Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024657.D
Acq On : 29 Jan 2020 19:17
Operator : CG/JU
Sample : L1274-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 30 02:56:53 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	7.45	152	446177	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1674858	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	968661	20.00	ng		0.00
64) Phenanthrene-d10	16.85	188	1699435	20.00	ng		0.00
76) Chrysene-d12	21.06	240	1394403	20.00	ng		0.00
87) Perylene-d12	23.18	264	1666389	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	294032	12.53	ng		0.00
7) Phenol-d6	6.65	99	377836	11.69	ng		0.00
23) Nitrobenzene-d5	8.58	82	241742	7.08	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	162032	10.28	ng		0.00
45) 2-Fluorobiphenyl	12.70	172	674296	9.46	ng		0.00
79) Terphenyl-d14	19.50	244	747334	10.01	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	11.88	142	228642	3.502	ng		97
38) 1-Methylnaphthalene	12.10	142	301014	4.847	ng		99
49) Acenaphthylene	13.81	152	1181520	13.336	ng		98
52) Acenaphthene	14.16	154	489824	8.910	ng		98
55) Dibenzofuran	14.50	168	375631	4.190	ng	#	95
58) Fluorene	15.15	166	978205	12.983	ng		100
71) Phenanthrene	16.89	178	7287371	79.187	ng		98
72) Anthracene	16.98	178	2574363	28.589	ng		99
73) Carbazole	17.25	167	349834	4.268	ng		99
75) Fluoranthene	18.92	202	7646153	66.570	ng		98
78) Pyrene	19.29	202	9681682	105.322	ng		98
81) Benzo(a)anthracene	21.10	228	3988579	41.213	ng		94
83) Chrysene	21.10	228	4114087	44.550	ng		97
86) Indeno(1,2,3-cd)pyrene	25.25	276	1556418	15.463	ng		96
88) Benzo(b)fluoranthene	22.56	252	4320049	39.972	ng		98
89) Benzo(k)fluoranthene	22.56	252	4280358	40.574	ng		97
90) Benzo(a)pyrene	23.09	252	3144876	32.005	ng		98
91) Dibenzo(a,h)anthracene	25.26	278	530534	5.689	ng	#	87
92) Benzo(g,h,i)perylene	25.89	276	1764556	20.837	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 29 Jan 2020 19:17
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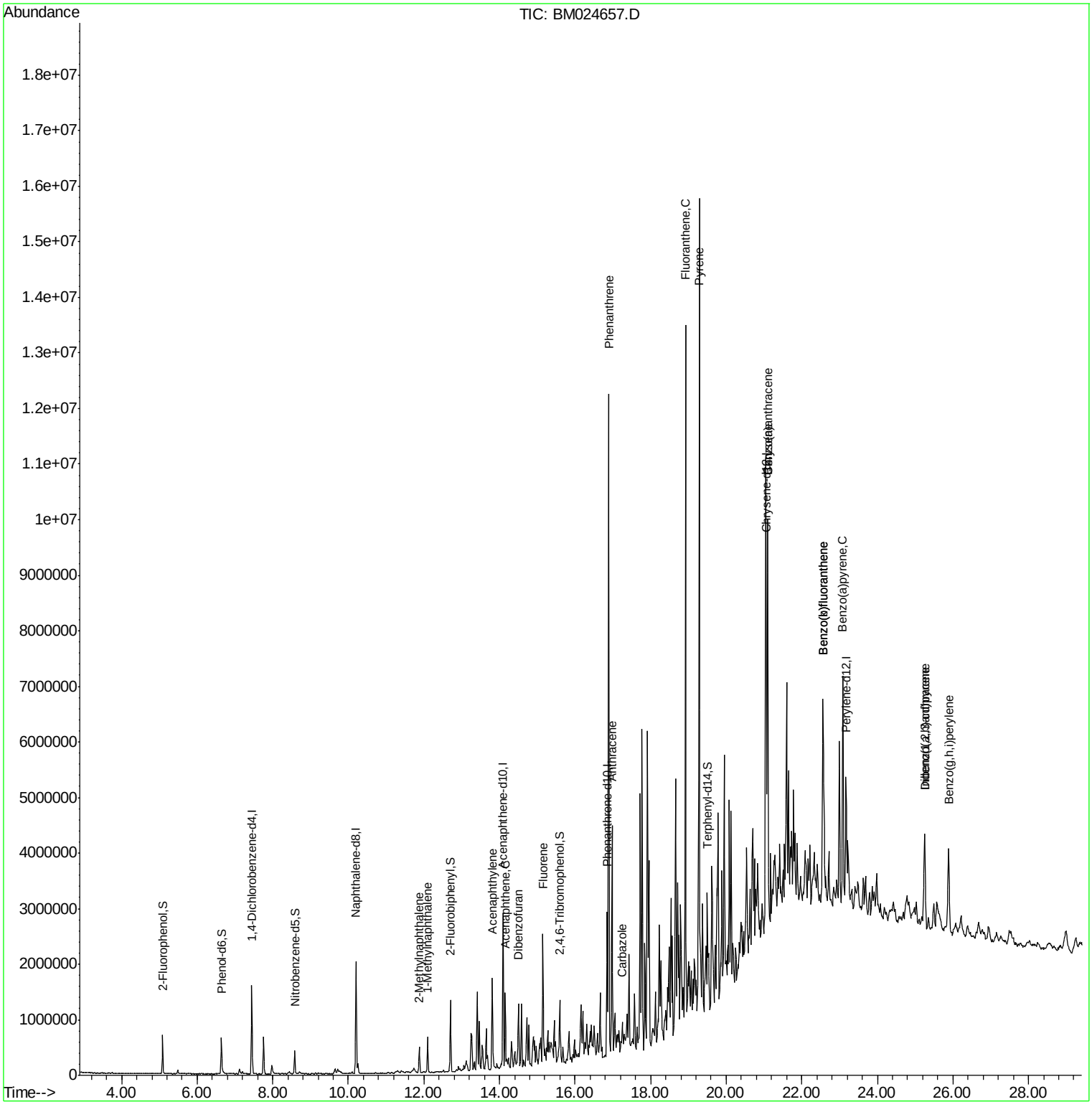
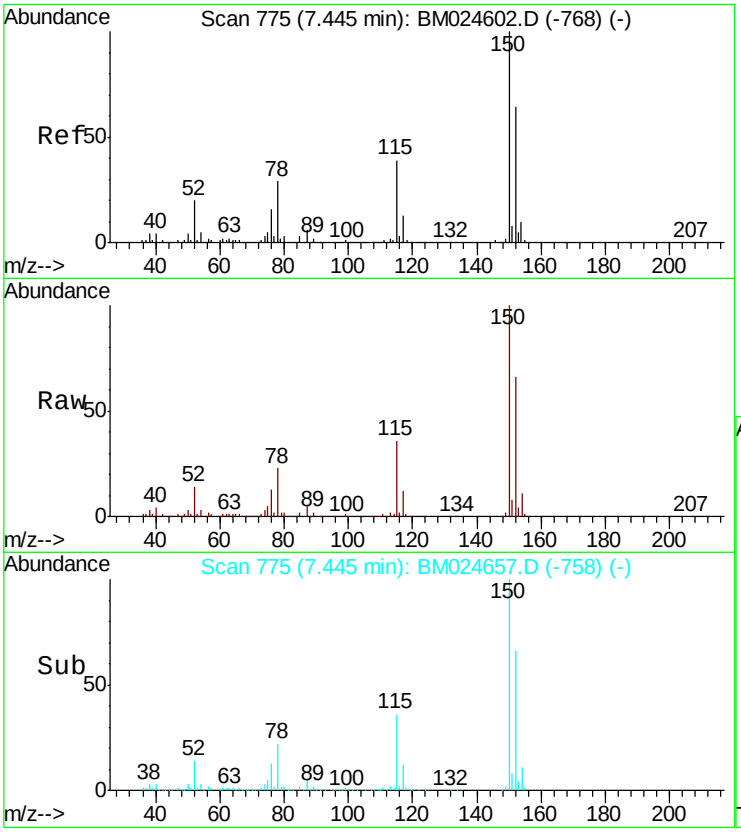


