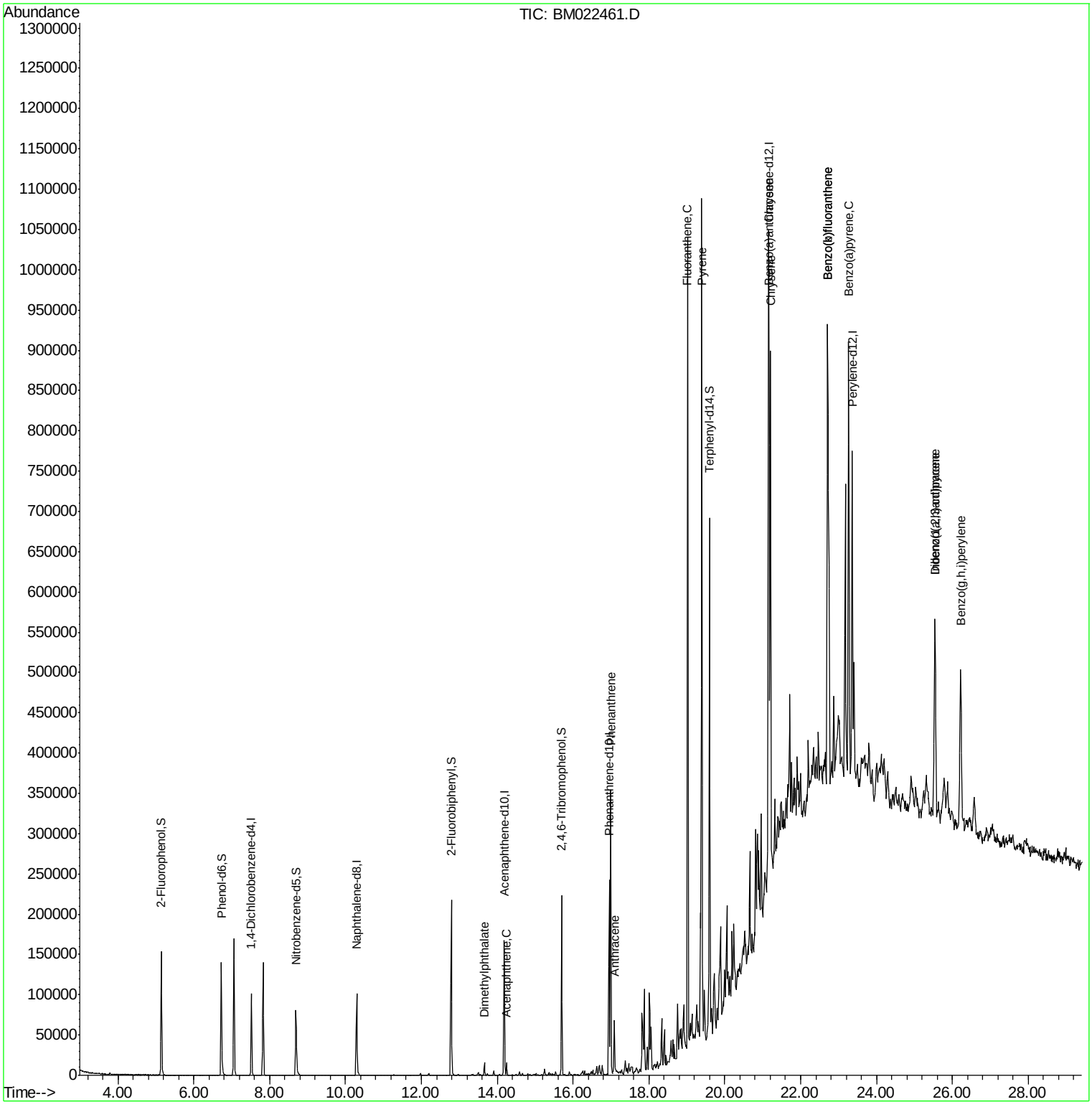
(#) = qualifier out of range (m) = manual integration (+) = signals summed

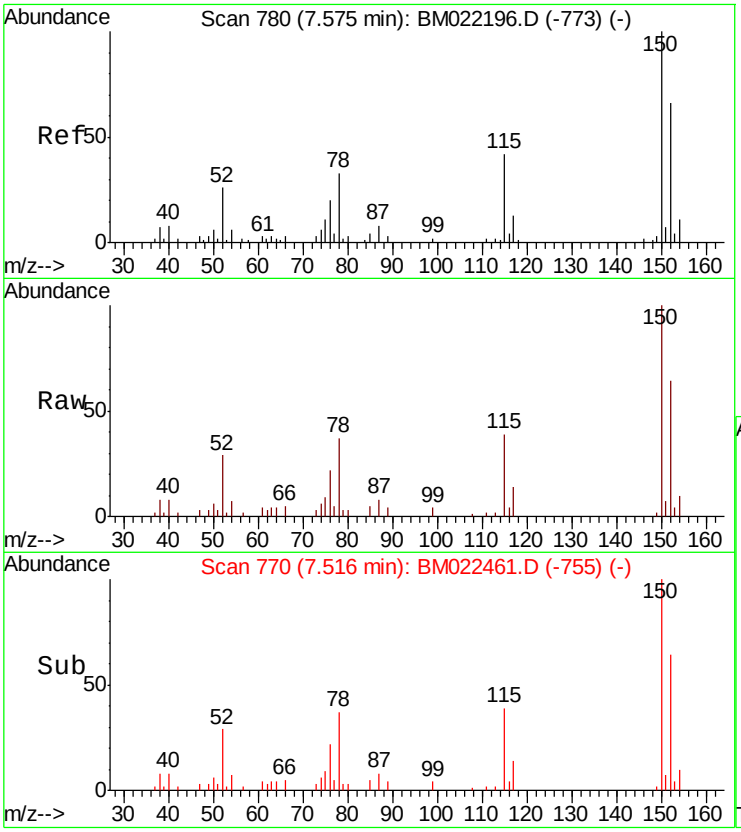
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022461.D
Acq On : 31 Aug 2019 03:26
Operator : HP/JU
Sample : K4439-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 31 05:33:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration



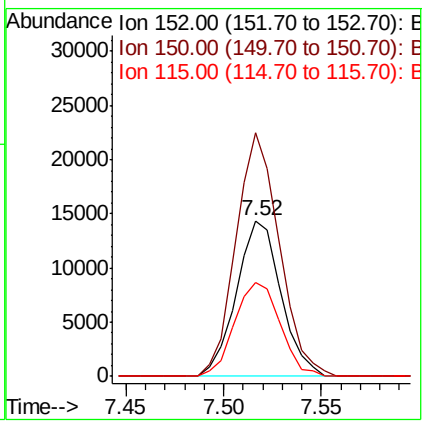


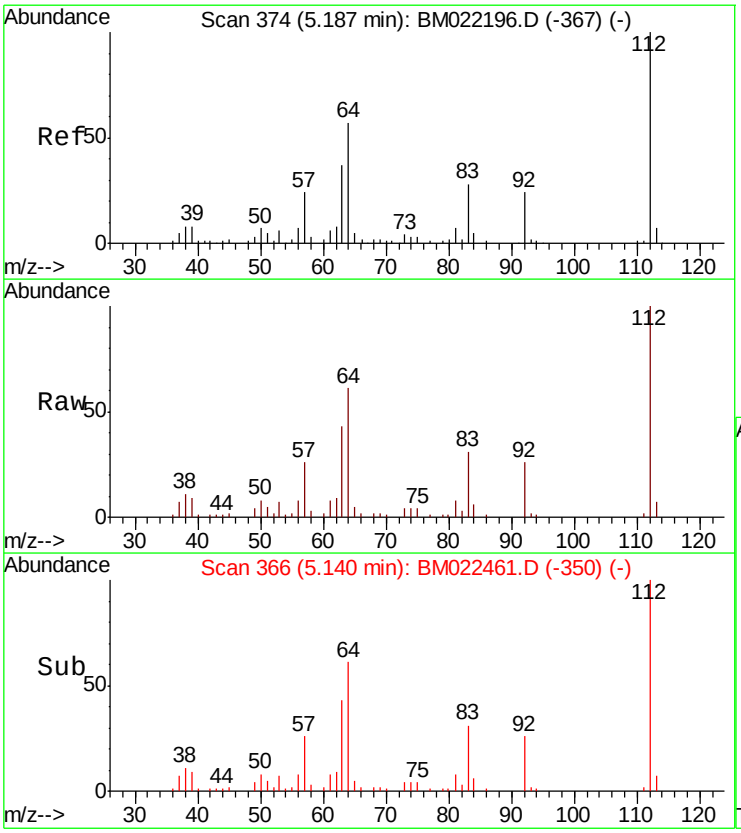
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 22568

