Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024676.D
Acq On : 31 Jan 2020 01:42
Operator : CG/JU
Sample : L1274-02DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 31 02:22:41 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	7.43	152	224044	20.00	ng		-0.02
21) Naphthalene-d8	10.19	136	848581	20.00	ng		-0.02
39) Acenaphthene-d10	14.08	164	570566	20.00	ng		-0.01
64) Phenanthrene-d10	16.83	188	1300159	20.00	ng		-0.01
76) Chrysene-d12	21.04	240	1341928	20.00	ng		-0.02
87) Perylene-d12	23.15	264	1608662	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	76077	6.46	ng		-0.01
7) Phenol-d6	6.63	99	96635	5.95	ng		-0.02
23) Nitrobenzene-d5	8.57	82	62552	3.62	ng		-0.02
42) 2,4,6-Tribromophenol	15.58	330	60255	6.49	ng		-0.01
45) 2-Fluorobiphenyl	12.69	172	183474	4.37	ng		-0.02
79) Terphenyl-d14	19.49	244	357058	4.97	ng		-0.02
Target Compounds							Qvalue
38) 1-Methylnaphthalene	12.09	142	84914	2.699	ng	#	94
49) Acenaphthylene	13.79	152	487866	9.349	ng		98
52) Acenaphthene	14.14	154	151673	4.684	ng		97
55) Dibenzofuran	14.48	168	121146	2.294	ng	#	92
58) Fluorene	15.13	166	328094	7.393	ng		94
71) Phenanthrene	16.87	178	2937666	41.725	ng		99
72) Anthracene	16.96	178	999578	14.510	ng		98
73) Carbazole	17.24	167	147290	2.349	ng		99
75) Fluoranthene	18.90	202	3633400	41.348	ng		98
78) Pyrene	19.27	202	4711207	53.255	ng		99
81) Benzo(a)anthracene	21.03	228	2173155	23.333	ng		94
83) Chrysene	21.08	228	2043188	22.990	ng		98
86) Indeno(1,2,3-cd)pyrene	25.21	276	780460	8.057	ng		96
88) Benzo(b)fluoranthene	22.53	252	2146536	20.574	ng		98
89) Benzo(k)fluoranthene	22.53	252	2149374	21.105	ng		97
90) Benzo(a)pyrene	23.06	252	1553085	16.373	ng		98
91) Dibenzo(a,h)anthracene	25.22	278	256223	2.846	ng	#	87
92) Benzo(g,h,i)perylene	25.84	276	887893	10.861	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
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Acq On : 31 Jan 2020 01:42
Operator : CG/JU
Sample : L1274-02DL 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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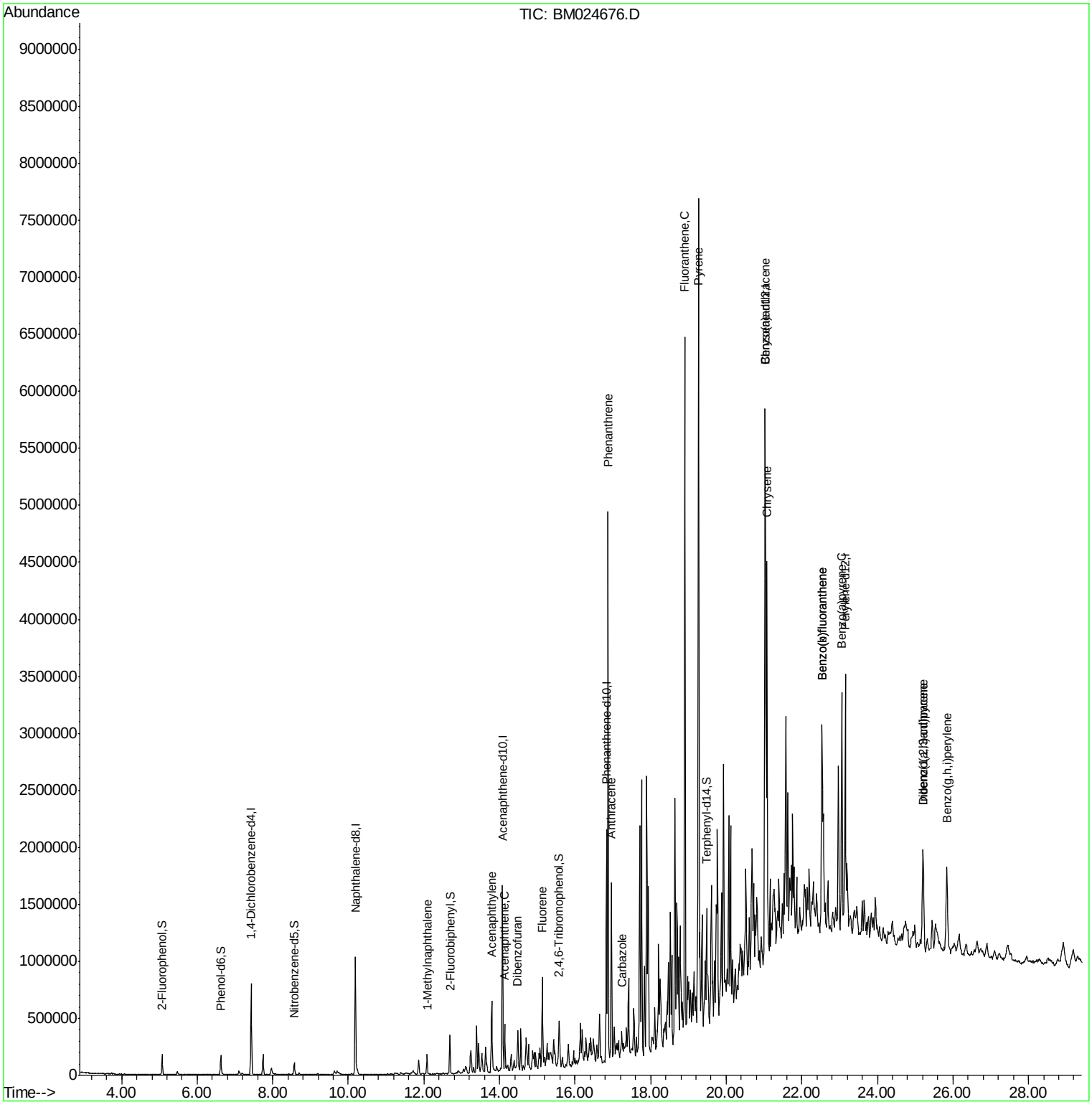
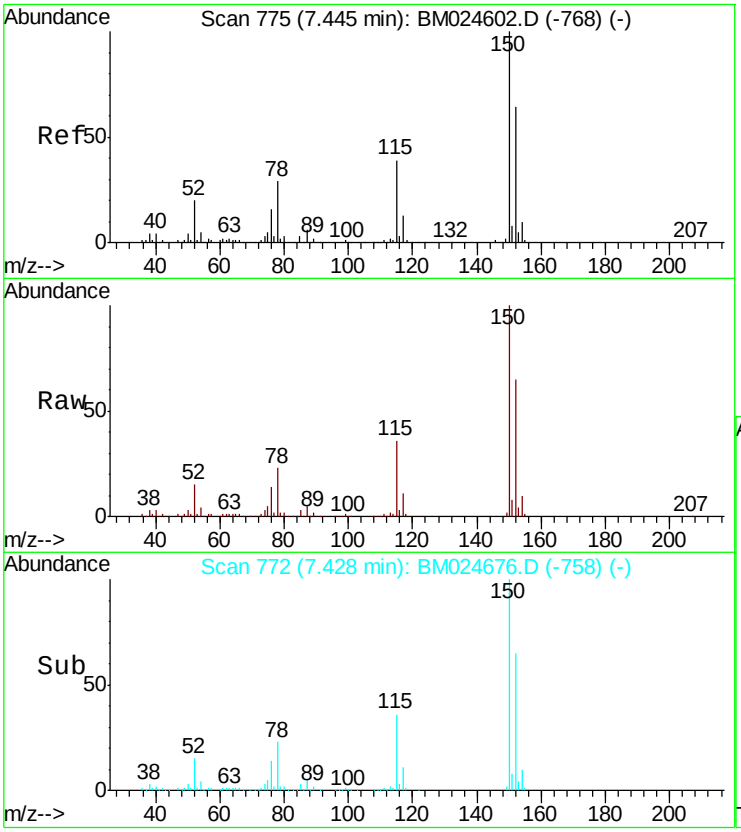


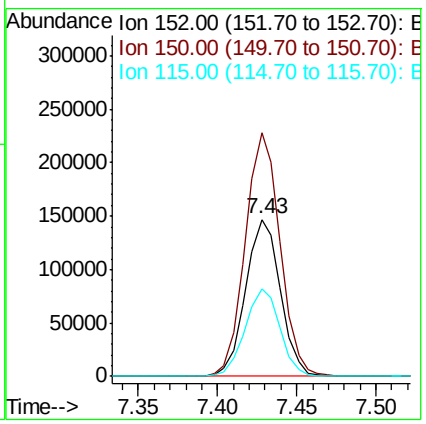


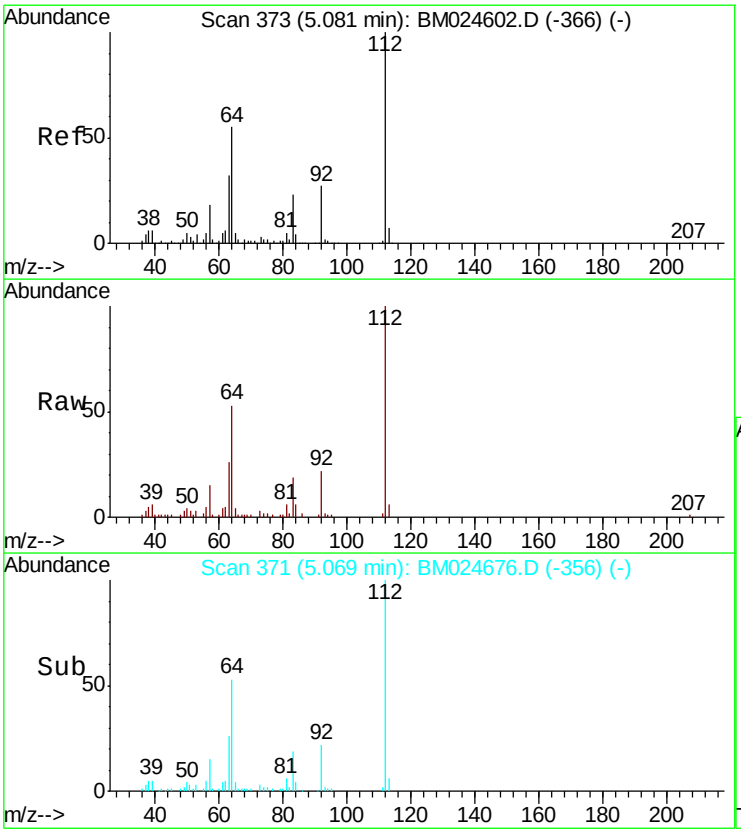
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 224044

