Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024706.D
Acq On : 03 Feb 2020 19:24
Operator : CG/JU
Sample : L1347-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 04 03:00:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	282912	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	1056058	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	679621	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1423169	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1369215	20.00	ng	-0.02
87) Perylene-d12	23.15	264	1621294	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1550245	104.21	ng	-0.01
7) Phenol-d6	6.63	99	1937032	94.52	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1232547	57.24	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	1089191	98.52	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2785871	55.73	ng	-0.02
79) Terphenyl-d14	19.49	244	4115632	56.12	ng	-0.02
Target Compounds						Qvalue
49) Acenaphthylene	13.79	152	167724	2.698	ng	98
71) Phenanthrene	16.87	178	790119	10.252	ng	99
72) Anthracene	16.96	178	252242	3.345	ng	97
75) Fluoranthene	18.90	202	2117599	22.015	ng	99
78) Pyrene	19.26	202	1968528	21.809	ng	99
81) Benzo(a)anthracene	21.07	228	982432	10.338	ng	93
83) Chrysene	21.07	228	1040307	11.472	ng	96
86) Indeno(1,2,3-cd)pyrene	25.21	276	671130	6.790	ng	96
88) Benzo(b)fluoranthene	22.53	252	1828060	17.385	ng	96
89) Benzo(k)fluoranthene	22.53	252	1829637	17.826	ng	95
90) Benzo(a)pyrene	23.06	252	1011582	10.581	ng	96
92) Benzo(g,h,i)perylene	25.84	276	669462	8.125	ng	97

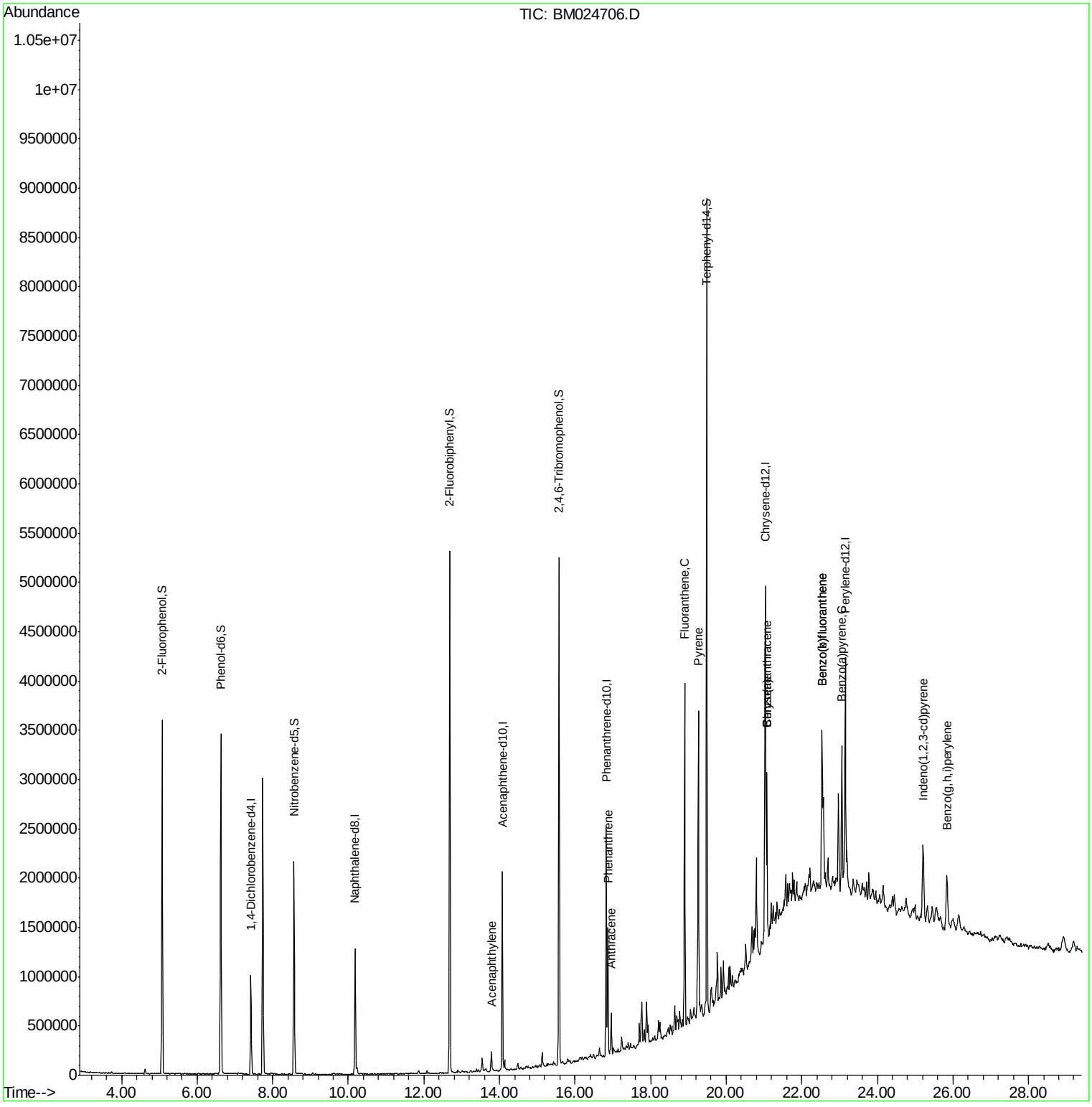
(#) = qualifier out of range (m) = manual integration (+) = signals summed

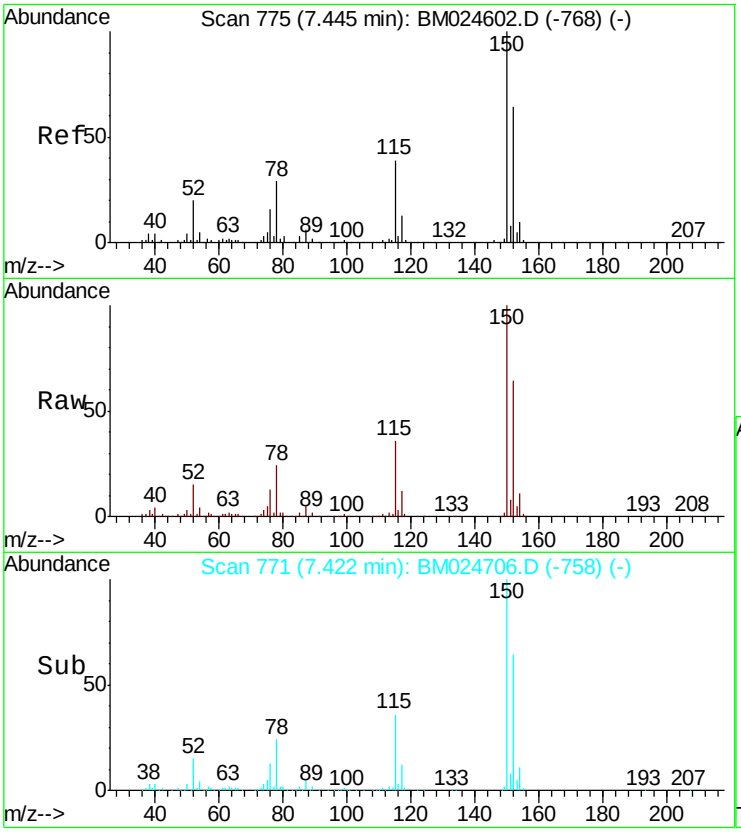
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024706.D
Acq On : 03 Feb 2020 19:24
Operator : CG/JU
Sample : L1347-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 04 03:00:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration



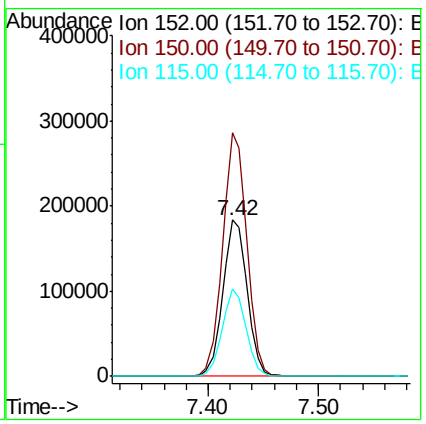


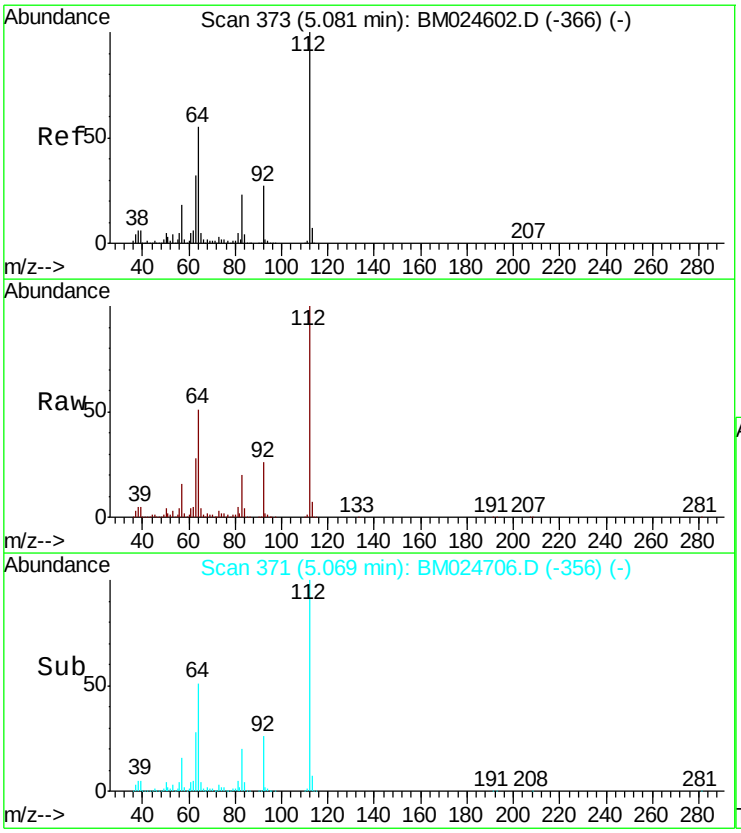
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 282912

