Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024675.D
Acq On : 31 Jan 2020 01:06
Operator : CG/JU
Sample : L1287-03 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 31 02:22:28 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	200593	20.00	ng		-0.02
21) Naphthalene-d8	10.19	136	774531	20.00	ng		-0.02
39) Acenaphthene-d10	14.08	164	524672	20.00	ng		-0.01
64) Phenanthrene-d10	16.83	188	1199763	20.00	ng		-0.01
76) Chrysene-d12	21.04	240	1321362	20.00	ng		-0.02
87) Perylene-d12	23.15	264	1588560	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	172213	16.33	ng		-0.01
7) Phenol-d6	6.63	99	220180	15.15	ng		-0.02
23) Nitrobenzene-d5	8.56	82	138759	8.79	ng		-0.02
42) 2,4,6-Tribromophenol	15.57	330	143264	16.79	ng		-0.02
45) 2-Fluorobiphenyl	12.69	172	384491	9.96	ng		-0.02
79) Terphenyl-d14	19.49	244	720699	10.18	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	10.23	128	241269	6.167	ng		100
37) 2-Methylnaphthalene	11.86	142	402904	13.346	ng		98
38) 1-Methylnaphthalene	12.09	142	829451	28.884	ng		97
49) Acenaphthylene	13.79	152	485465	10.117	ng		98
52) Acenaphthene	14.14	154	678515	22.787	ng		99
55) Dibenzofuran	14.48	168	98326	2.025	ng	#	93
58) Fluorene	15.13	166	708292	17.356	ng		98
71) Phenanthrene	16.87	178	3124929	48.099	ng		98
72) Anthracene	16.96	178	1106490	17.406	ng		99
75) Fluoranthene	18.90	202	2057183	25.370	ng		98
78) Pyrene	19.27	202	2858991	32.821	ng		100
81) Benzo(a)anthracene	21.07	228	1096113	11.952	ng		95
83) Chrysene	21.07	228	1179109	13.474	ng		98
84) Bis(2-ethylhexyl)phthalate	21.00	149	1678548	31.123	ng		97
86) Indeno(1,2,3-cd)pyrene	25.21	276	483621	5.070	ng		97
88) Benzo(b)fluoranthene	22.53	252	1401610	13.604	ng		97
89) Benzo(k)fluoranthene	22.53	252	1396707	13.888	ng	#	96
90) Benzo(a)pyrene	23.06	252	982946	10.493	ng		97
92) Benzo(g,h,i)perylene	25.84	276	475547	5.891	ng		97

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

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Acq On : 31 Jan 2020 01:06
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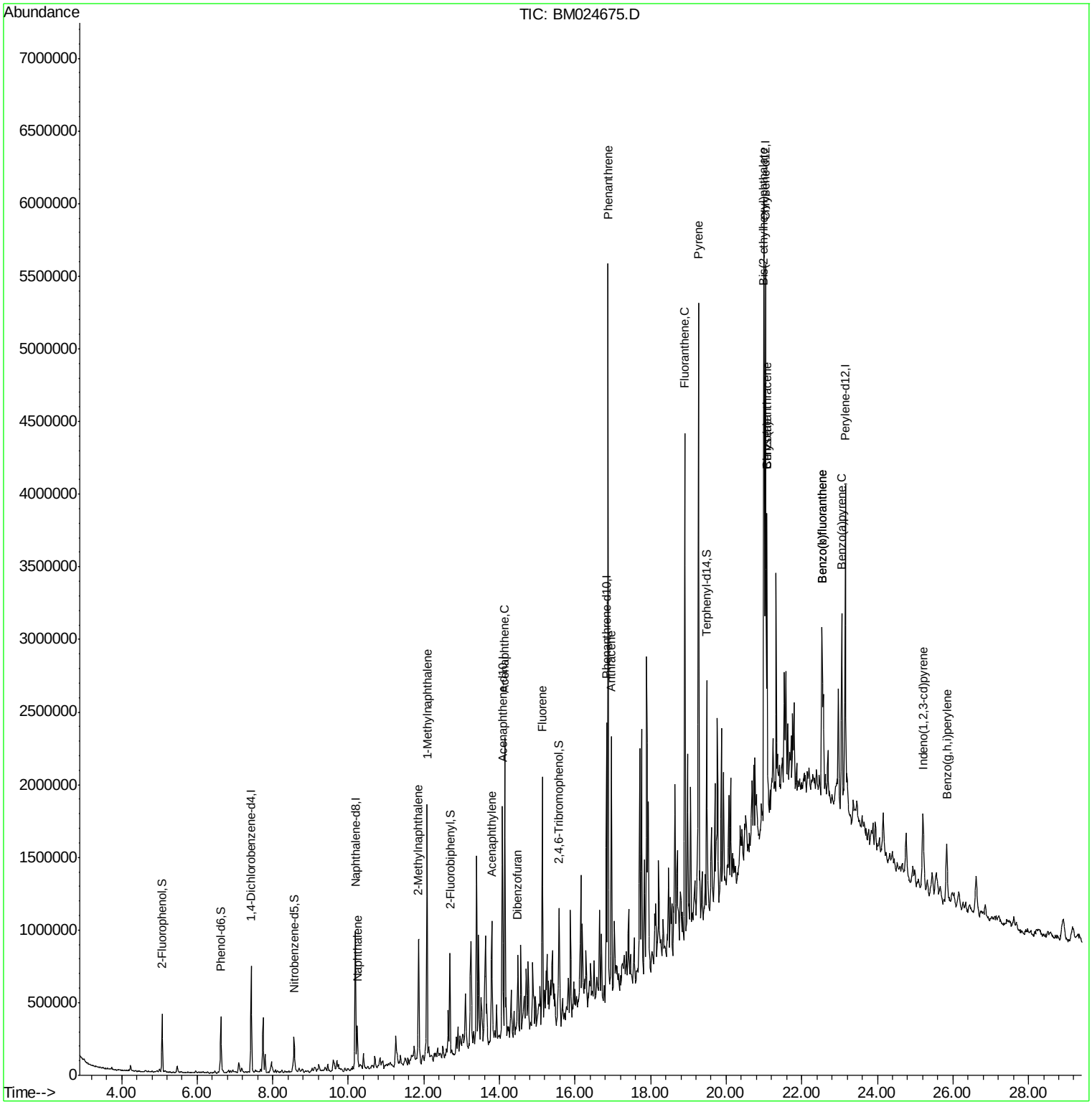
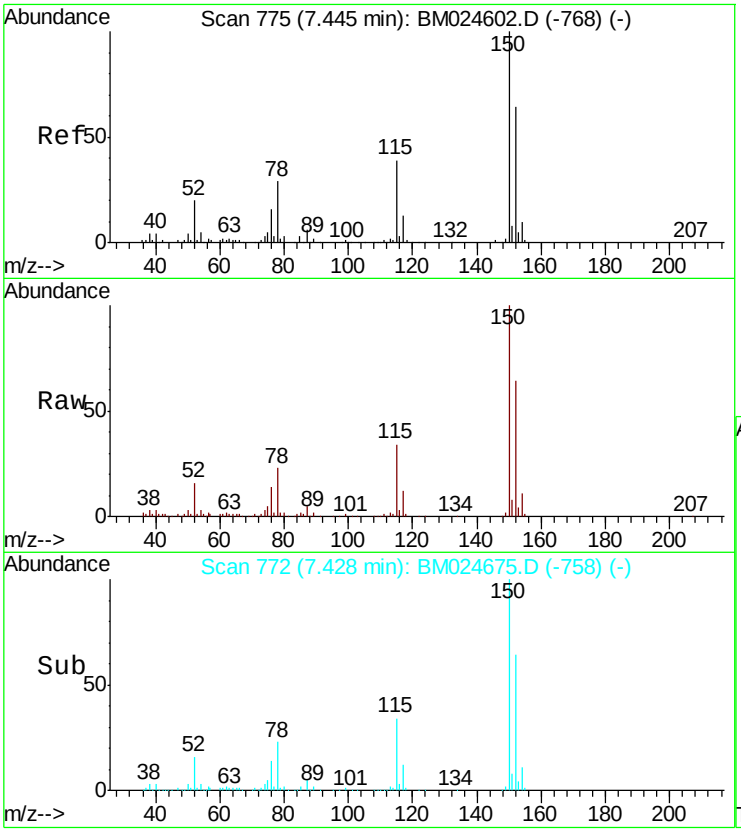


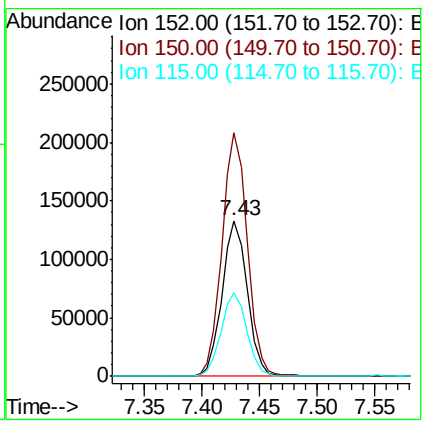


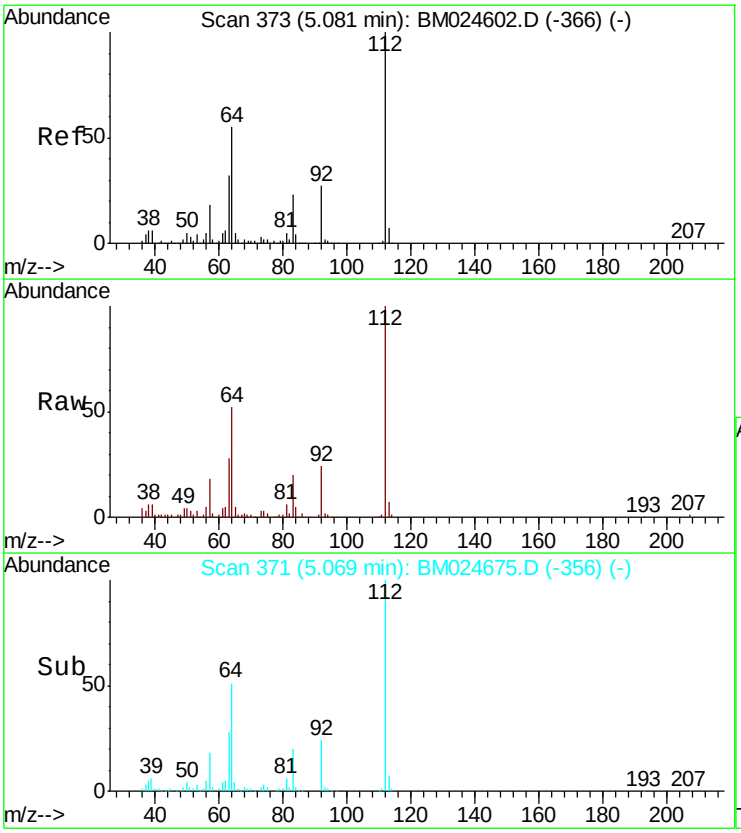
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 200593