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.4
115	55.3	48.6	72.8

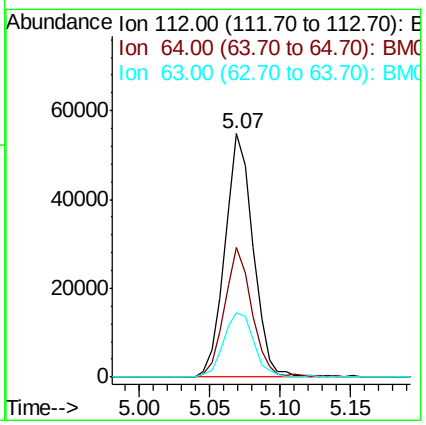


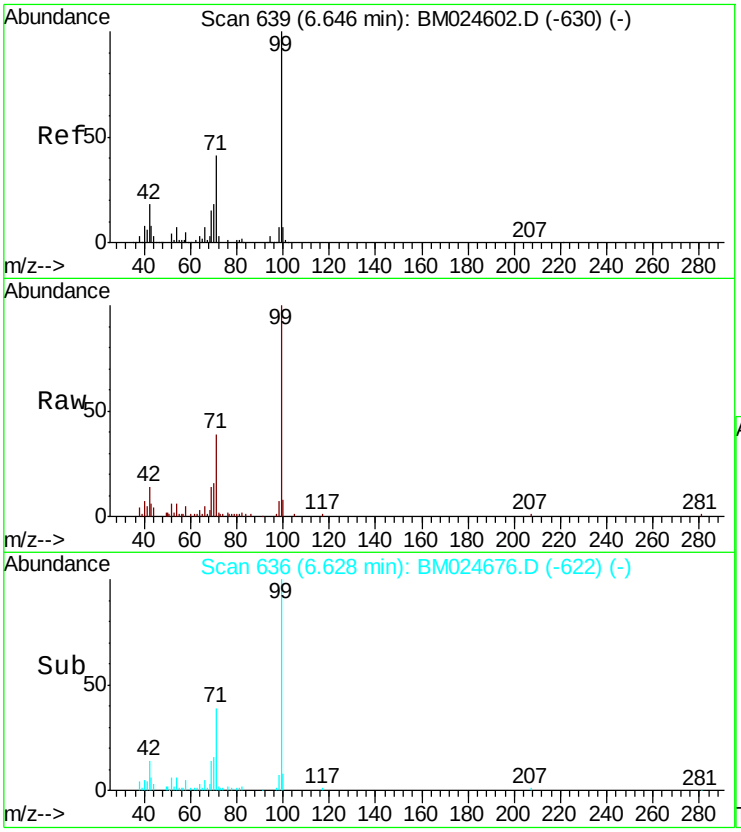


#5
2-Fluorophenol
Concen: 6.458 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:112 Resp: 76077

Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.2	66.4
63	26.4	25.9	38.9



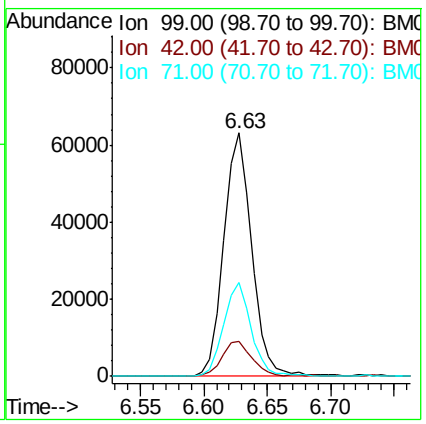


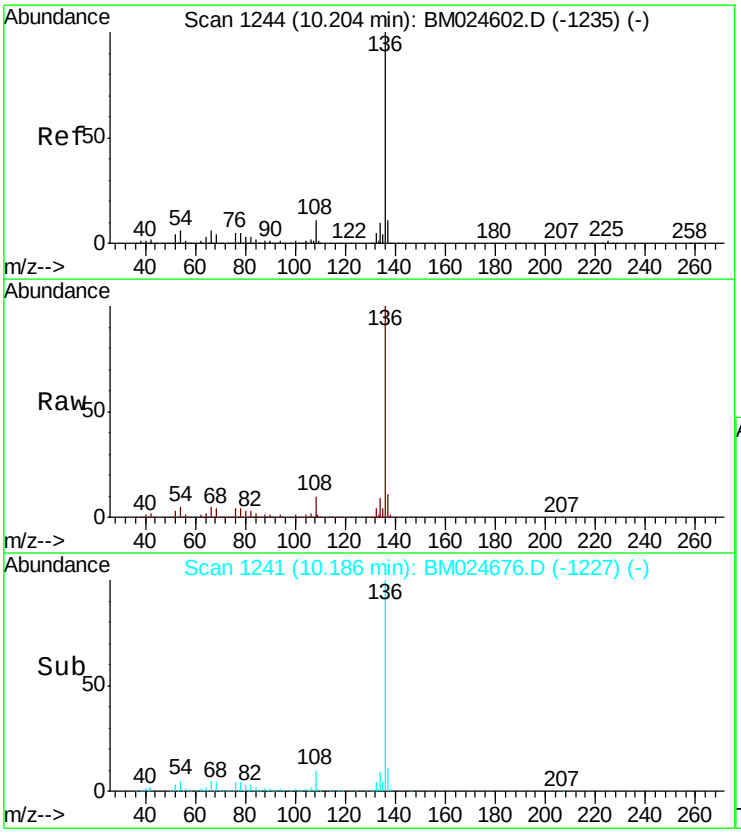
#7
Phenol-d6
Concen: 5.954 ng
RT: 6.63 min Scan# 636
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 96635

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	38.6	33.0	49.6

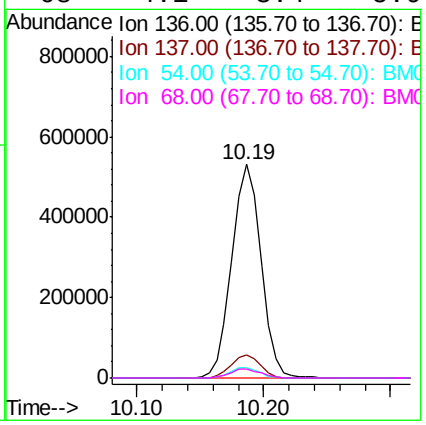


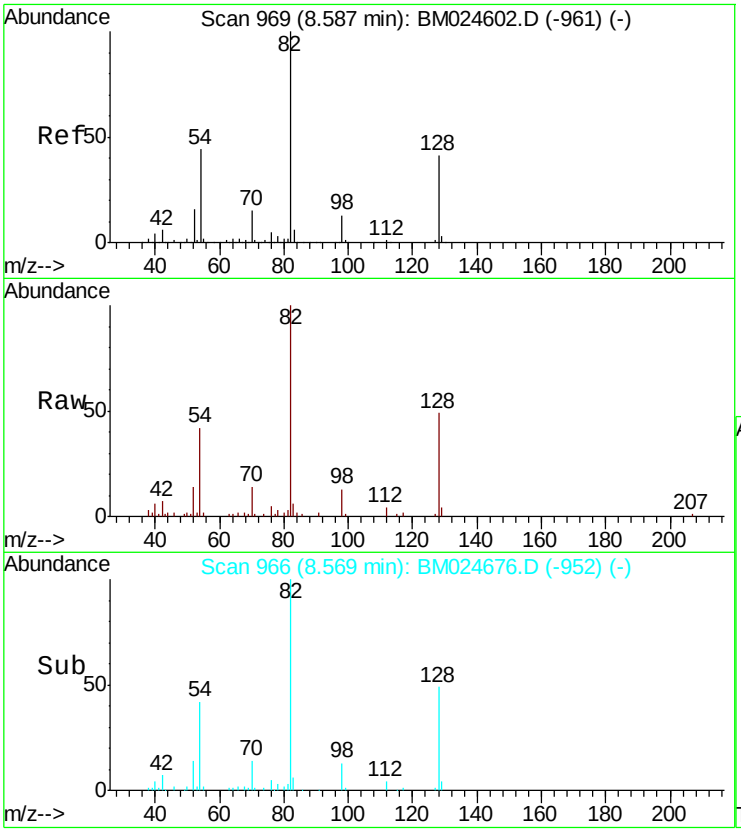


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:136 Resp: 848581

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	4.5	4.5	6.7
68	4.1	3.4	5.0



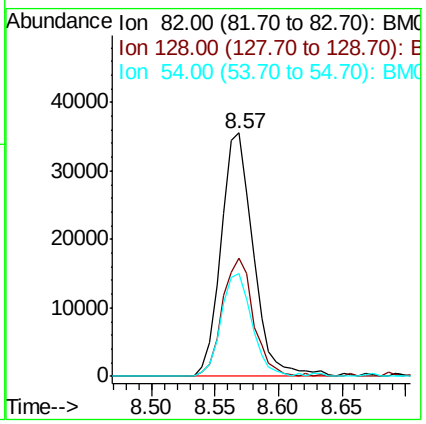


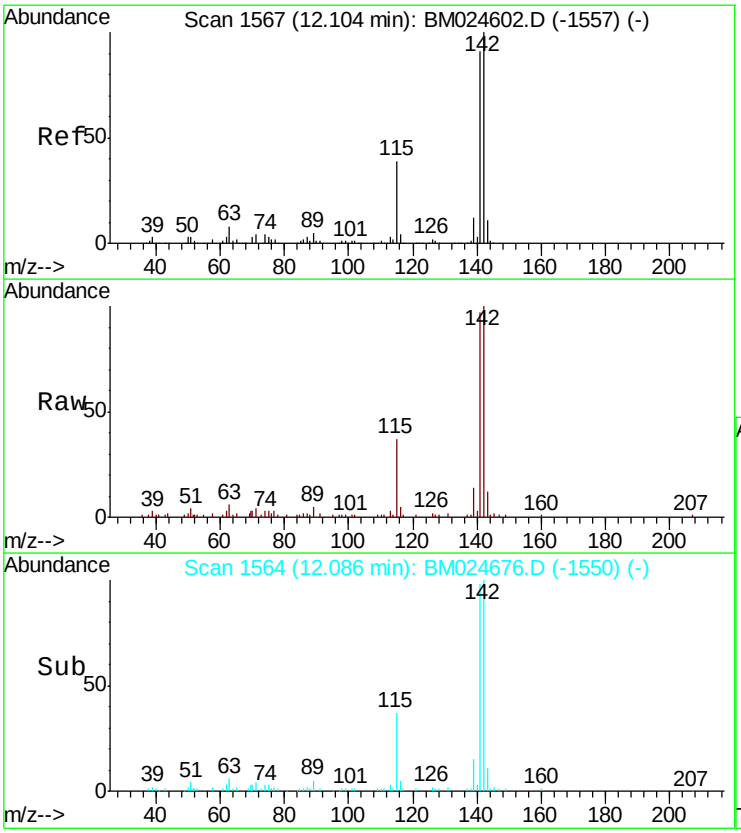
#23
Nitrobenzene-d5
Concen: 3.615 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 62552