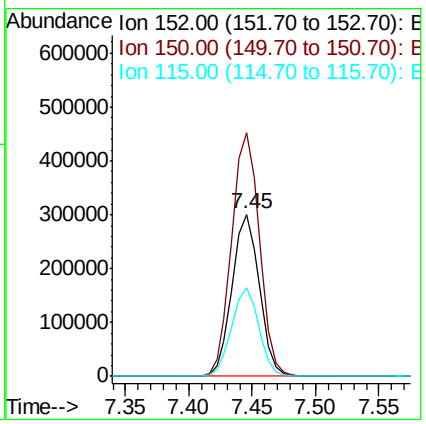


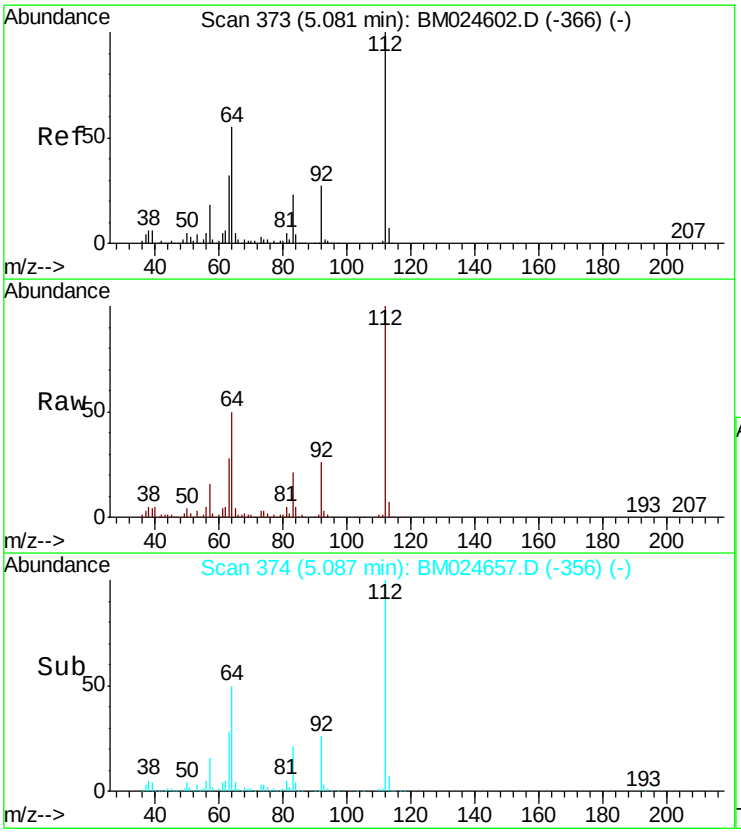
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 446177

Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.2	186.4
115	54.8	48.6	72.8

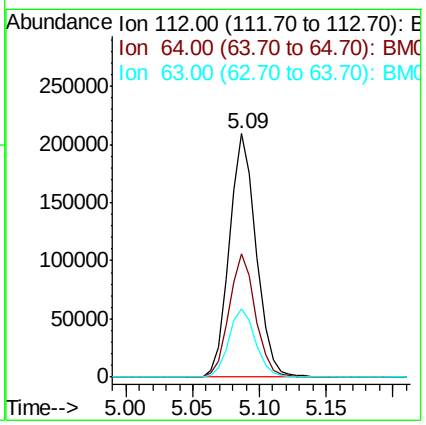


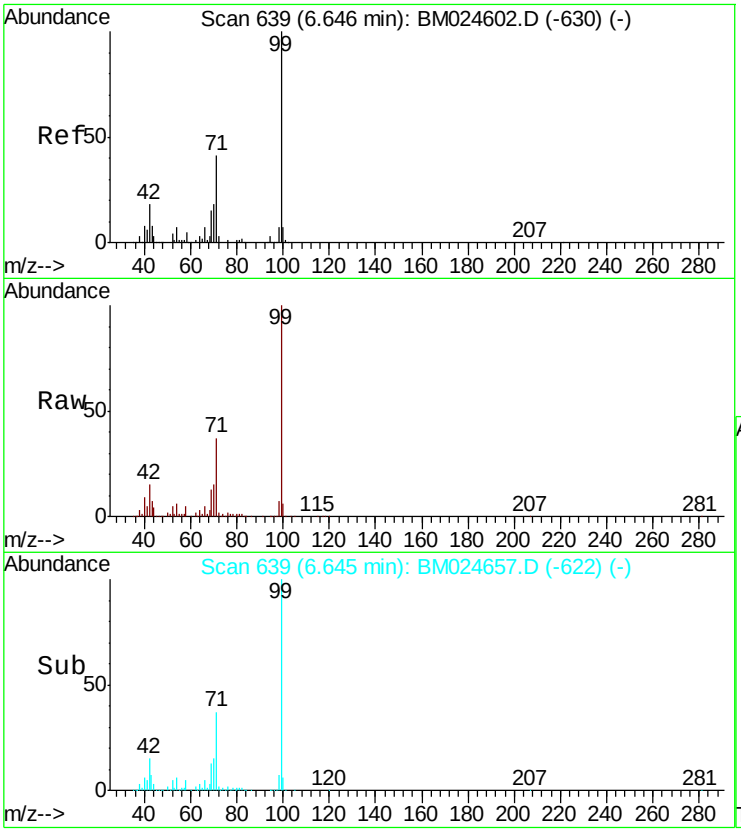


#5
2-Fluorophenol
Concen: 12.533 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:112 Resp: 294032

Ion	Ratio	Lower	Upper
112	100		
64	50.4	44.2	66.4
63	28.1	25.9	38.9



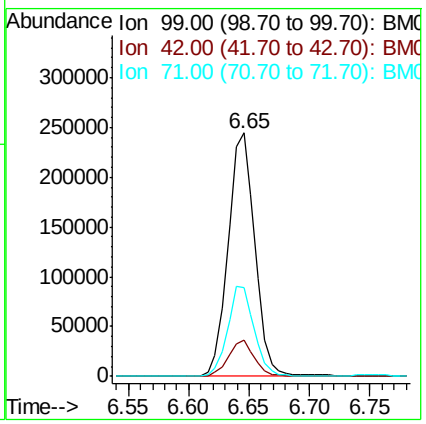


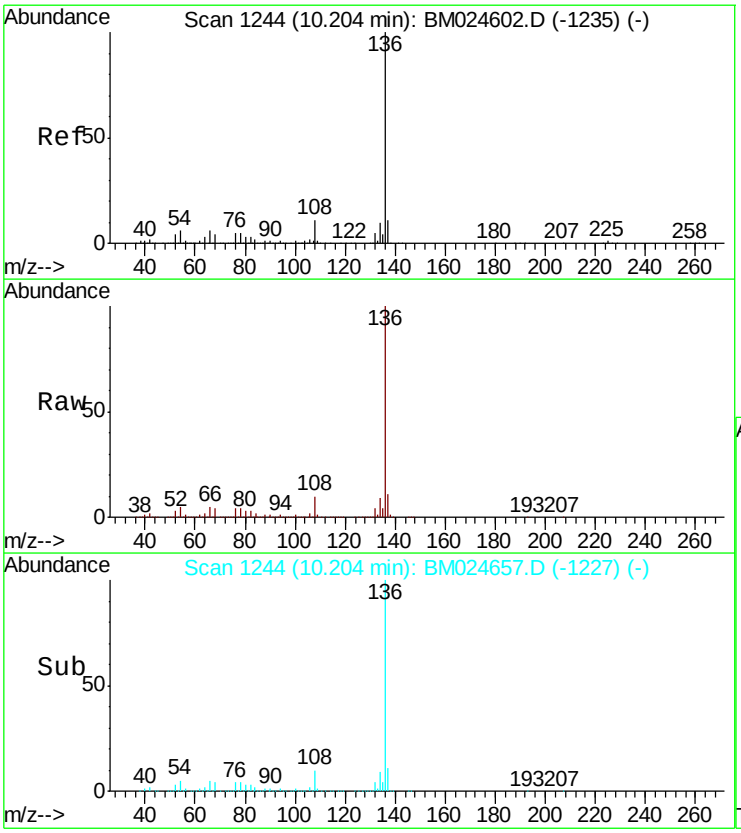
#7
Phenol-d6
Concen: 11.691 ng
RT: 6.65 min Scan# 639
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 377836

