Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024653.D
Acq On : 29 Jan 2020 16:53
Operator : CG/JU
Sample : L1278-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 30 02:55:59 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	7.44	152	401264	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1471635	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	856002	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1497500	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1233808	20.00	ng		0.00
87) Perylene-d12	23.16	264	1505266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2264742	107.34	ng		0.00
7) Phenol-d6	6.65	99	2831352	97.41	ng		0.00
23) Nitrobenzene-d5	8.58	82	1822036	60.72	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	1224882	87.97	ng		0.00
45) 2-Fluorobiphenyl	12.70	172	4622562	73.42	ng		0.00
79) Terphenyl-d14	19.50	244	4901647	74.17	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.67	94	144158	4.975	ng		98
50) Dimethylphthalate	13.56	163	601052	8.683	ng		100
71) Phenanthrene	16.88	178	410565	5.063	ng		98
75) Fluoranthene	18.91	202	706829	6.984	ng		98
78) Pyrene	19.27	202	670841	8.248	ng		99
81) Benzo(a)anthracene	21.03	228	379054	4.426	ng		96
83) Chrysene	21.09	228	366972	4.491	ng		97
86) Indeno(1,2,3-cd)pyrene	25.23	276	210848	2.367	ng		97
88) Benzo(b)fluoranthene	22.54	252	610990	6.258	ng		95
89) Benzo(k)fluoranthene	22.54	252	607971	6.380	ng	#	94
90) Benzo(a)pyrene	23.07	252	327119	3.685	ng		96
92) Benzo(g,h,i)perylene	25.86	276	223887	2.927	ng		97

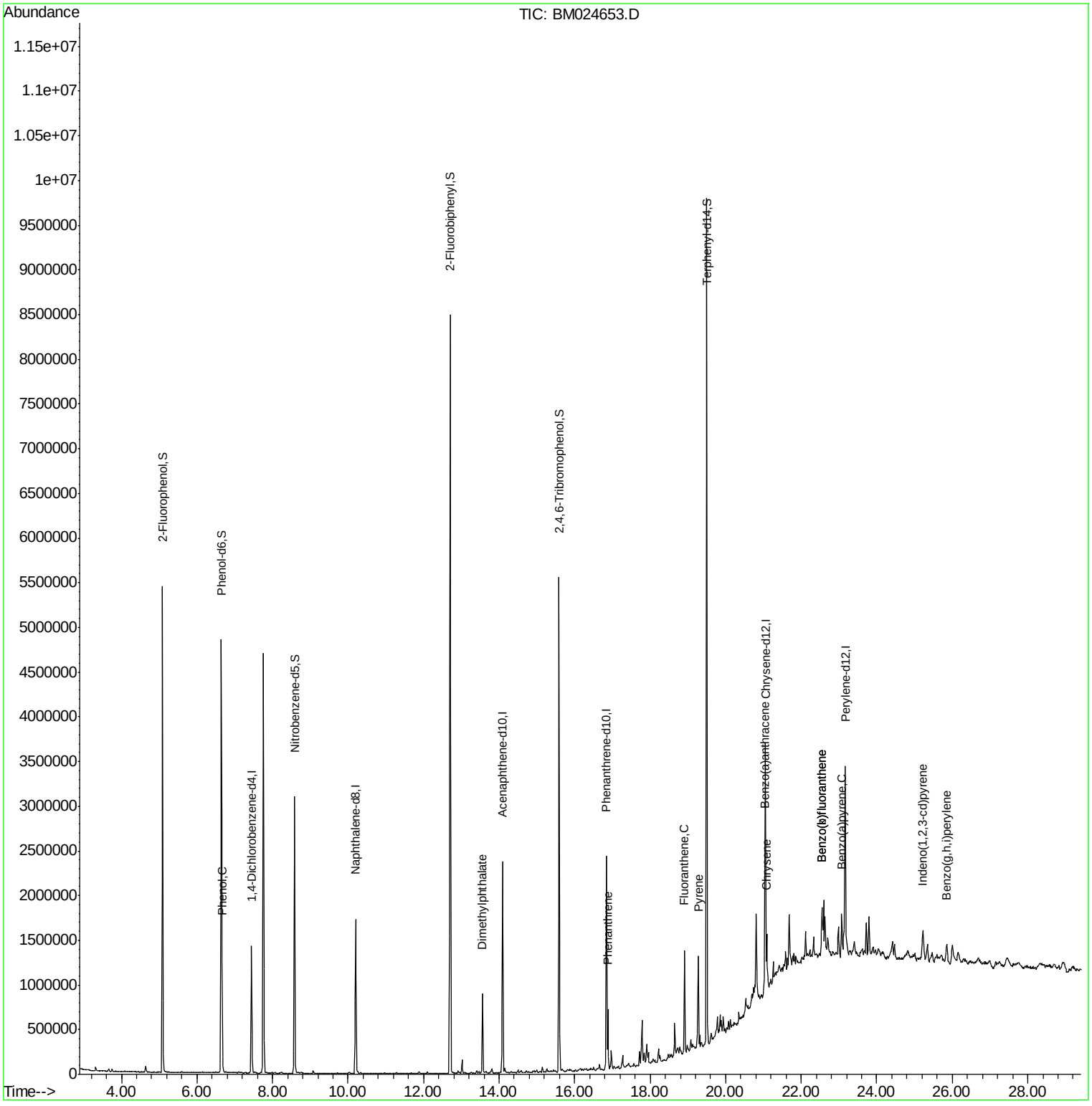
(#) = qualifier out of range (m) = manual integration (+) = signals summed

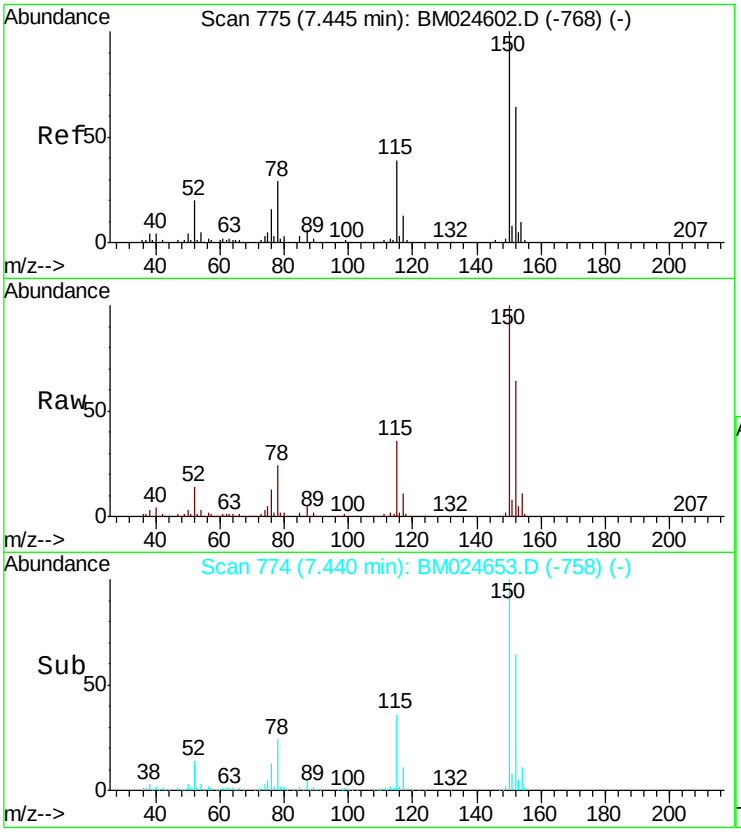
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024653.D
Acq On : 29 Jan 2020 16:53
Operator : CG/JU
Sample : L1278-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 30 02:55:59 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