Ion	Ratio	Lower	Upper
82	100		
128	48.7	32.6	48.8
54	42.4	34.8	52.2

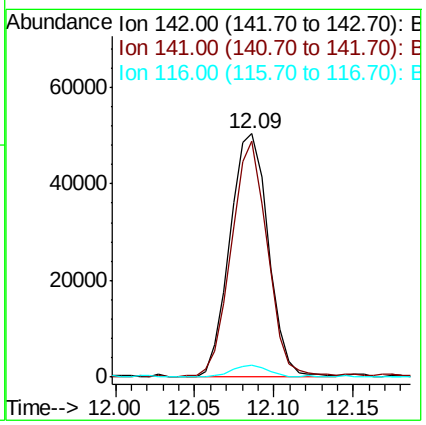


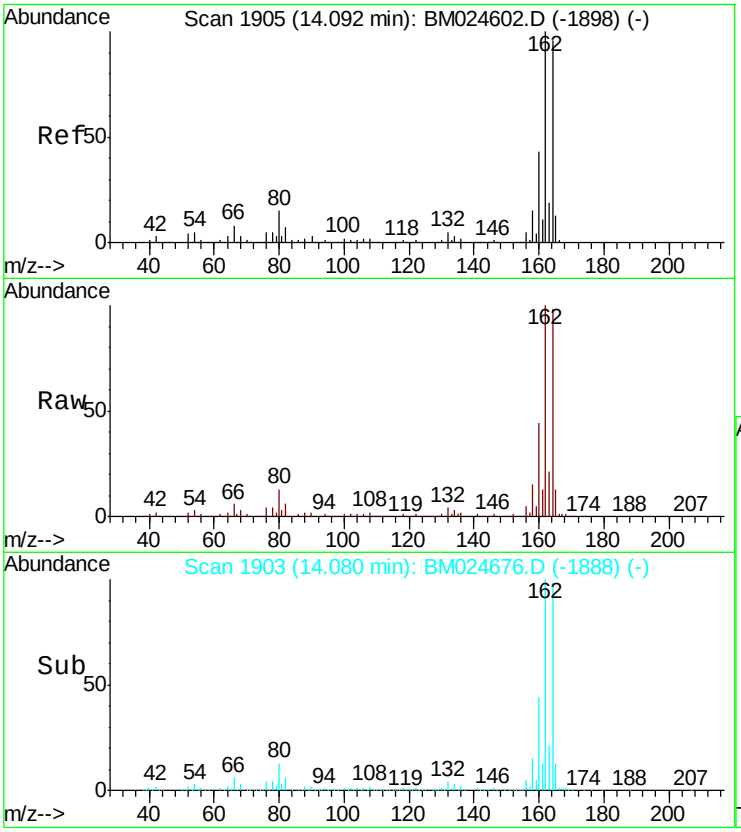


#38
1-Methylnaphthalene
Concen: 2.699 ng
RT: 12.09 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:142 Resp: 84914

Ion	Ratio	Lower	Upper
142	100		
141	96.8	72.8	109.2
116	5.1	3.2	4.8#



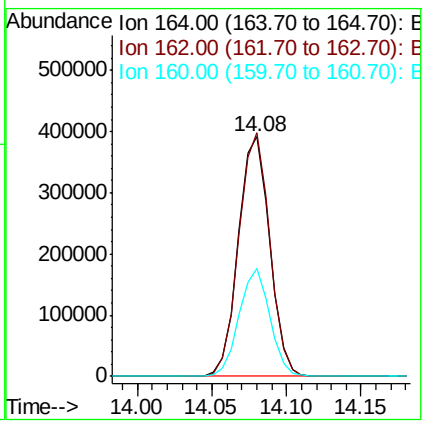


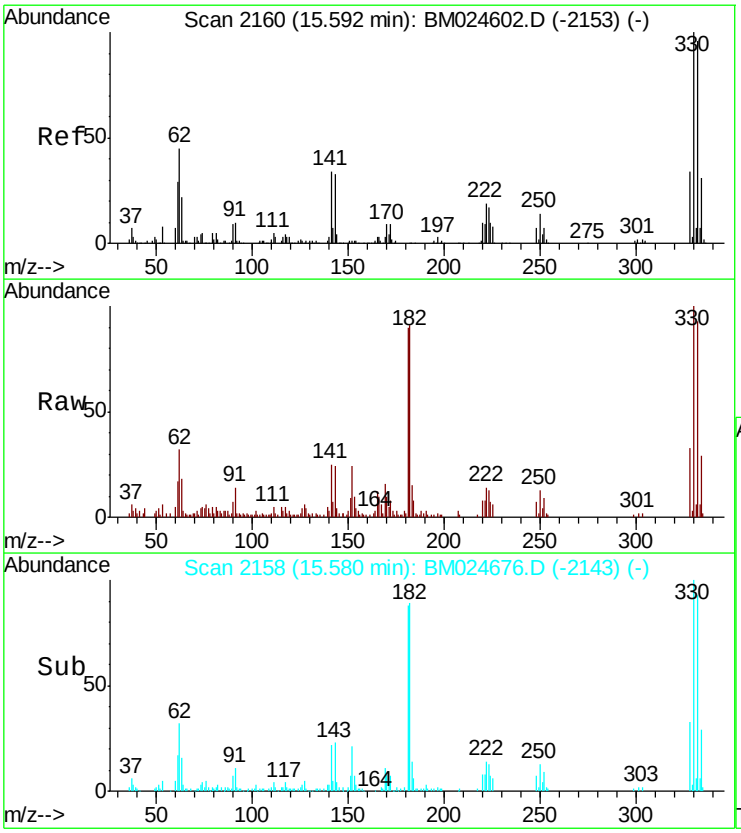
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 570566

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.9	124.3
160	45.0	35.5	53.3

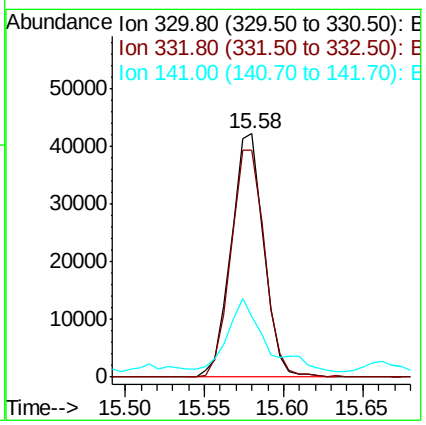


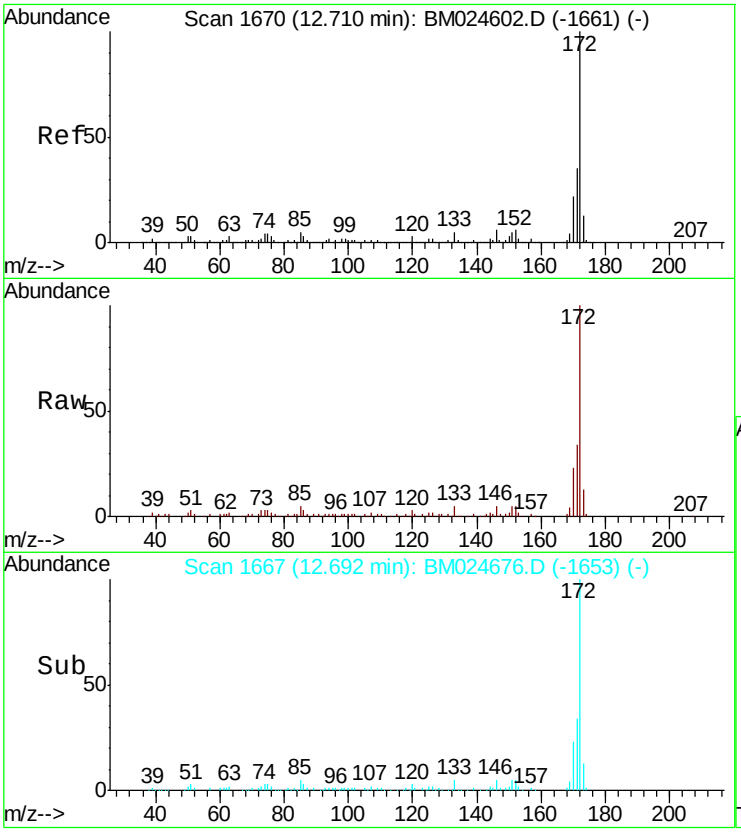


#42
2,4,6-Tribromophenol
Concen: 6.492 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:330 Resp: 60255

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	34.9	26.9	40.3



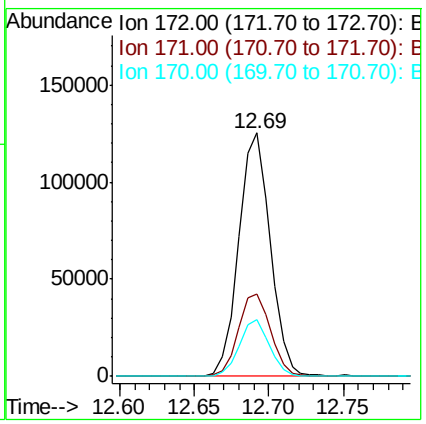


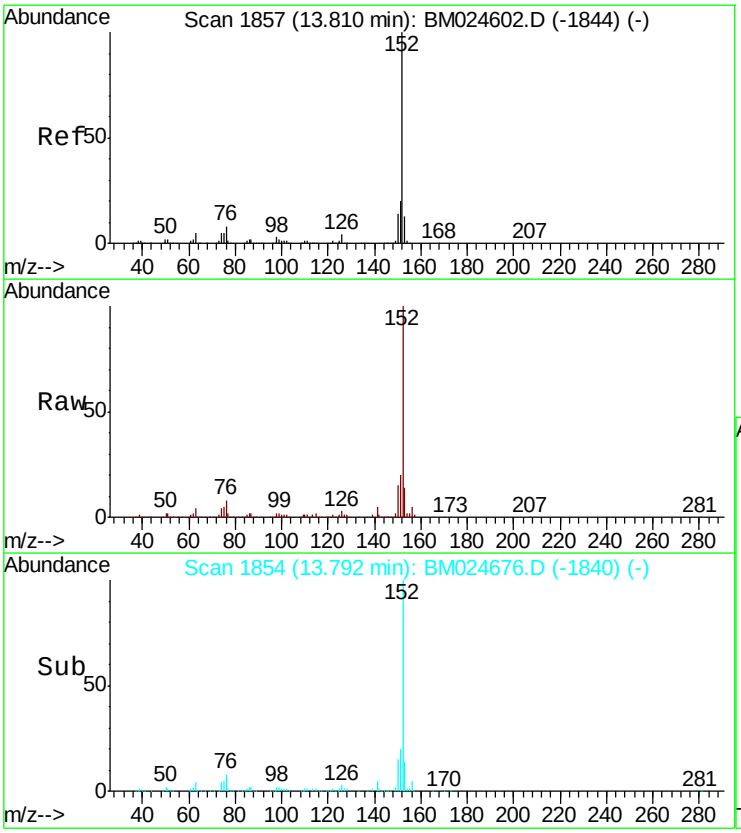
#45
2-Fluorobiphenyl
Concen: 4.372 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 183474