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.4
115	55.9	48.6	72.8

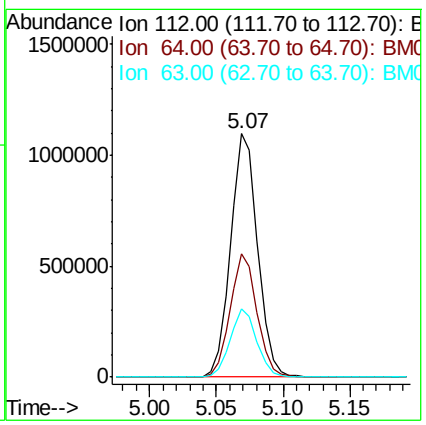


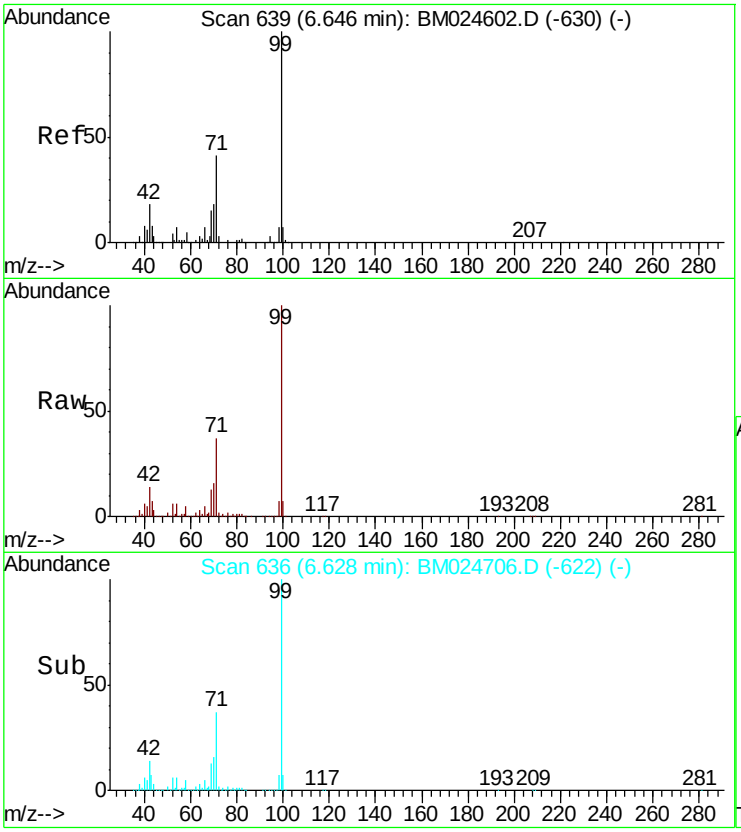


#5
2-Fluorophenol
Concen: 104.209 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:112 Resp: 1550245

Ion	Ratio	Lower	Upper
112	100		
64	50.8	44.2	66.4
63	28.0	25.9	38.9



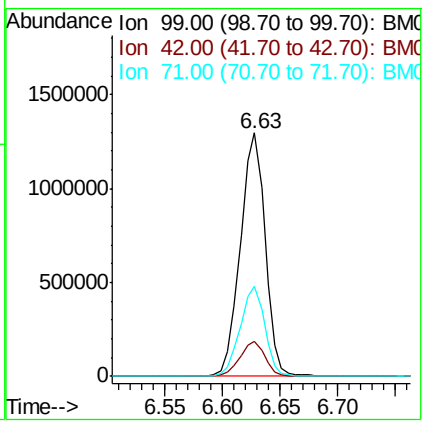


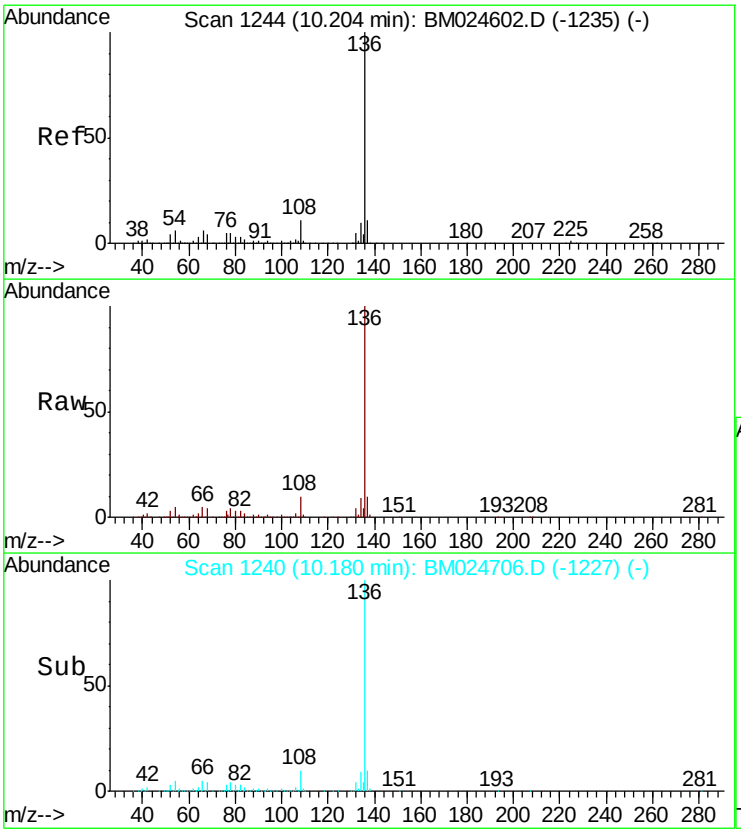
#7
Phenol-d6
Concen: 94.521 ng
RT: 6.63 min Scan# 636
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1937032