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	53.6	48.6	72.8

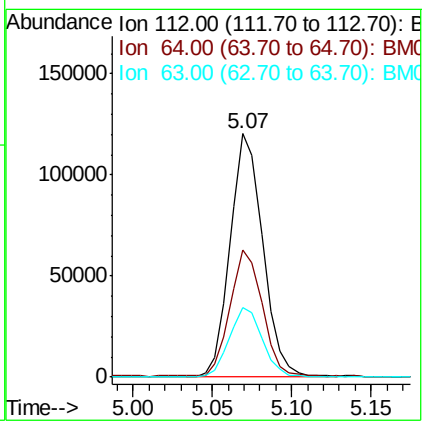


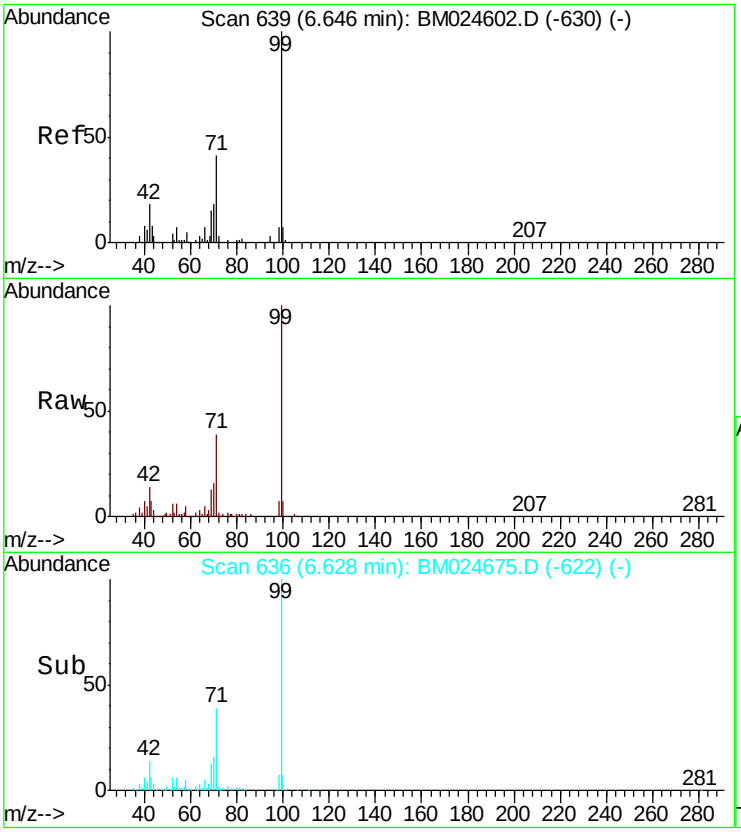


#5
2-Fluorophenol
Concen: 16.327 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:112 Resp: 172213

Ion	Ratio	Lower	Upper
112	100		
64	52.0	44.2	66.4
63	28.5	25.9	38.9



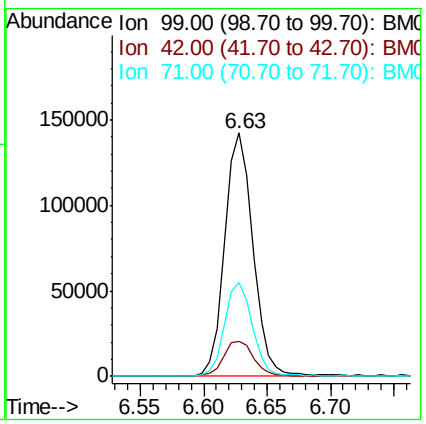


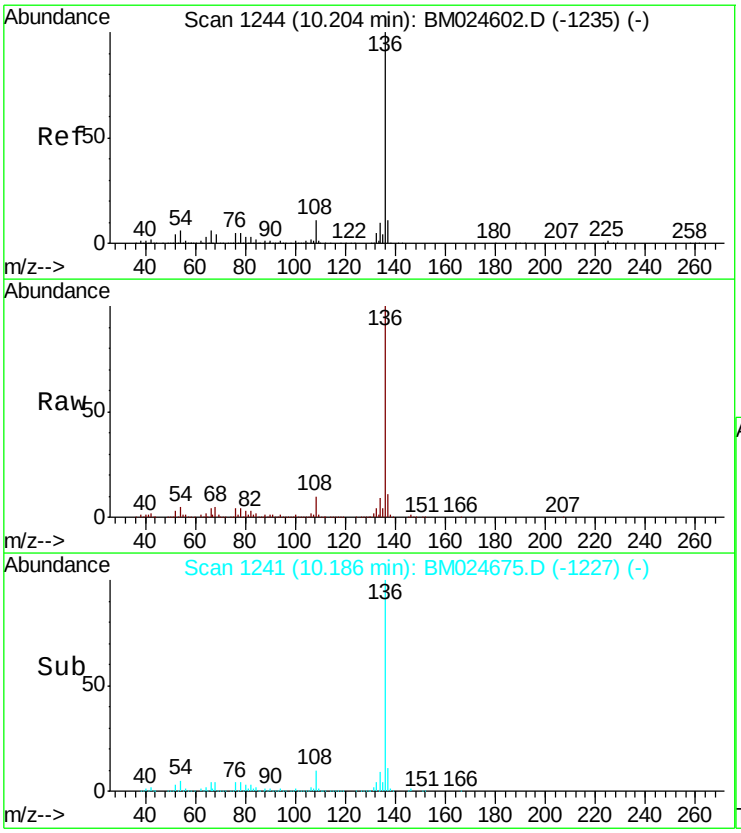
#7
Phenol-d6
Concen: 15.153 ng
RT: 6.63 min Scan# 636
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 220180

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.1	21.1
71	38.6	33.0	49.6

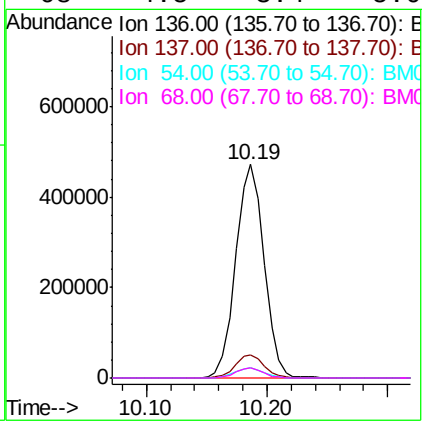


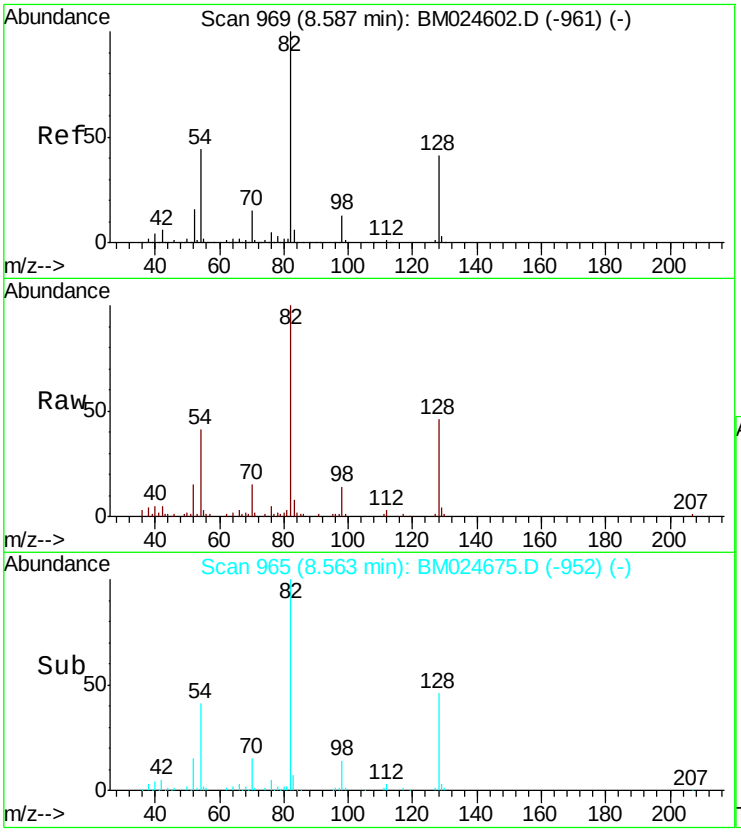


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:136 Resp: 774531

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	4.6	4.5	6.7
68	4.5	3.4	5.0



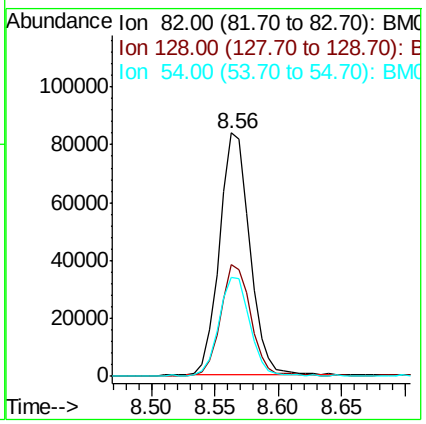


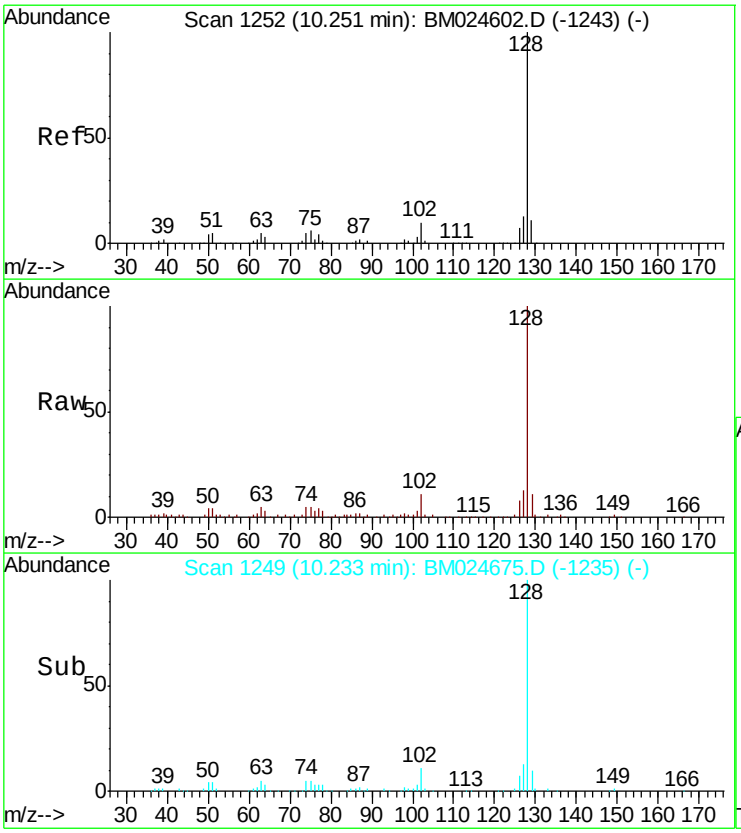
#23
Nitrobenzene-d5
Concen: 8.786 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 138759