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.3	42.5
170	23.4	17.9	26.9

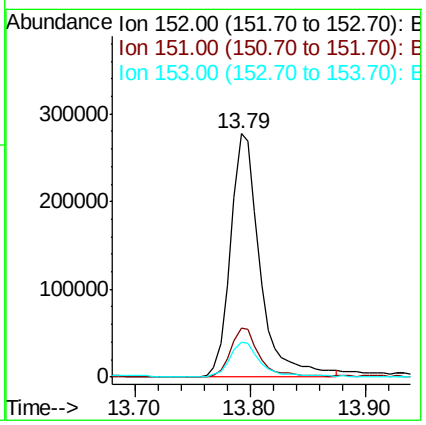


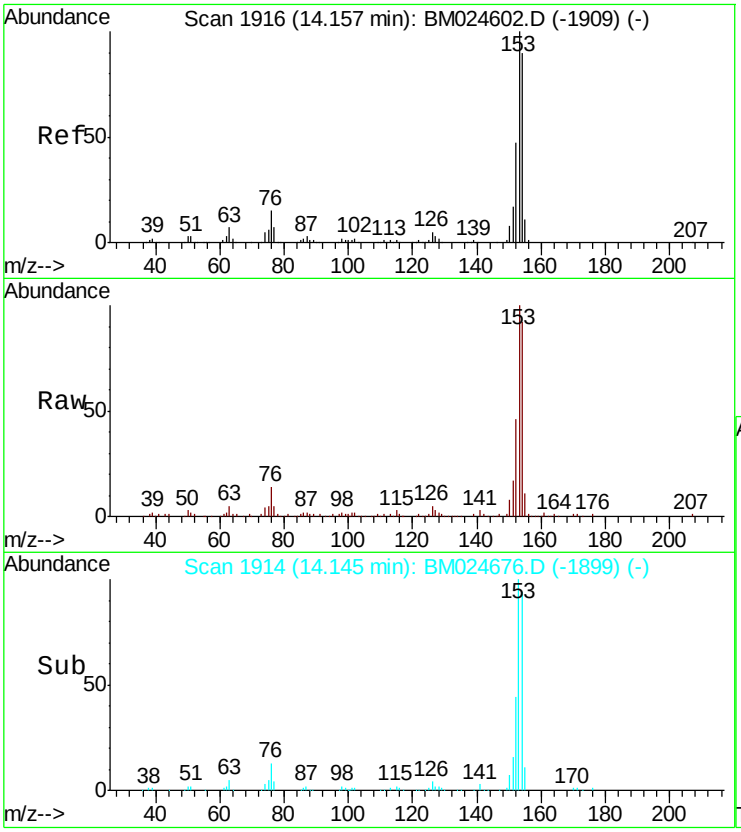


#49
Acenaphthylene
Concen: 9.349 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:152 Resp: 487866

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	14.5	10.4	15.6



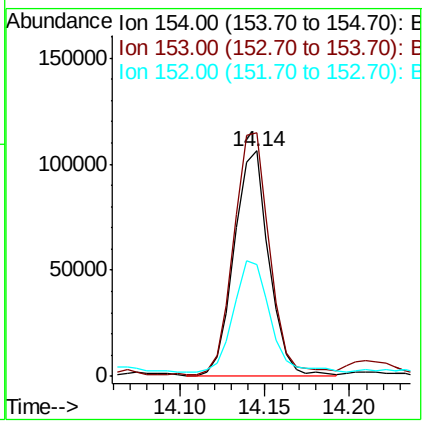


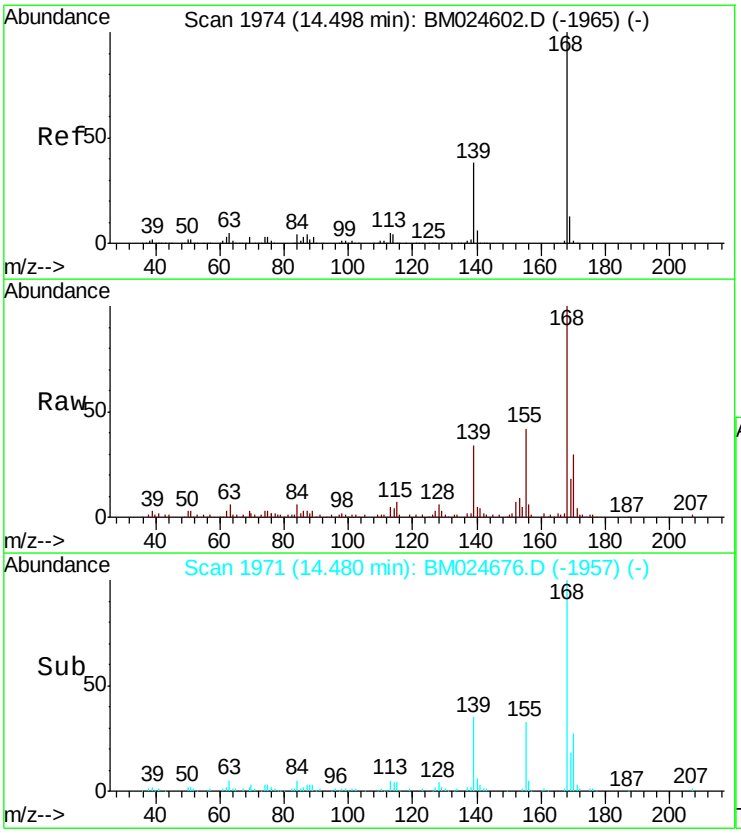
#52
Acenaphthene
Concen: 4.684 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 151673

Ion	Ratio	Lower	Upper
154	100		
153	108.2	89.1	133.7
152	49.8	41.9	62.9

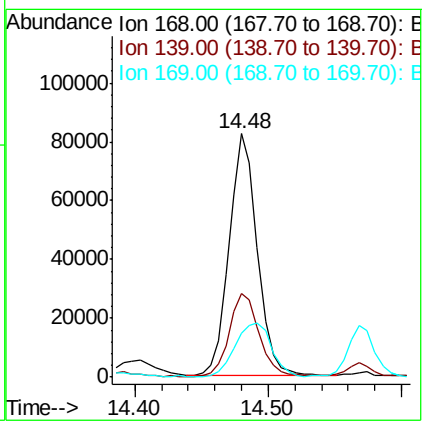


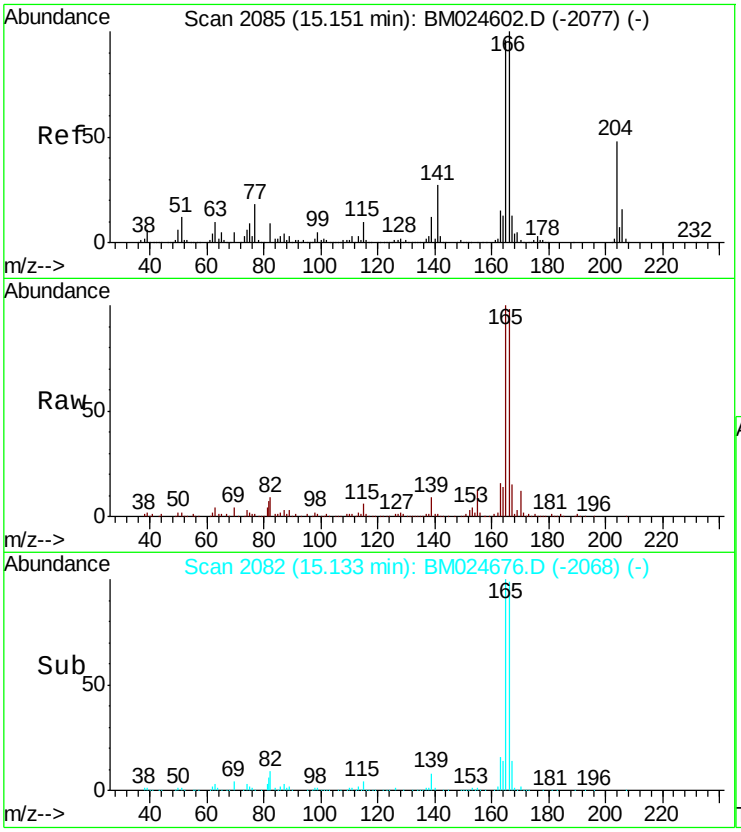


#55
Dibenzofuran
Concen: 2.294 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:168 Resp: 121146

Ion	Ratio	Lower	Upper
168	100		
139	34.1	30.2	45.4
169	18.0	10.7	16.1#



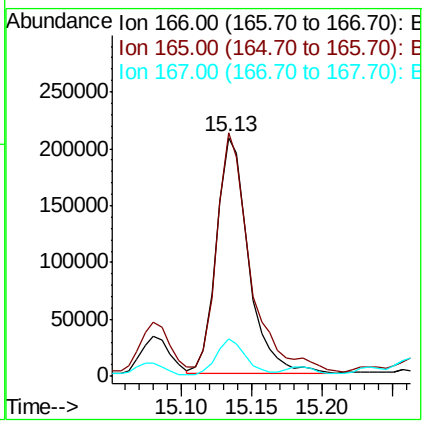


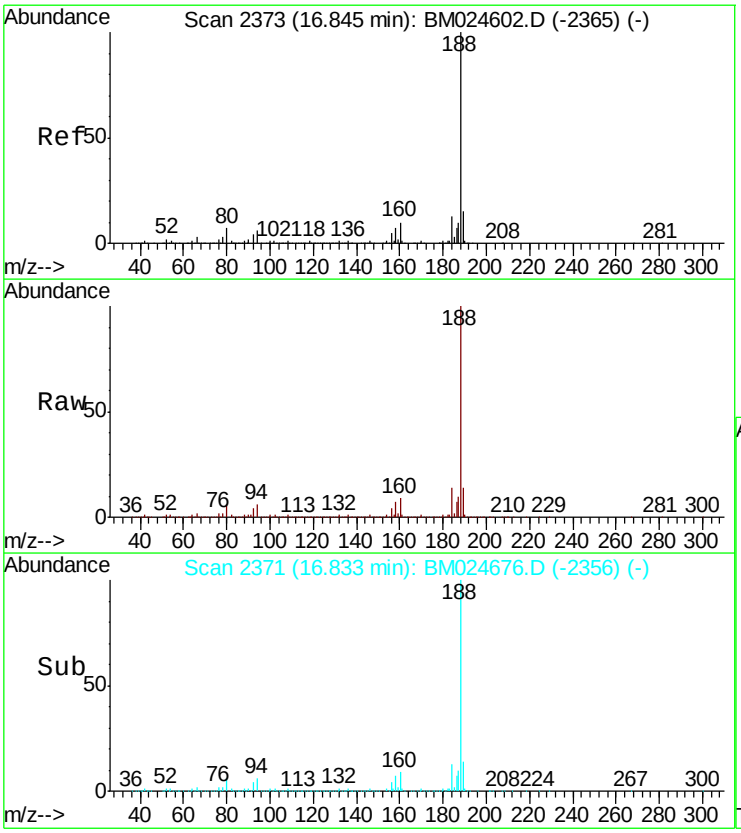
#58
Fluorene
Concen: 7.393 ng
RT: 15.13 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 328094