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	37.2	33.0	49.6

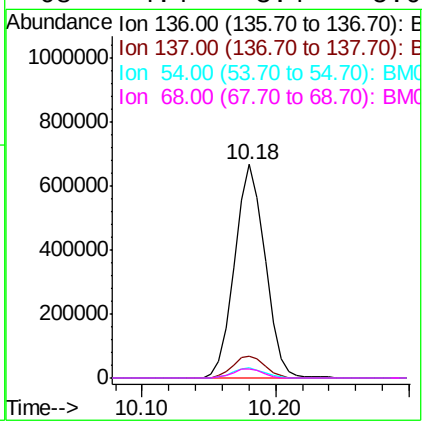


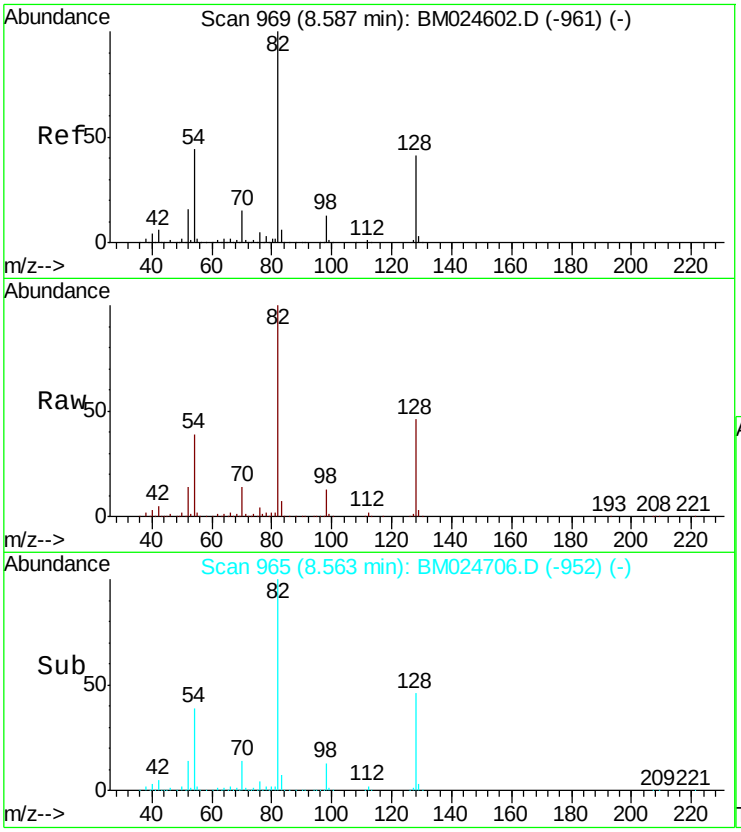


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:136 Resp: 1056058

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	5.0	4.5	6.7
68	4.4	3.4	5.0



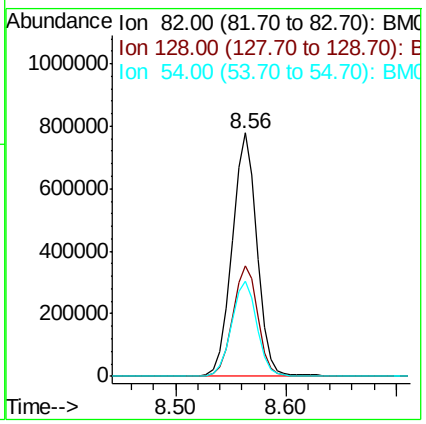


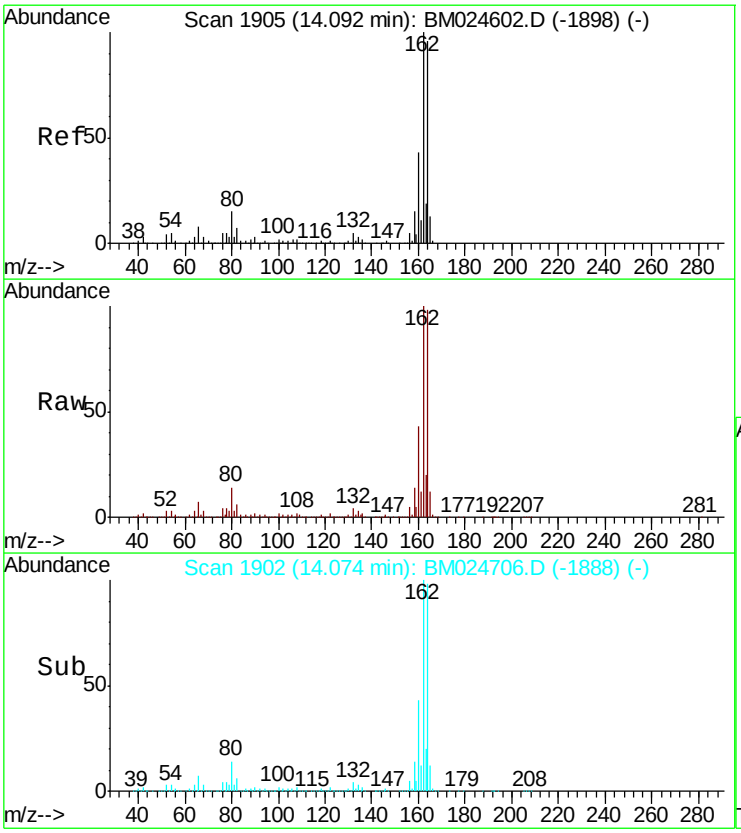
#23
Nitrobenzene-d5
Concen: 57.237 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1232547

Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.6	48.8
54	39.1	34.8	52.2

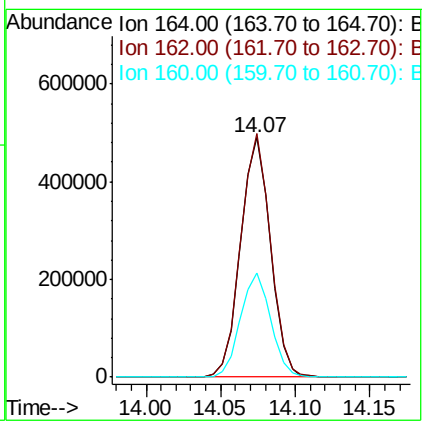


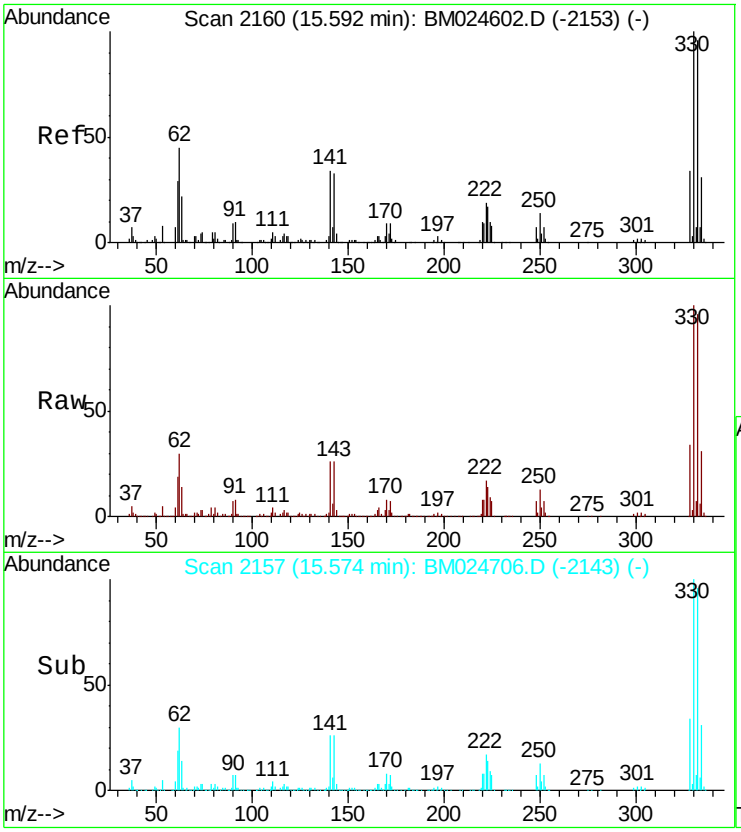


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:164 Resp: 679621

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.9	124.3
160	43.4	35.5	53.3



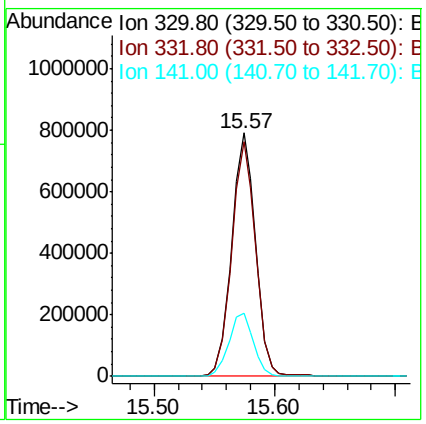


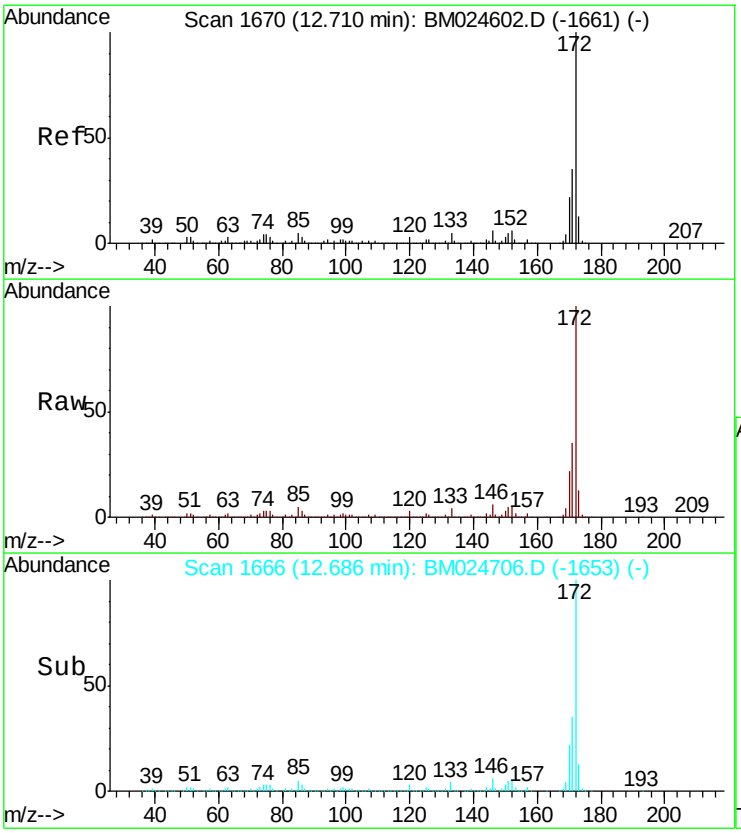
#42
2,4,6-Tribromophenol
Concen: 98.524 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 1089191