Ion	Ratio	Lower	Upper
82	100		
128	45.8	32.6	48.8
54	40.9	34.8	52.2

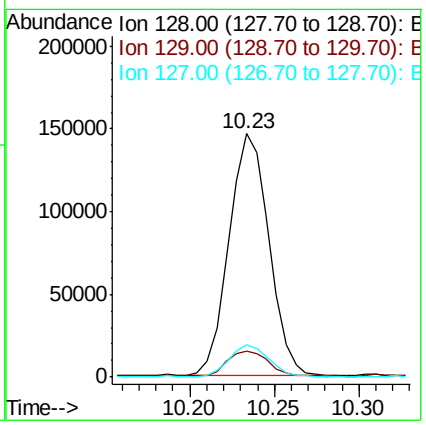


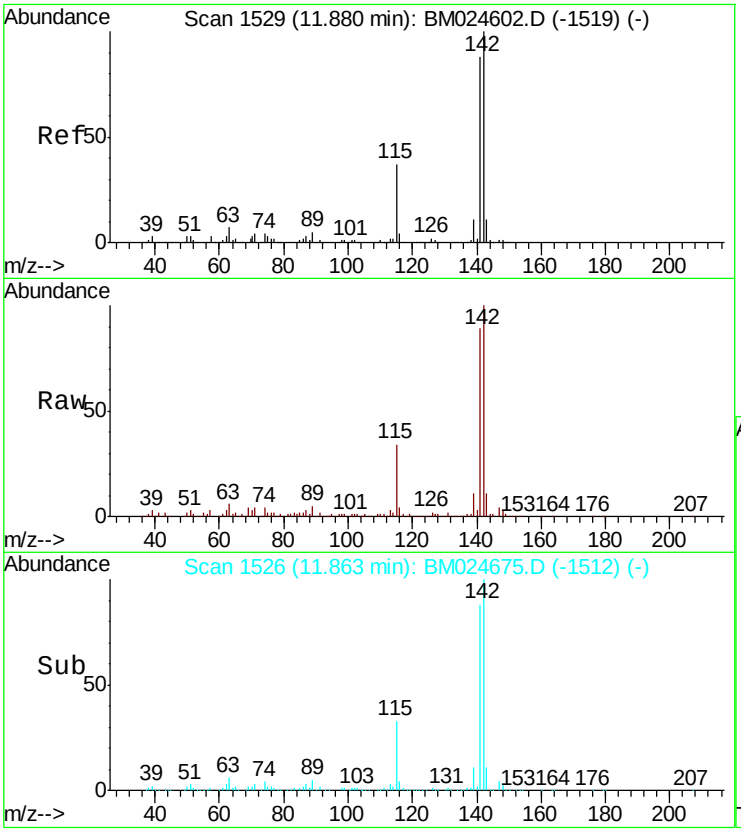


#31
Naphthalene
Concen: 6.167 ng
RT: 10.23 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:128 Resp: 241269

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.6	15.8



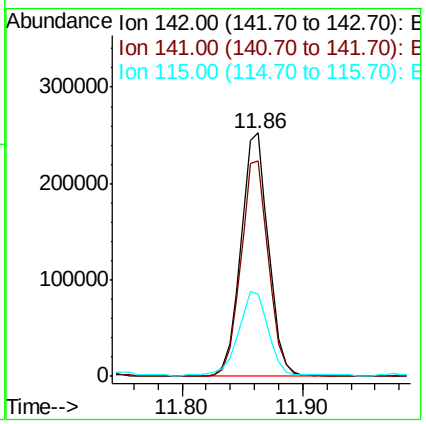


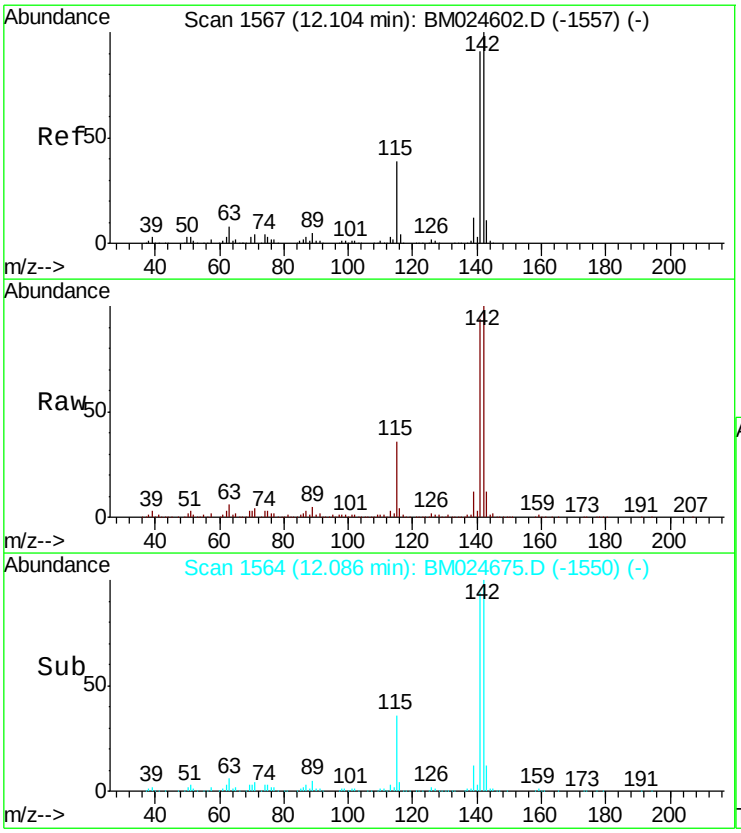
#37
2-Methylnaphthalene
Concen: 13.346 ng
RT: 11.86 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 402904

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.2
115	33.6	29.7	44.5

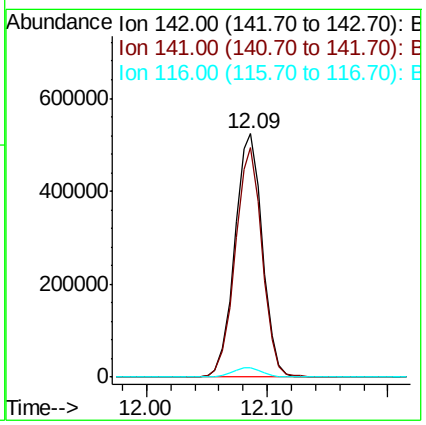


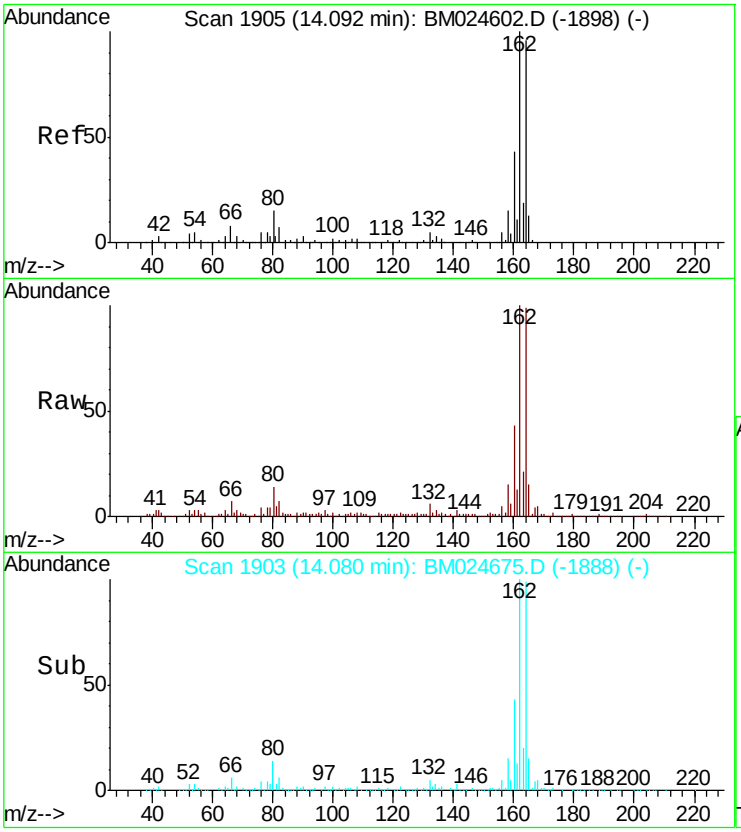


#38
1-Methylnaphthalene
Concen: 28.884 ng
RT: 12.09 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:142 Resp: 829451

Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.8	109.2
116	3.9	3.2	4.8



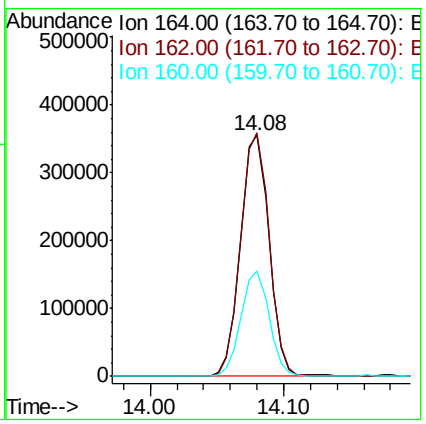


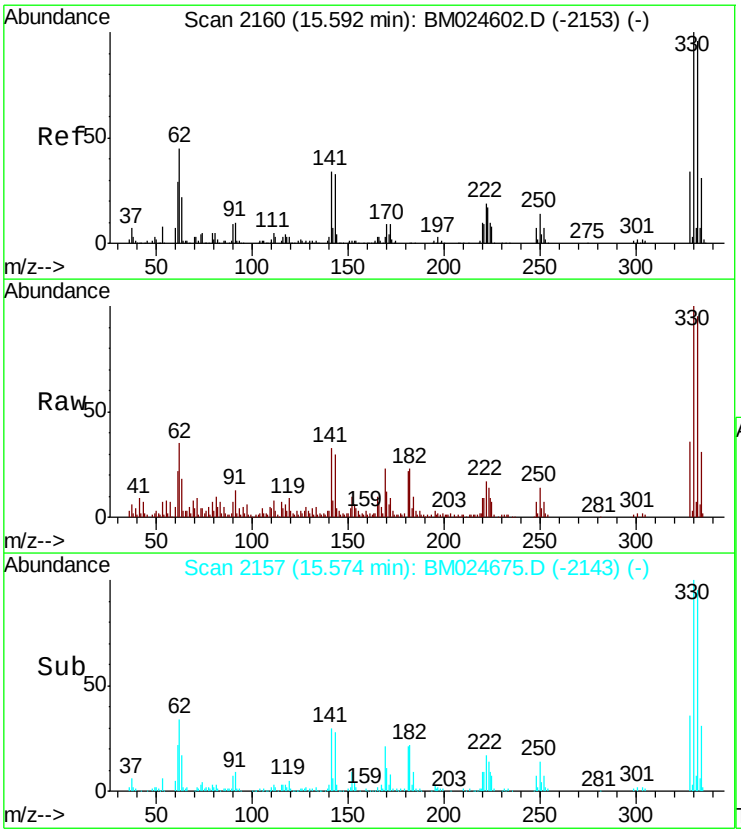
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 524672