Ion	Ratio	Lower	Upper
166	100		
165	101.9	76.6	114.8
167	15.6	10.8	16.2

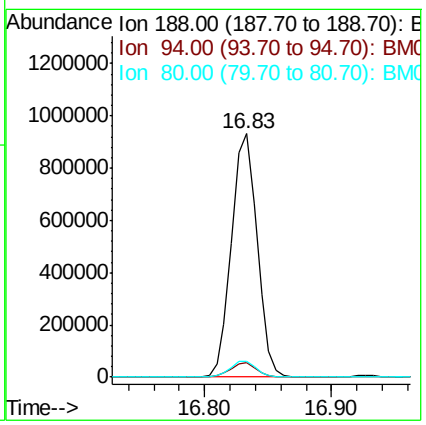


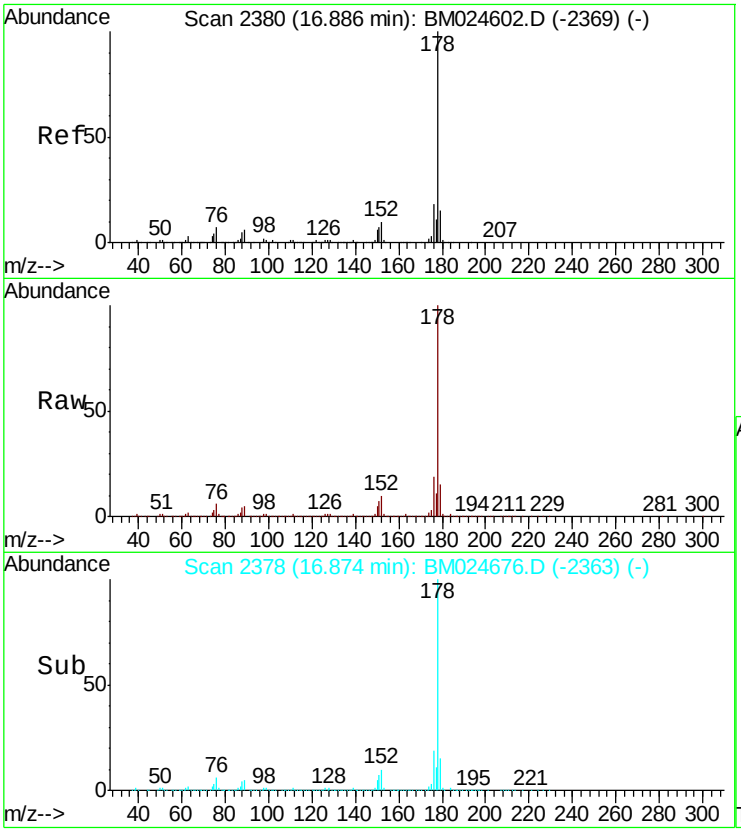


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:188 Resp: 1300159

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.0	7.6
80	6.4	5.8	8.8



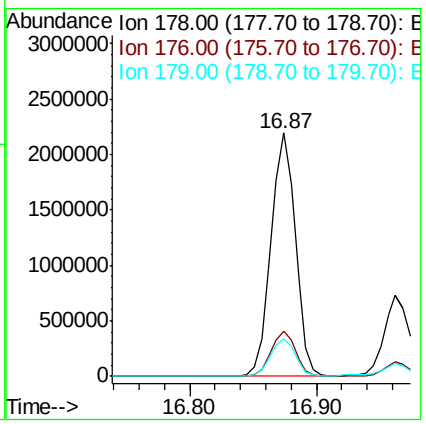


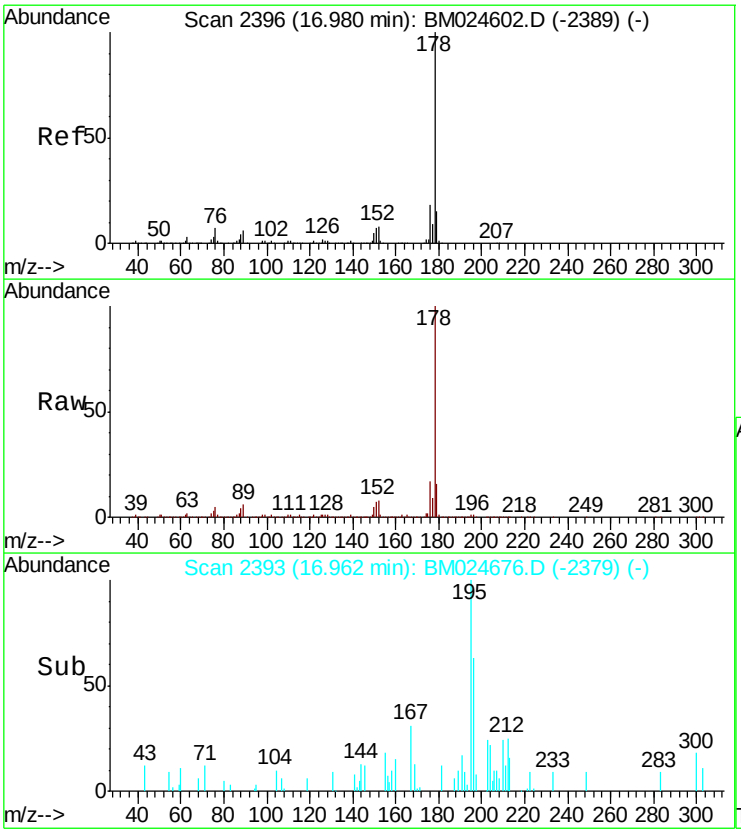
#71
Phenanthrene
Concen: 41.725 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2937666

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.3	11.9	17.9

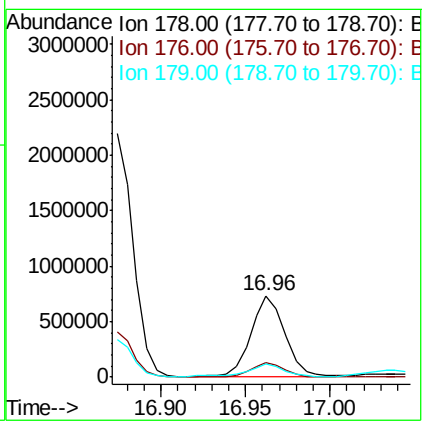


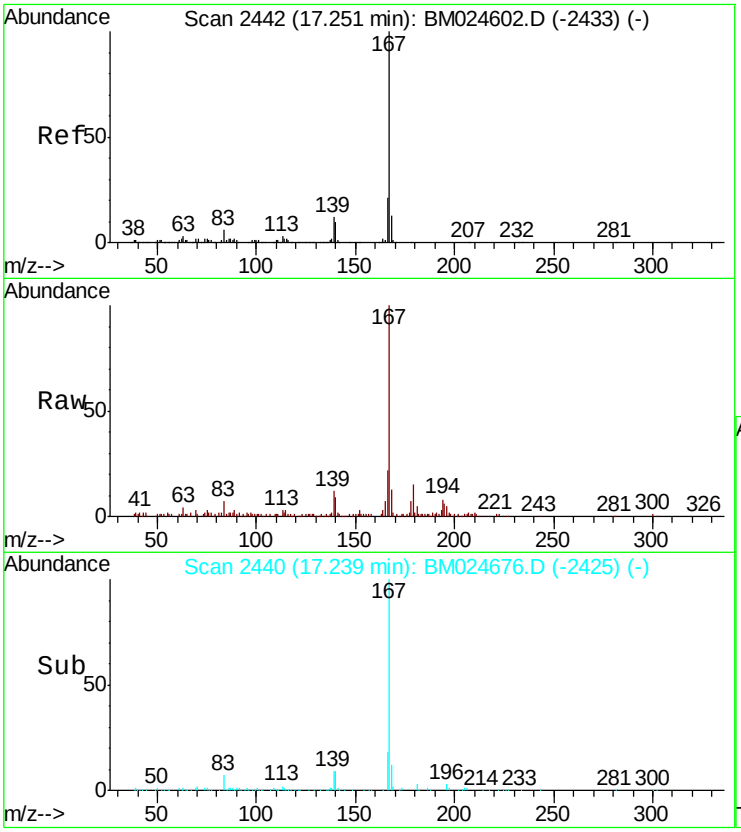


#72
Anthracene
Concen: 14.510 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:178 Resp: 999578

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.3	21.5
179	16.0	12.1	18.1



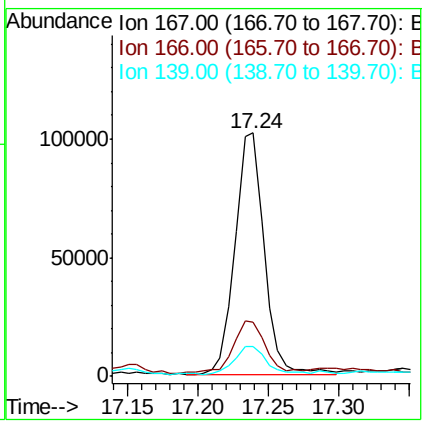


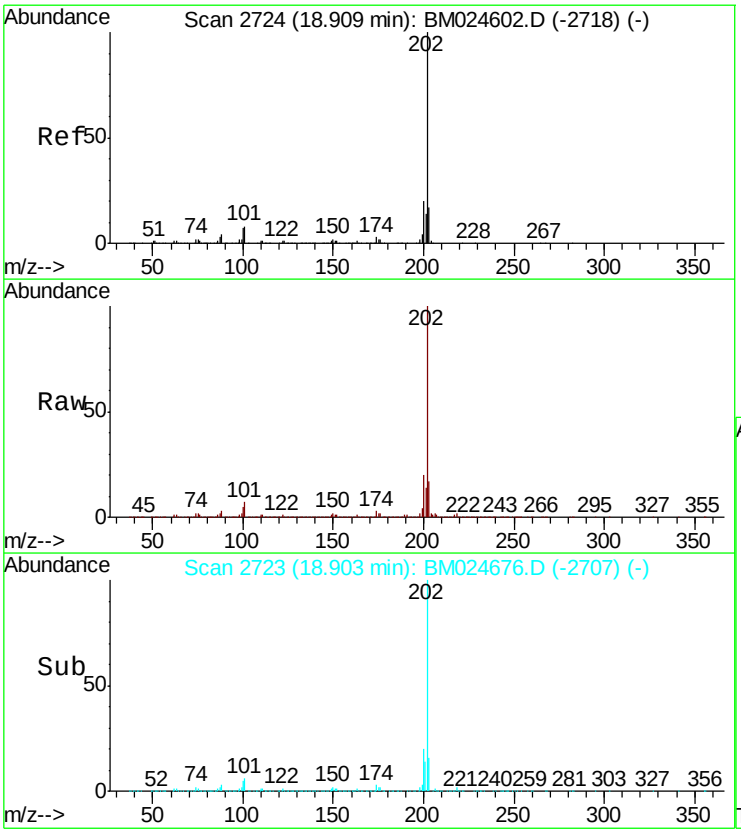
#73
Carbazole
Concen: 2.349 ng
RT: 17.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 147290