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.4	188.0
115	60.7	50.3	75.5

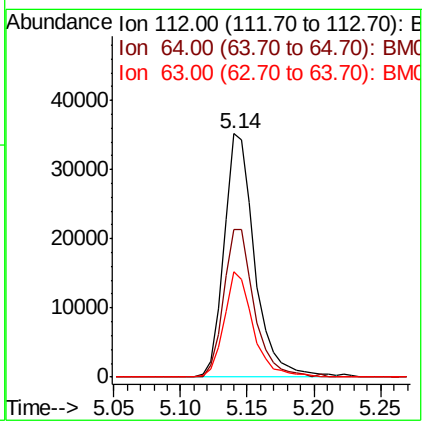


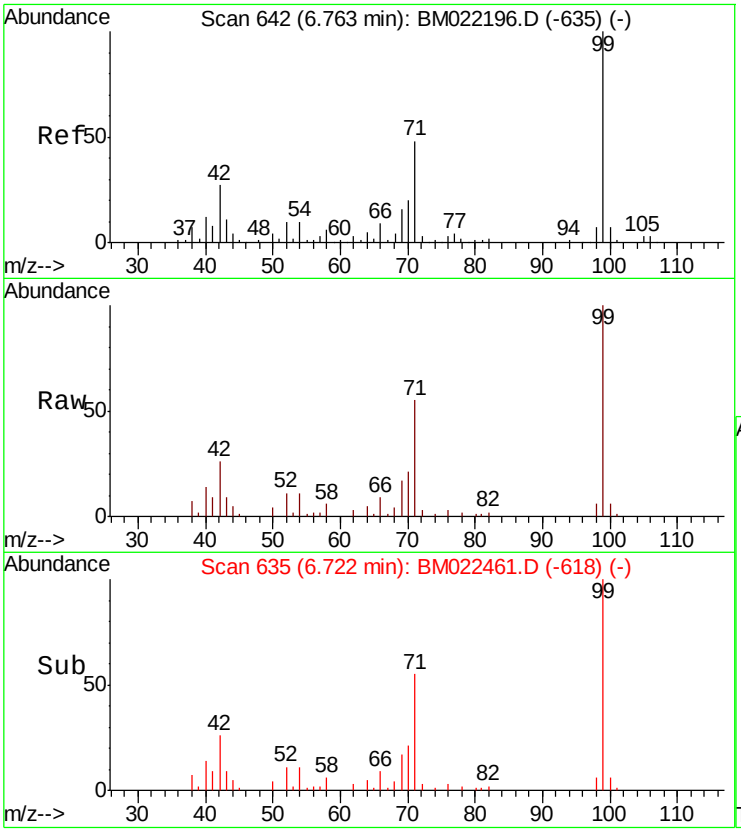


#5
2-Fluorophenol
Concen: 43.958 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:112 Resp: 56516

Ion	Ratio	Lower	Upper
112	100		
64	60.9	45.4	68.2
63	43.1	34.5	51.7



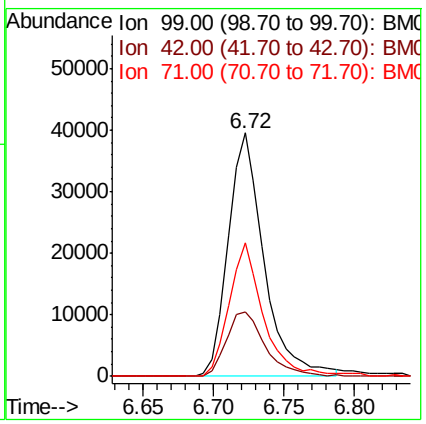


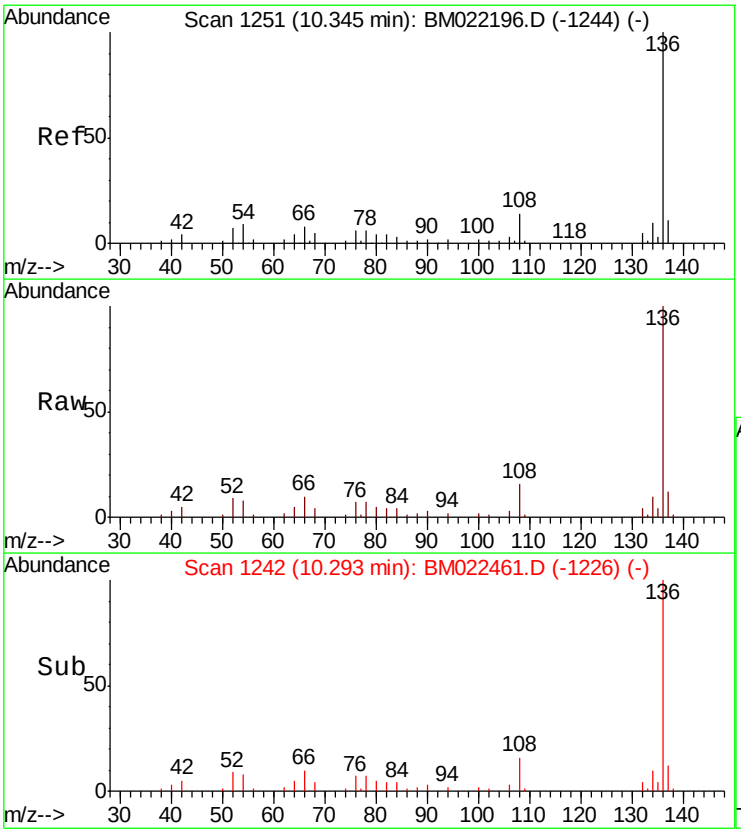
#7
Phenol-d6
Concen: 40.600 ng
RT: 6.72 min Scan# 635
Delta R.T. 0.00 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 69803

Ion	Ratio	Lower	Upper
99	100		
42	26.5	26.3	39.5
71	54.6	46.6	69.8

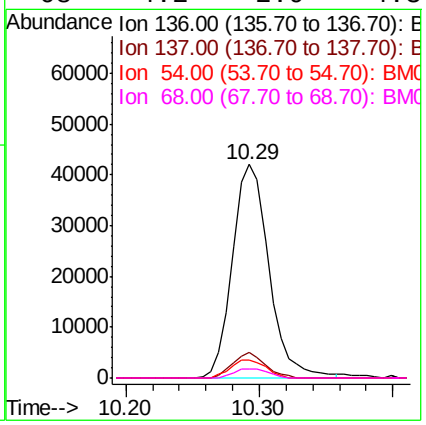


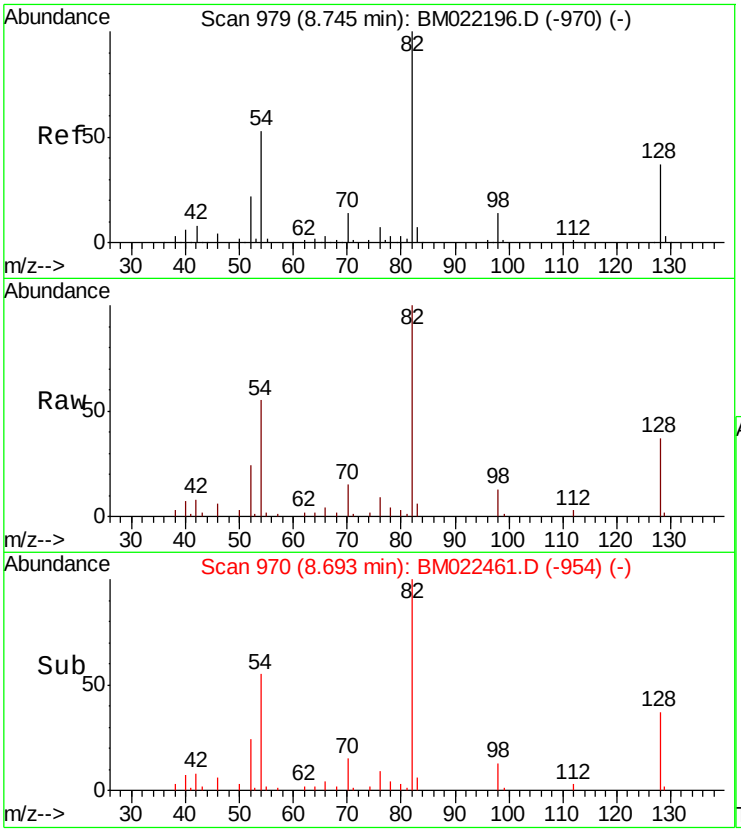


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:136 Resp: 80134

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	8.4	7.0	10.6
68	4.2	2.9	4.3



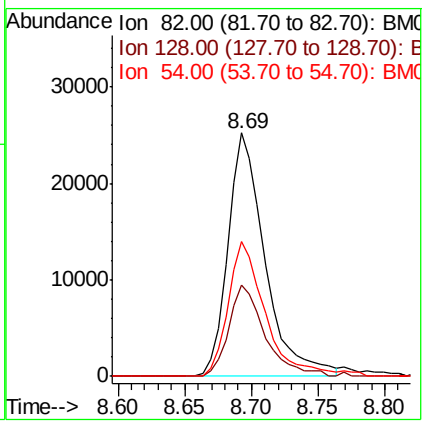


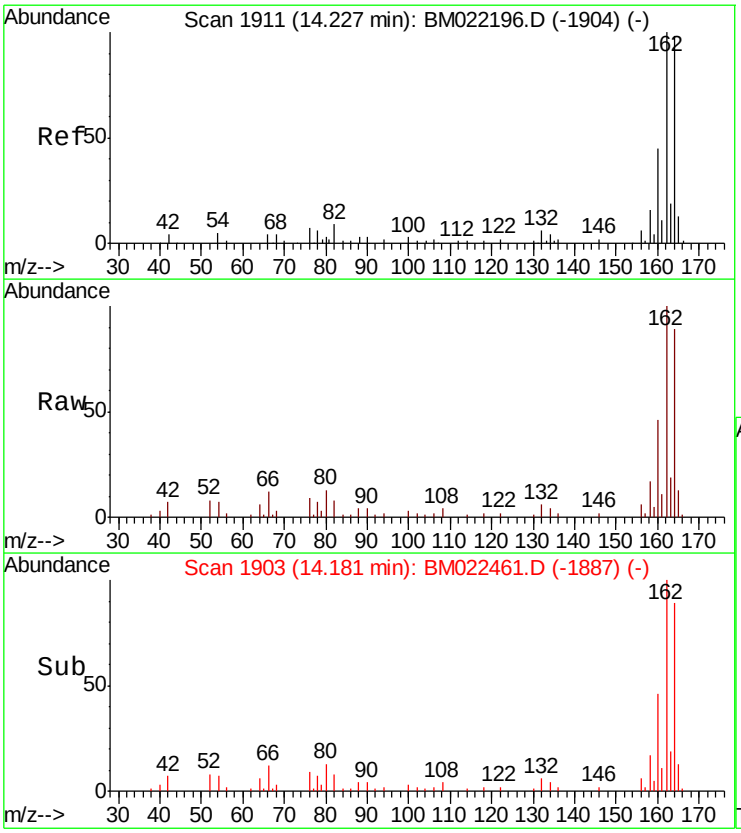
#23
Nitrobenzene-d5
Concen: 26.705 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 48857