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.9	124.3
160	43.9	35.5	53.3

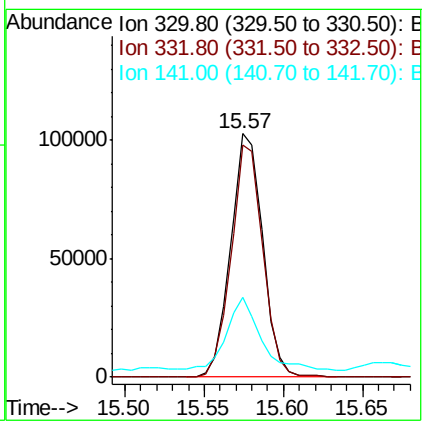


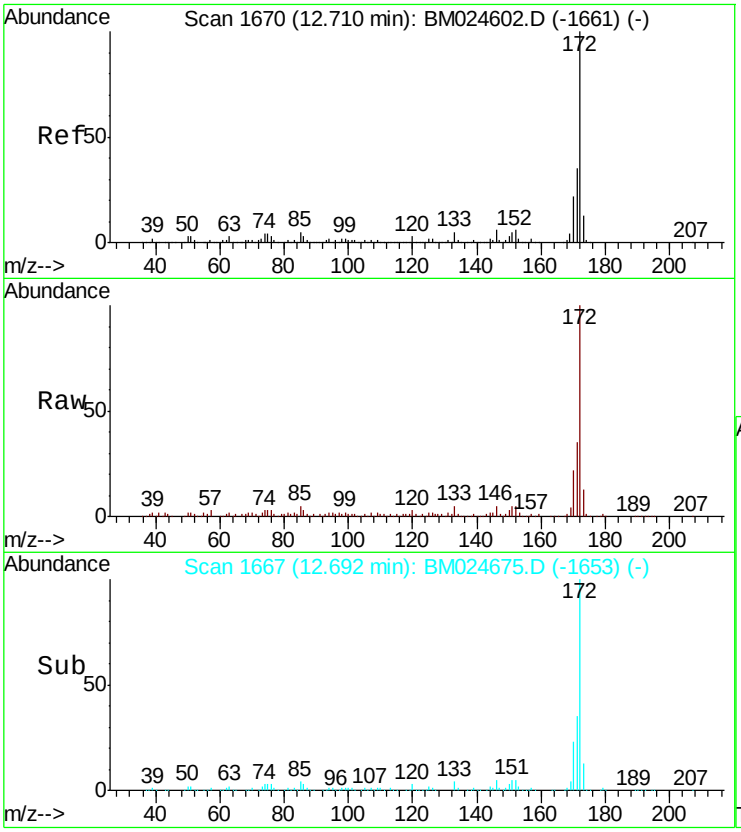


#42
2,4,6-Tribromophenol
Concen: 16.786 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:330 Resp: 143264

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.2	115.8
141	31.2	26.9	40.3



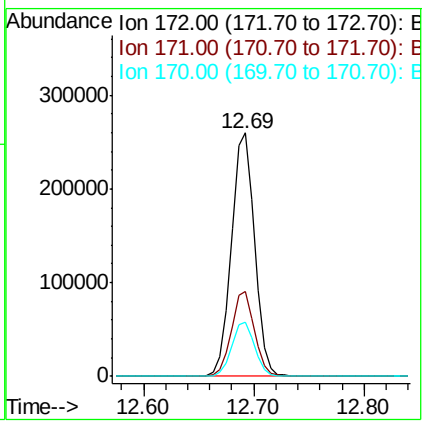


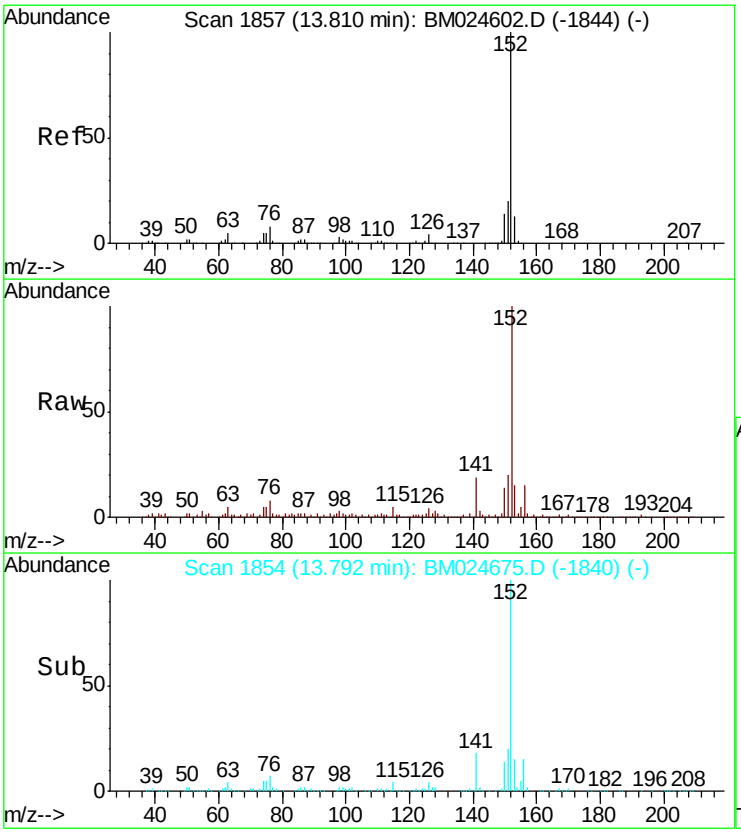
#45
2-Fluorobiphenyl
Concen: 9.963 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 384491

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.5	17.9	26.9

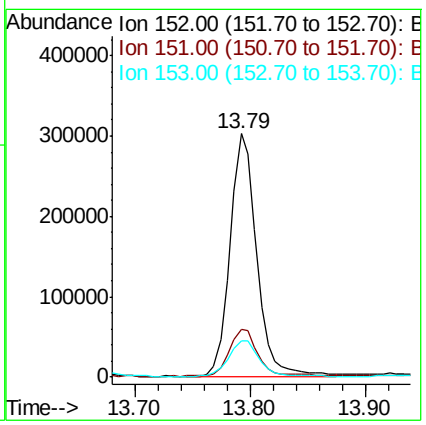


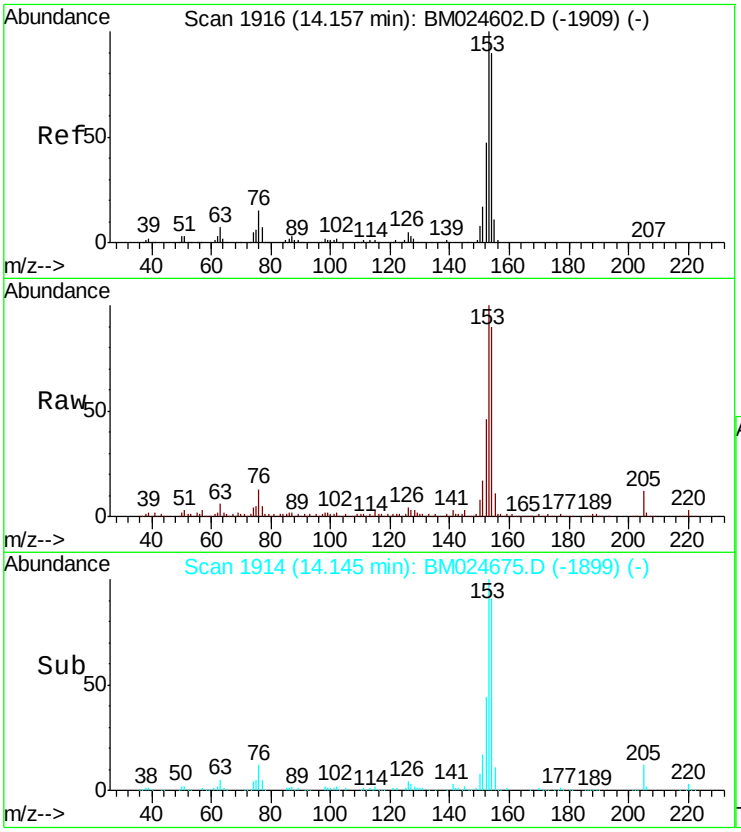


#49
Acenaphthylene
Concen: 10.117 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:152 Resp: 485465

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	15.1	10.4	15.6



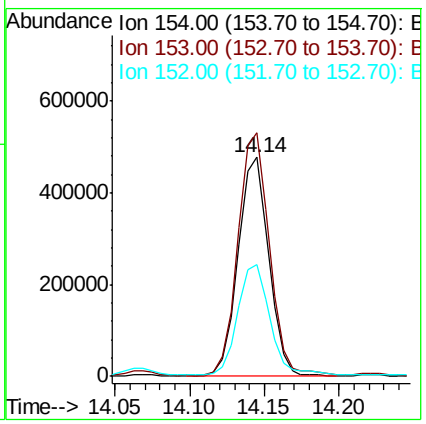


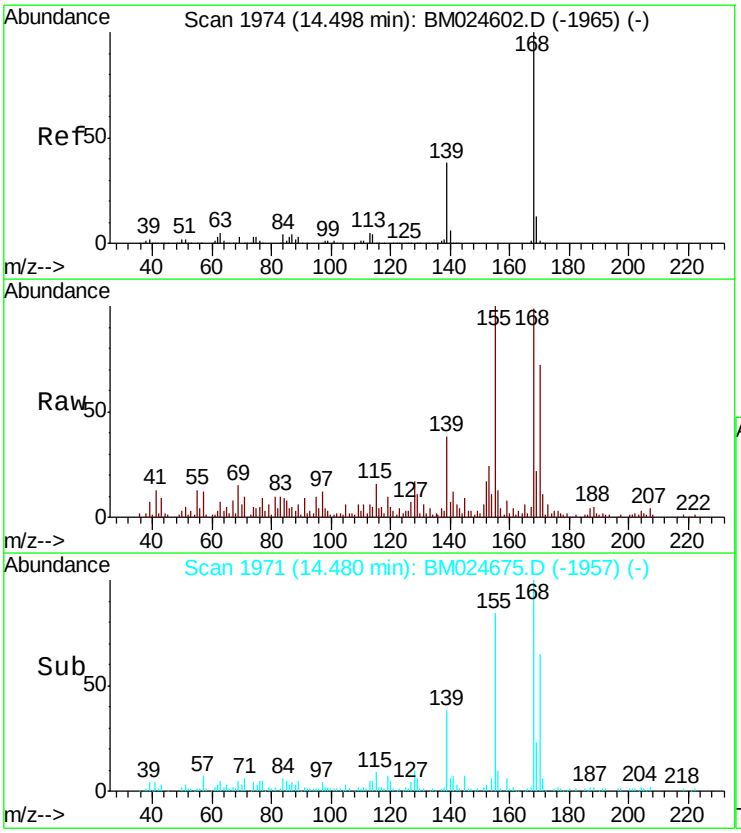
#52
Acenaphthene
Concen: 22.787 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 678515

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.1	133.7
152	51.0	41.9	62.9

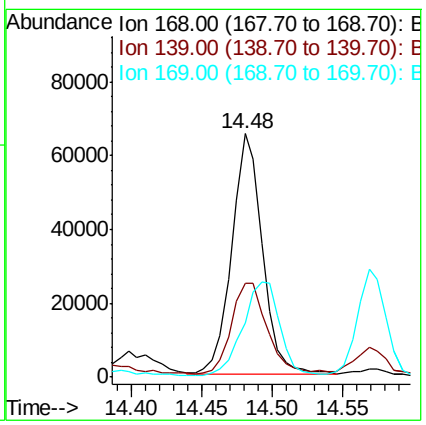


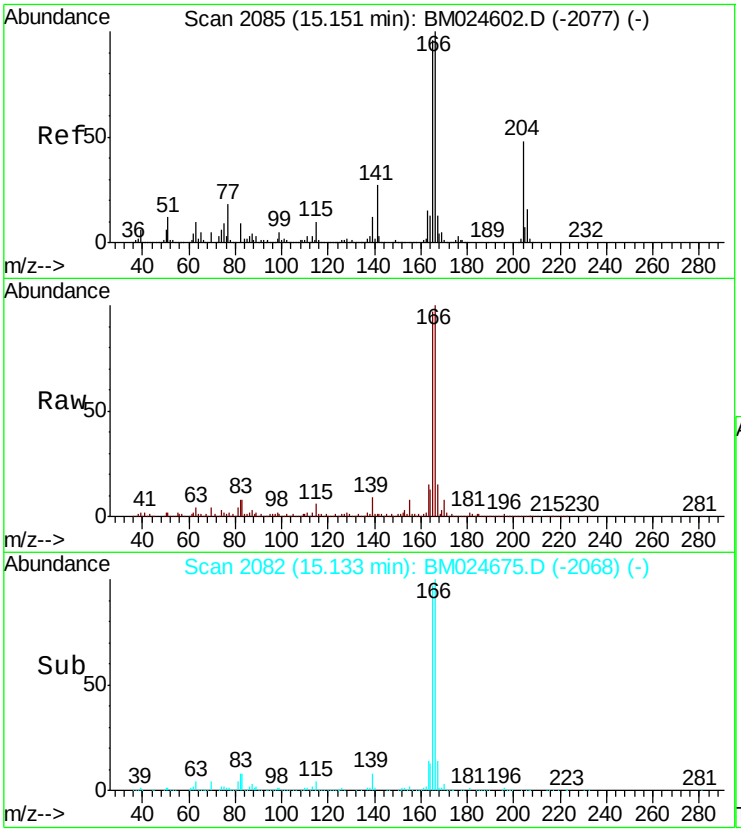


#55
Dibenzofuran
Concen: 2.025 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:168 Resp: 98326