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	26.8	26.9	40.3#

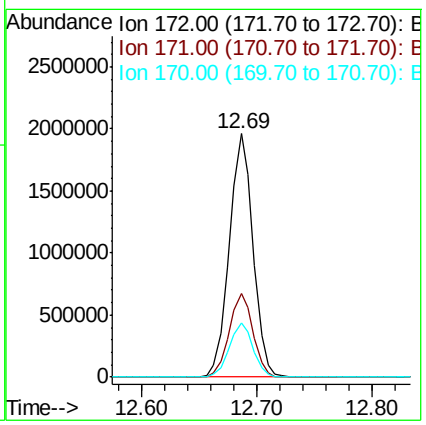


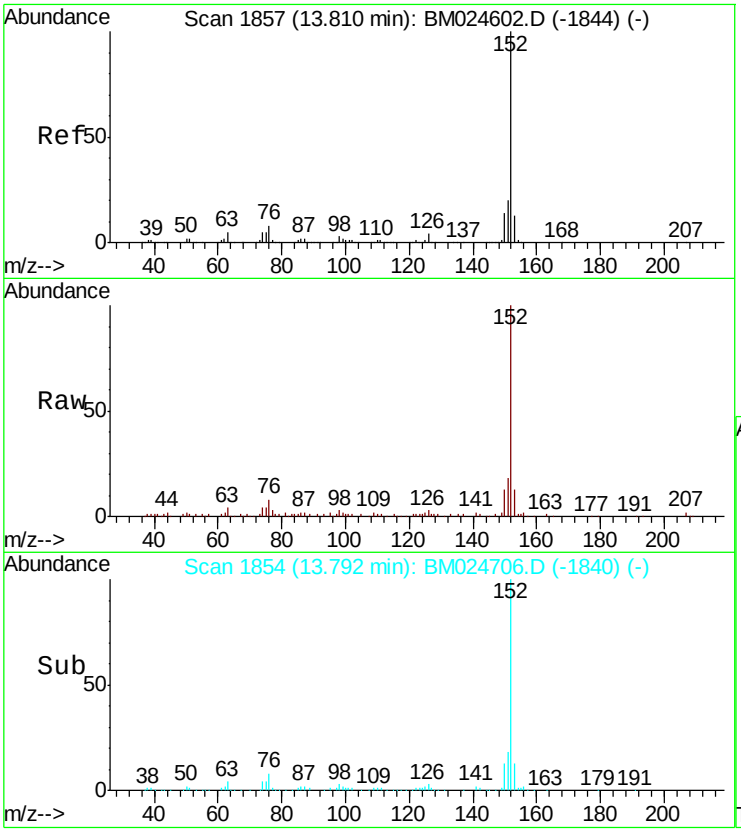


#45
2-Fluorobiphenyl
Concen: 55.728 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:172 Resp: 2785871

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.3	17.9	26.9



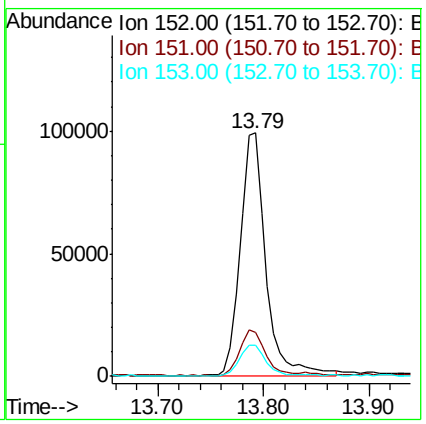


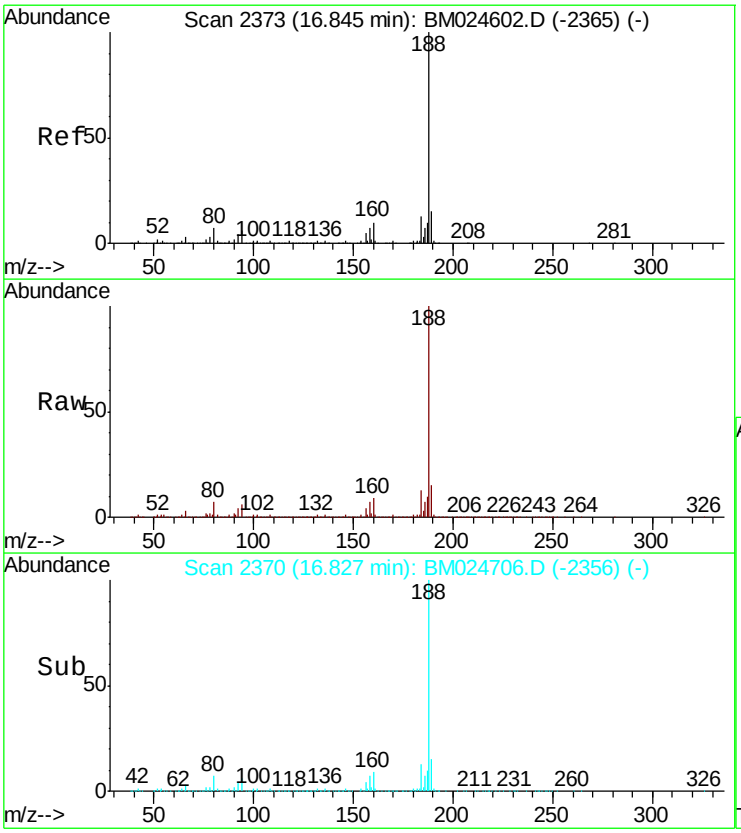
#49
Acenaphthylene
Concen: 2.698 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 167724