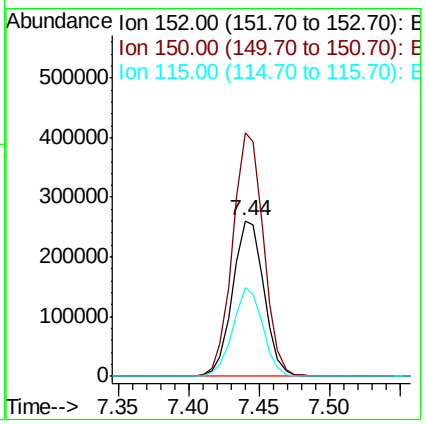


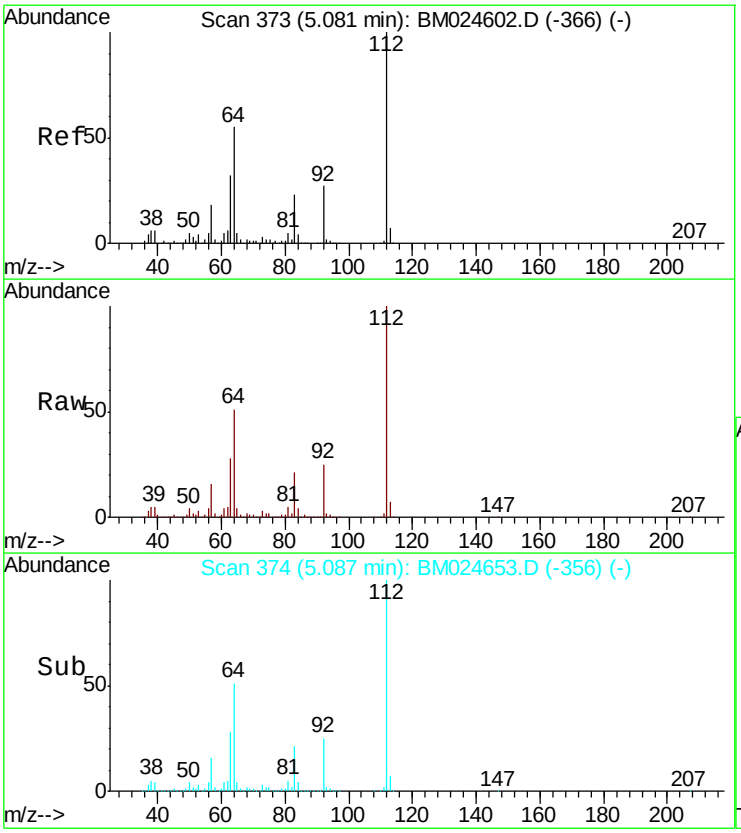
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 401264

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	57.1	48.6	72.8

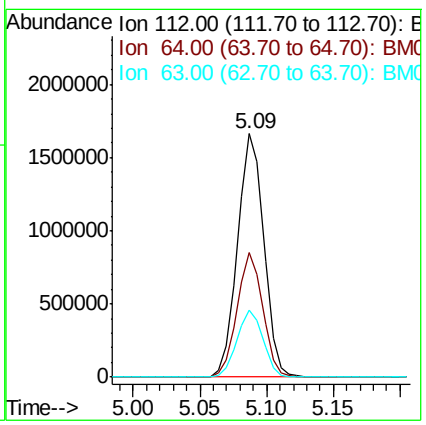


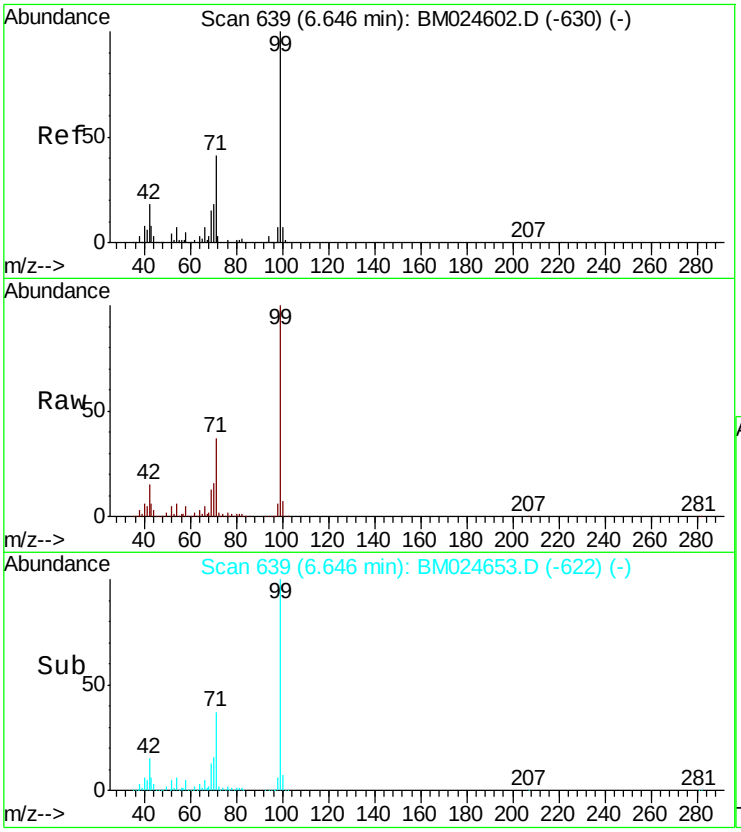


#5
2-Fluorophenol
Concen: 107.336 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:112 Resp: 2264742

Ion	Ratio	Lower	Upper
112	100		
64	51.0	44.2	66.4
63	27.7	25.9	38.9



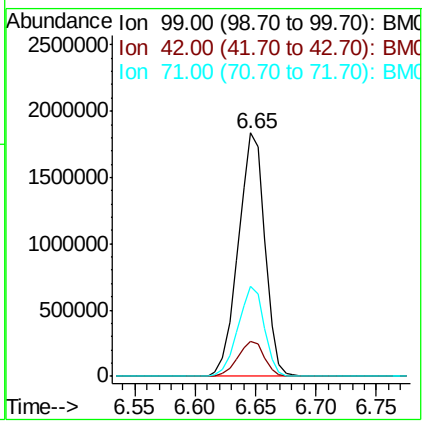


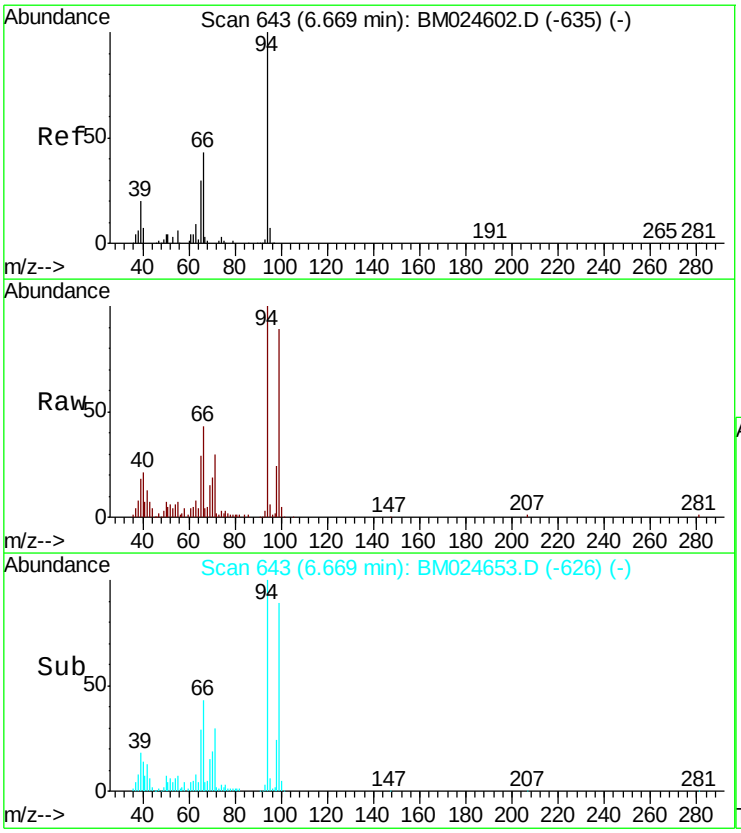
#7
Phenol-d6
Concen: 97.410 ng
RT: 6.65 min Scan# 639
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 2831352

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.1	21.1
71	37.0	33.0	49.6

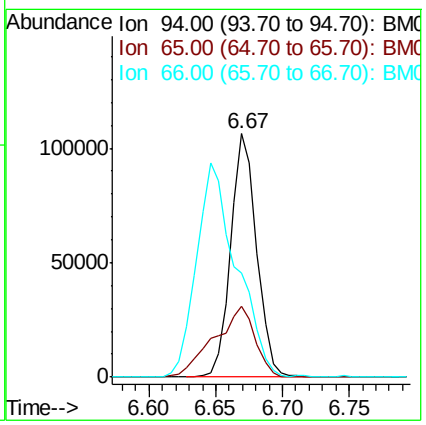


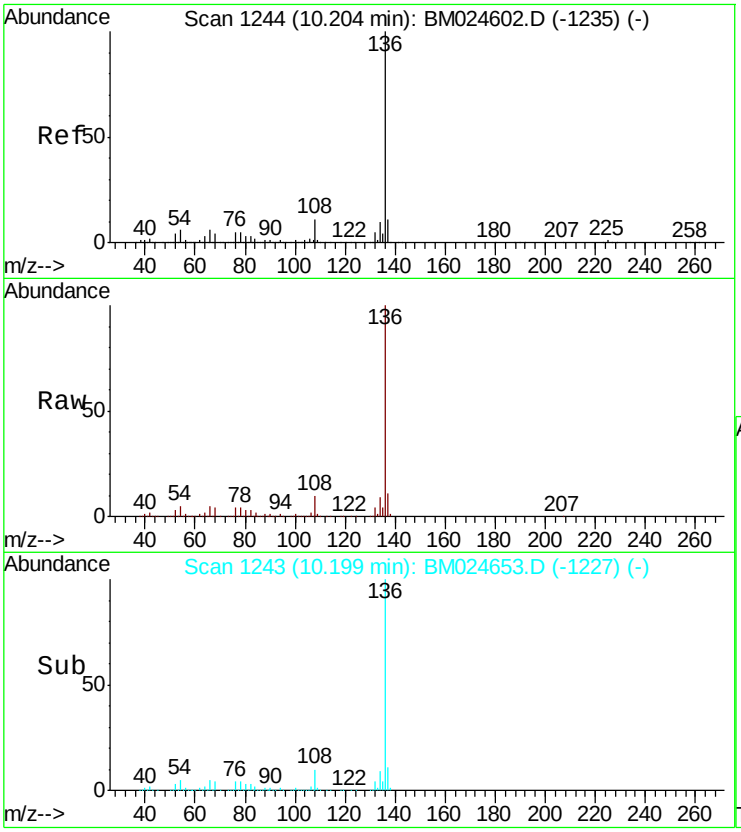


#10
Phenol
Concen: 4.975 ng
RT: 6.67 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion: 94 Resp: 144158

Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.3	50.3
66	43.0	24.8	64.8



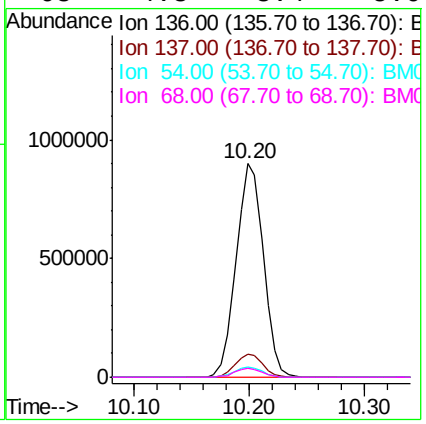


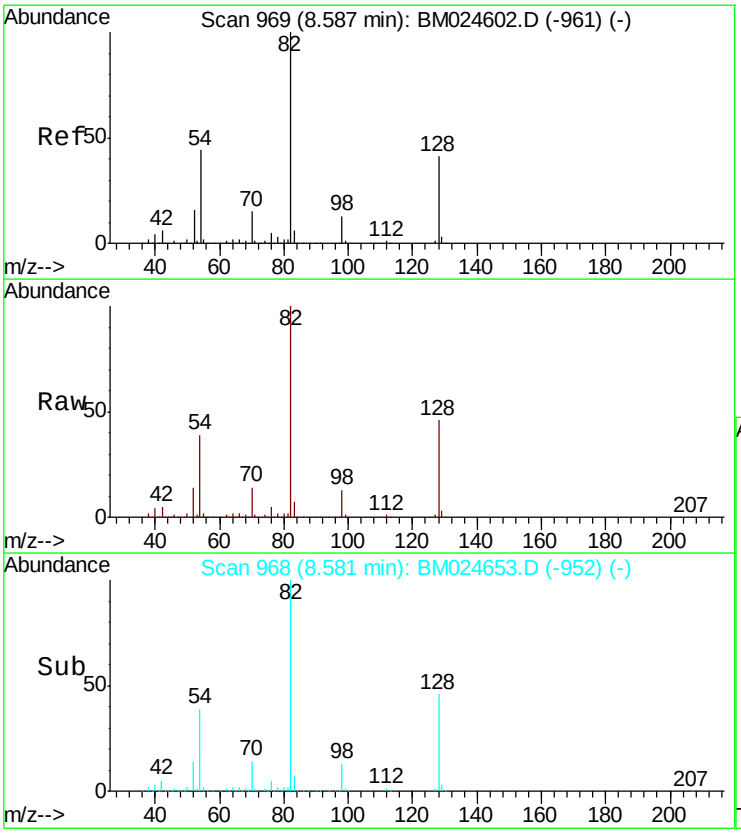
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 1471635

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.6	4.5	6.7
68	4.3	3.4	5.0

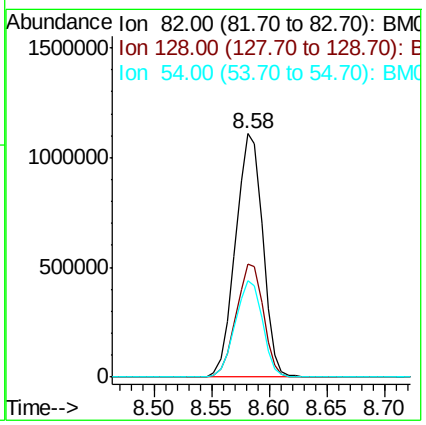


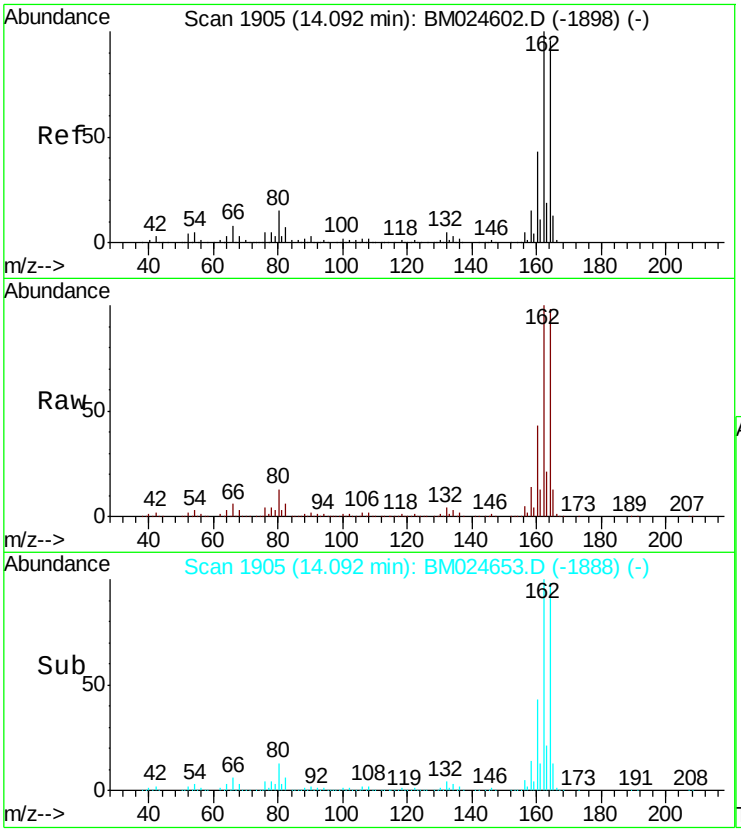


#23
Nitrobenzene-d5
Concen: 60.718 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion: 82 Resp: 1822036

Ion	Ratio	Lower	Upper
82	100		
128	46.4	32.6	48.8
54	39.4	34.8	52.2



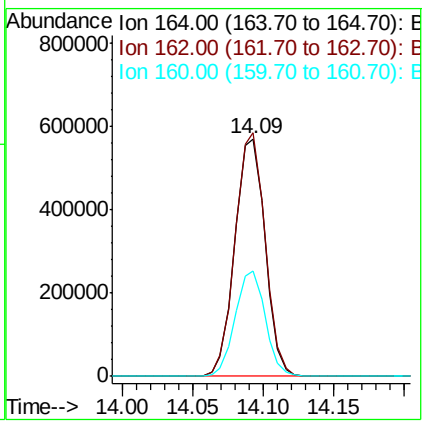


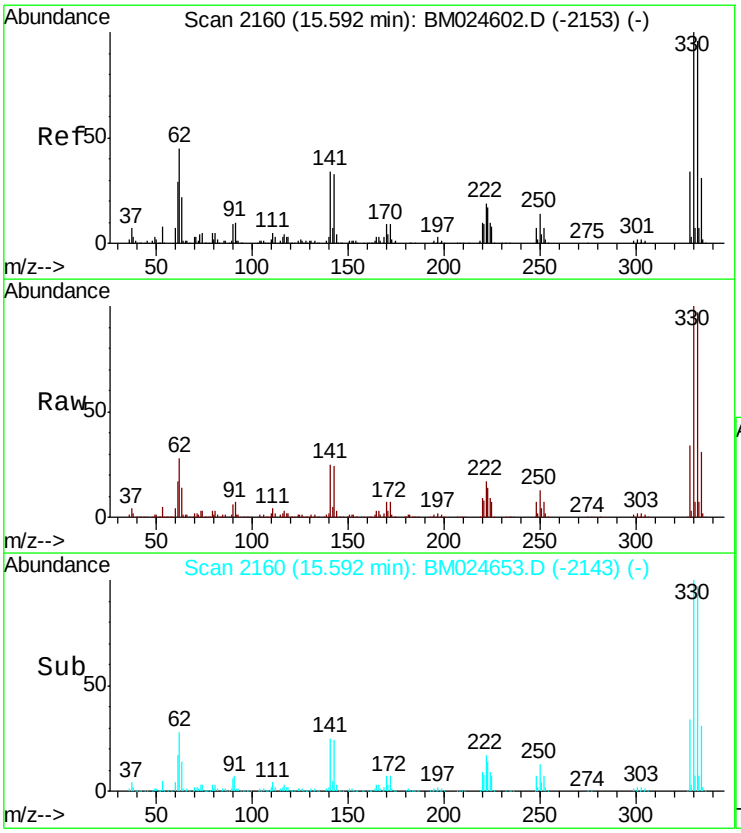
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 856002