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.4
169	22.4	10.7	16.1#



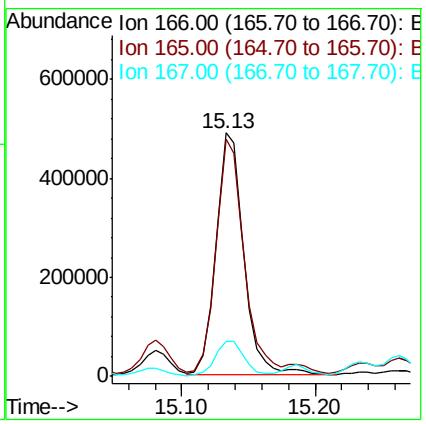


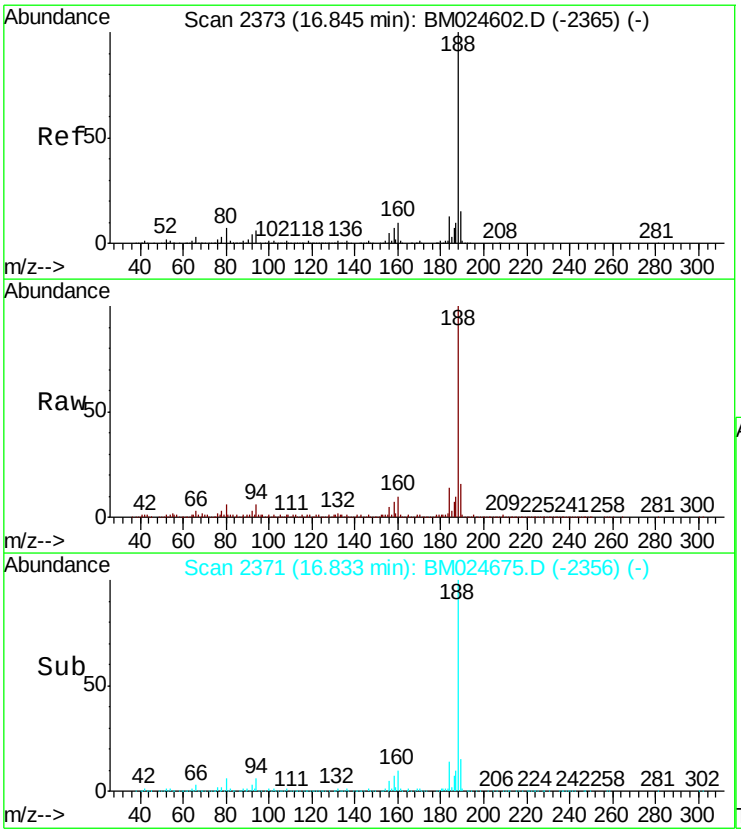
#58
Fluorene
Concen: 17.356 ng
RT: 15.13 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 708292

Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.6	114.8
167	14.6	10.8	16.2

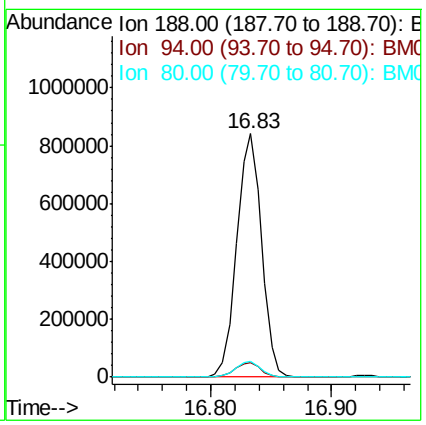


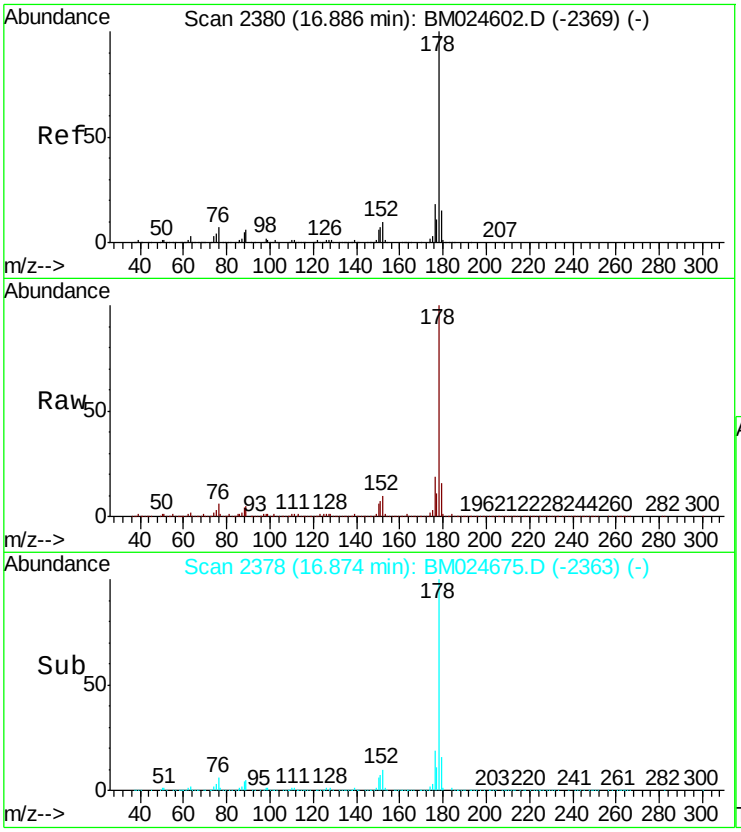


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:188 Resp: 1199763

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.6
80	6.3	5.8	8.8



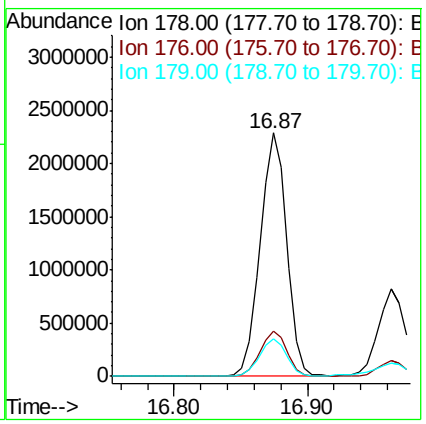


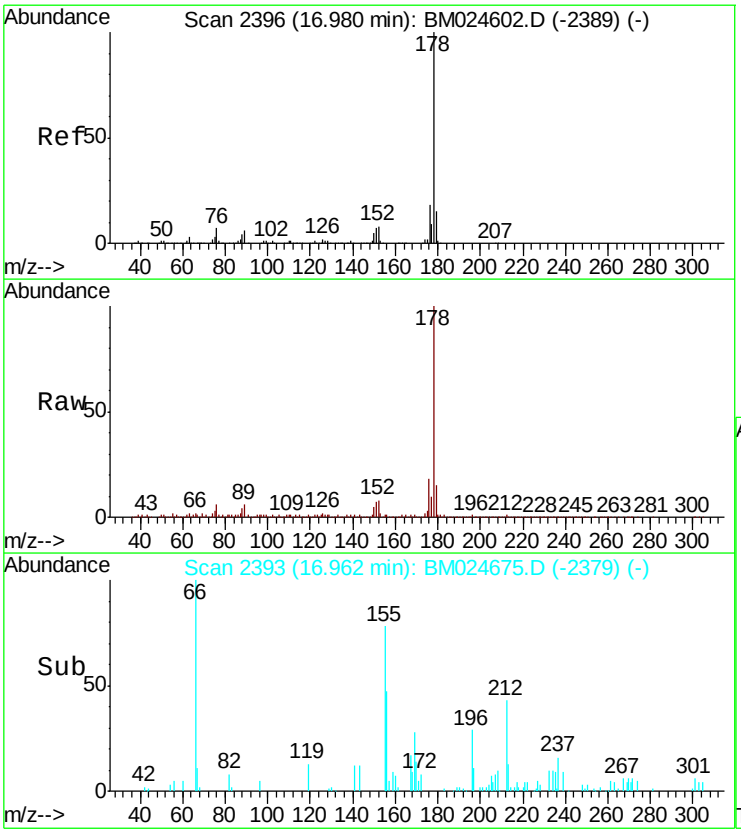
#71
Phenanthrene
Concen: 48.099 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3124929

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.5	21.7
179	15.7	11.9	17.9

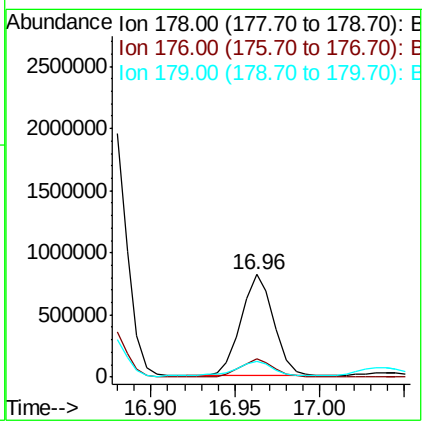


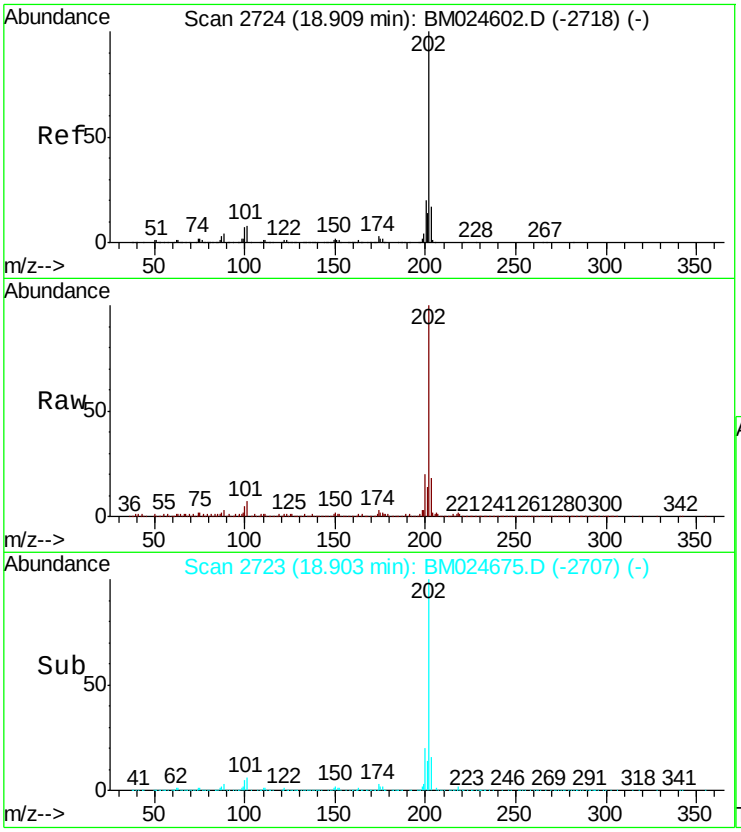


#72
Anthracene
Concen: 17.406 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:178 Resp: 1106490