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.8	23.6
153	13.0	10.4	15.6

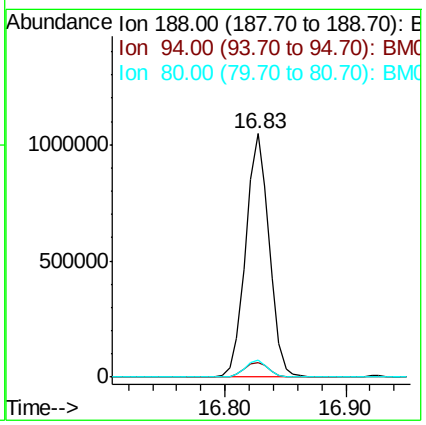


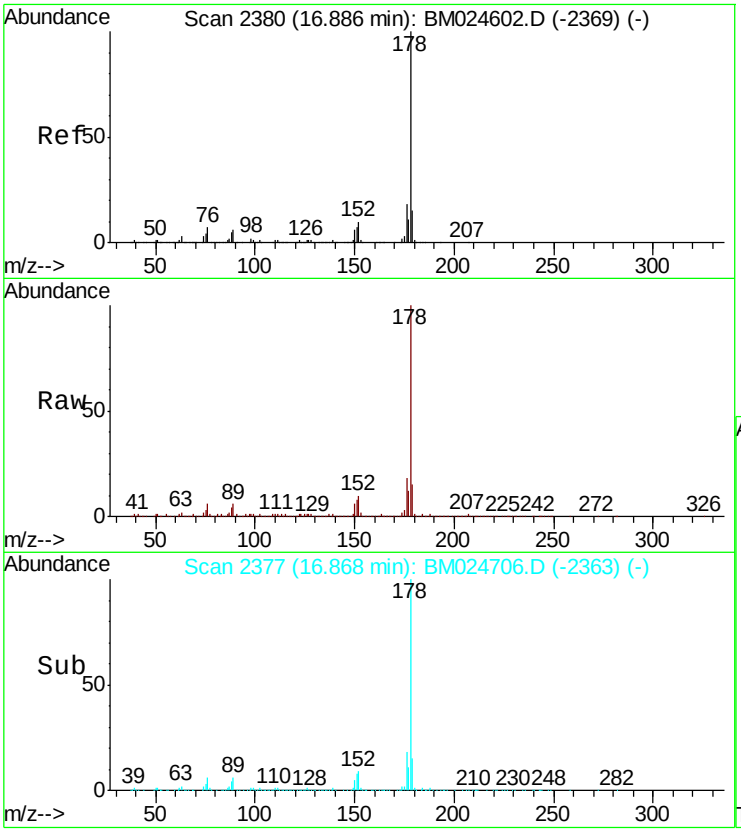


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:188 Resp: 1423169

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.6
80	6.9	5.8	8.8



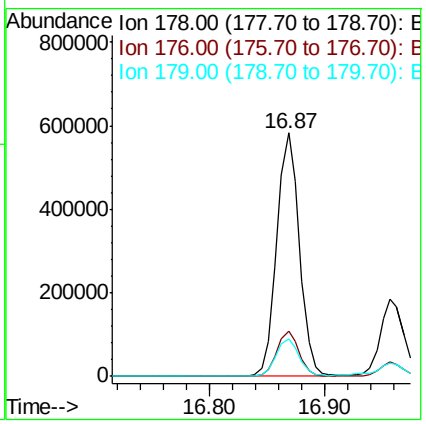


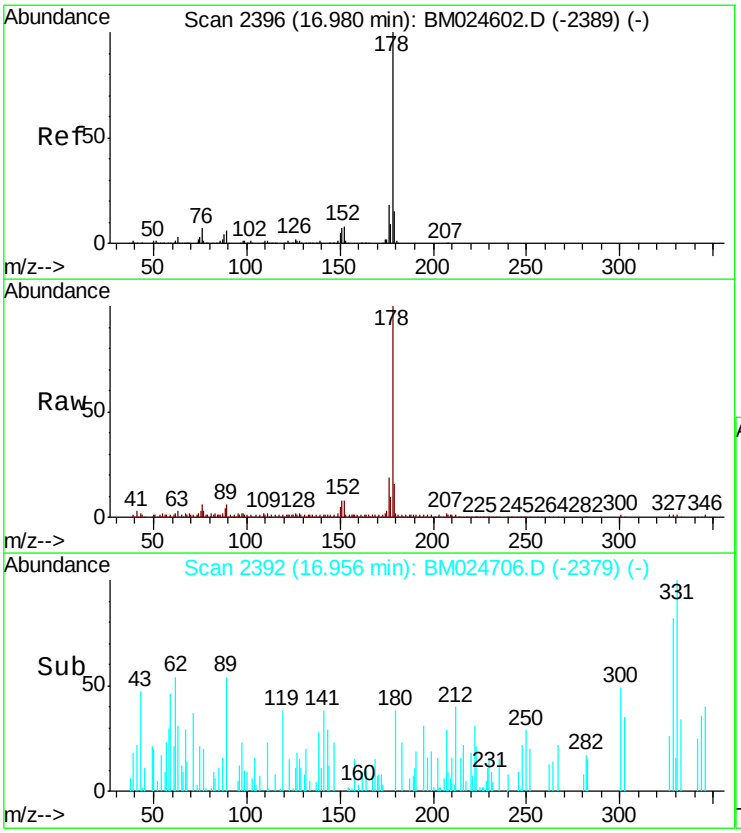
#71
Phenanthrene
Concen: 10.252 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 790119

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.5	11.9	17.9

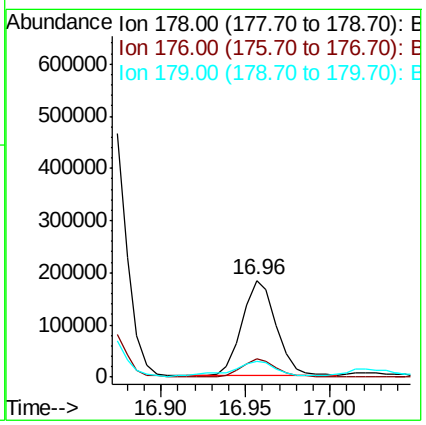


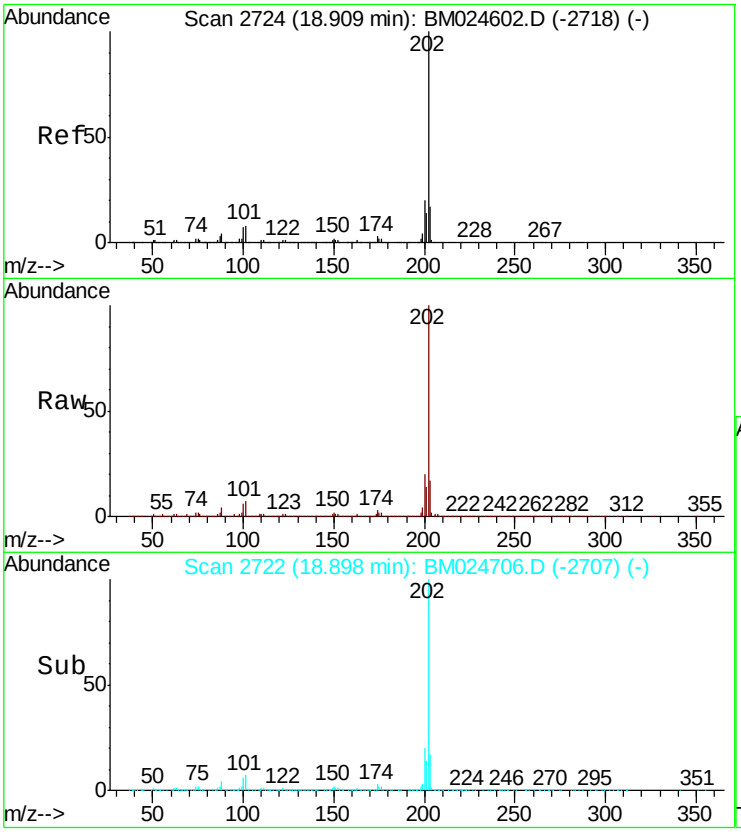


#72
Anthracene
Concen: 3.345 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:178 Resp: 252242

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.3	21.5
179	16.5	12.1	18.1



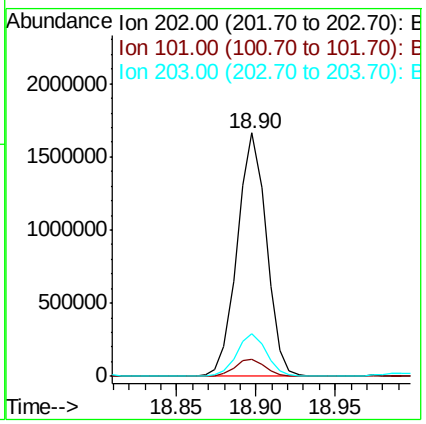


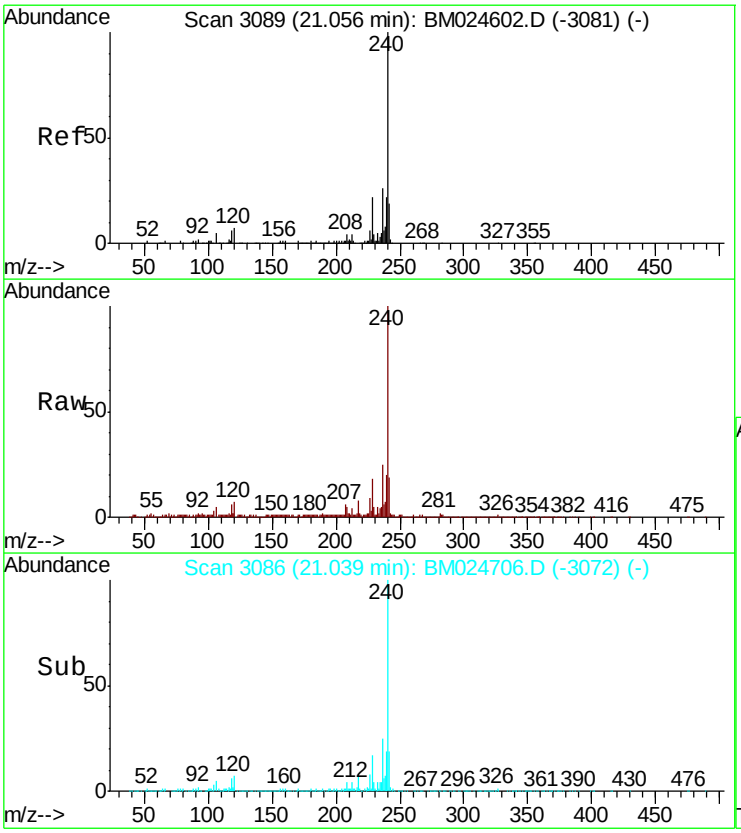
#75
Fluoranthene
Concen: 22.015 ng
RT: 18.90 min Scan# 2722
Delta R.T. -0.01 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2117599