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.9	124.3
160	44.3	35.5	53.3

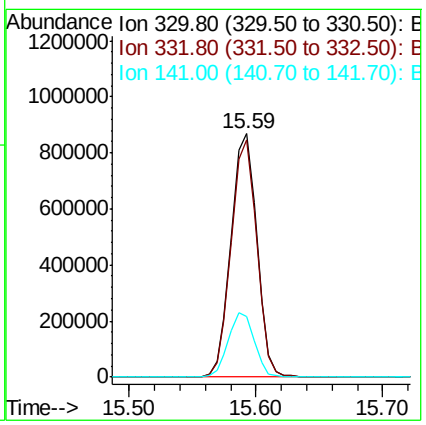


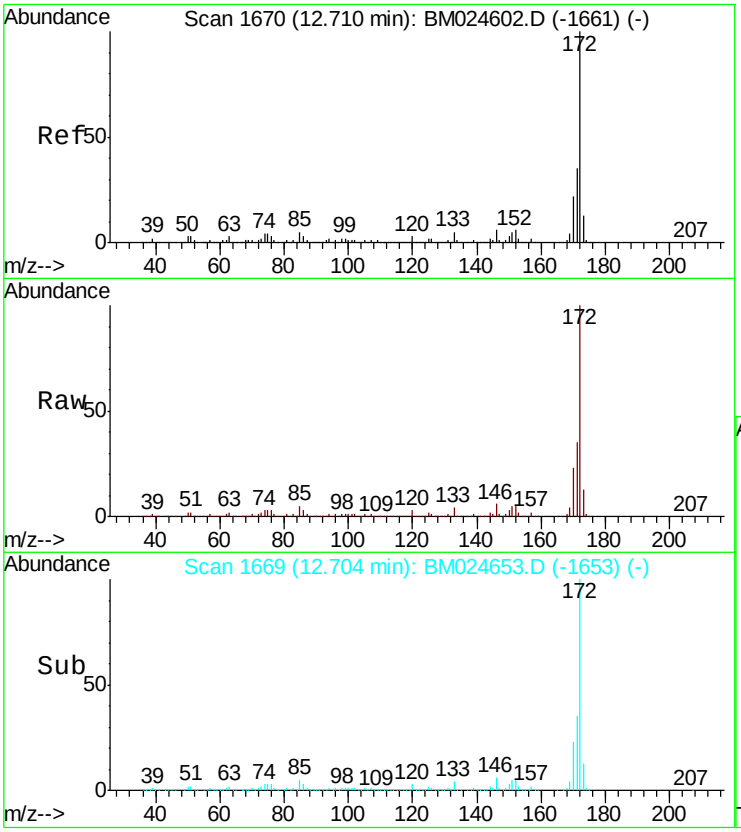


#42
2,4,6-Tribromophenol
Concen: 87.968 ng
RT: 15.59 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:330 Resp: 1224882

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	26.7	26.9	40.3#



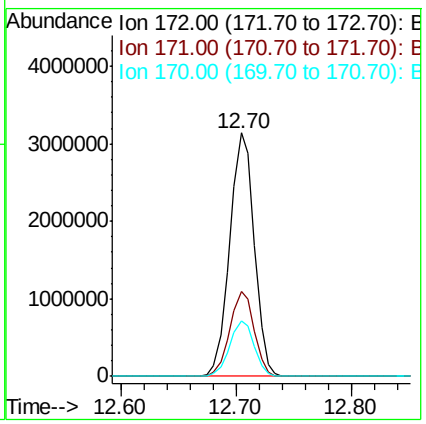


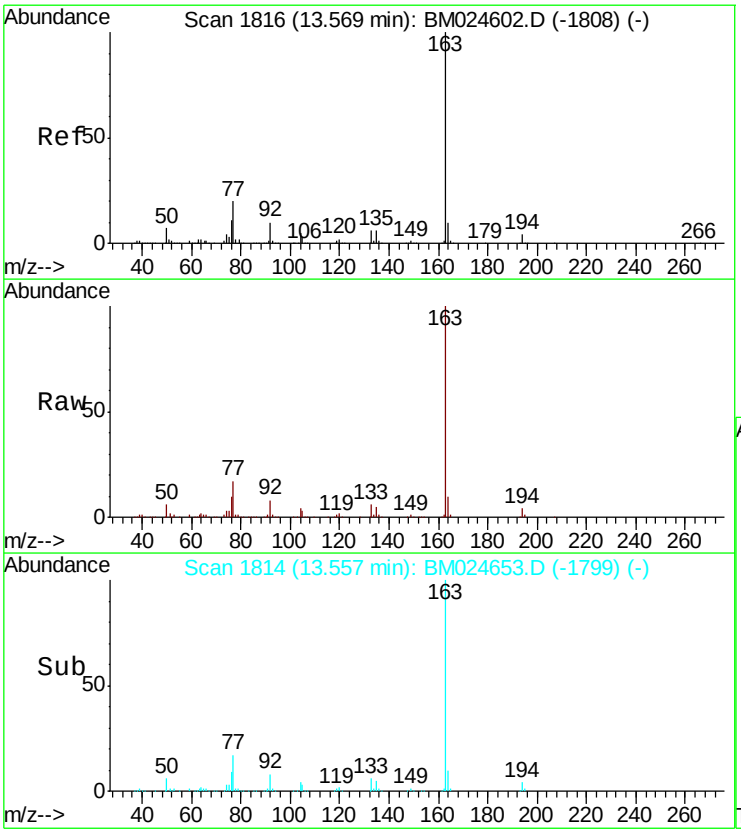
#45
2-Fluorobiphenyl
Concen: 73.416 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 4622562

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.6	17.9	26.9

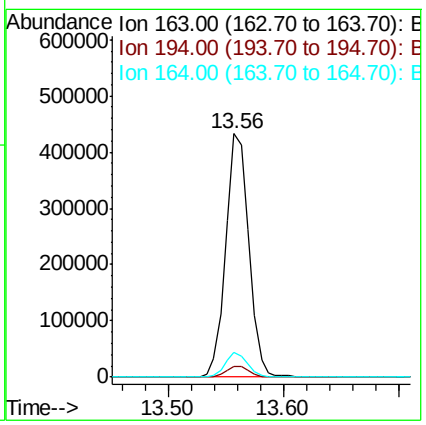


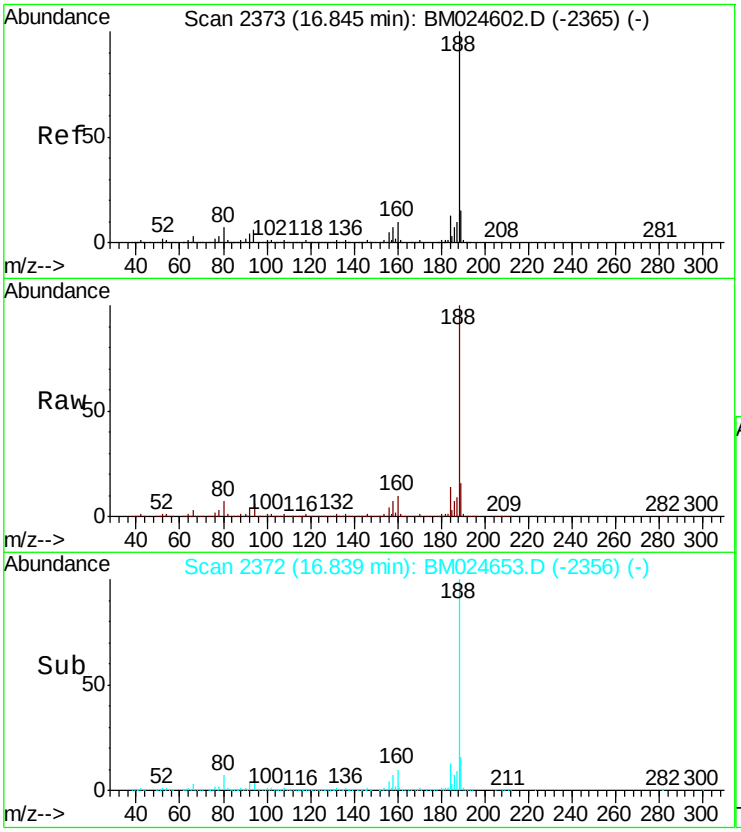


#50
Dimethylphthalate
Concen: 8.683 ng
RT: 13.56 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:163 Resp: 601052