Ion	Ratio	Lower	Upper
82	100		
128	37.3	27.9	41.9
54	55.3	45.2	67.8

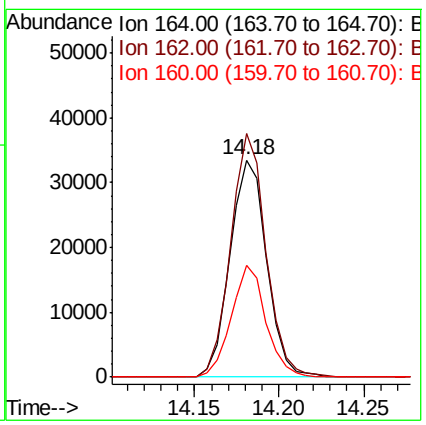


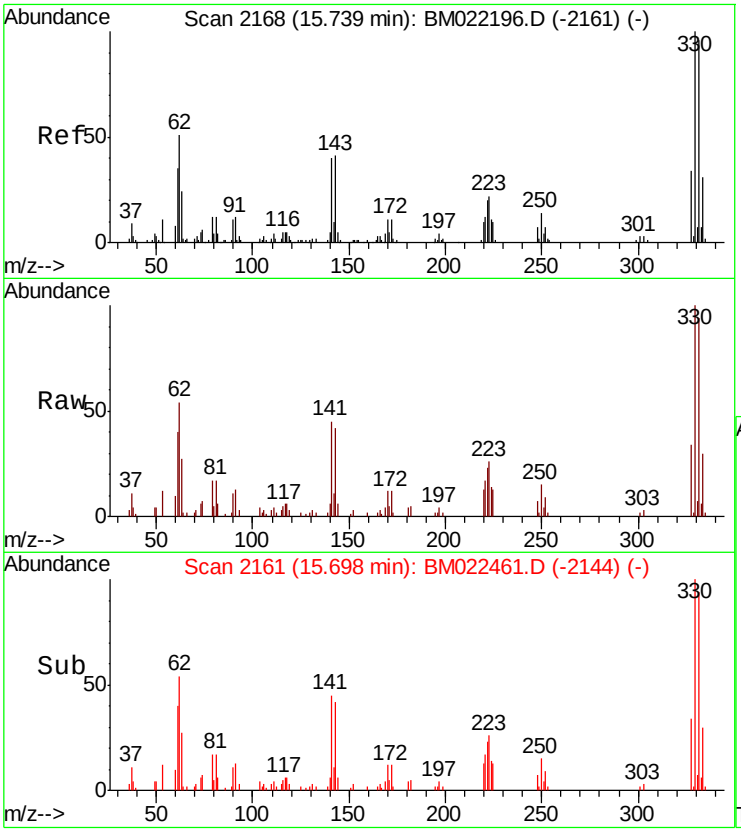


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:164 Resp: 50423

Ion	Ratio	Lower	Upper
164	100		
162	112.0	80.6	121.0
160	51.2	37.3	55.9



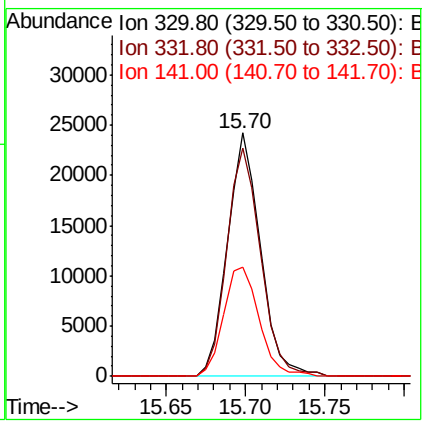


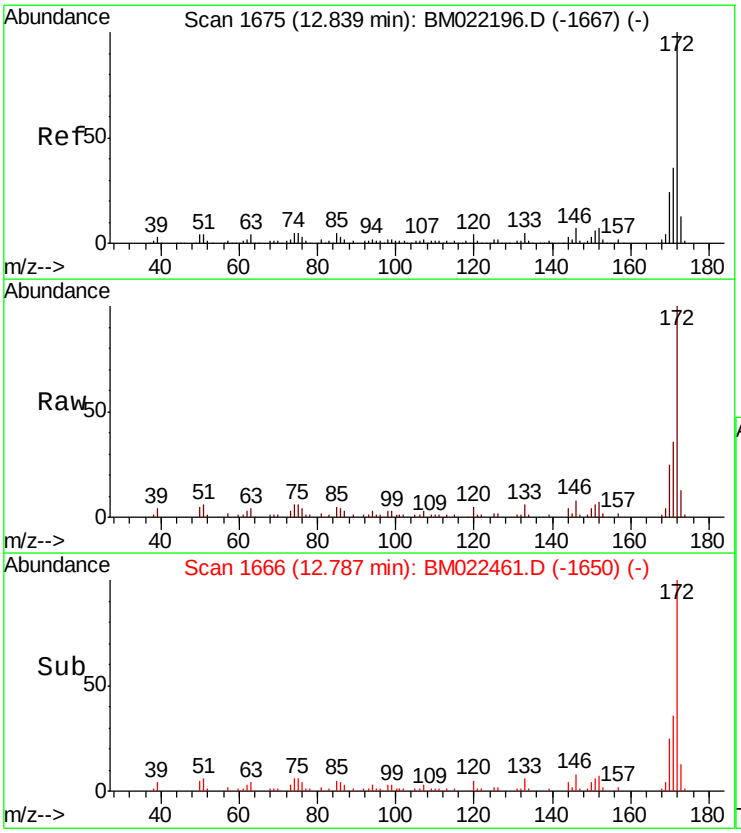
#42
2,4,6-Tribromophenol
Concen: 33.836 ng
RT: 15.70 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 34912

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.8
141	48.6	35.6	53.4

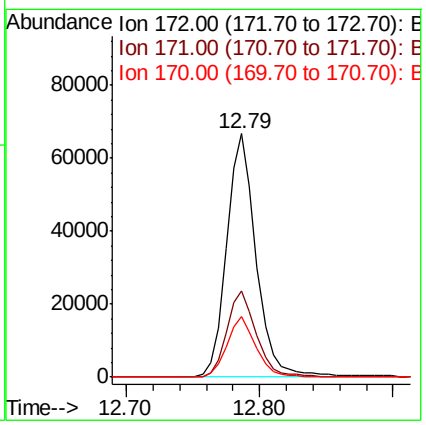


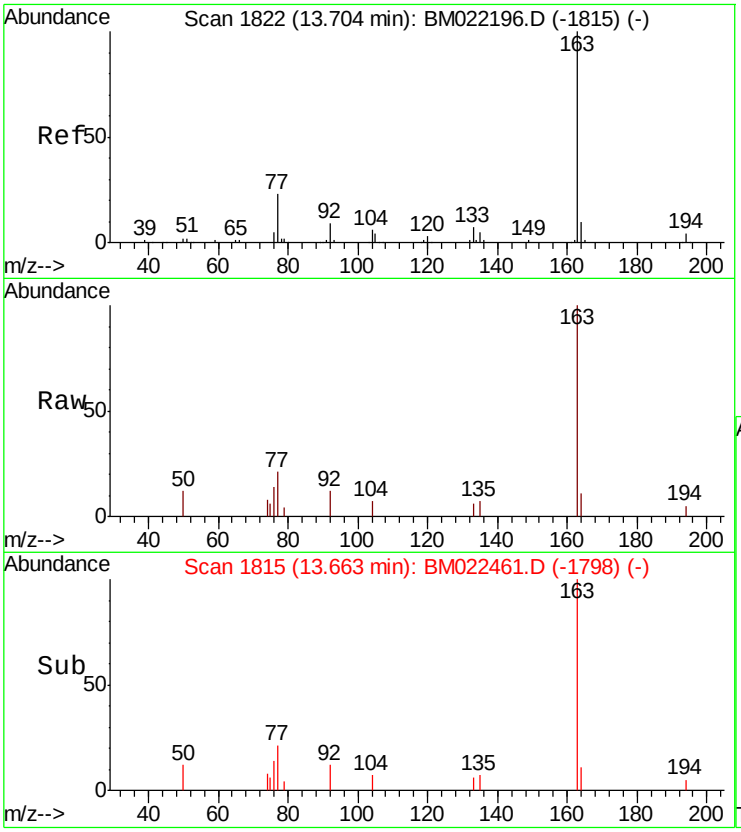


#45
2-Fluorobiphenyl
Concen: 23.027 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:172 Resp: 102492