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.4
203	17.5	0.0	37.5

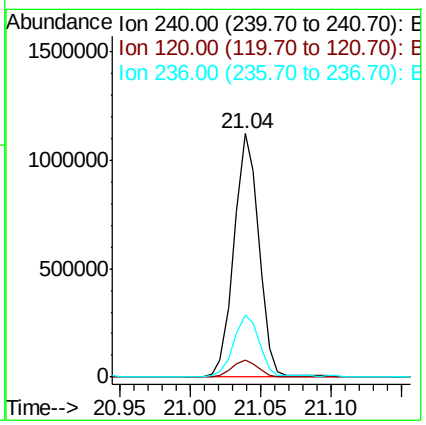


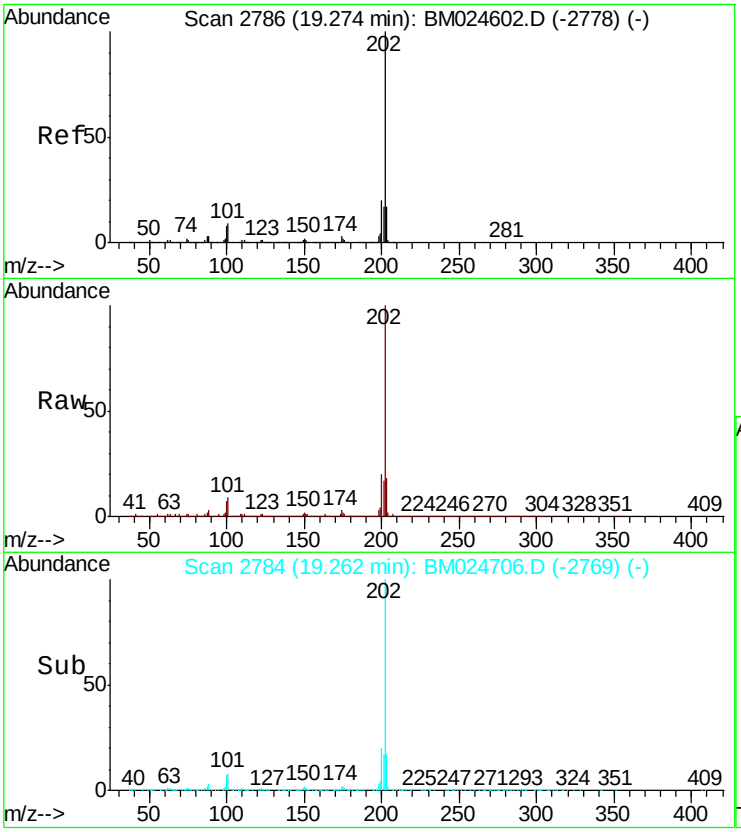


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:240 Resp: 1369215

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	25.4	20.6	31.0



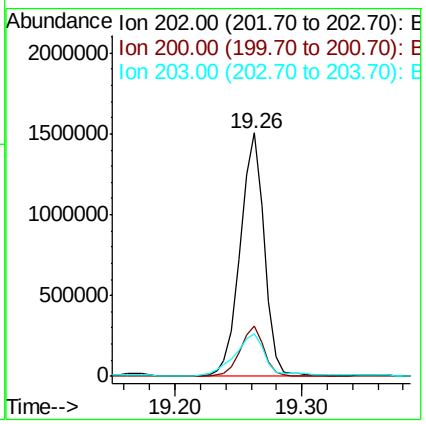


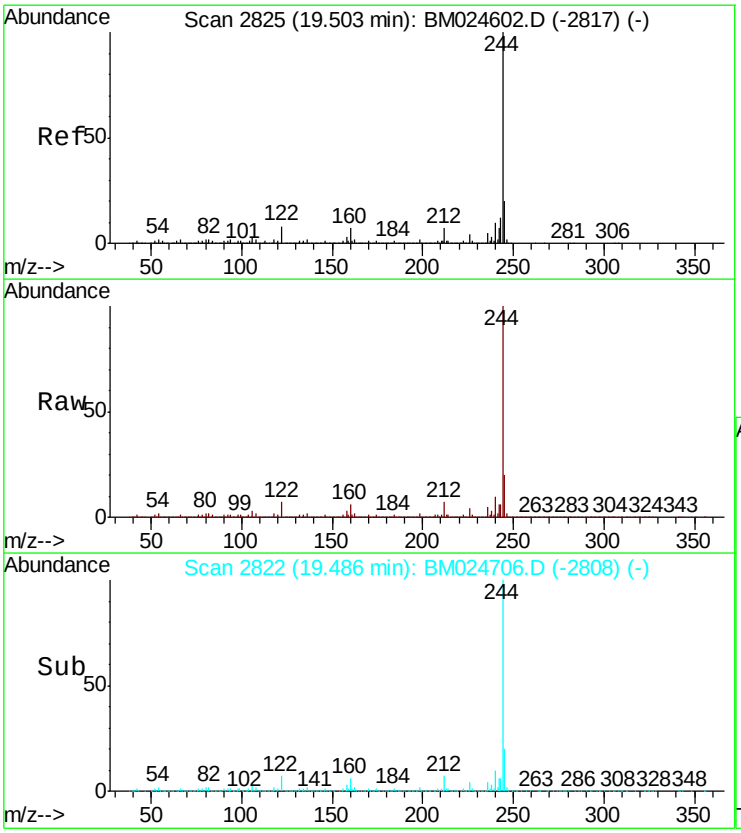
#78
Pyrene
Concen: 21.809 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1968528

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.7	14.0	21.0

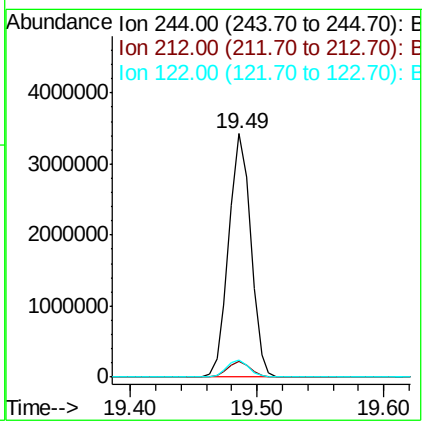


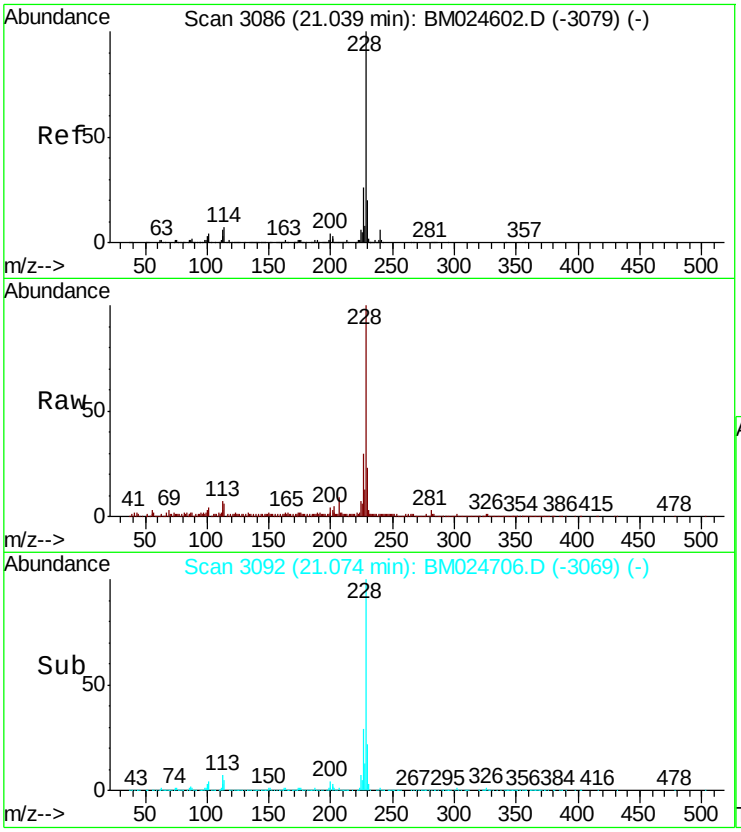


#79
Terphenyl-d14
Concen: 56.116 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:244 Resp: 4115632

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	7.0	6.2	9.4



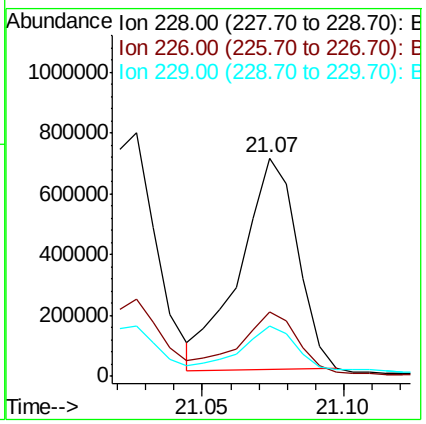


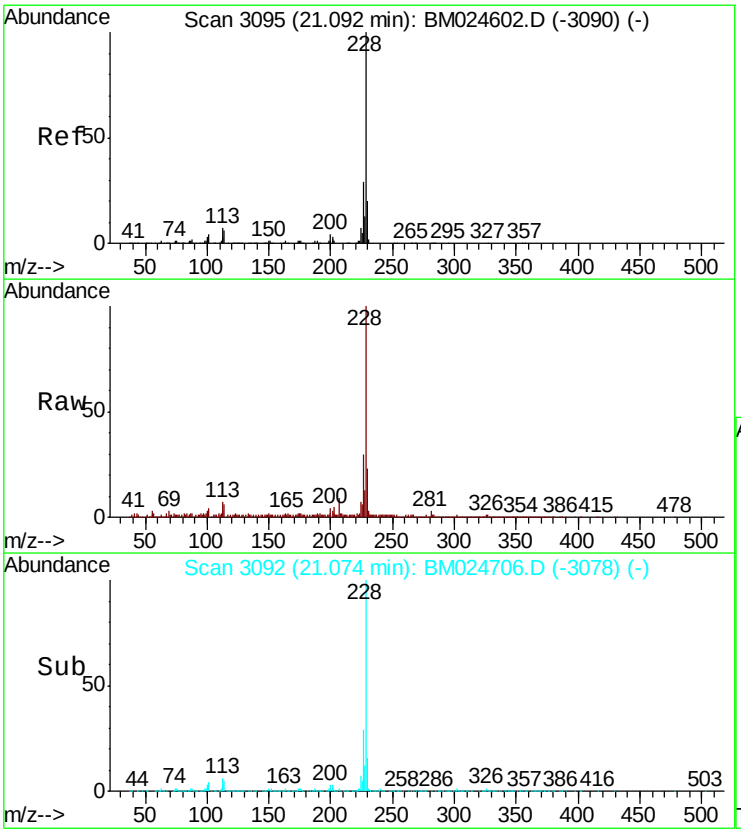
#81
Benzo(a)anthracene
Concen: 10.338 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.04 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 982432