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.0	12.0



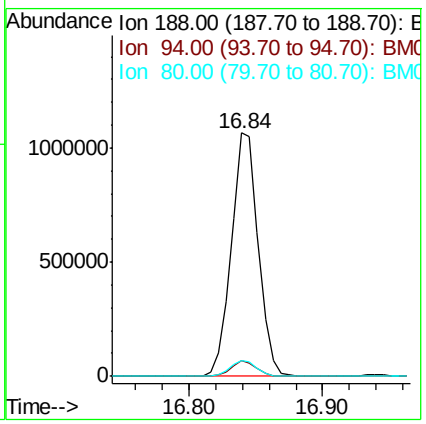


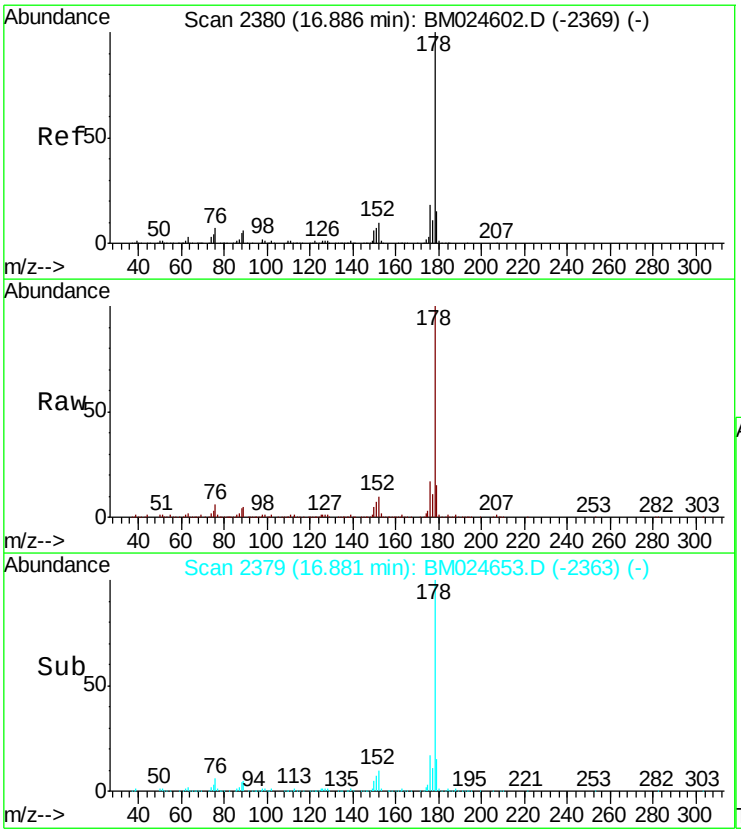
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1497500

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.6
80	6.7	5.8	8.8

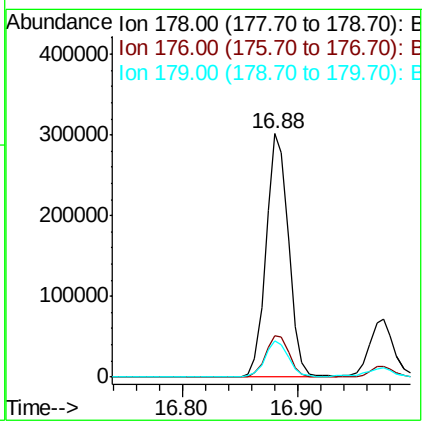


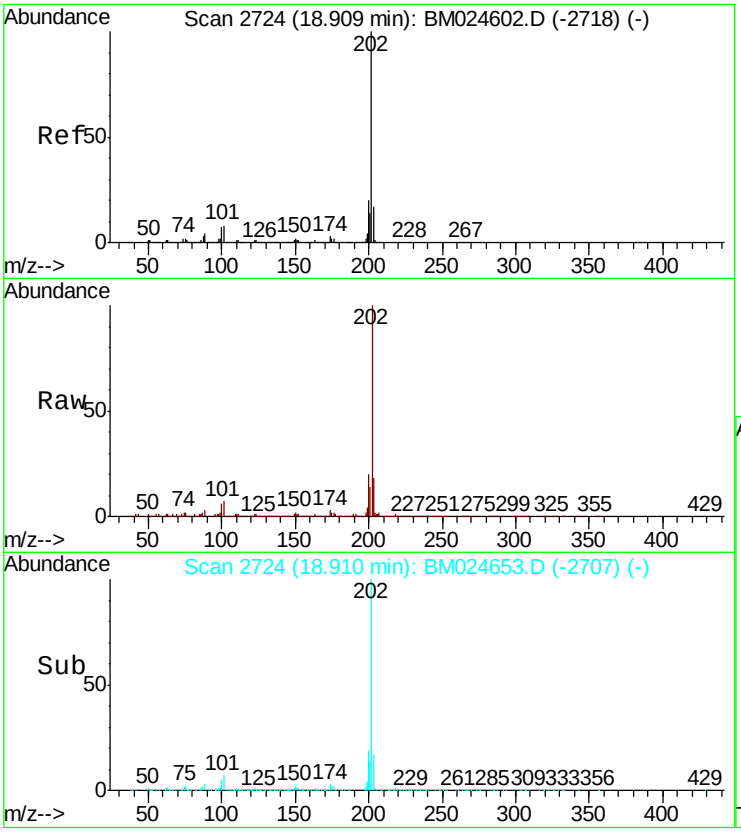


#71
Phenanthrene
Concen: 5.063 ng
RT: 16.88 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:178 Resp: 410565

Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.5	21.7
179	15.1	11.9	17.9



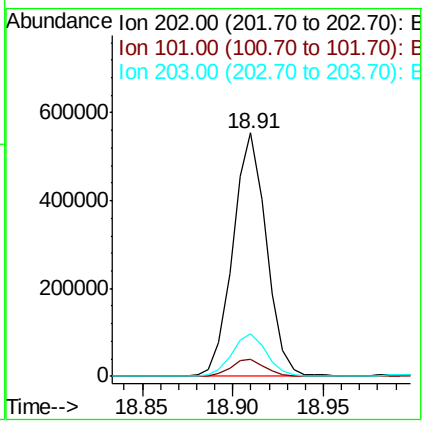


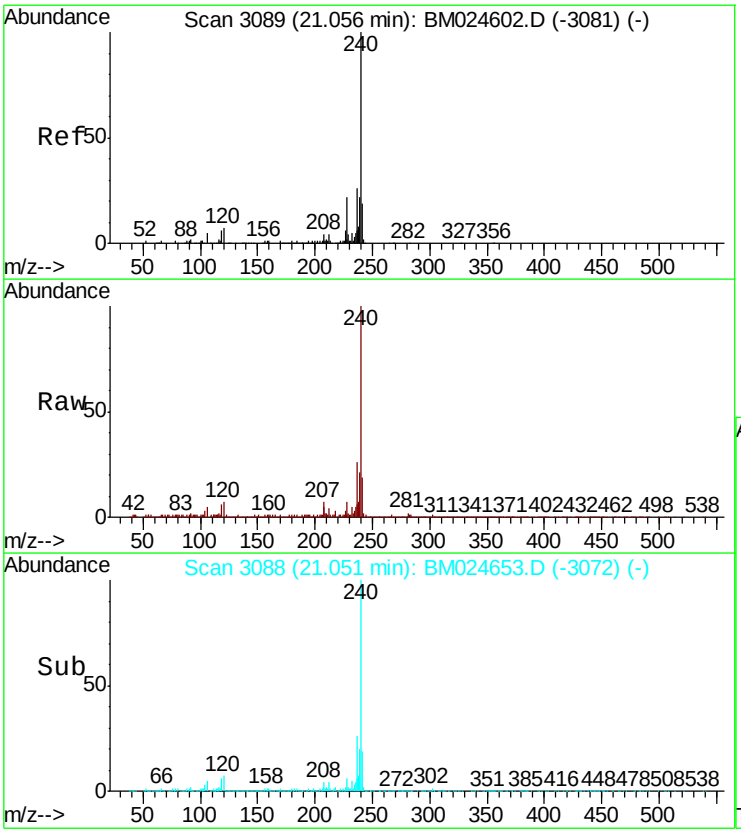
#75
Fluoranthene
Concen: 6.984 ng
RT: 18.91 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 706829