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	12.2	9.8	14.8

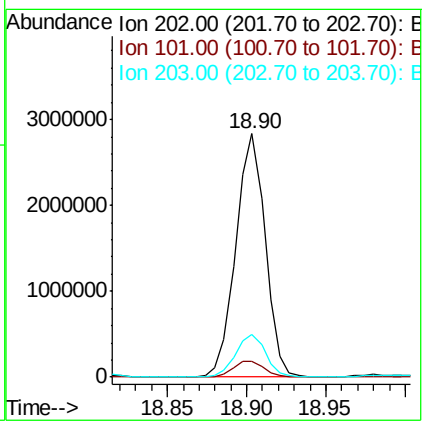


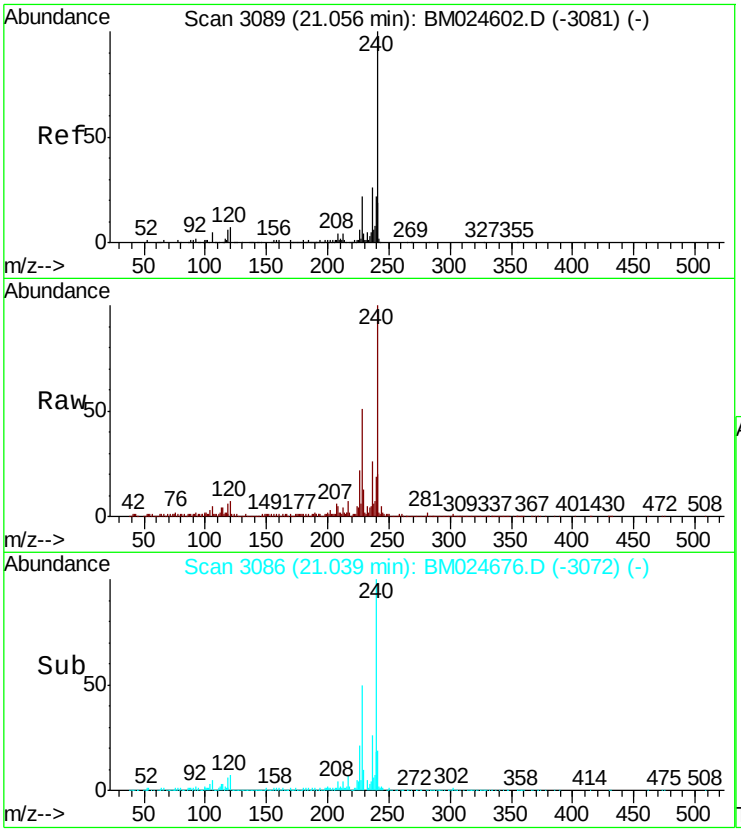


#75
Fluoranthene
Concen: 41.348 ng
RT: 18.90 min Scan# 2723
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:202 Resp: 3633400

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.4
203	17.4	0.0	37.5



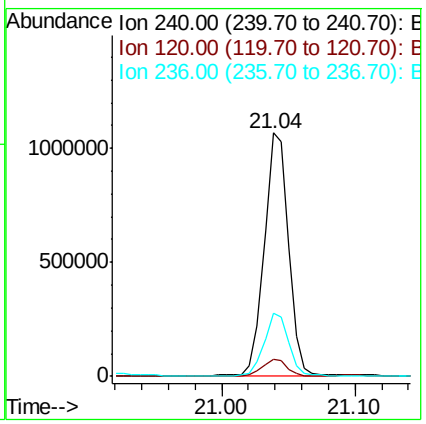


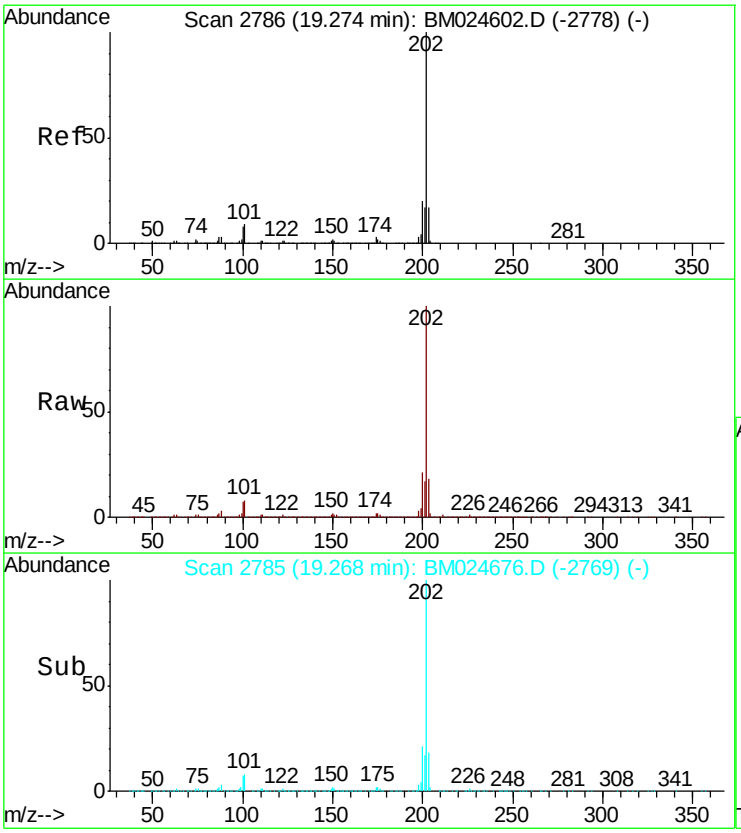
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 1341928

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.3	7.9
236	26.2	20.6	31.0

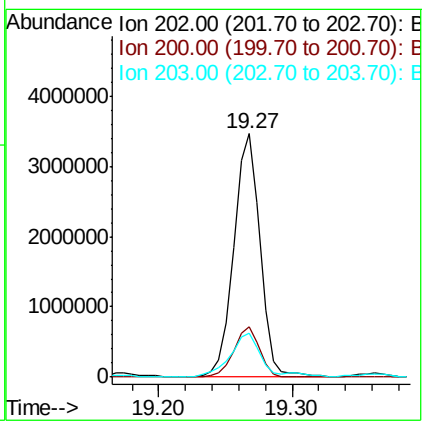


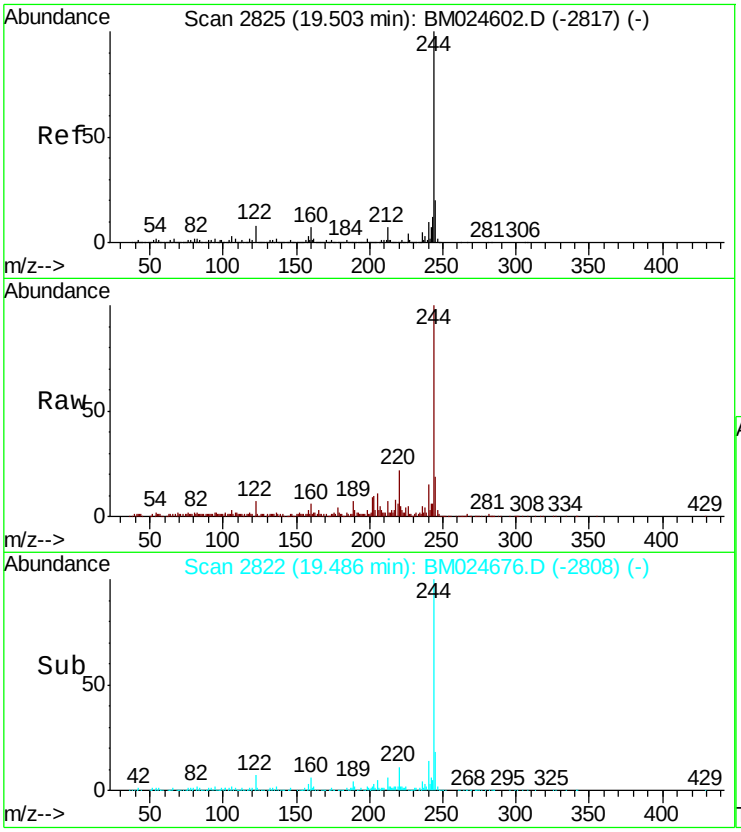


#78
Pyrene
Concen: 53.255 ng
RT: 19.27 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:202 Resp: 4711207

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	17.9	14.0	21.0



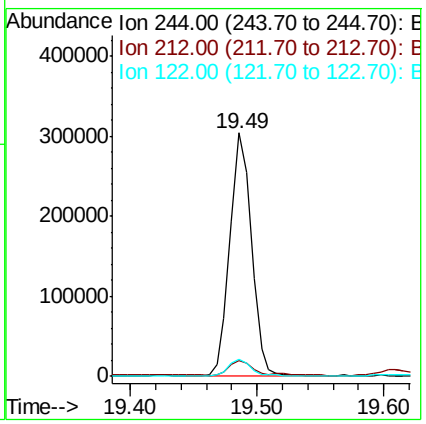


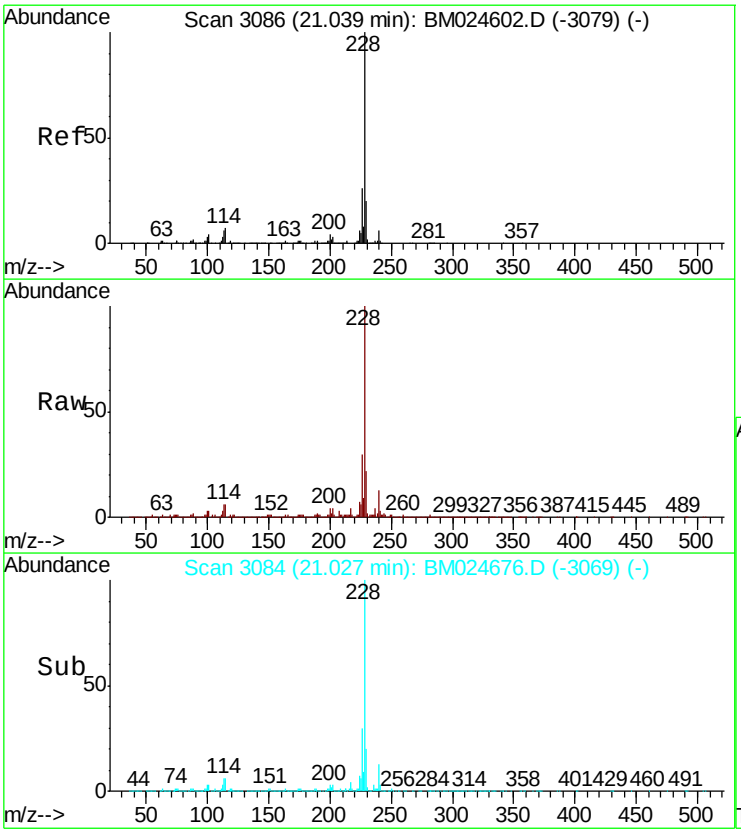
#79
Terphenyl-d14
Concen: 4.967 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 357058