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	15.5	12.1	18.1



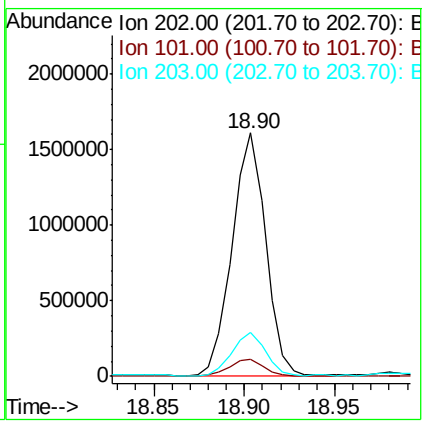


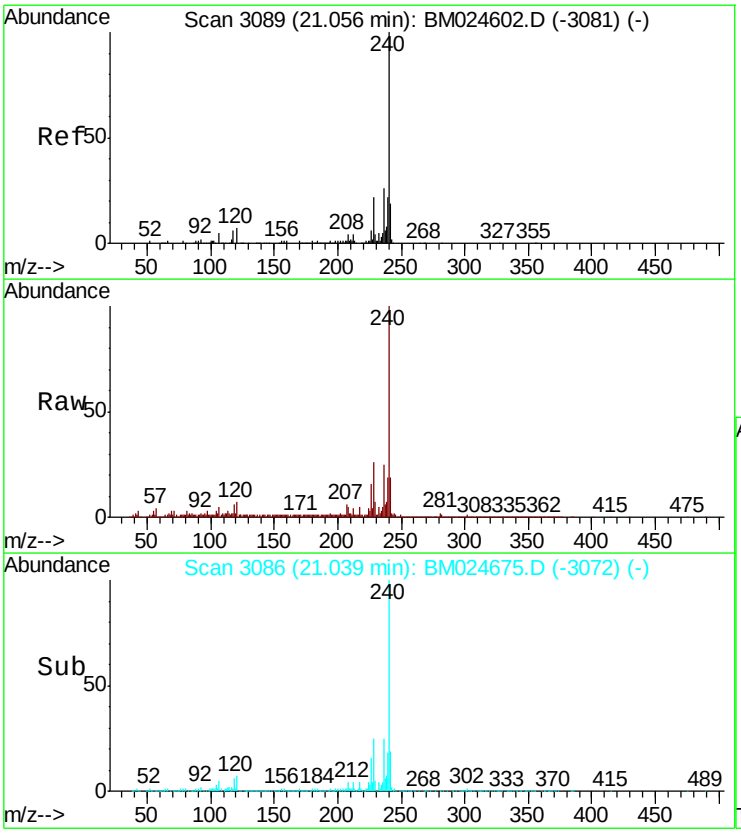
#75
Fluoranthene
Concen: 25.370 ng
RT: 18.90 min Scan# 2723
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2057183

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.4
203	18.1	0.0	37.5

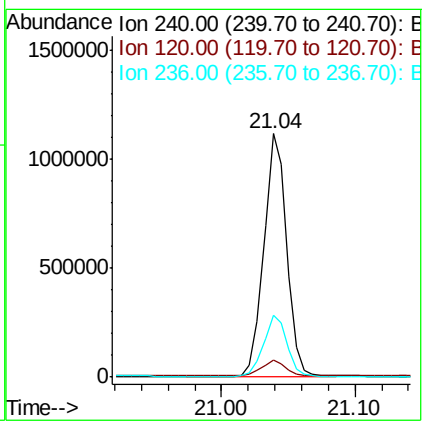


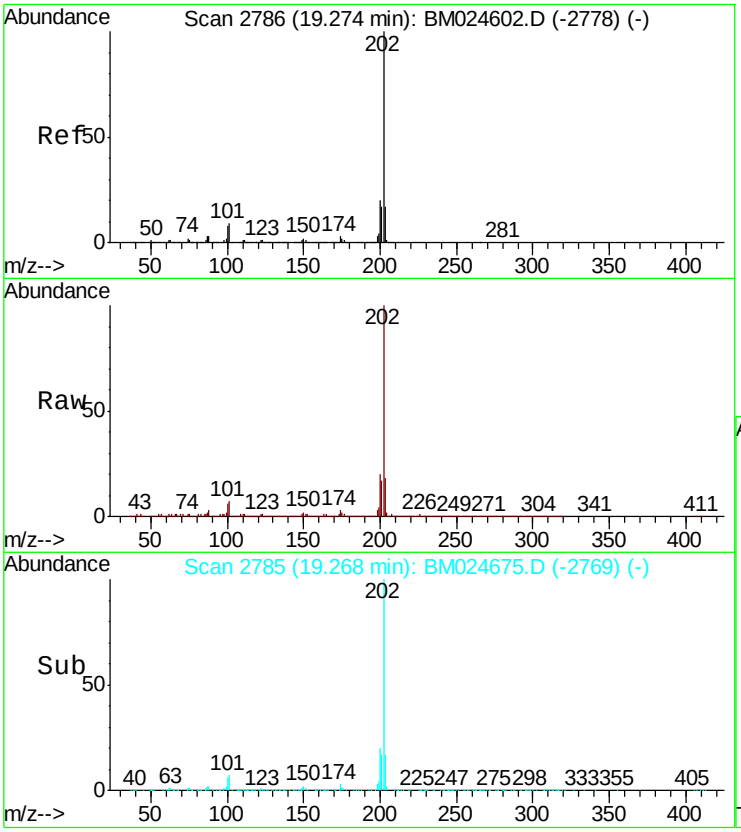


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:240 Resp: 1321362

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.3	7.9
236	25.2	20.6	31.0



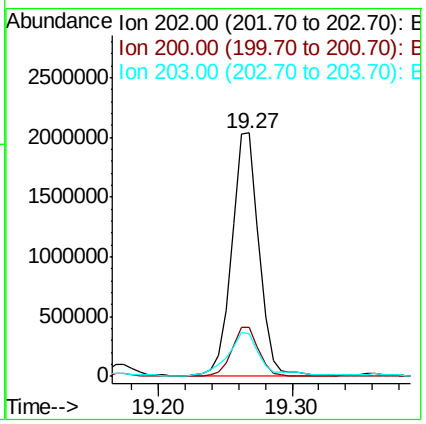


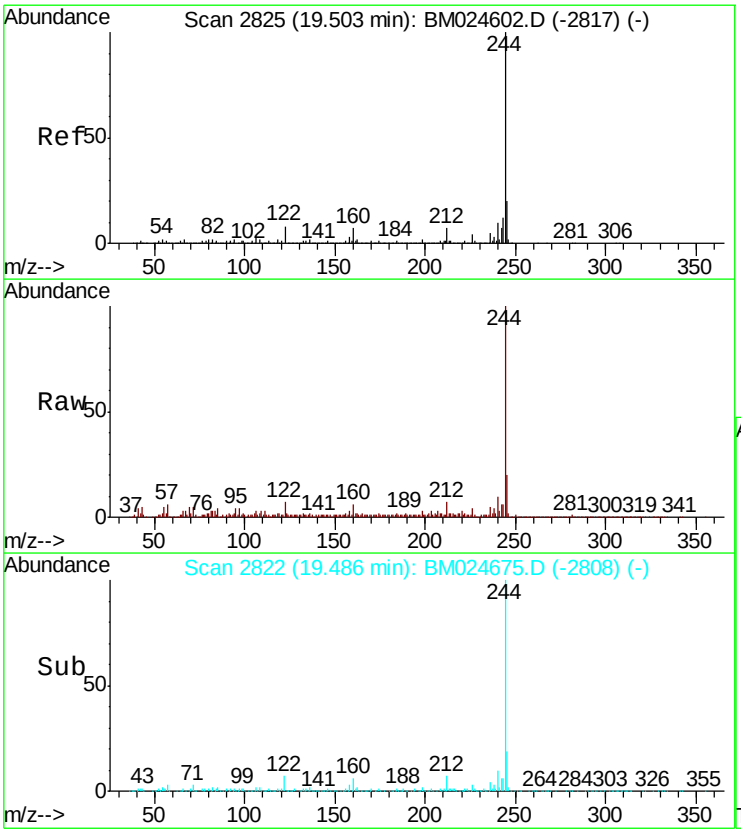
#78
Pyrene
Concen: 32.821 ng
RT: 19.27 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2858991

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.8	14.0	21.0

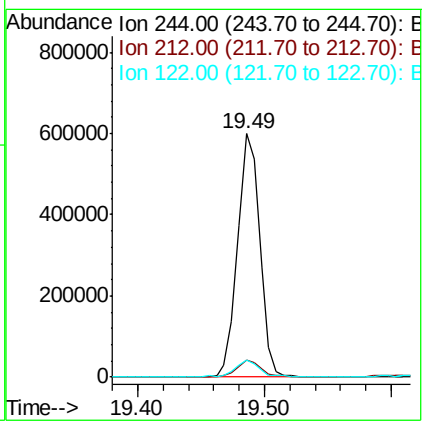


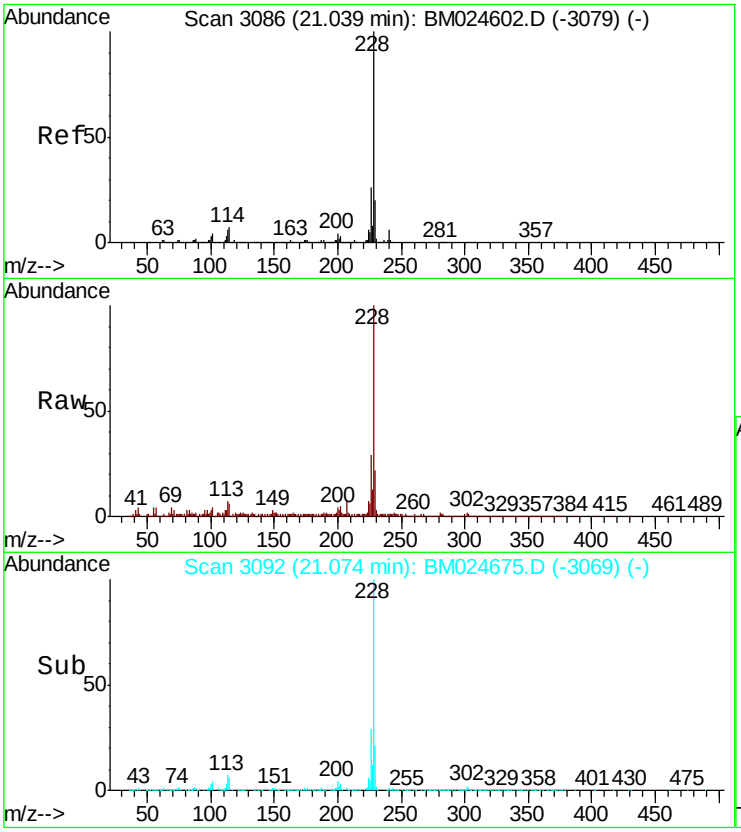


#79
Terphenyl-d14
Concen: 10.182 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:244 Resp: 720699