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.4
203	17.8	0.0	37.5

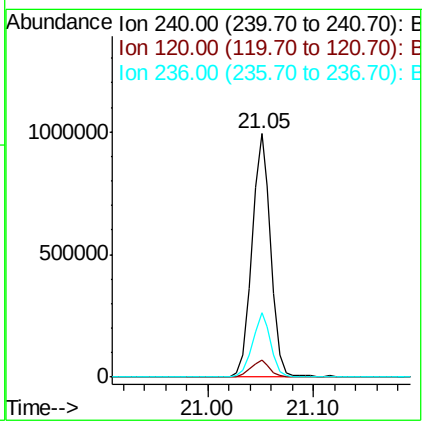


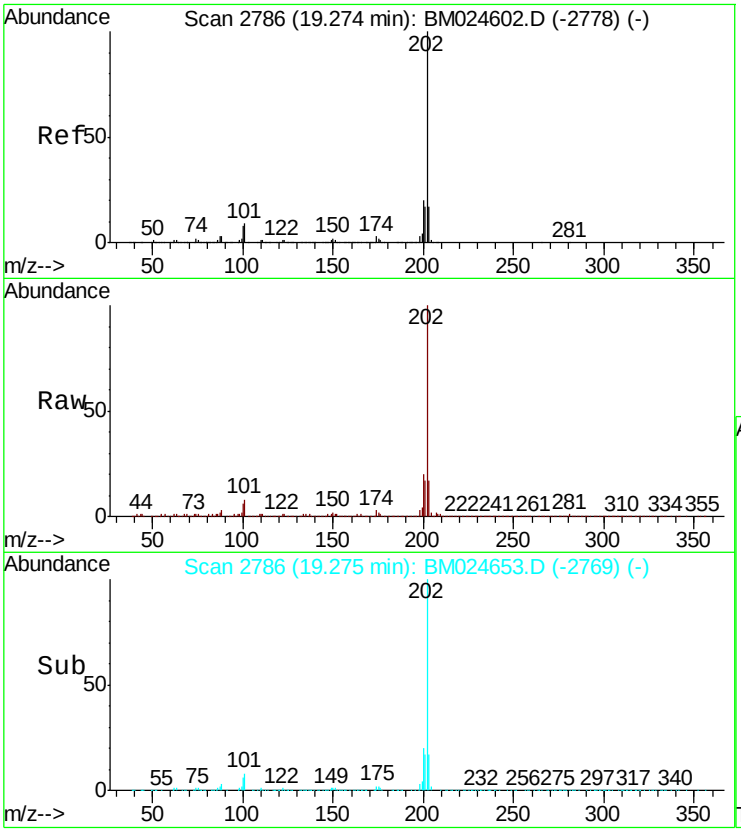


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:240 Resp: 1233808

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	26.4	20.6	31.0



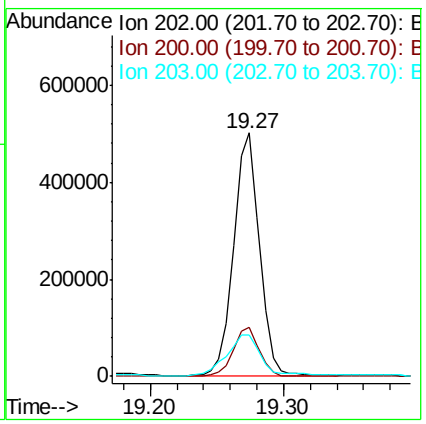


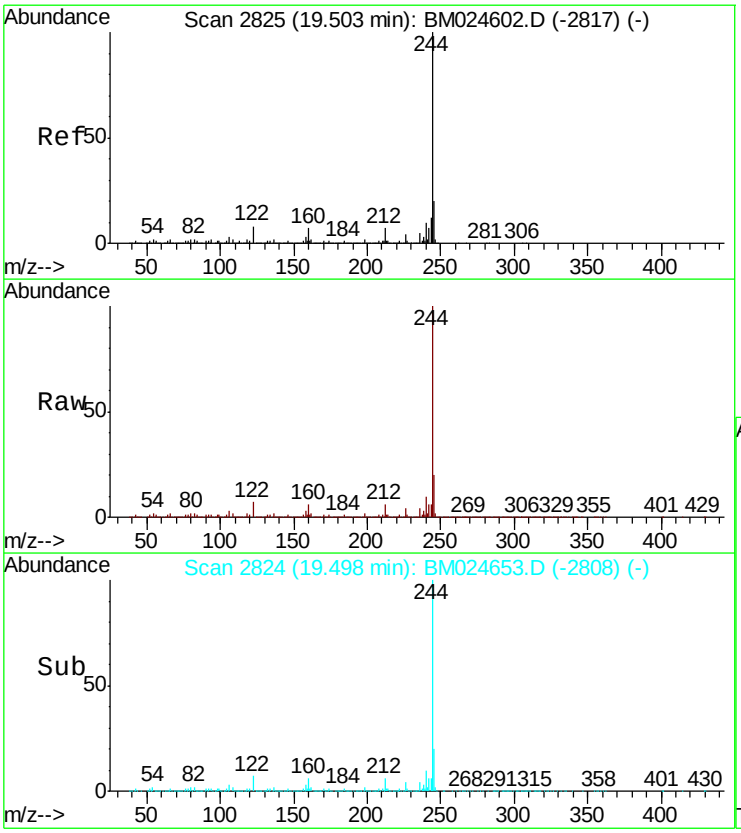
#78
Pyrene
Concen: 8.248 ng
RT: 19.27 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 670841

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.2	14.0	21.0

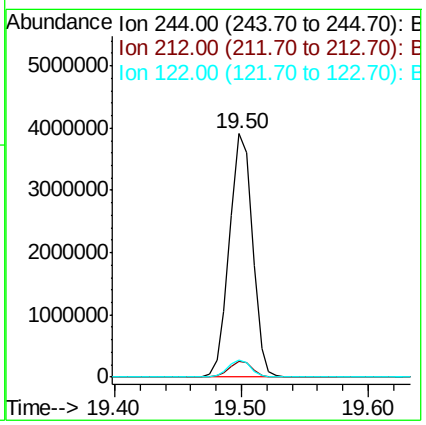


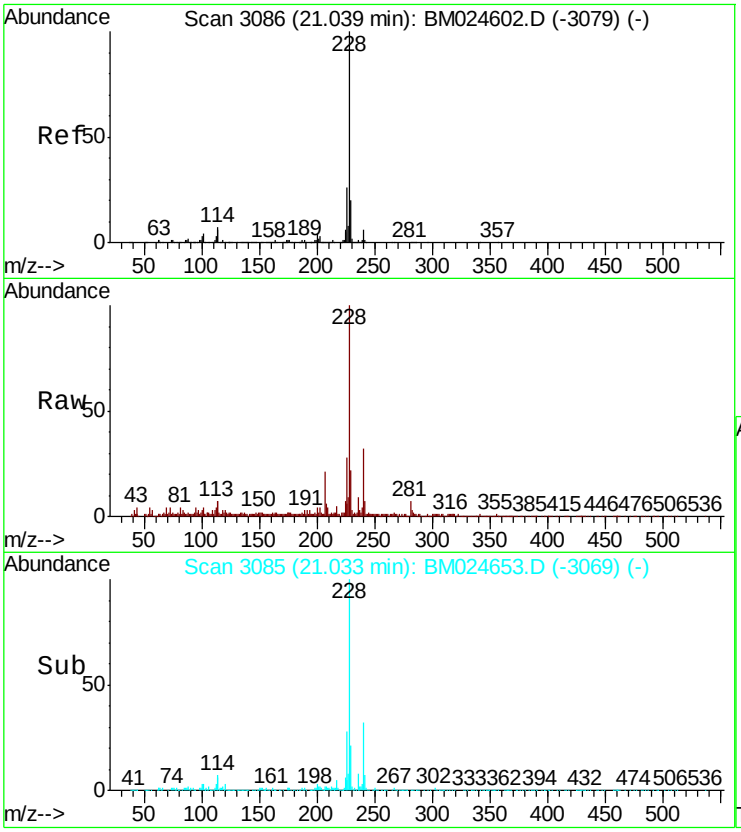


#79
Terphenyl-d14
Concen: 74.168 ng
RT: 19.50 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:244 Resp: 4901647

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	7.2	6.2	9.4



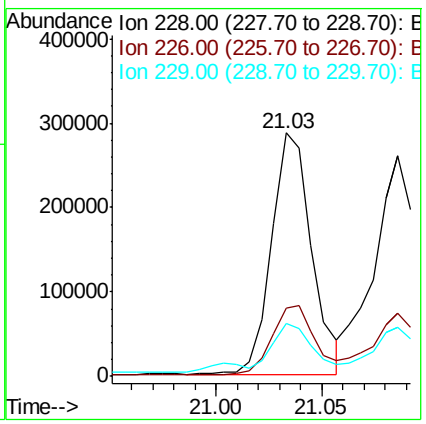


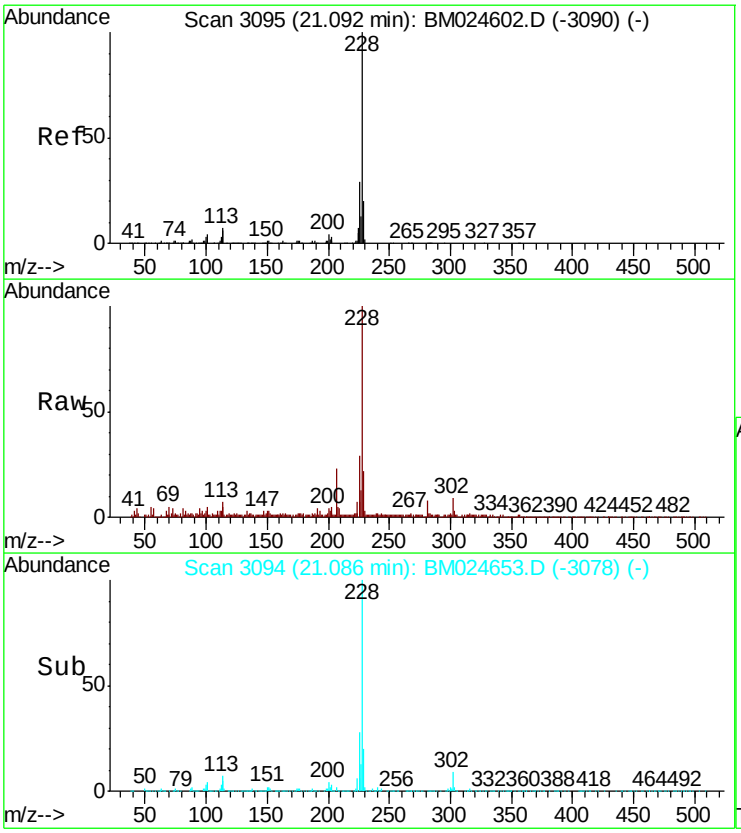
#81
Benzo(a)anthracene
Concen: 4.426 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 379054