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.1	31.7
229	22.9	15.8	23.6

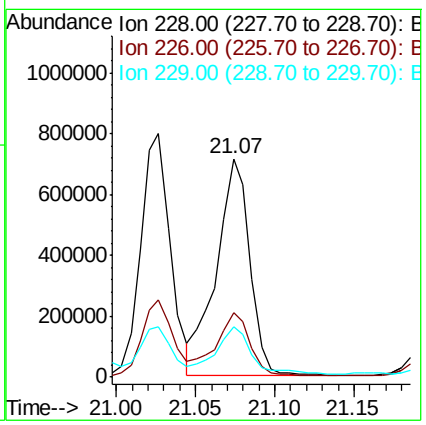


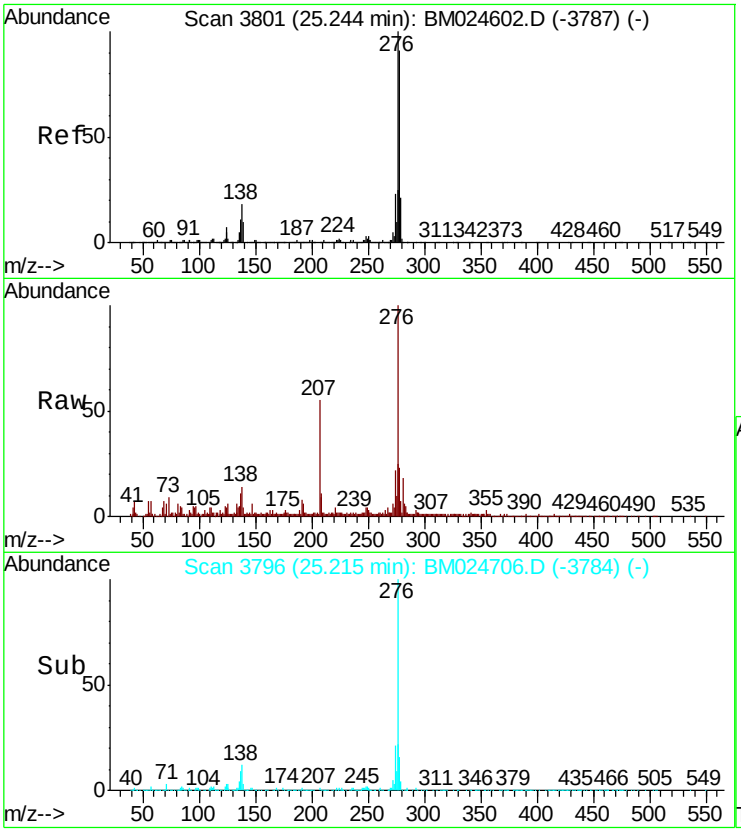


#83
Chrysene
Concen: 11.472 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:228 Resp: 1040307

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	22.9	15.7	23.5



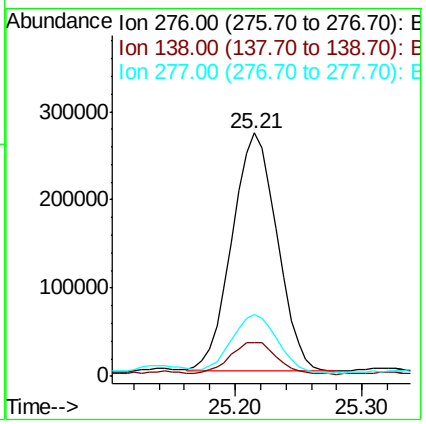


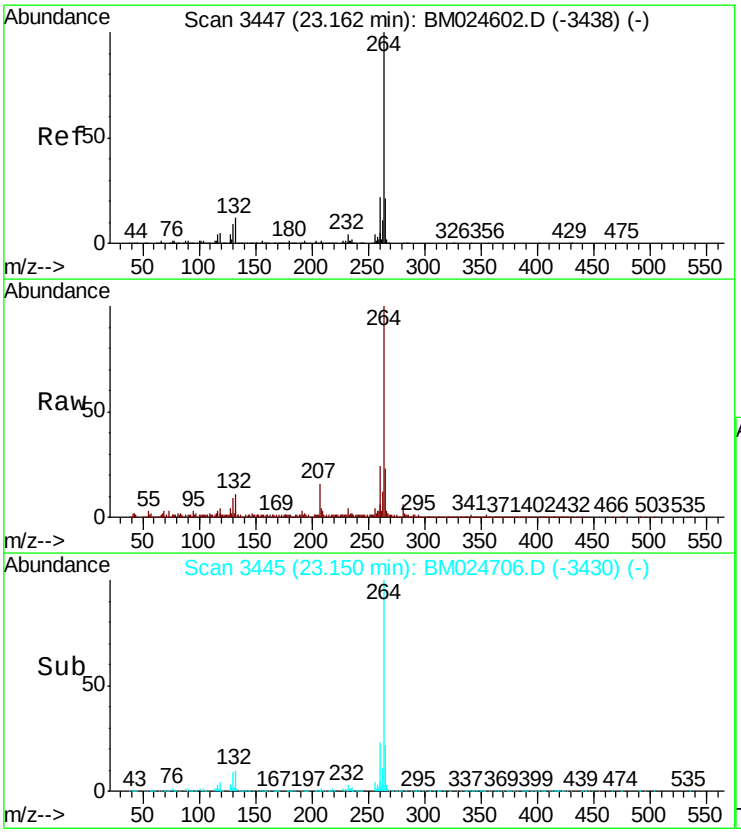
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.790 ng
RT: 25.21 min Scan# 3796
Delta R.T. -0.03 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 671130