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	7.0	6.2	9.4



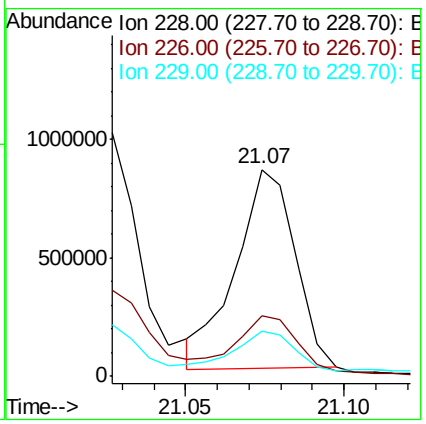


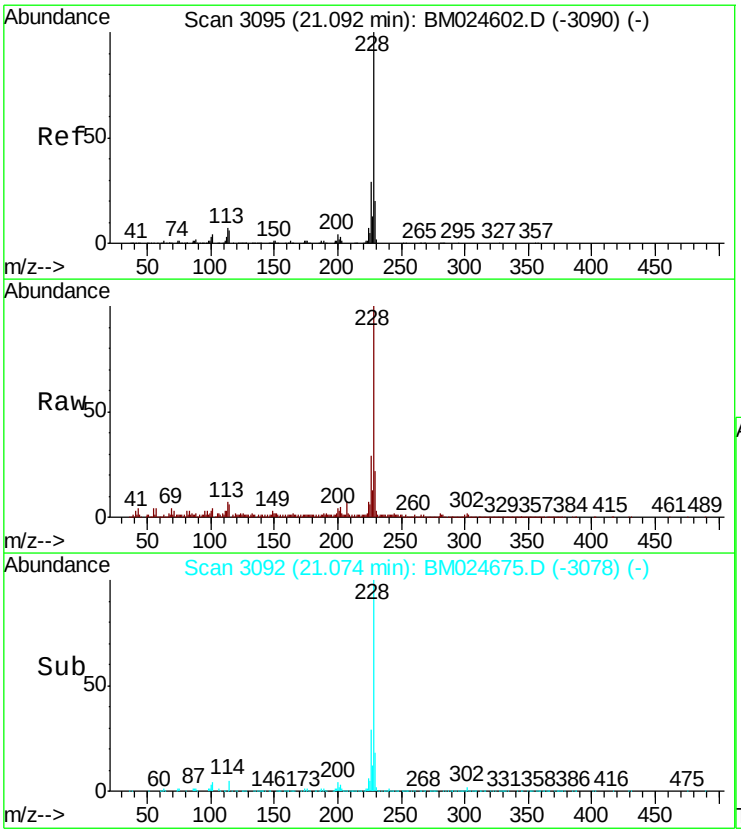
#81
Benzo(a)anthracene
Concen: 11.952 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.04 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1096113

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.1	31.7
229	21.9	15.8	23.6

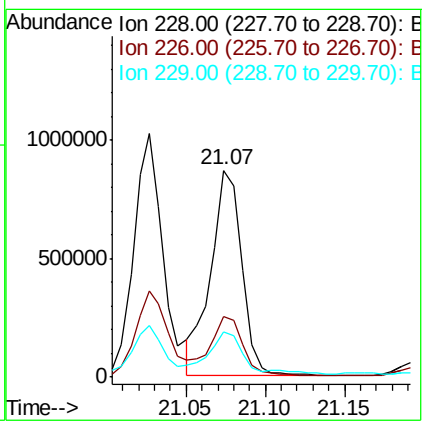


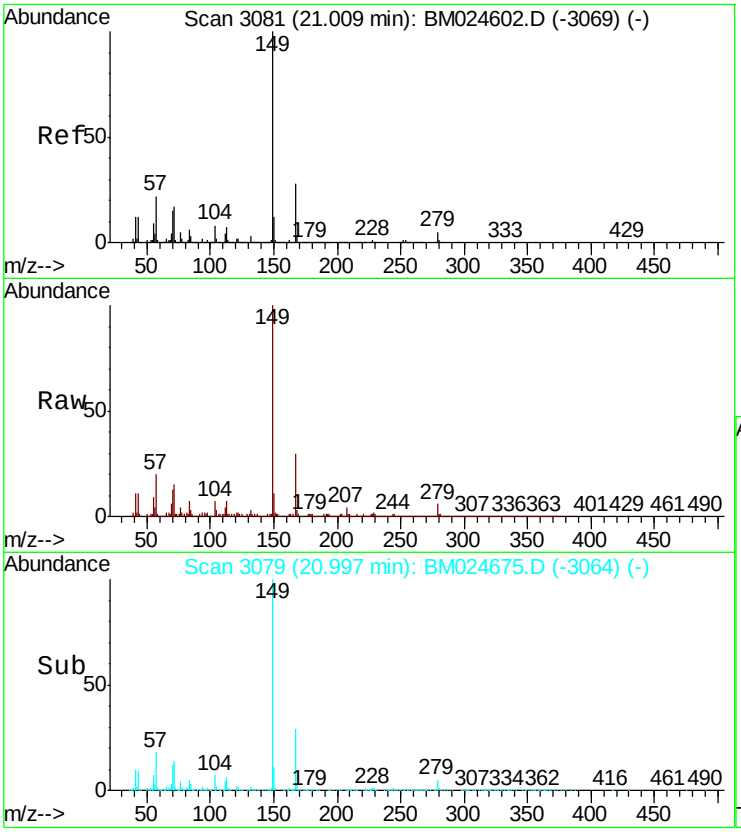


#83
Chrysene
Concen: 13.474 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:228 Resp: 1179109

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.2	34.8
229	21.9	15.7	23.5



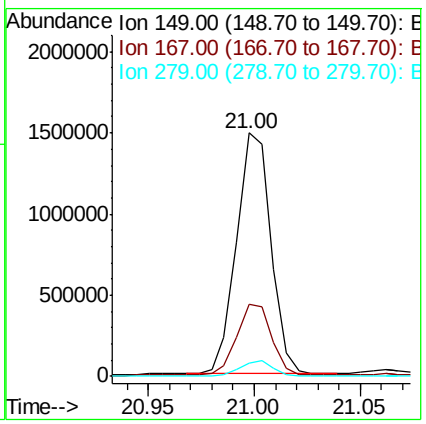


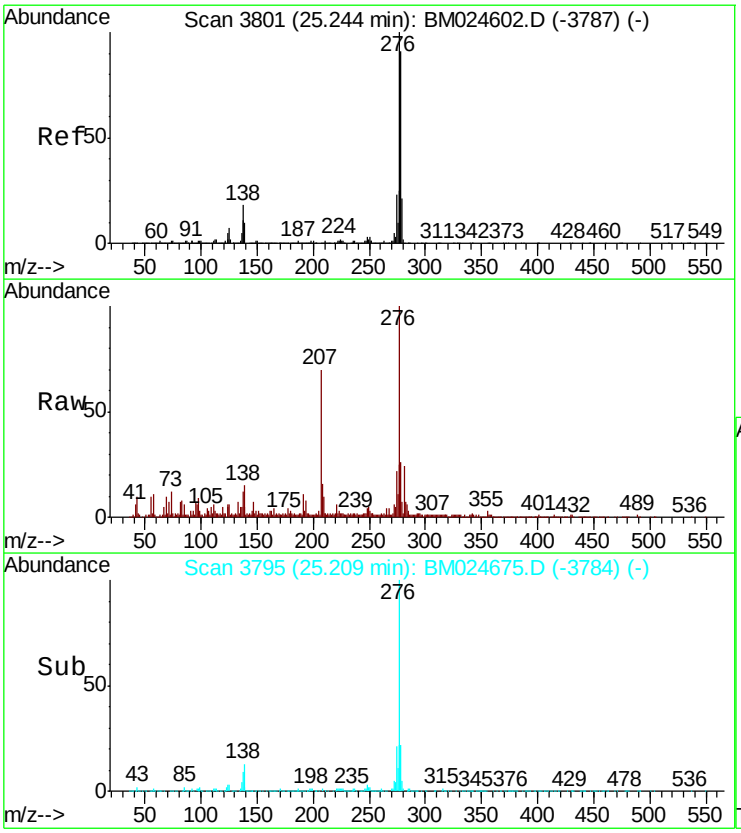
#84
Bis(2-ethylhexyl)phthalate
Concen: 31.123 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1678548

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.5	33.7
279	5.6	4.0	6.0

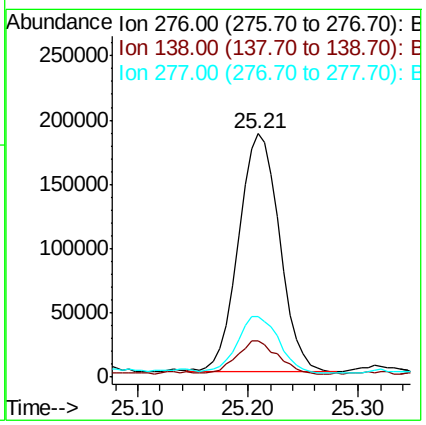


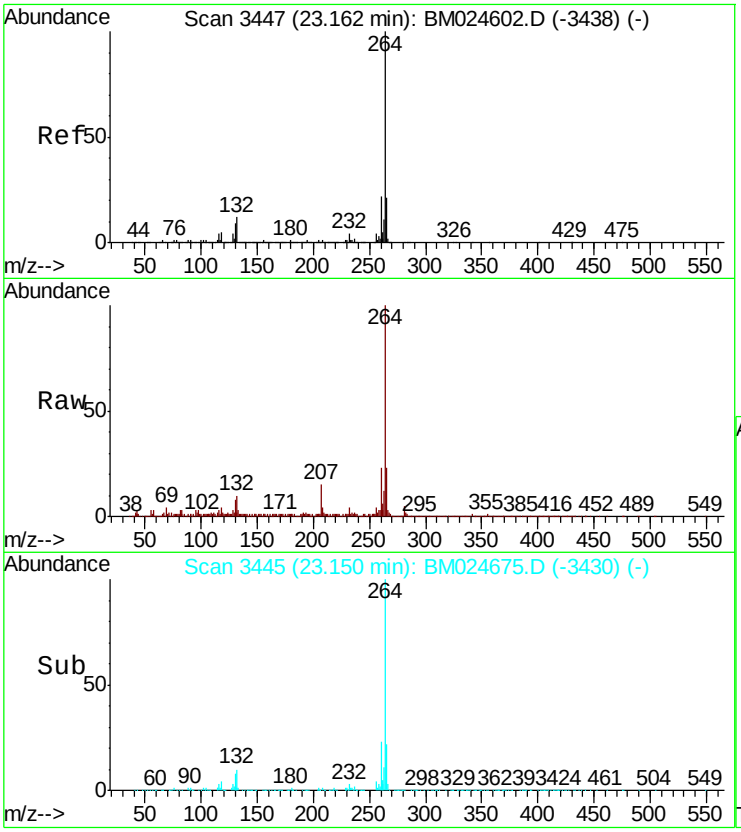


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.070 ng
RT: 25.21 min Scan# 3795
Delta R.T. -0.04 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:276 Resp: 483621