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.1	31.7
229	21.8	15.8	23.6

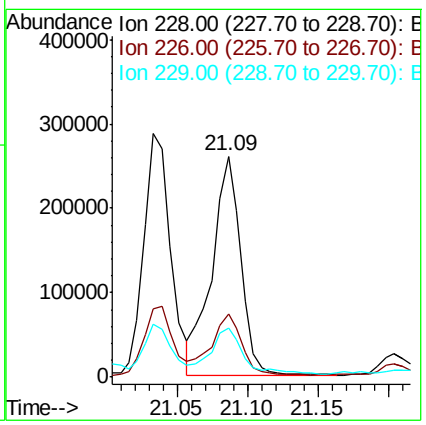


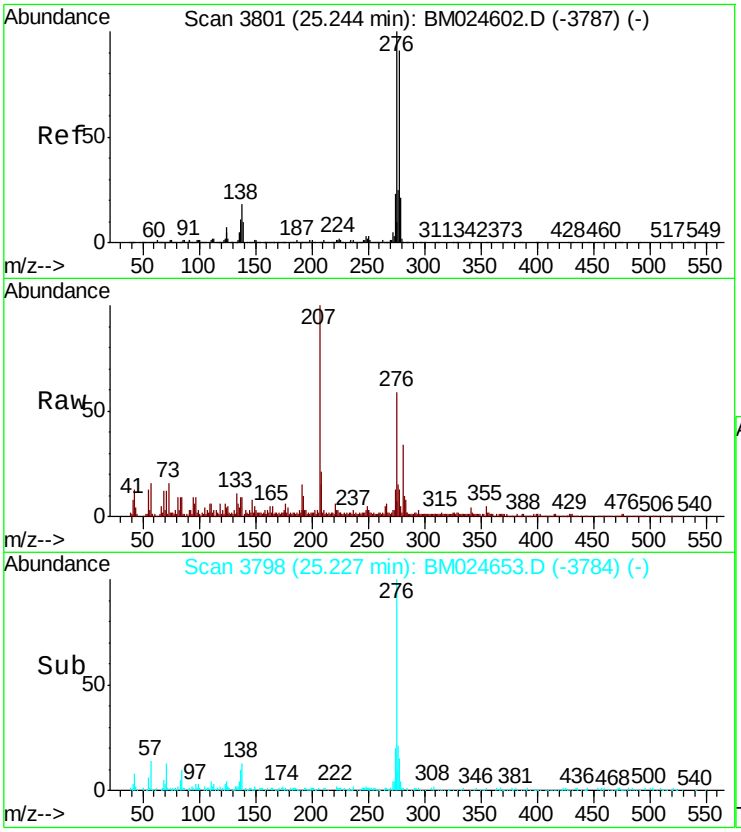


#83
Chrysene
Concen: 4.491 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:228 Resp: 366972

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	22.4	15.7	23.5



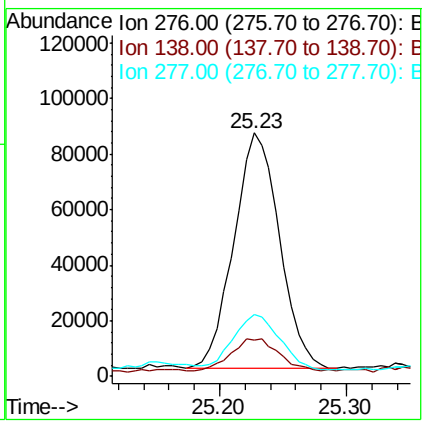


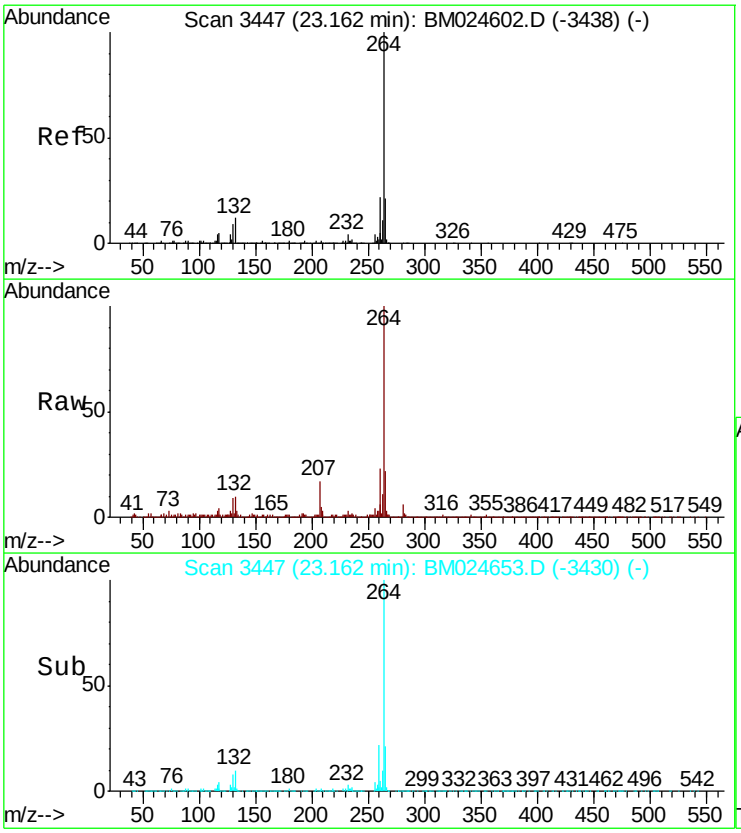
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.367 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 210848