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	6.8	6.2	9.4

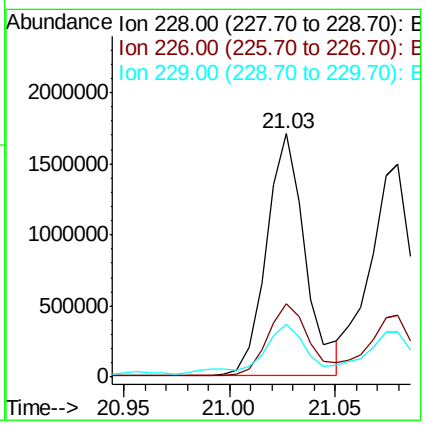


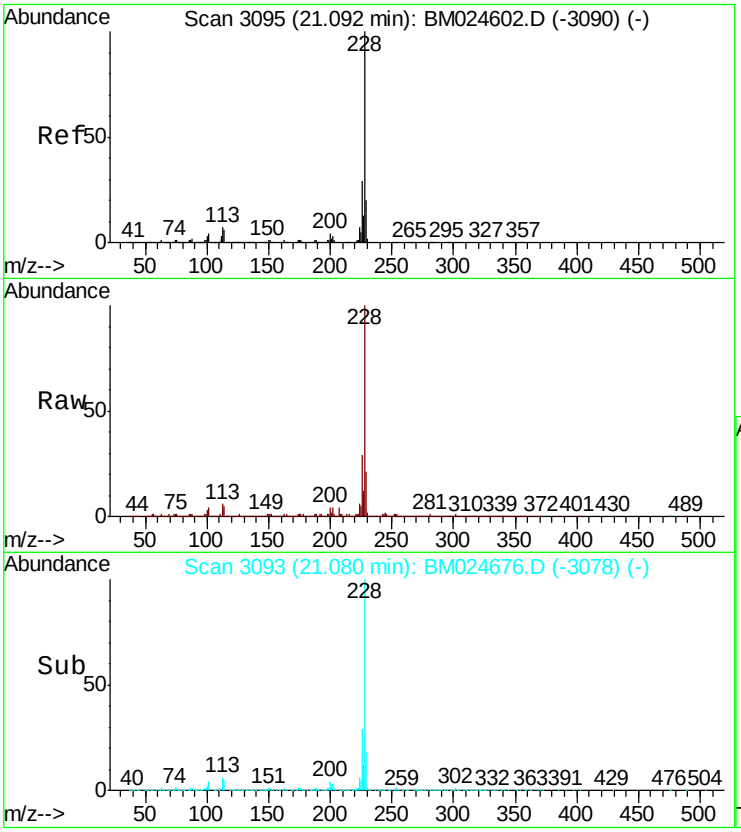


#81
Benzo(a)anthracene
Concen: 23.333 ng
RT: 21.03 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:228 Resp: 2173155

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.1	31.7
229	21.6	15.8	23.6



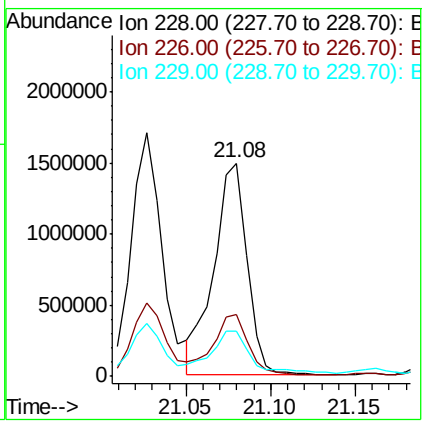


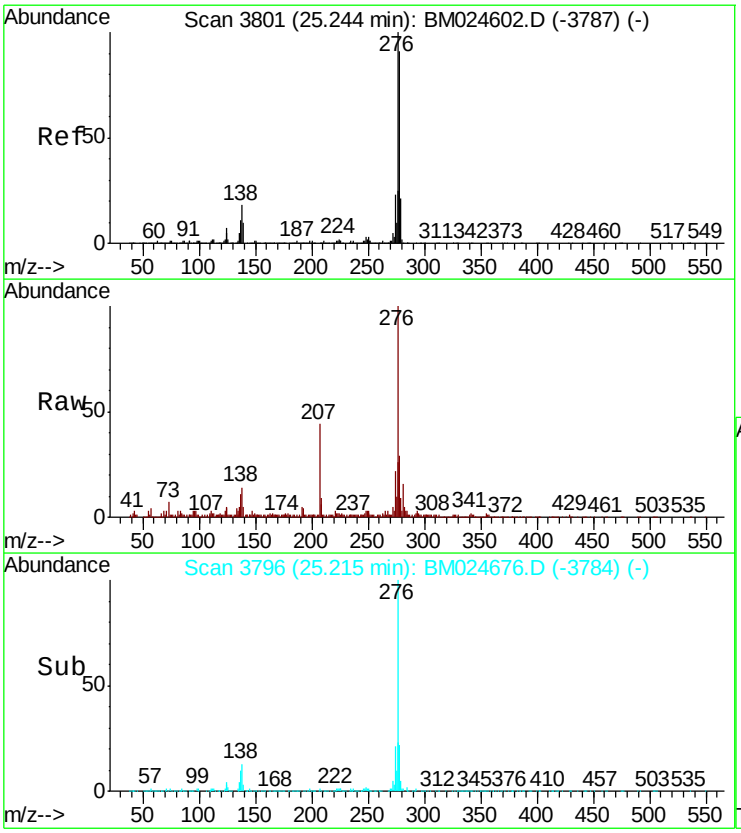
#83
Chrysene
Concen: 22.990 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2043188

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.2	34.8
229	21.4	15.7	23.5

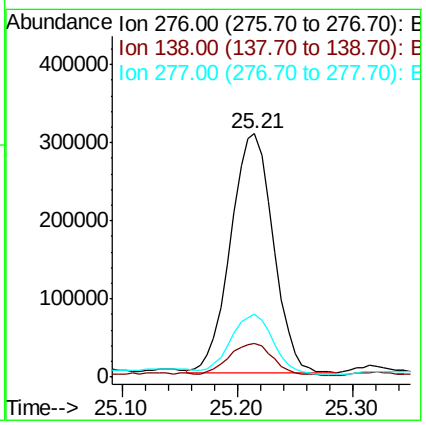


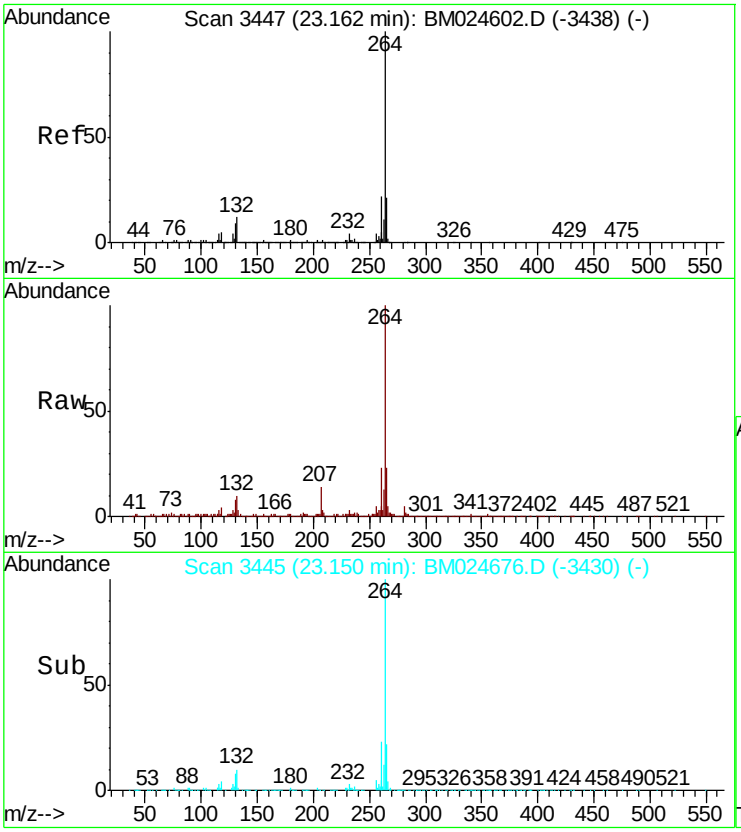


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.057 ng
RT: 25.21 min Scan# 3796
Delta R.T. -0.03 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:276 Resp: 780460

Ion	Ratio	Lower	Upper
276	100		
138	13.8	13.4	20.0
277	25.2	19.6	29.4



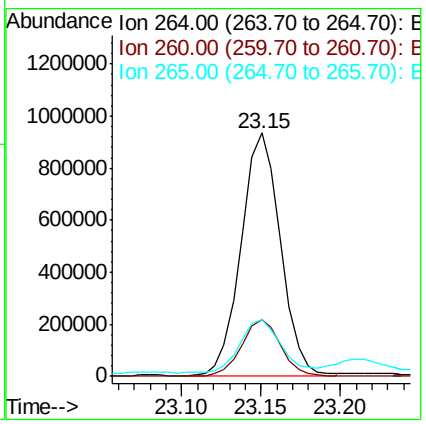


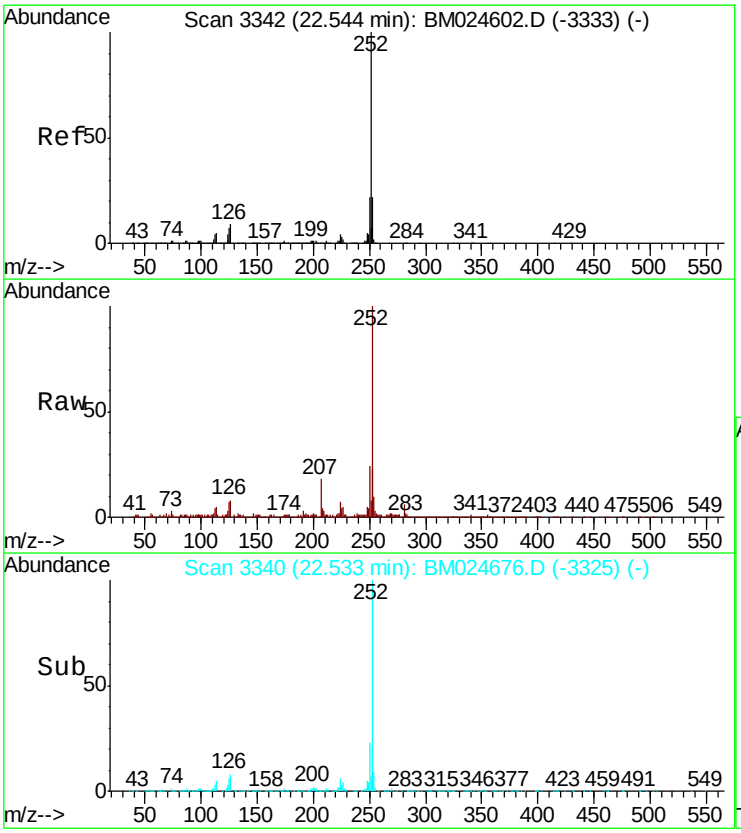
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1608662