Ion	Ratio	Lower	Upper
276	100		
138	13.6	13.4	20.0
277	24.8	19.6	29.4



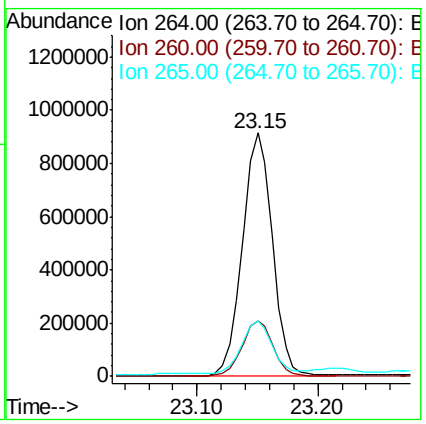


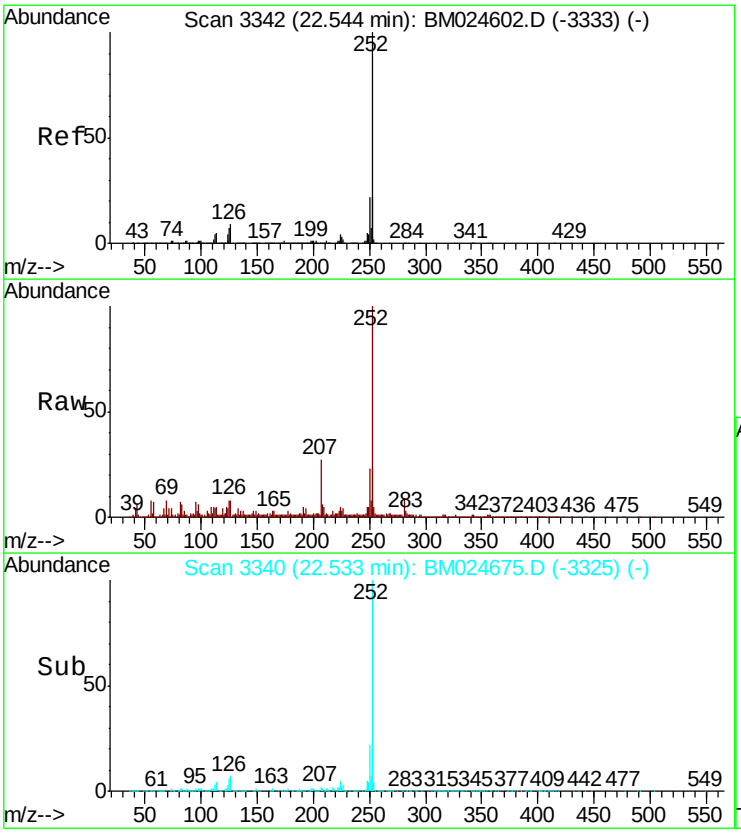
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1588560

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	22.8	17.3	25.9

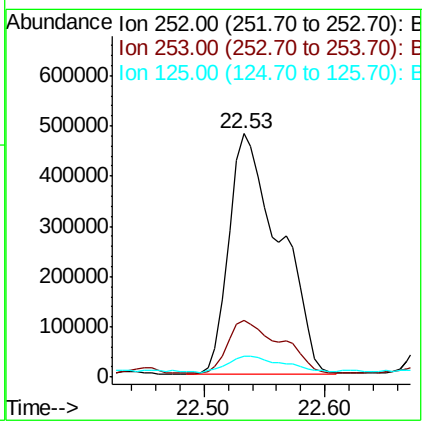


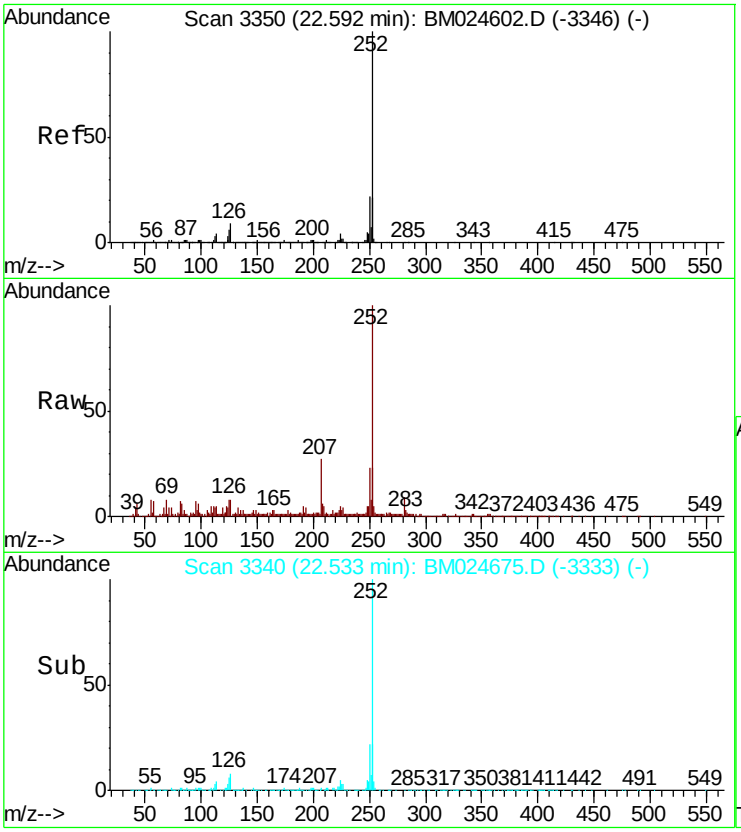


#88
Benzo(b)fluoranthene
Concen: 13.604 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:252 Resp: 1401610

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	8.4	5.7	8.5



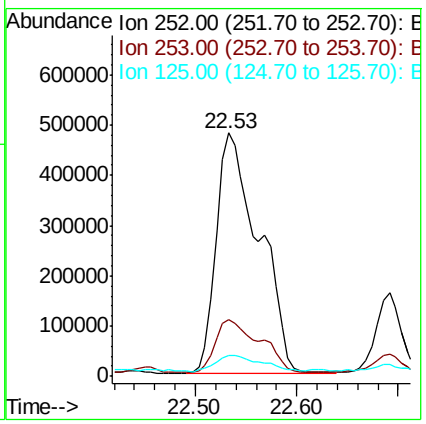


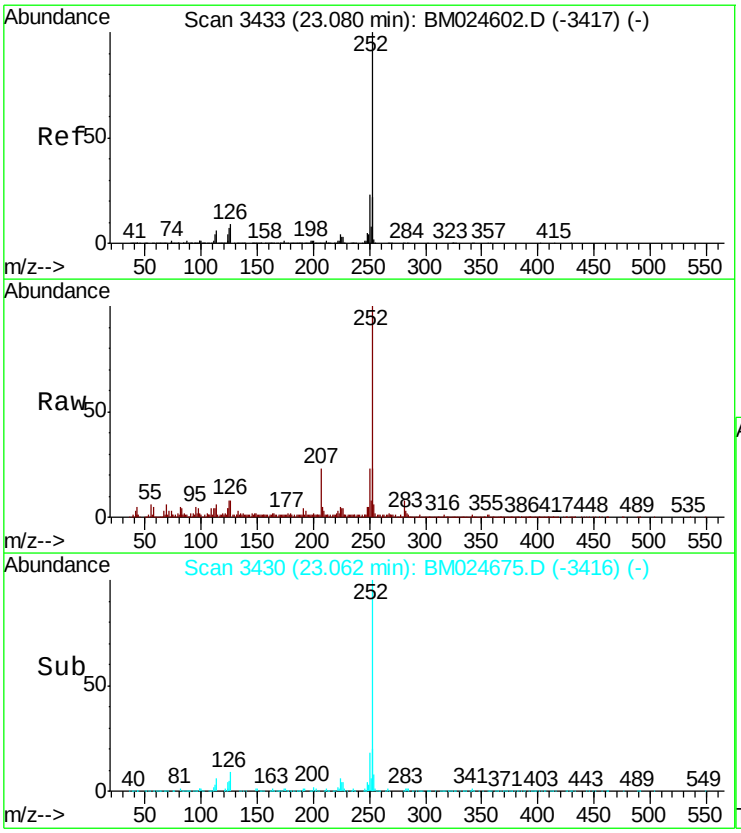
#89
Benzo(k)fluoranthene
Concen: 13.888 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.06 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1396707

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	8.4	5.2	7.8#

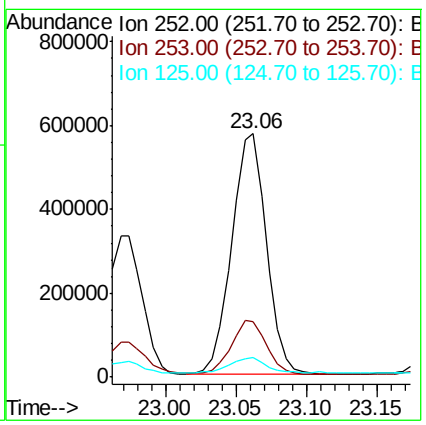


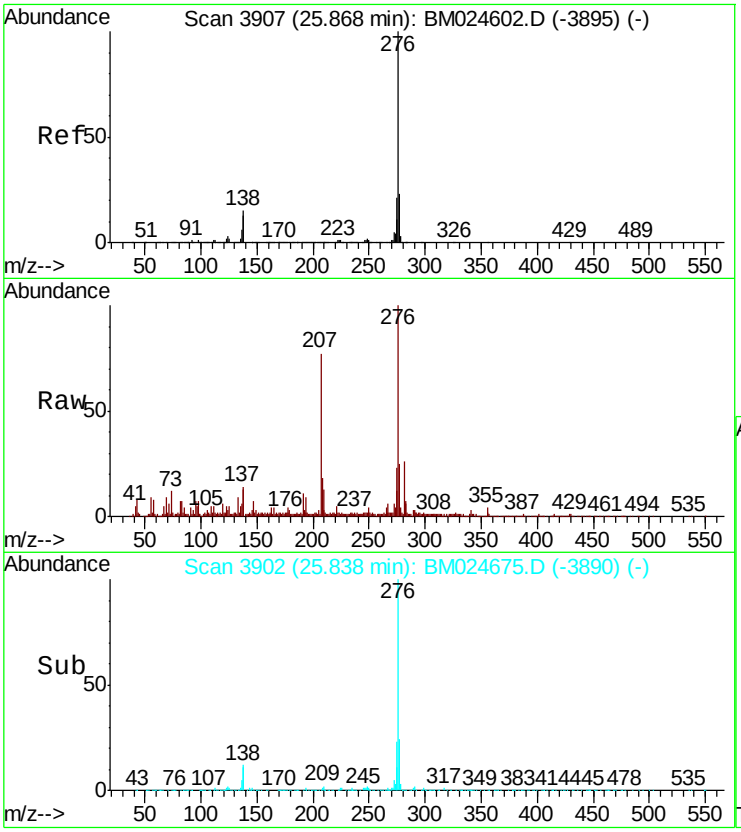


#90
Benzo(a)pyrene
Concen: 10.493 ng
RT: 23.06 min Scan# 3430
Delta R.T. -0.02 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Tgt Ion:252 Resp: 982946

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	8.2	5.8	8.8





#92
Benzo(g,h,i)perylene
Concen: 5.891 ng
RT: 25.84 min Scan# 3902
Delta R.T. -0.03 min
Lab File: BM024675.D
Acq: 31 Jan 2020 01:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 475547

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	13.1	11.9	17.9