Ion	Ratio	Lower	Upper
276	100		
138	14.0	13.4	20.0
277	24.5	19.6	29.4

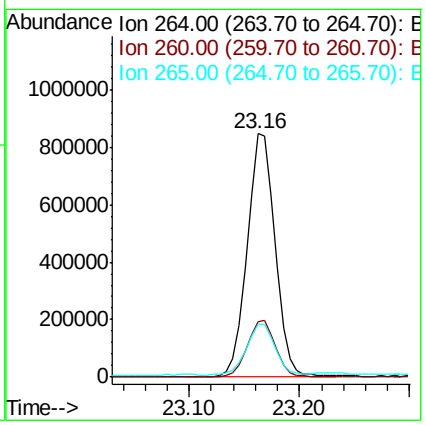


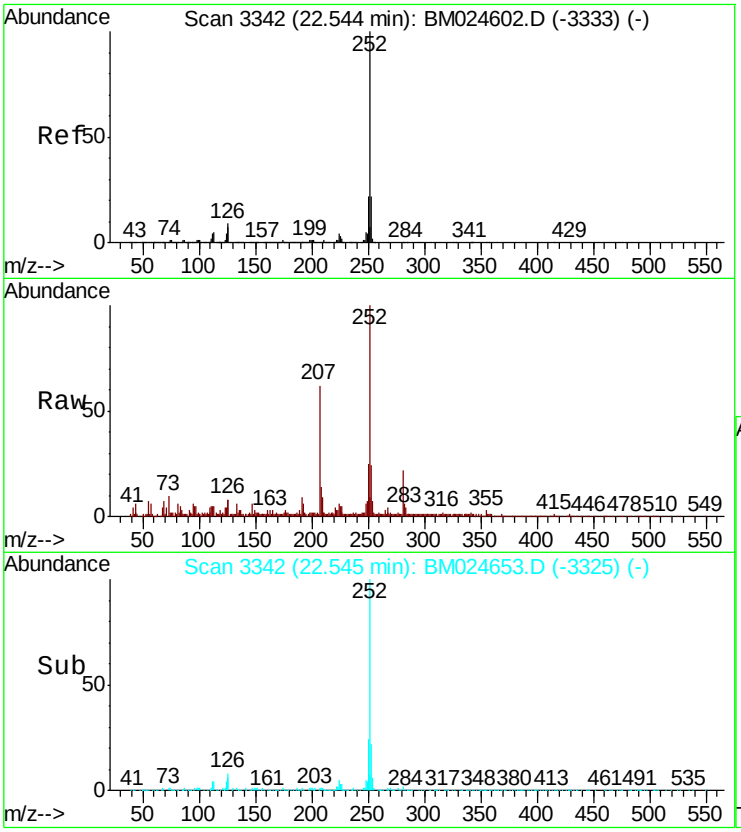


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:264 Resp: 1505266

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	21.8	17.3	25.9



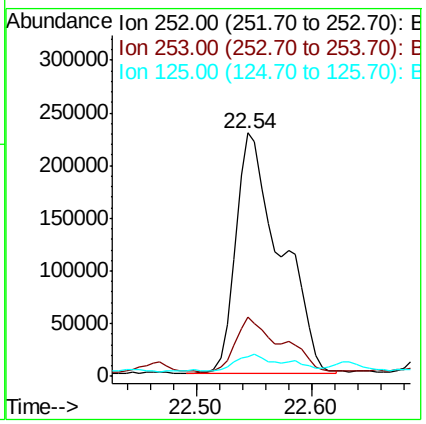


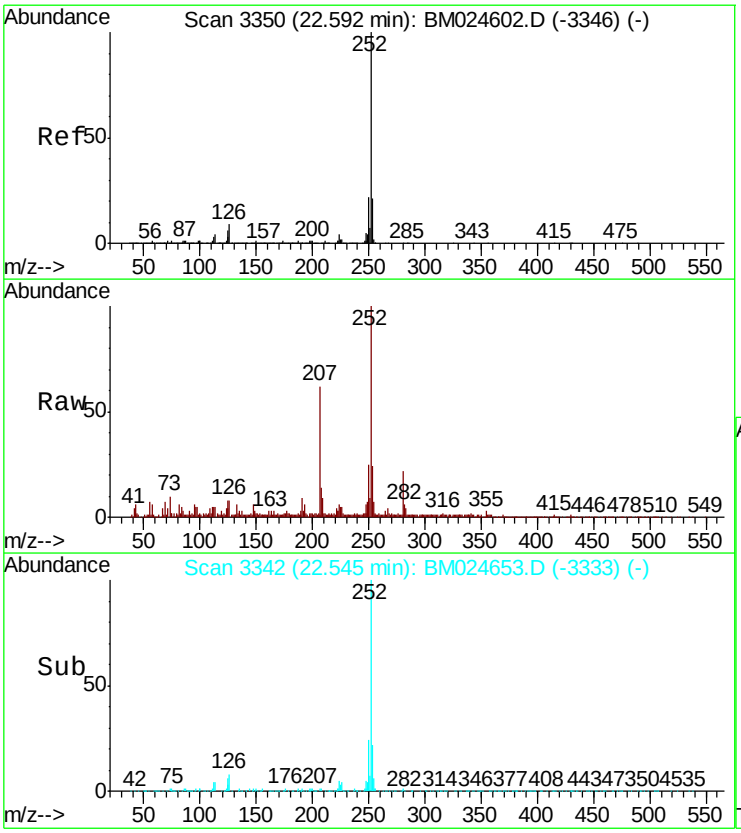
#88
Benzo(b)fluoranthene
Concen: 6.258 ng
RT: 22.54 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 610990

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	8.3	5.7	8.5

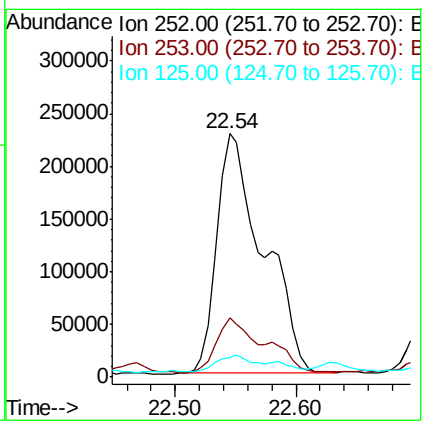


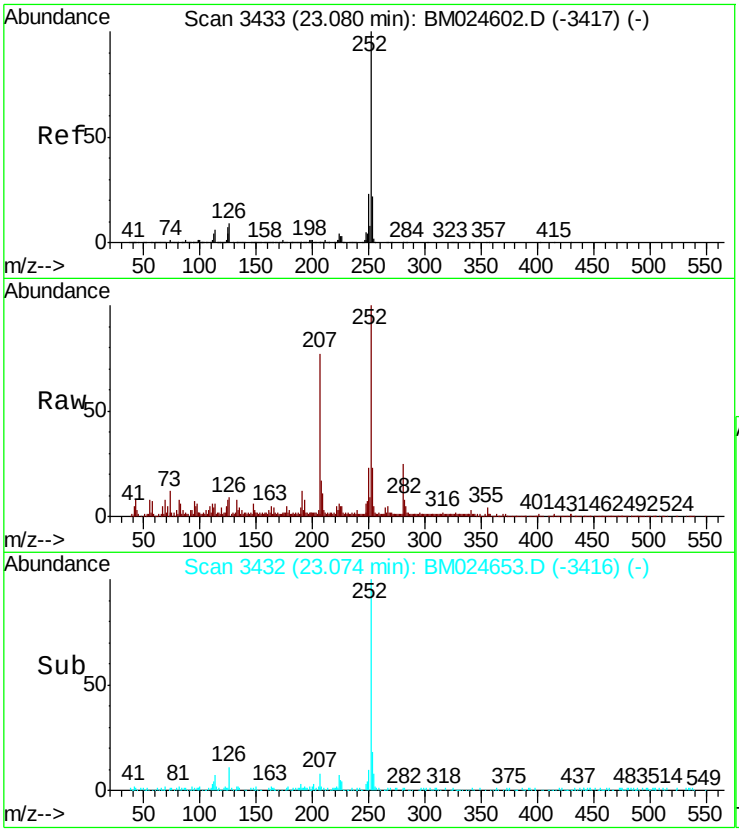


#89
Benzo(k)fluoranthene
Concen: 6.380 ng
RT: 22.54 min Scan# 3342
Delta R.T. -0.05 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:252 Resp: 607971

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	8.3	5.2	7.8#



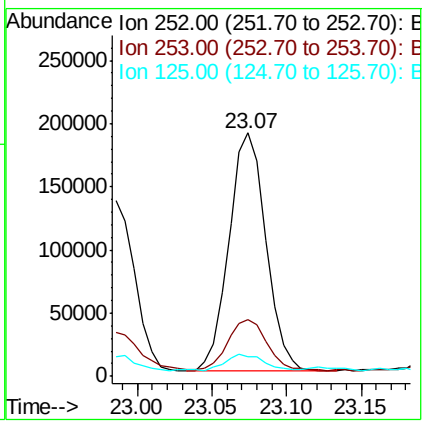


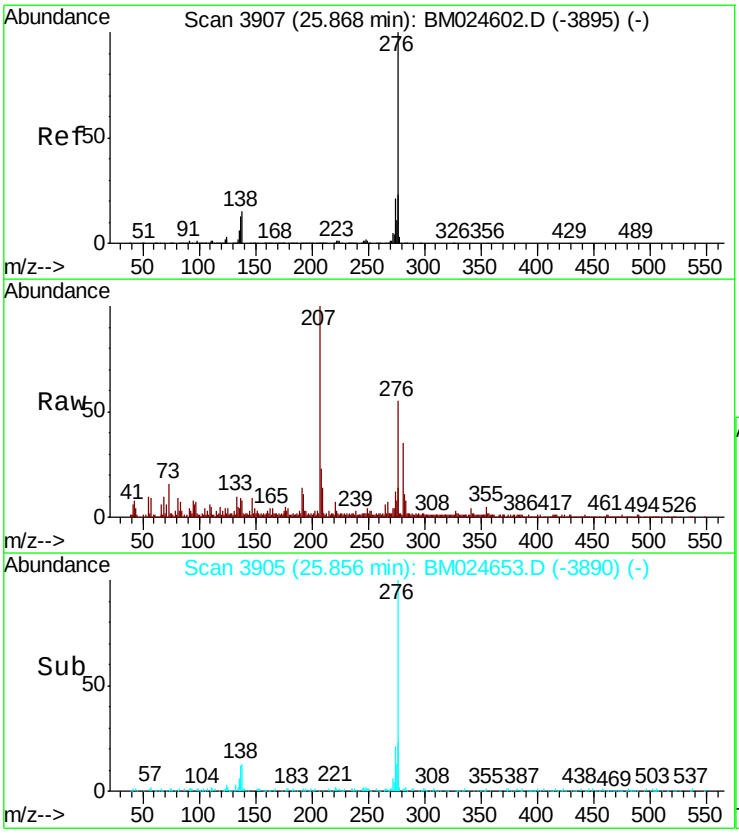
#90
Benzo(a)pyrene
Concen: 3.685 ng
RT: 23.07 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 327119

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	8.2	5.8	8.8





#92
Benzo(g,h,i)perylene
Concen: 2.927 ng
RT: 25.86 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM024653.D
Acq: 29 Jan 2020 16:53

Tgt Ion:276 Resp: 223887

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	14.9	11.9	17.9