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.1	21.1
71	36.5	33.0	49.6

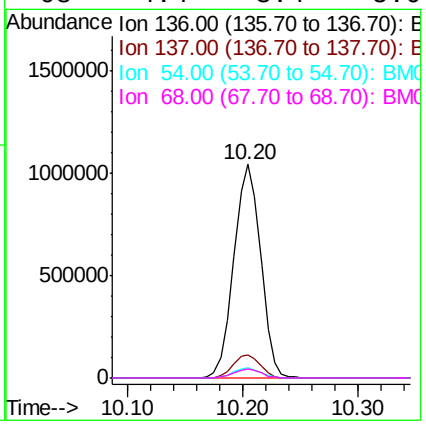


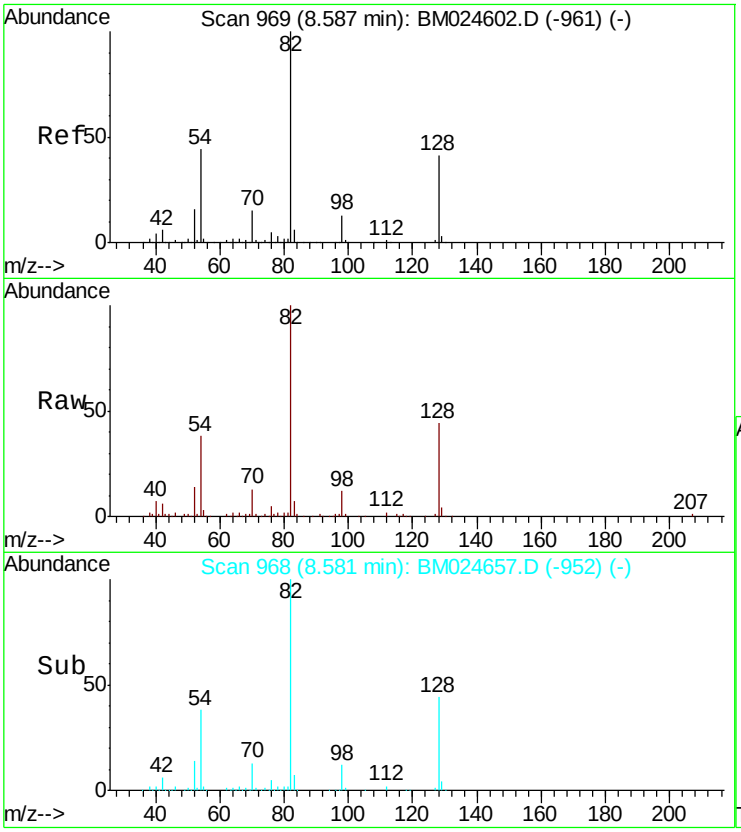


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:136 Resp: 1674858

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	4.9	4.5	6.7
68	4.4	3.4	5.0



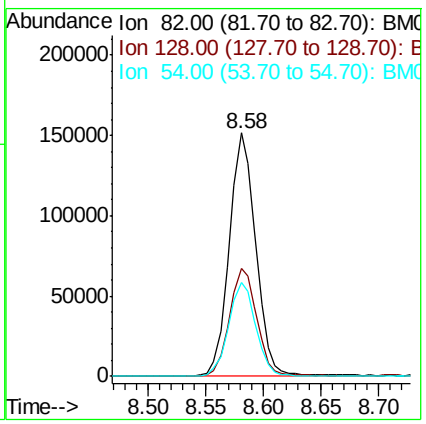


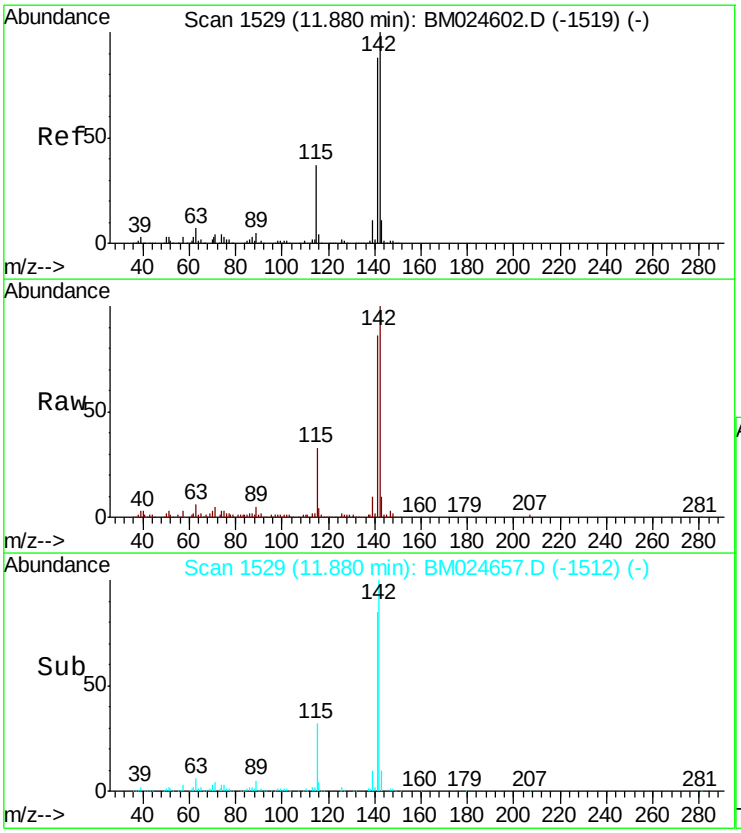
#23
Nitrobenzene-d5
Concen: 7.078 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 241742