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	23.1	17.3	25.9

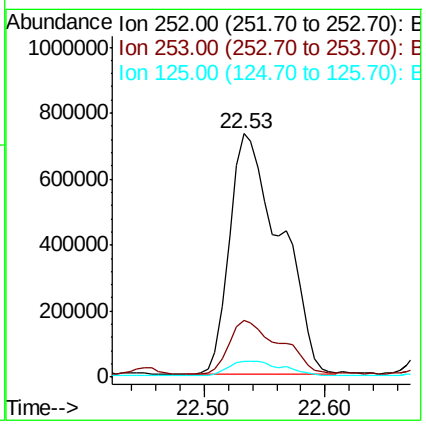


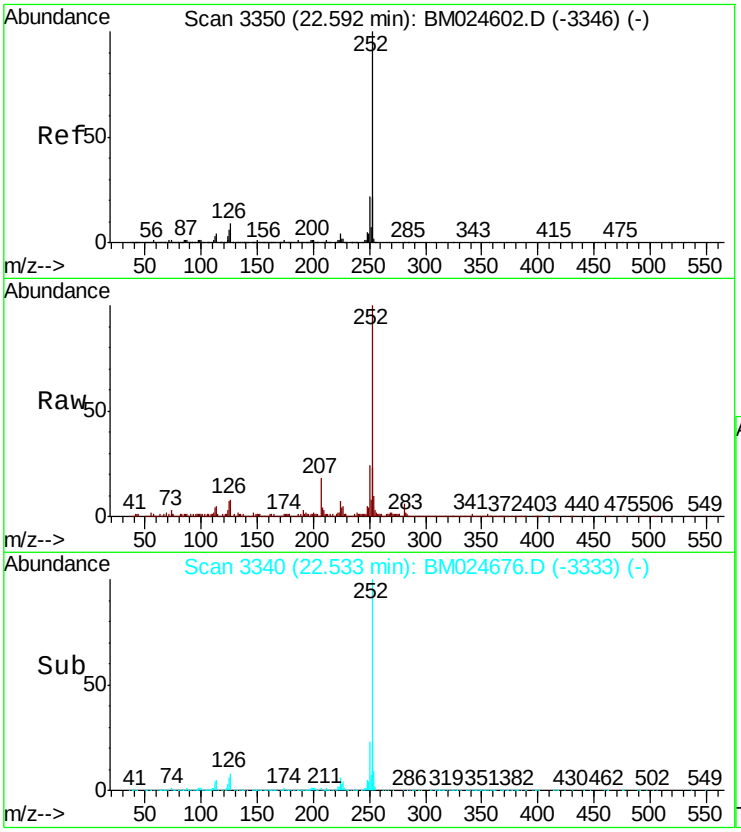


#88
Benzo(b)fluoranthene
Concen: 20.574 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:252 Resp: 2146536

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	6.7	5.7	8.5



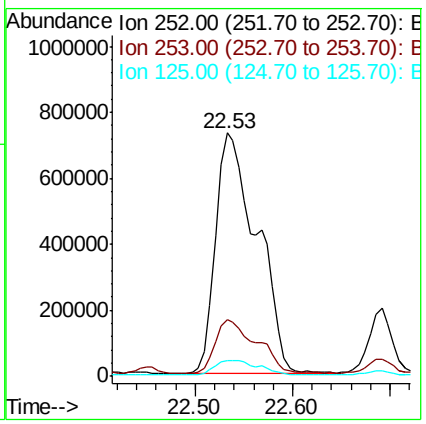


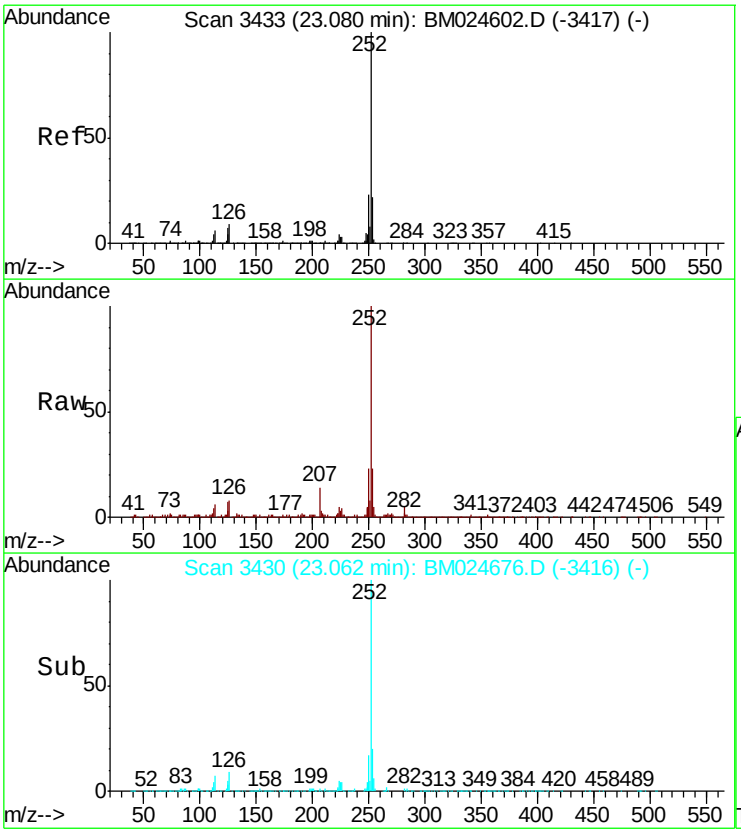
#89
Benzo(k)fluoranthene
Concen: 21.105 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.06 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2149374

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	6.7	5.2	7.8

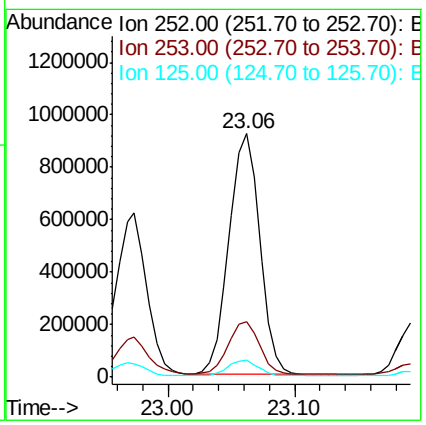


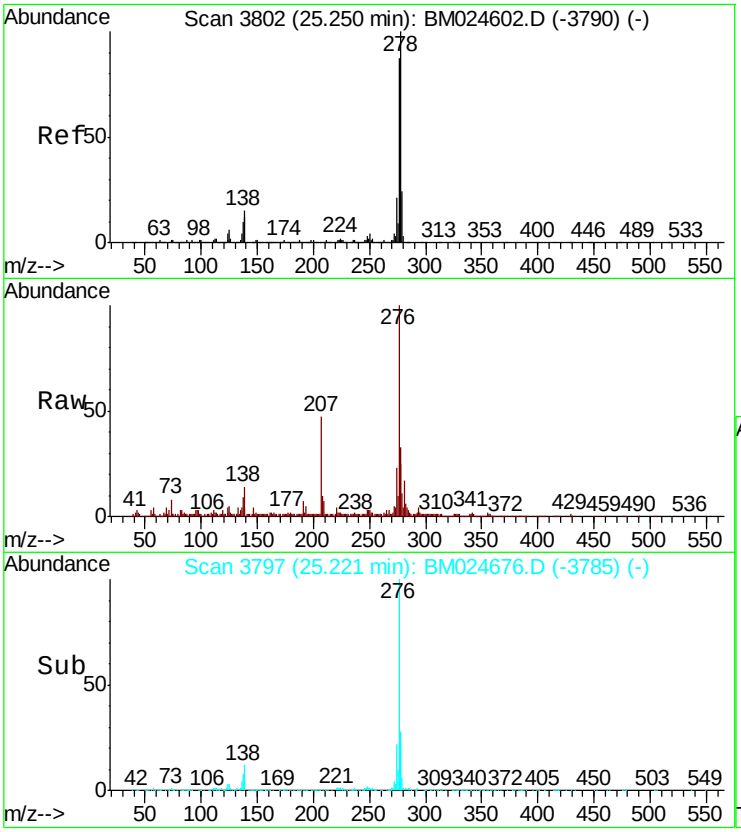


#90
Benzo(a)pyrene
Concen: 16.373 ng
RT: 23.06 min Scan# 3430
Delta R.T. -0.02 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:252 Resp: 1553085

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	6.8	5.8	8.8



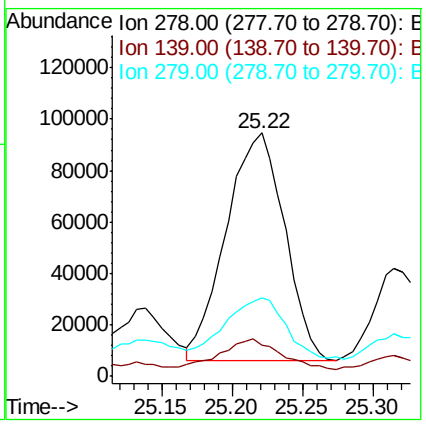


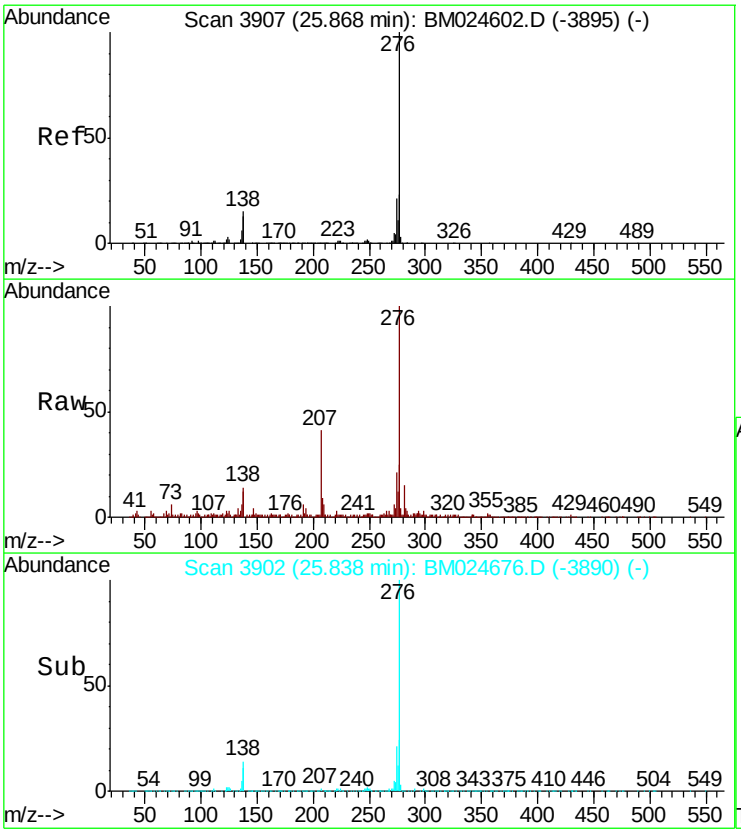
#91
Dibenzo(a,h)anthracene
Concen: 2.846 ng
RT: 25.22 min Scan# 3797
Delta R.T. -0.03 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 256223

Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.3	13.9
279	32.0	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 10.861 ng
RT: 25.84 min Scan# 3902
Delta R.T. -0.03 min
Lab File: BM024676.D
Acq: 31 Jan 2020 01:42

Tgt Ion:276 Resp: 887893

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	14.3	11.9	17.9