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.8	18.9	28.3



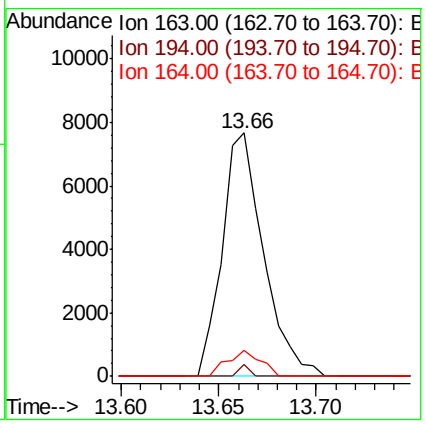


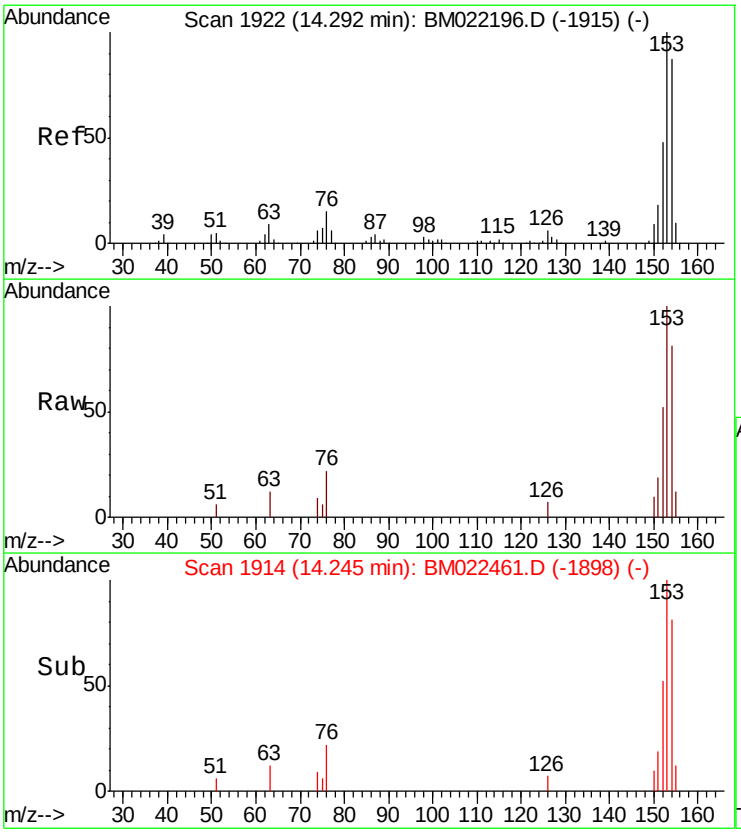
#50
Dimethylphthalate
Concen: 2.565 ng
RT: 13.66 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 11247

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.6	8.2	12.2

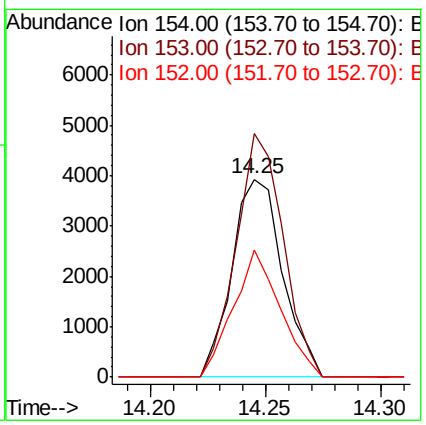


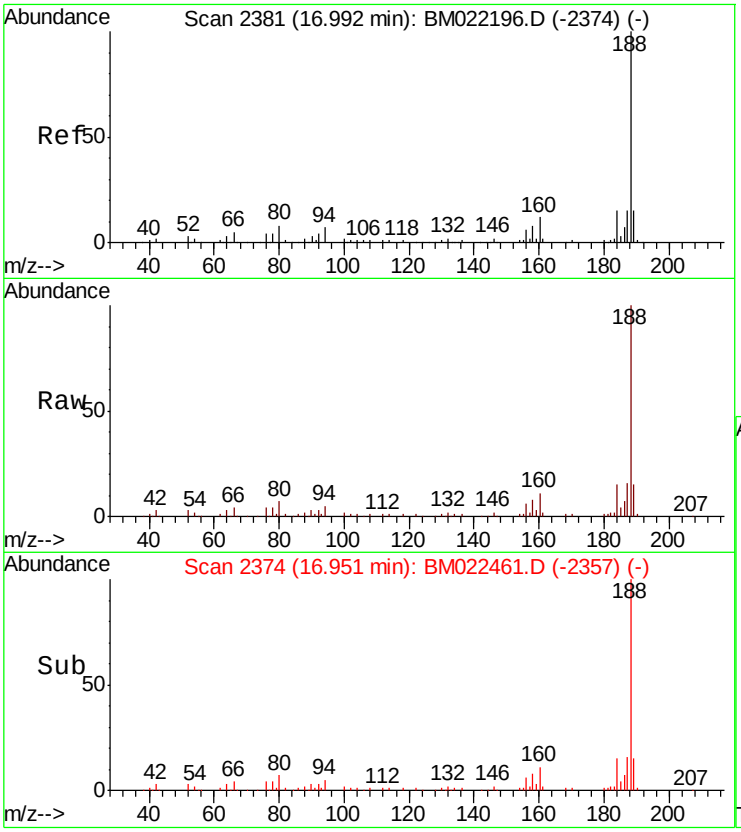


#52
Acenaphthene
Concen: 2.035 ng
RT: 14.25 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:154 Resp: 6026

Ion	Ratio	Lower	Upper
154	100		
153	123.2	94.3	141.5
152	64.5	45.4	68.2



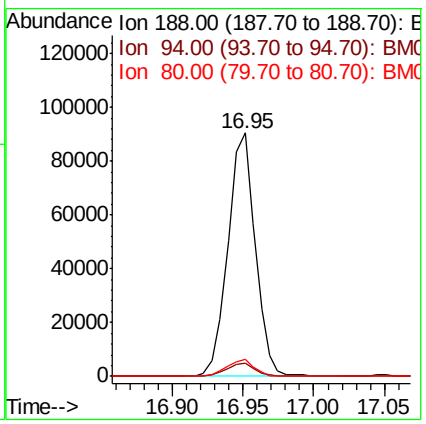


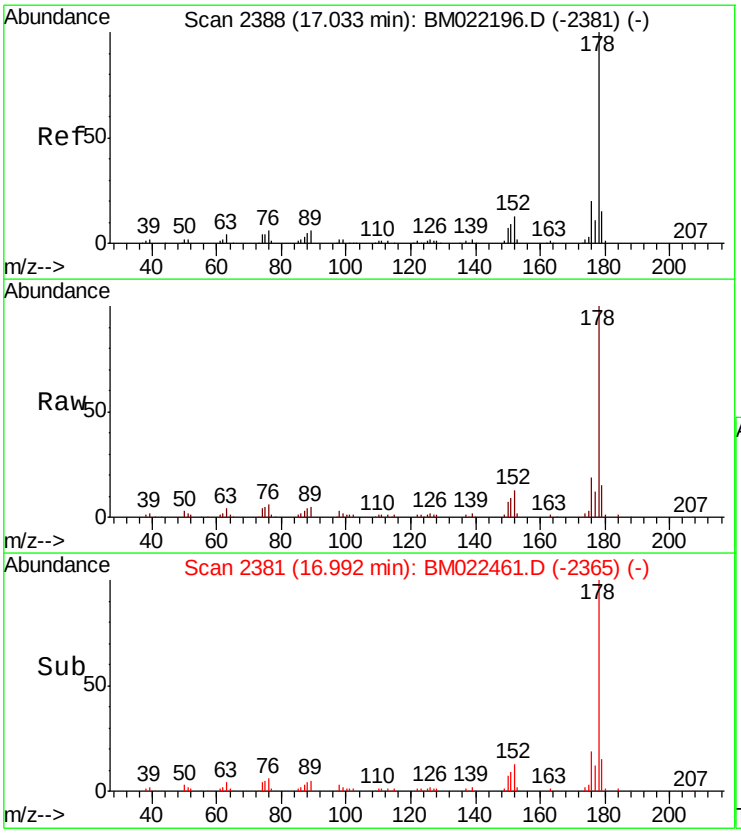
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 122152