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.6	48.8
54	38.5	34.8	52.2

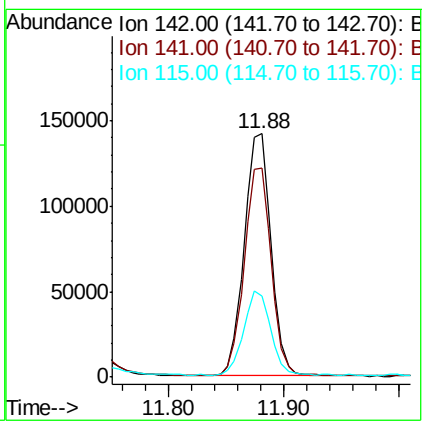


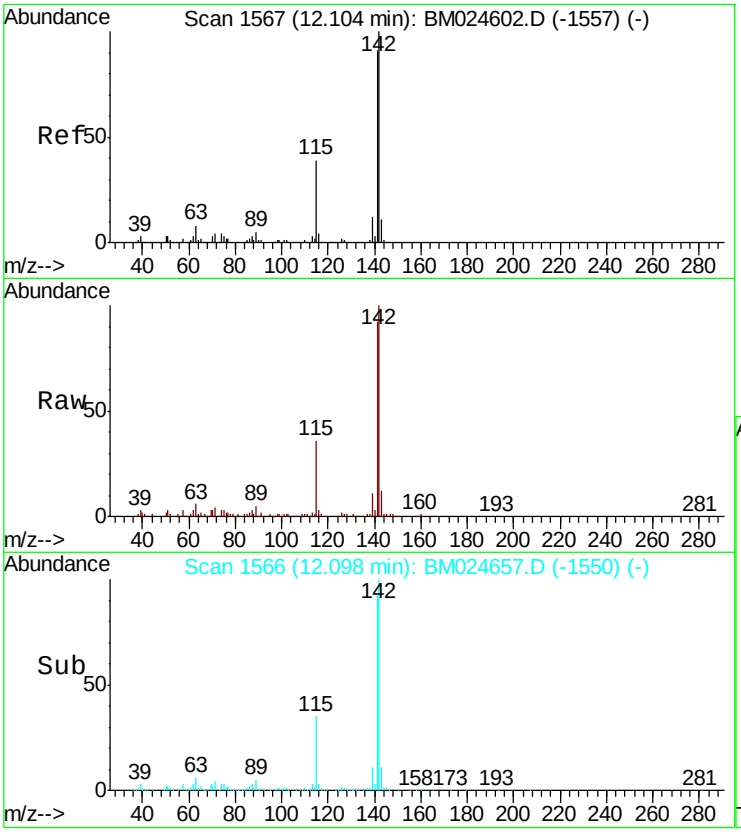


#37
2-Methylnaphthalene
Concen: 3.502 ng
RT: 11.88 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:142 Resp: 228642

Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.2	105.2
115	33.2	29.7	44.5



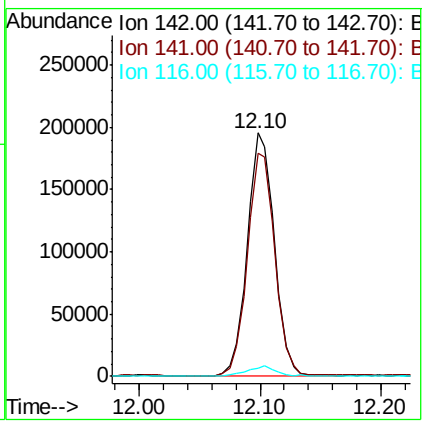


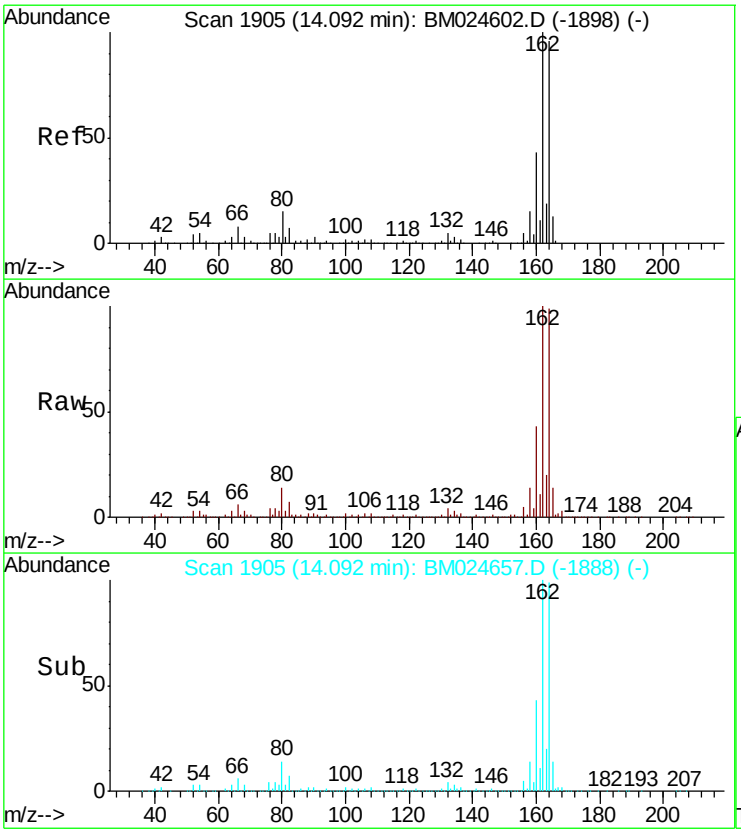
#38
1-Methylnaphthalene
Concen: 4.847 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 301014