Ion	Ratio	Lower	Upper
276	100		
138	13.7	13.4	20.0
277	25.4	19.6	29.4

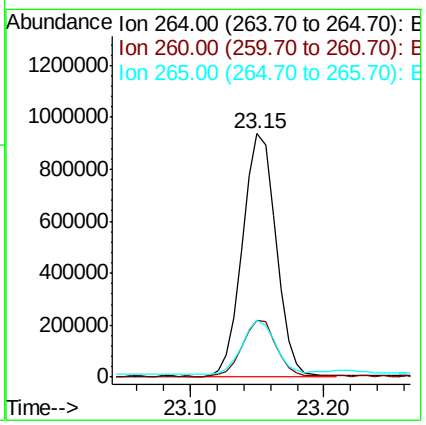


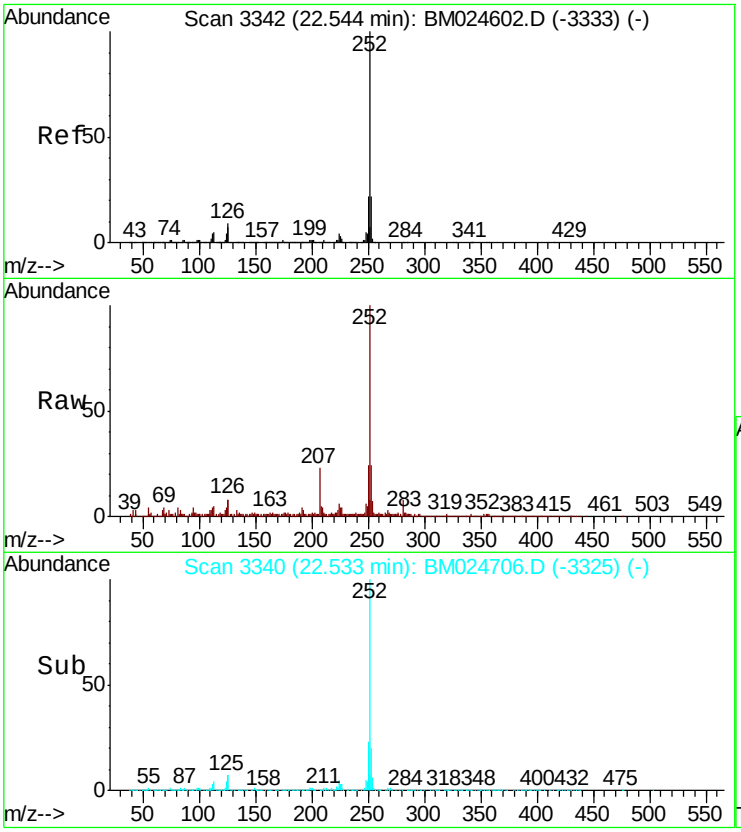


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:264 Resp: 1621294

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	23.2	17.3	25.9



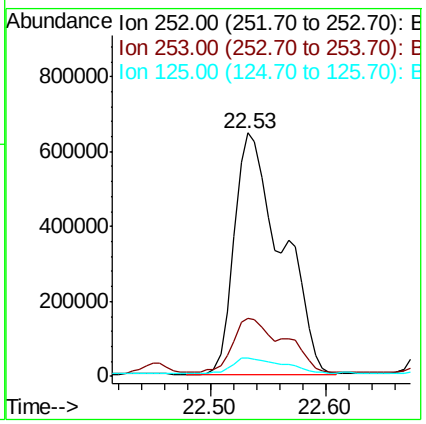


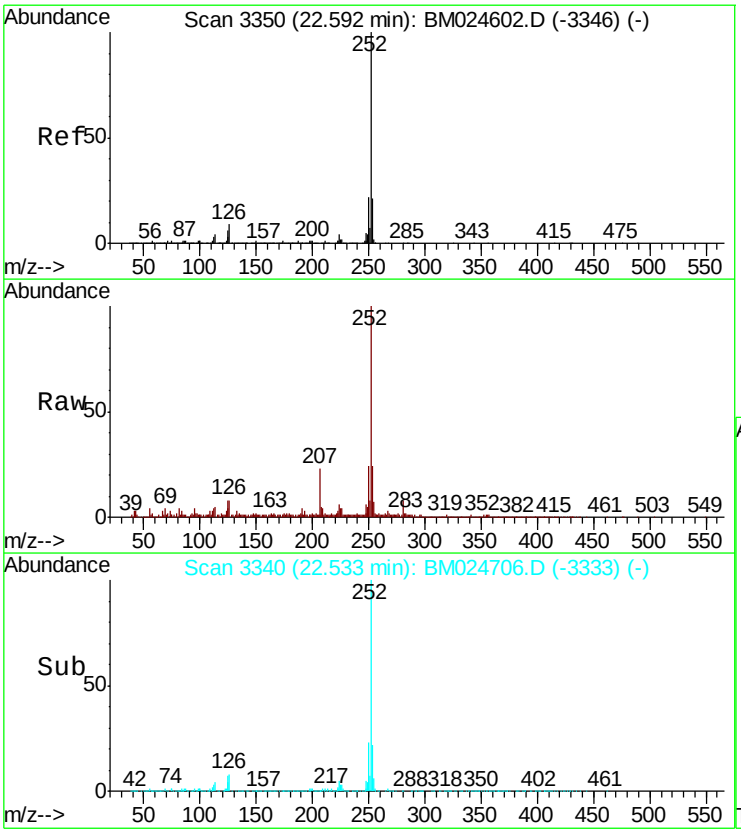
#88
Benzo(b)fluoranthene
Concen: 17.385 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1828060

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	7.8	5.7	8.5

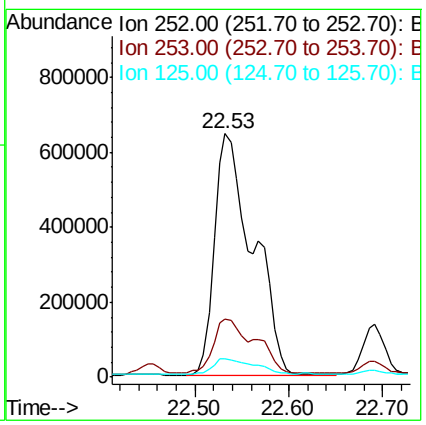


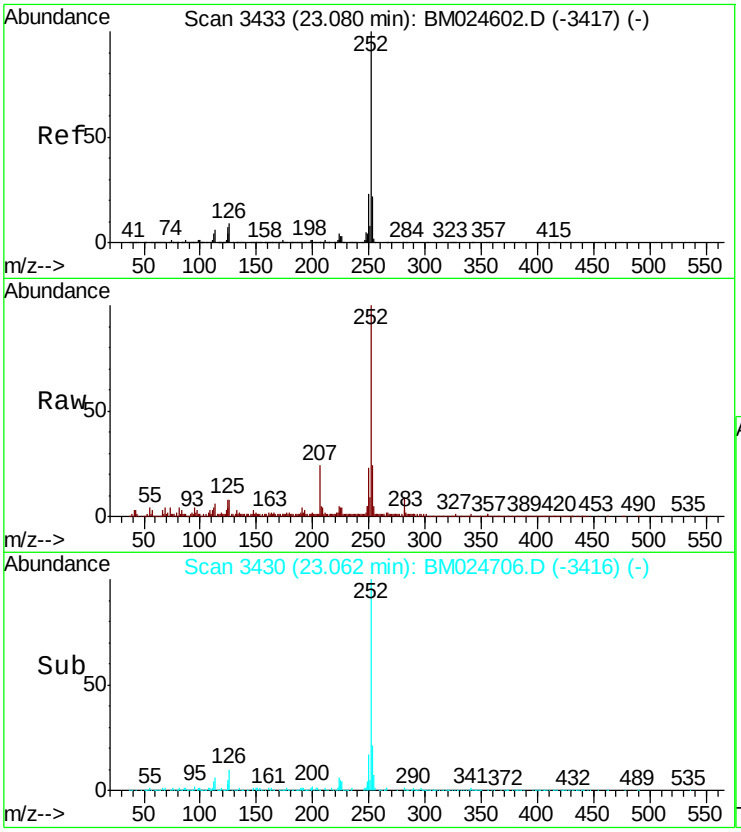


#89
Benzo(k)fluoranthene
Concen: 17.826 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.06 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:252 Resp: 1829637

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	7.8	5.2	7.8



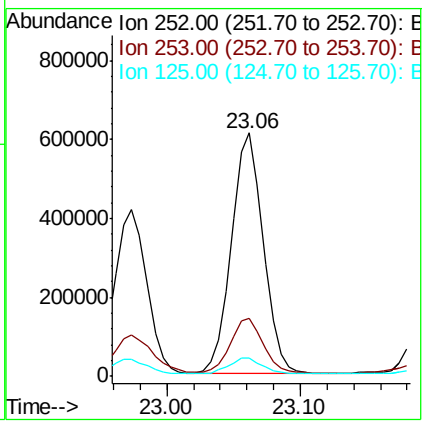


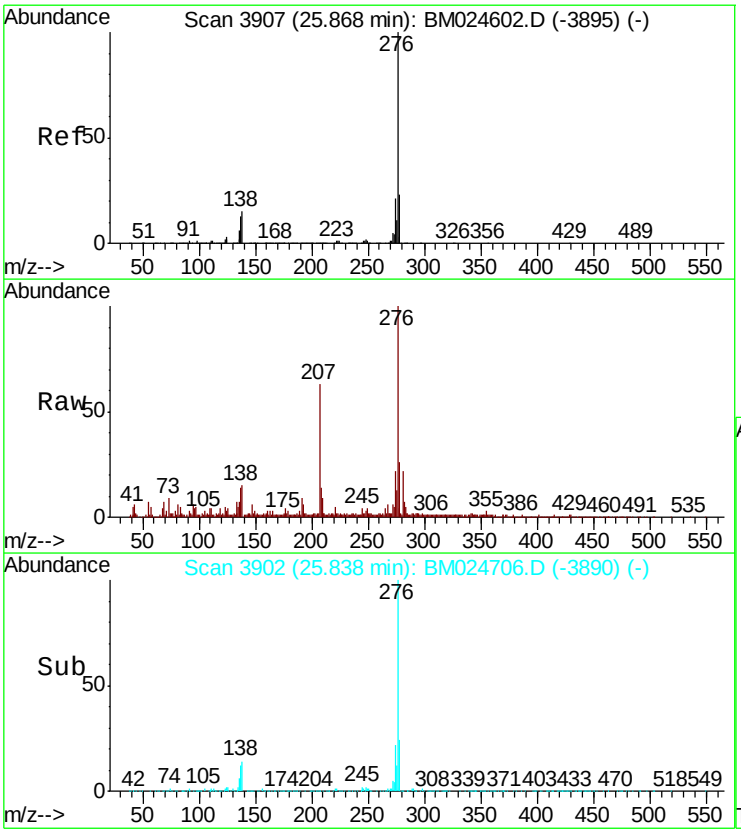
#90
Benzo(a)pyrene
Concen: 10.581 ng
RT: 23.06 min Scan# 3430
Delta R.T. -0.02 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1011582

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	7.8	5.8	8.8





#92
Benzo(g,h,i)perylene
Concen: 8.125 ng
RT: 25.84 min Scan# 3902
Delta R.T. -0.03 min
Lab File: BM024706.D
Acq: 03 Feb 2020 19:24

Tgt Ion:276 Resp: 669462

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	14.7	11.9	17.9