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.4	6.6
80	7.3	5.0	7.6

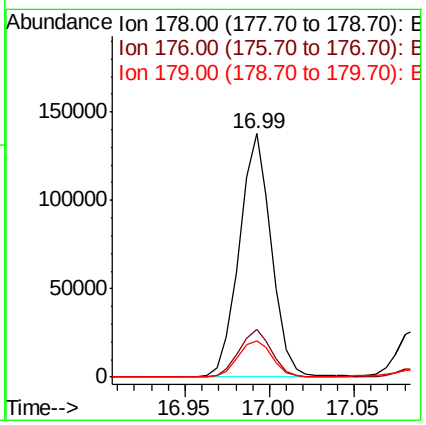


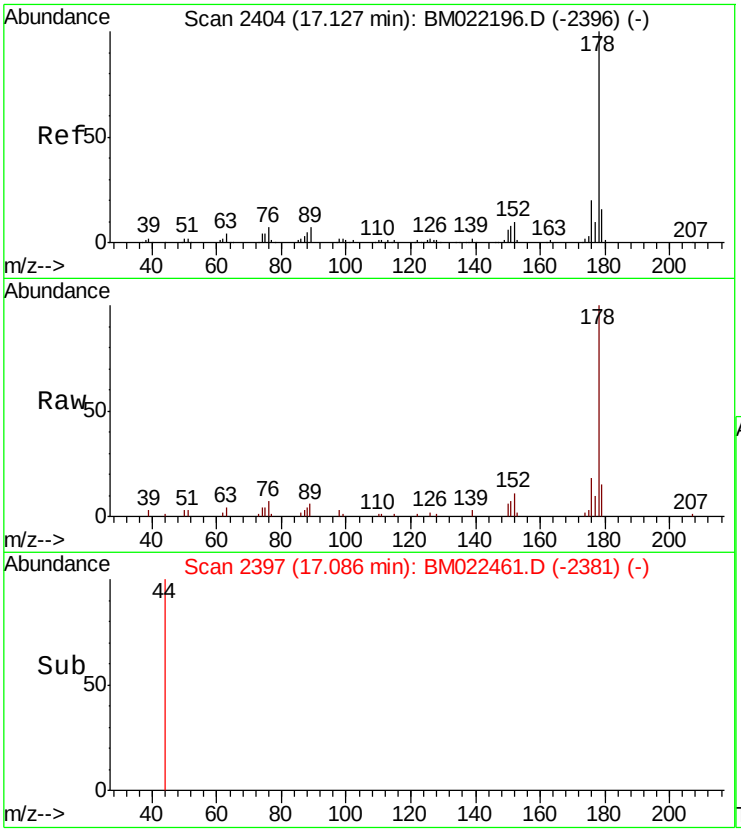


#71
Phenanthrene
Concen: 25.567 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:178 Resp: 182042

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.0	12.3	18.5



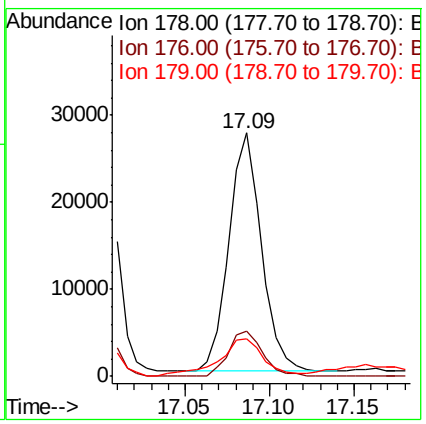


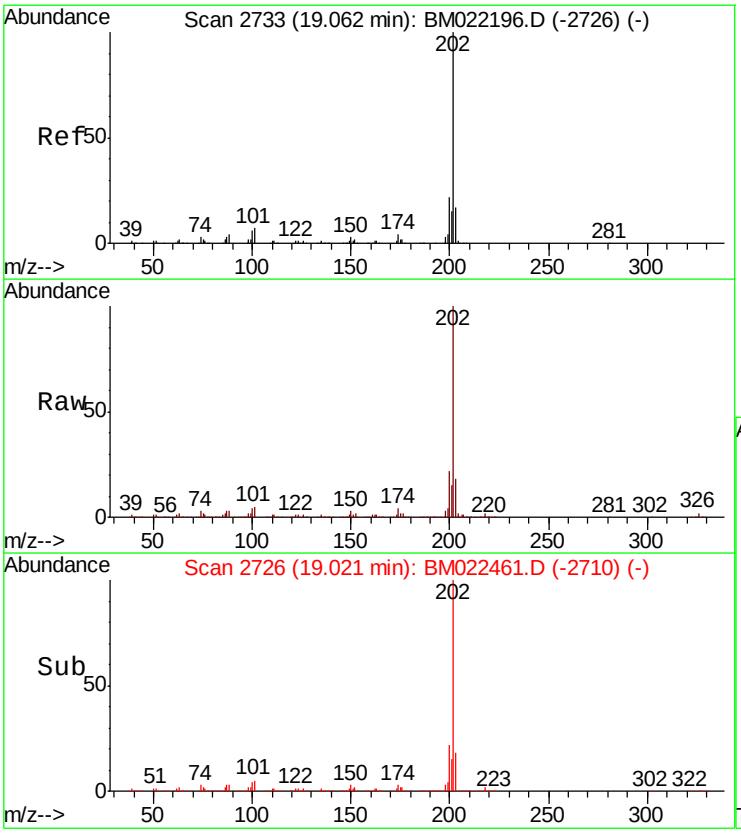
#72
Anthracene
Concen: 5.227 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 36619

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.2	11.8	17.6

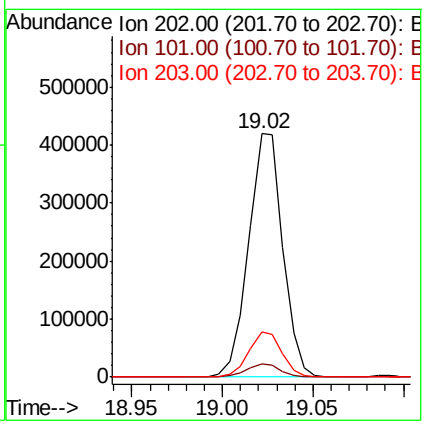


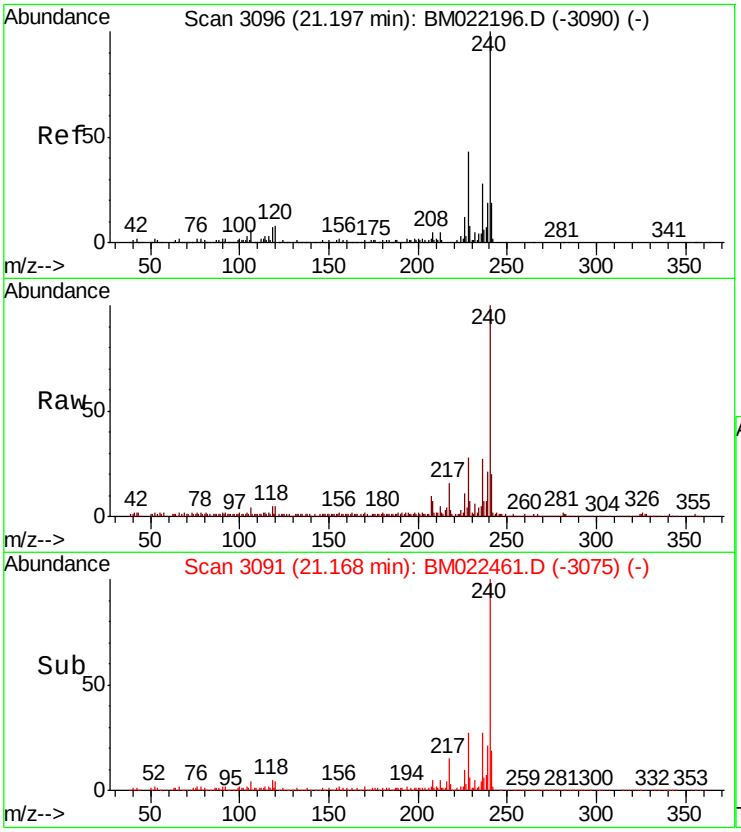


#75
Fluoranthene
Concen: 58.062 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:202 Resp: 550546

Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	25.1
203	18.3	0.0	37.1



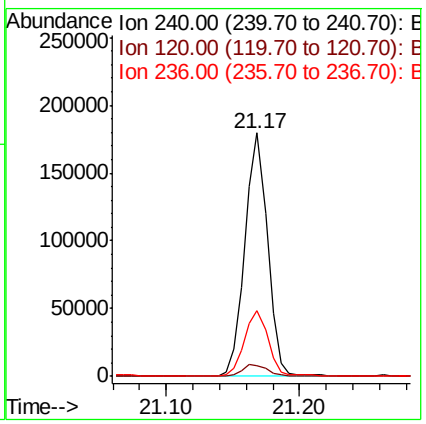


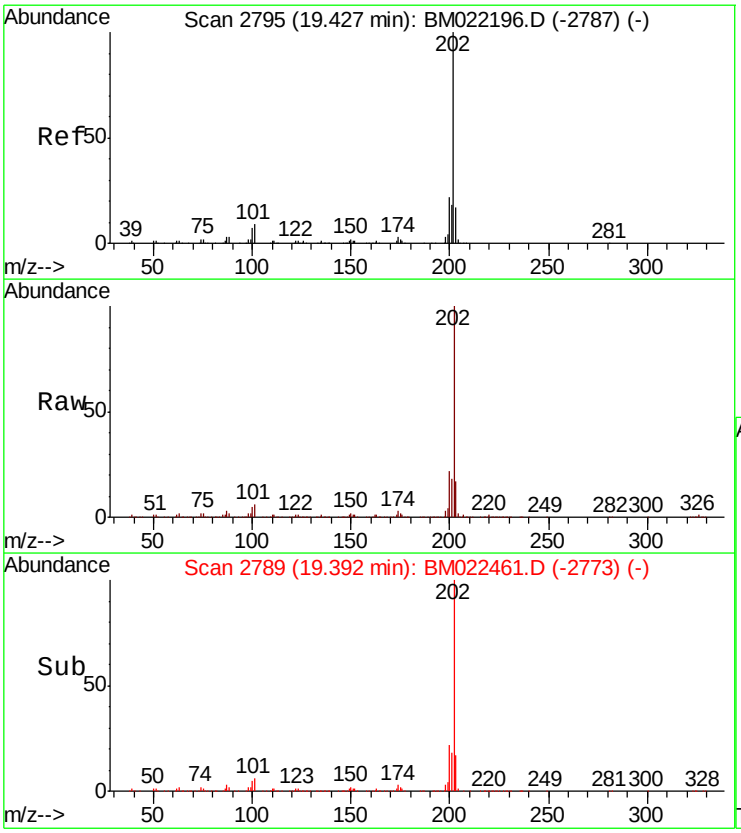
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 207865

Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.9	5.9
236	27.0	21.4	32.2

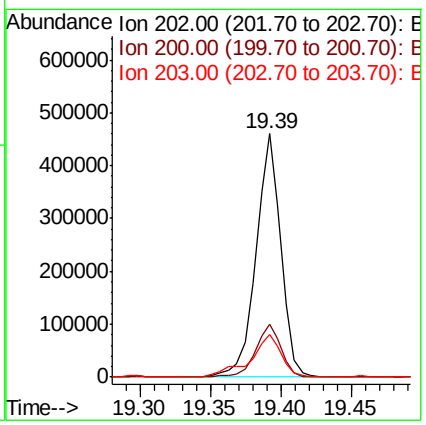


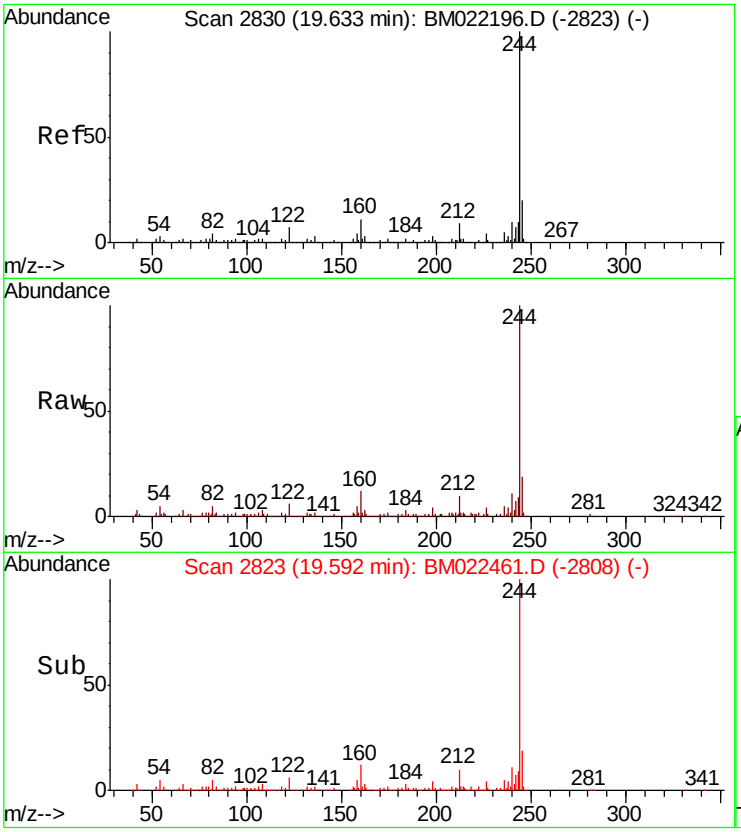


#78
Pyrene
Concen: 40.155 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:202 Resp: 568841

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.5	13.8	20.8



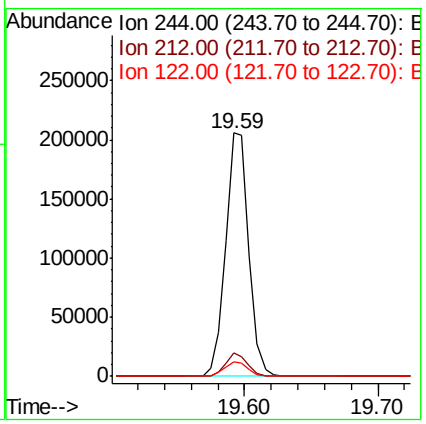


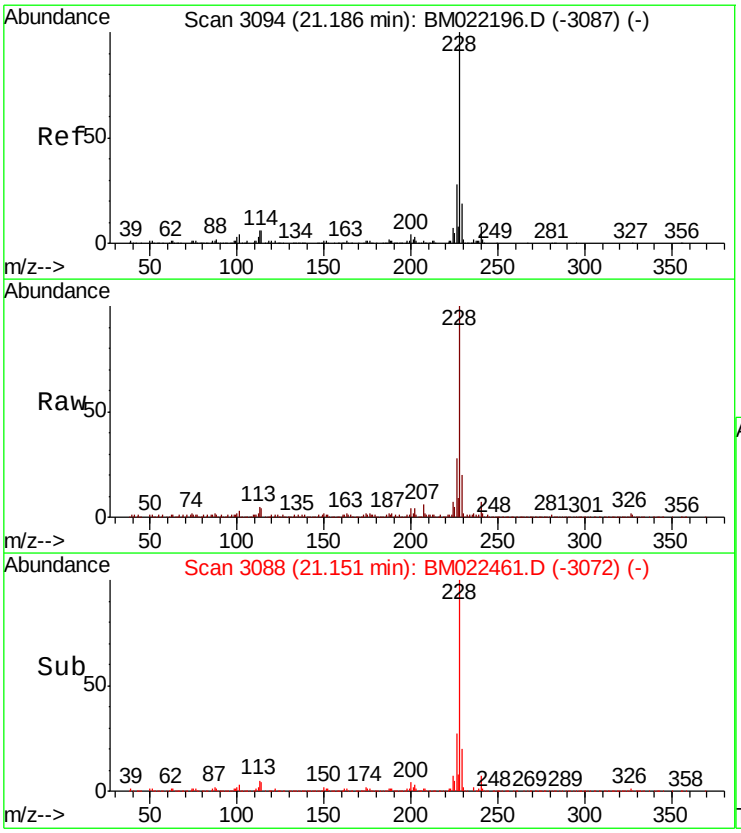
#79
Terphenyl-d14
Concen: 15.847 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 249601

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.4
122	6.1	3.9	5.9#

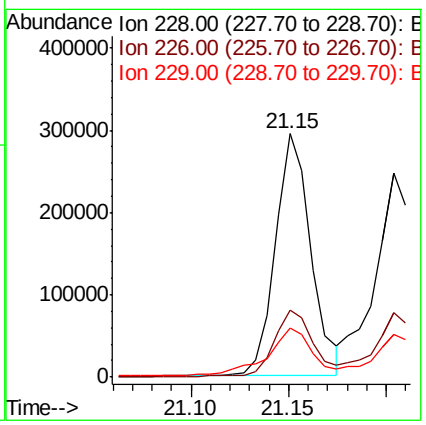


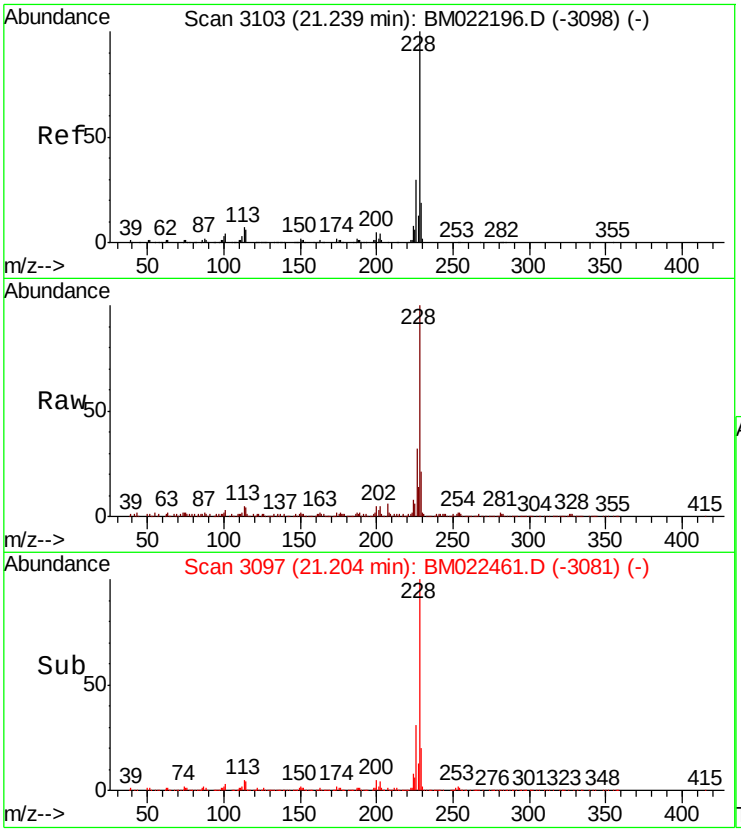


#81
Benzo(a)anthracene
Concen: 24.880 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:228 Resp: 371198