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.8	109.2
116	3.4	3.2	4.8

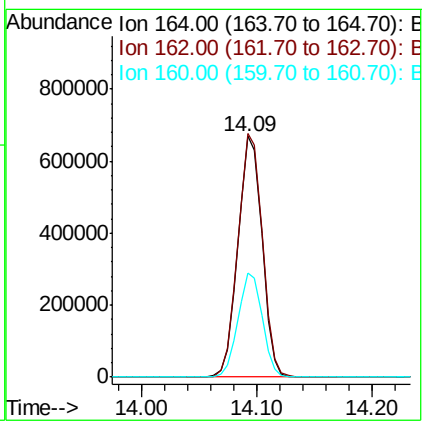


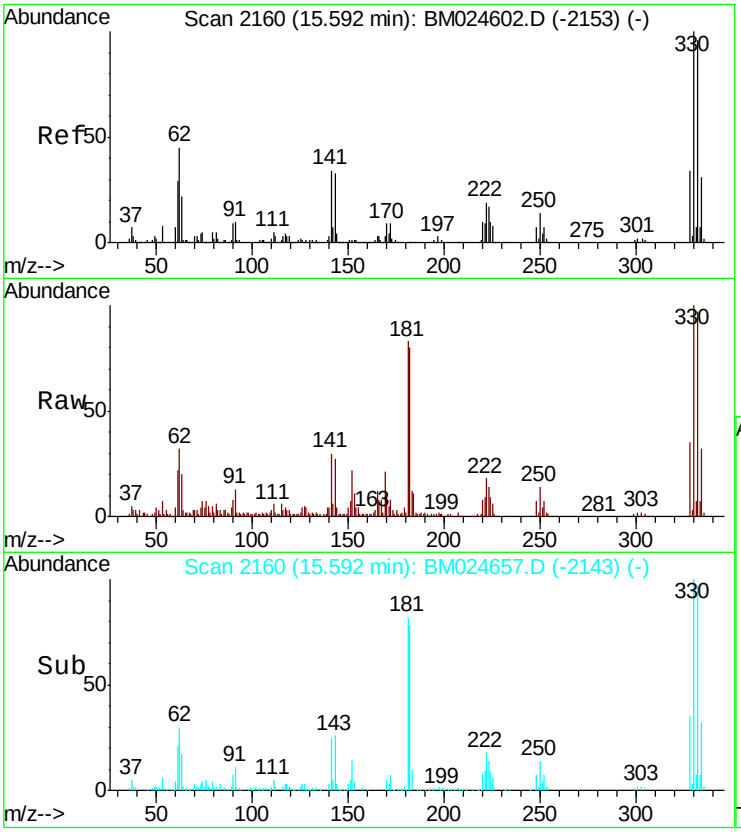


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:164 Resp: 968661

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.9	124.3
160	43.4	35.5	53.3



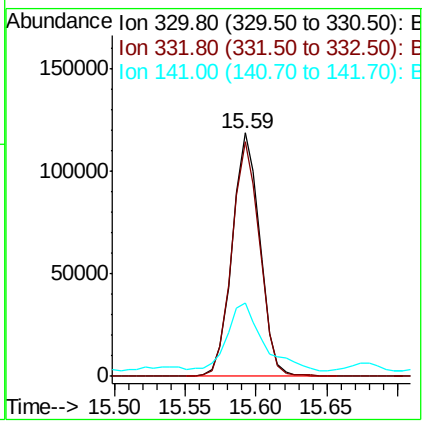


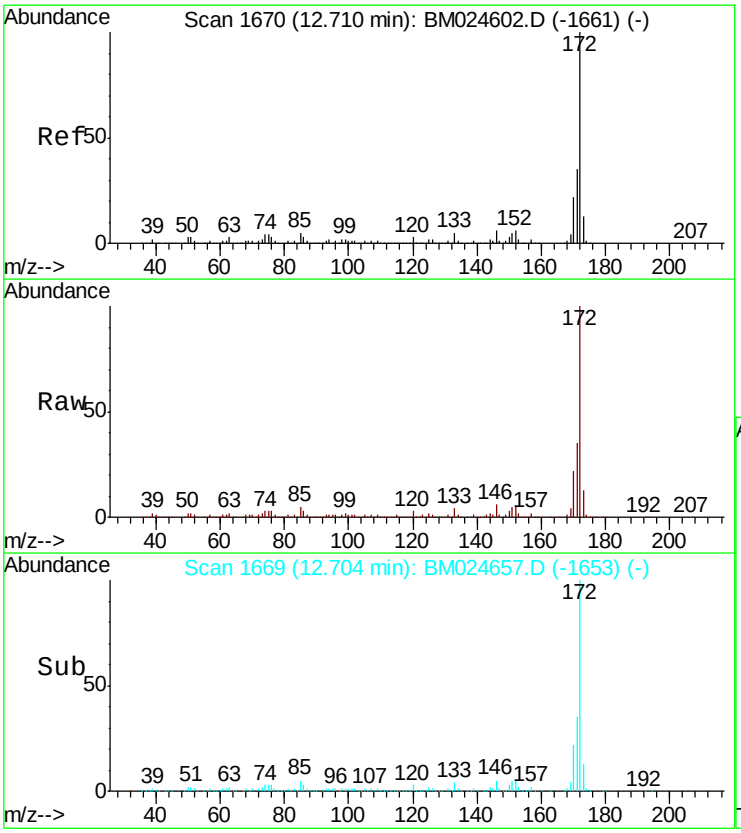
#42
2,4,6-Tribromophenol
Concen: 10.283 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 162032