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	20.1	15.9	23.9



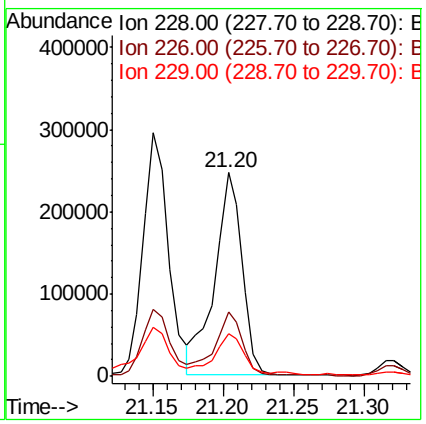


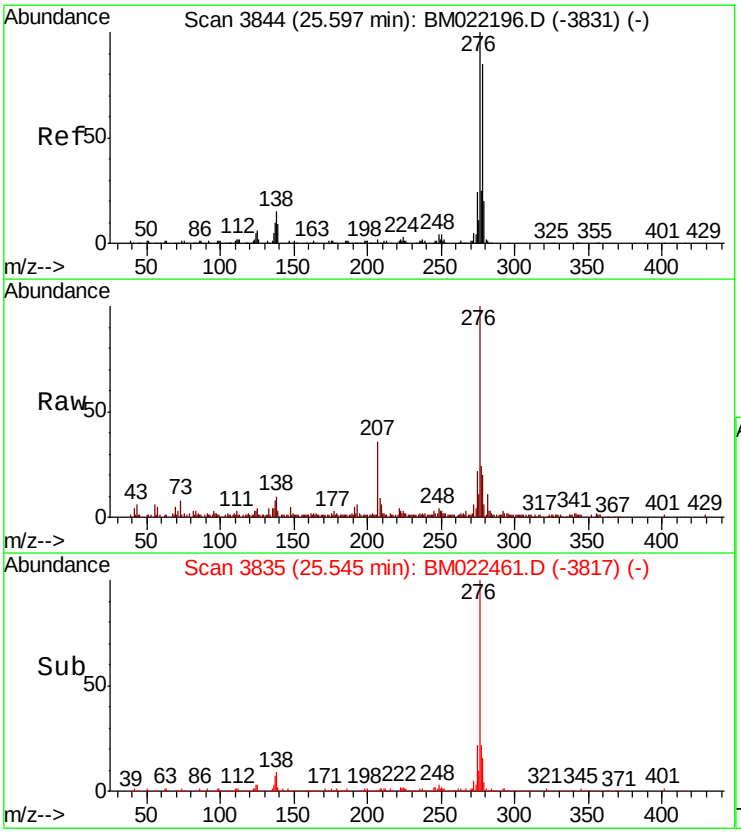
#83
Chrysene
Concen: 23.499 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 333714

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.5	36.7
229	21.1	15.7	23.5

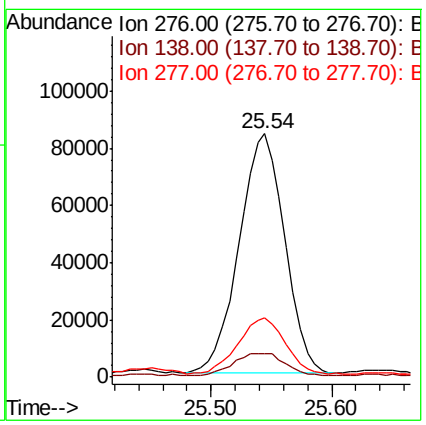


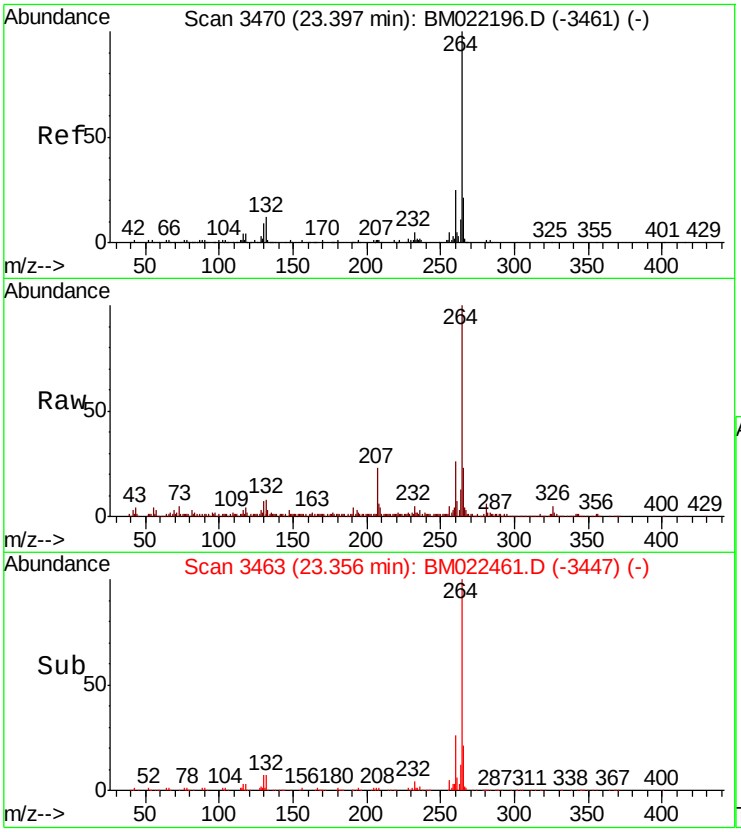


#86
Indeno(1,2,3-cd)pyrene
Concen: 15.385 ng
RT: 25.54 min Scan# 3835
Delta R.T. 0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:276 Resp: 219759

Ion	Ratio	Lower	Upper
276	100		
138	10.6	9.1	13.7
277	24.0	20.0	30.0



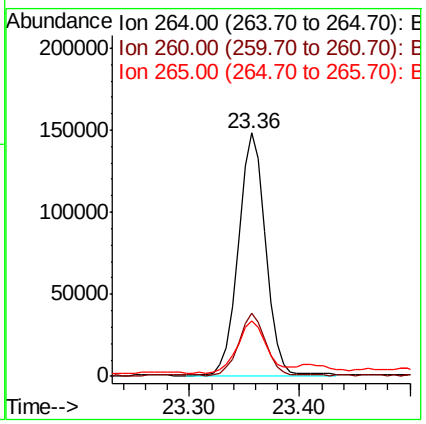


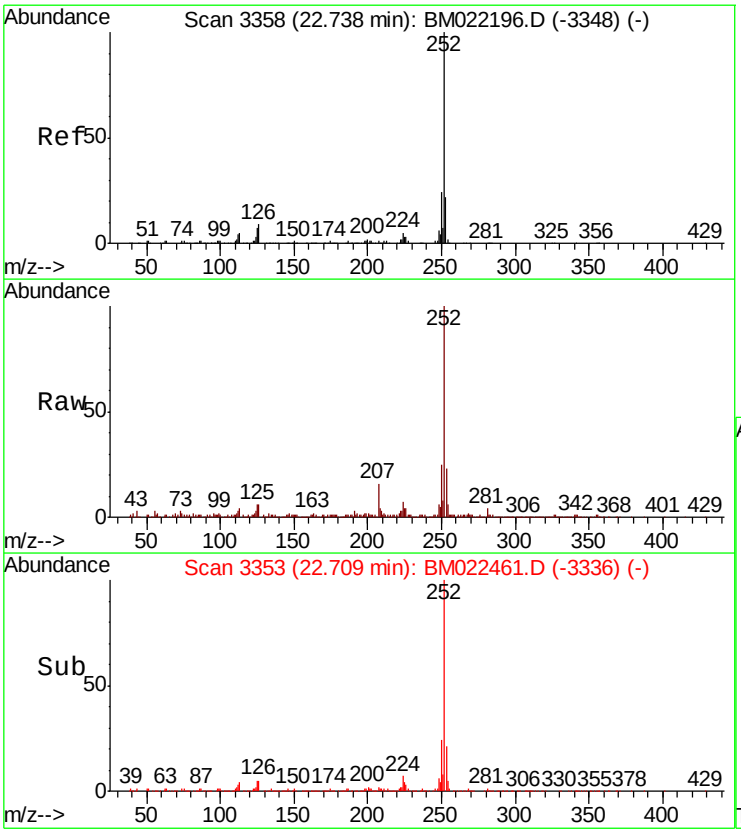
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 257433

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.2	30.2
265	22.8	18.2	27.2

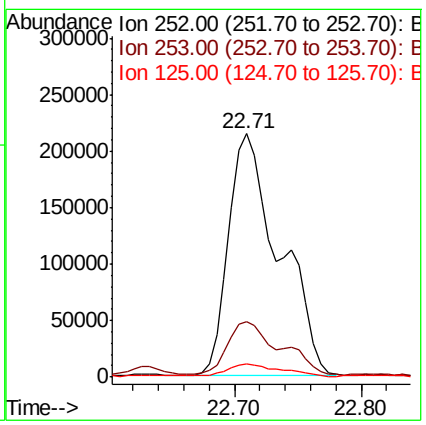


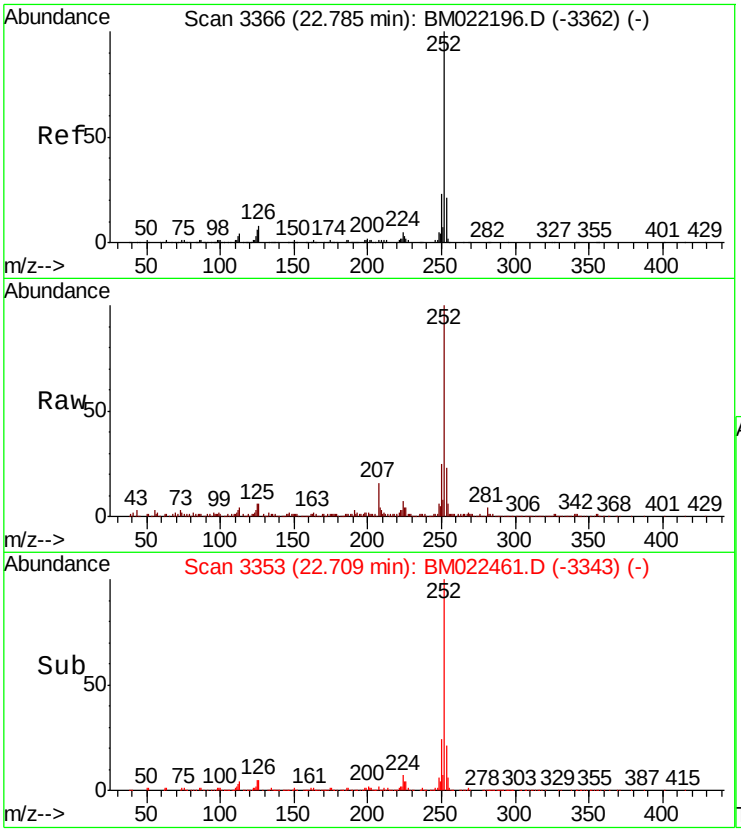


#88
Benzo(b)fluoranthene
Concen: 33.321 ng
RT: 22.71 min Scan# 3353
Delta R.T. 0.00 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:252 Resp: 595920

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	5.5	3.5	5.3#



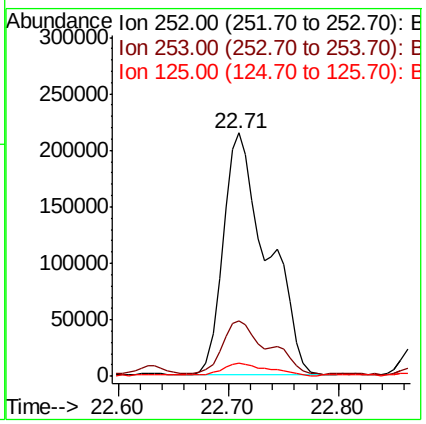


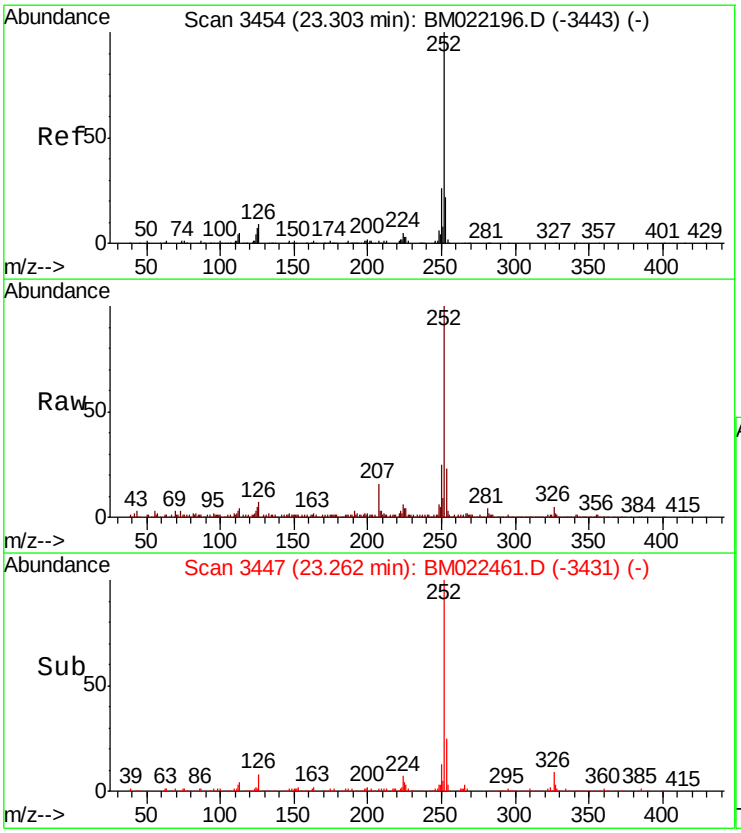
#89
Benzo(k)fluoranthene
Concen: 33.612 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 596331

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	5.5	3.7	5.5#

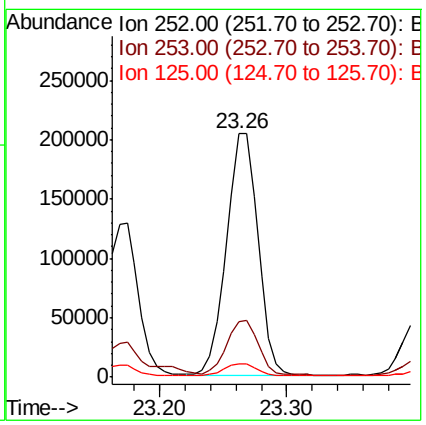


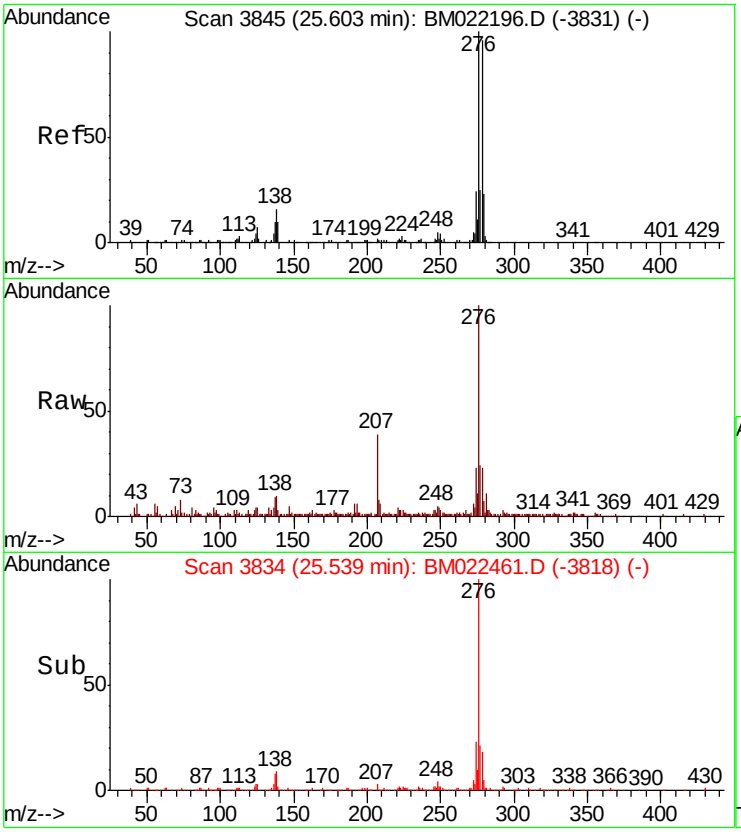


#90
Benzo(a)pyrene
Concen: 22.027 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:252 Resp: 349659

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	5.4	3.8	5.8



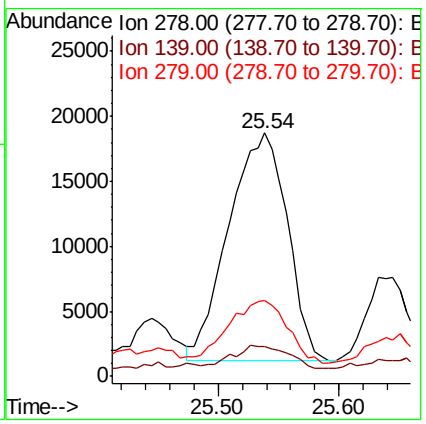


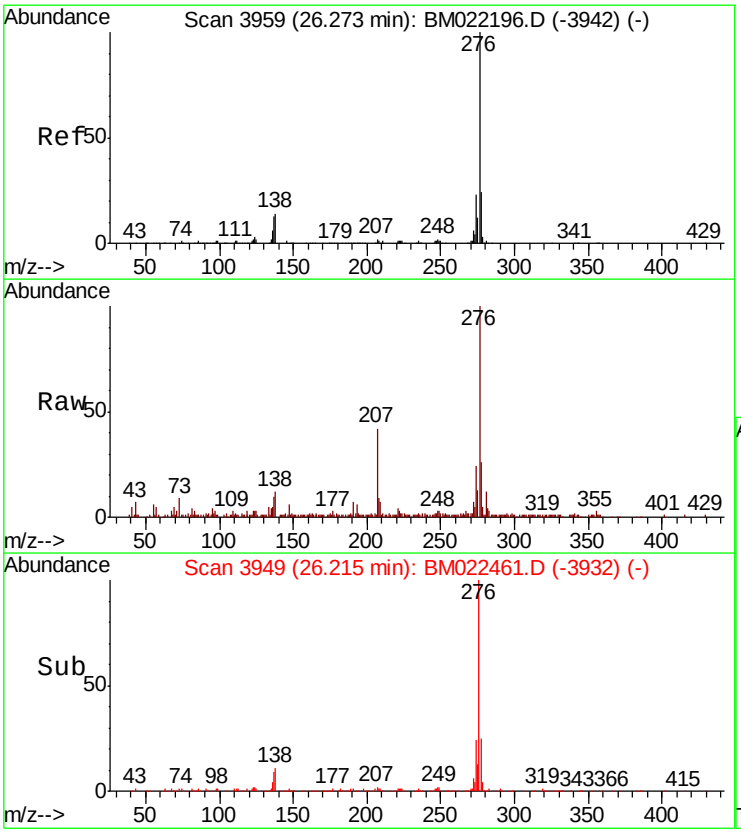
#91
Dibenzo(a,h)anthracene
Concen: 3.729 ng
RT: 25.54 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 59031

Ion	Ratio	Lower	Upper
278	100		
139	12.4	6.6	9.8#
279	31.2	19.3	28.9#





#92
Benzo(g,h,i)perylene
Concen: 15.828 ng
RT: 26.22 min Scan# 3949
Delta R.T. 0.00 min
Lab File: BM022461.D
Acq: 31 Aug 2019 03:26

Tgt Ion:276 Resp: 218357

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.0
138	11.7	8.8	13.2