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	36.4	26.9	40.3

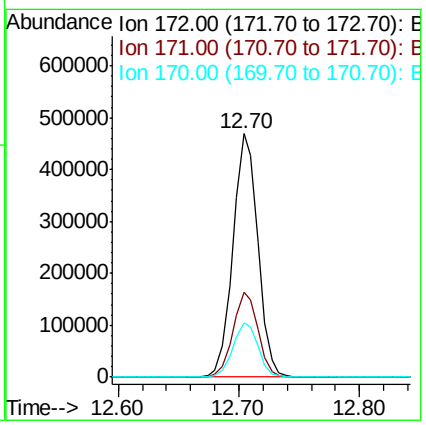


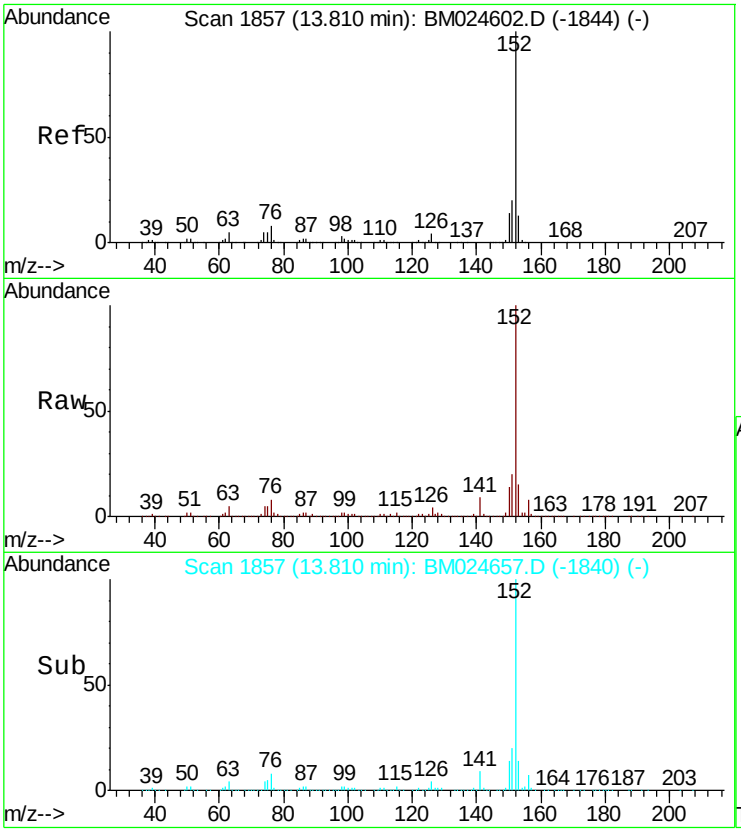


#45
2-Fluorobiphenyl
Concen: 9.464 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:172 Resp: 674296

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.4	17.9	26.9



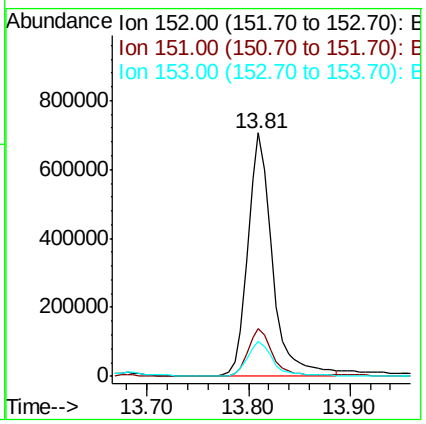


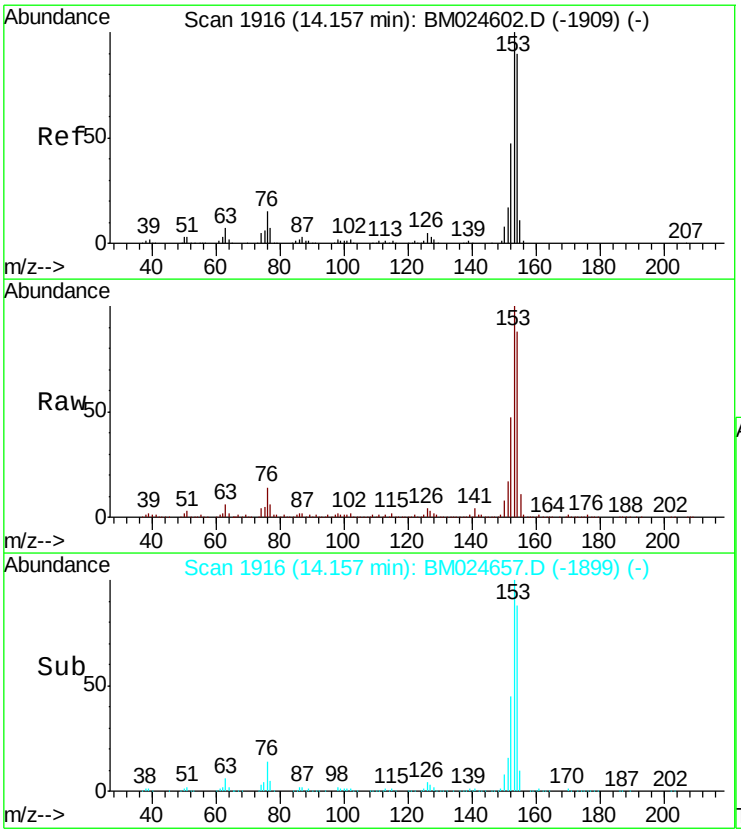
#49
Acenaphthylene
Concen: 13.336 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1181520

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	14.5	10.4	15.6

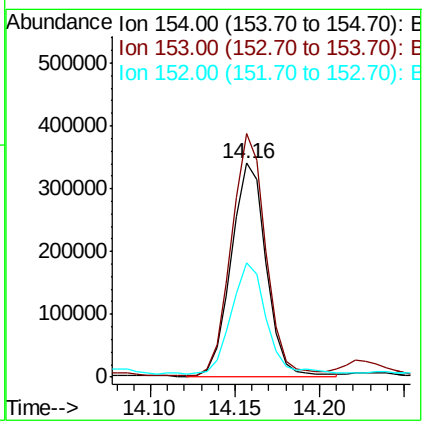


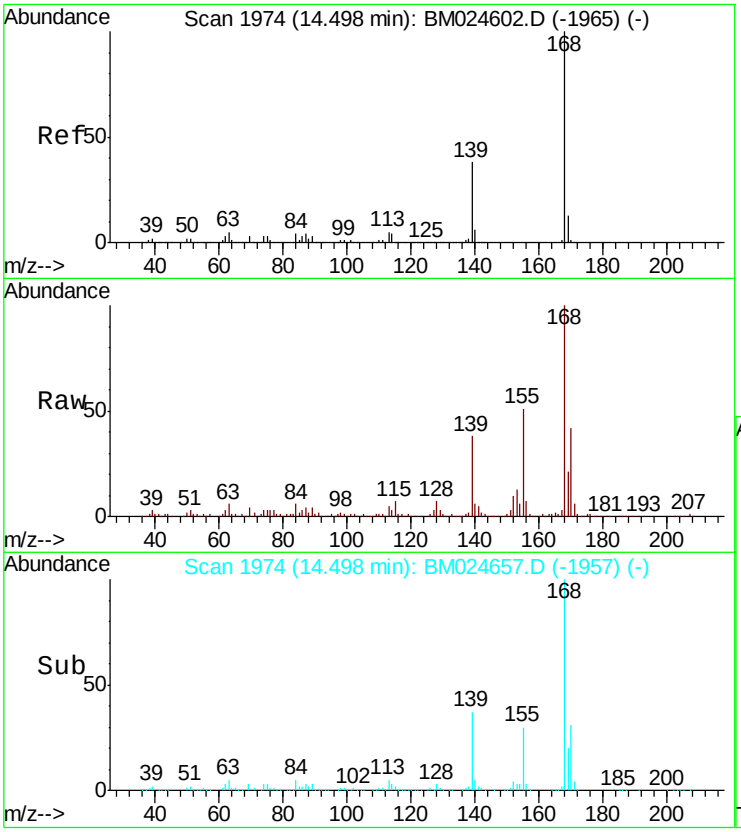


#52
Acenaphthene
Concen: 8.910 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:154 Resp: 489824

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.1	133.7
152	53.5	41.9	62.9



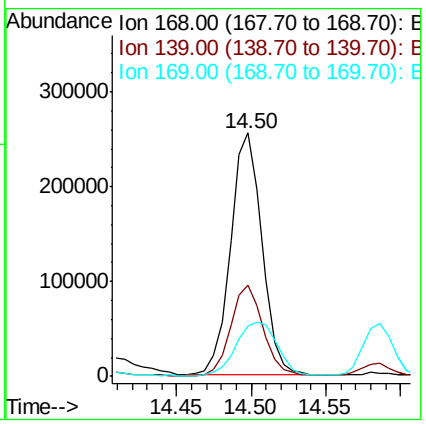


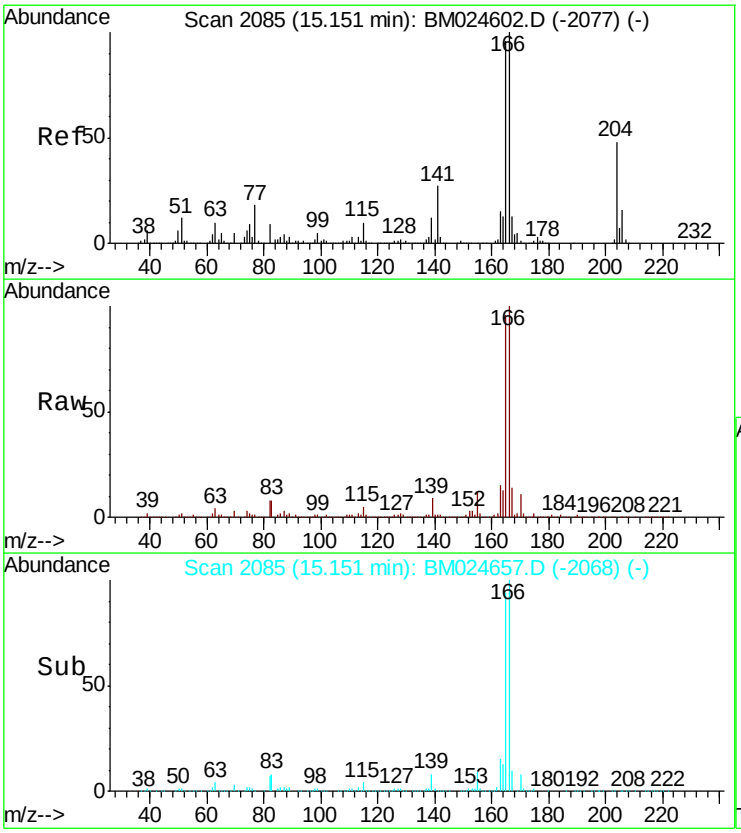
#55
Dibenzofuran
Concen: 4.190 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 375631

Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.2	45.4
169	20.7	10.7	16.1#

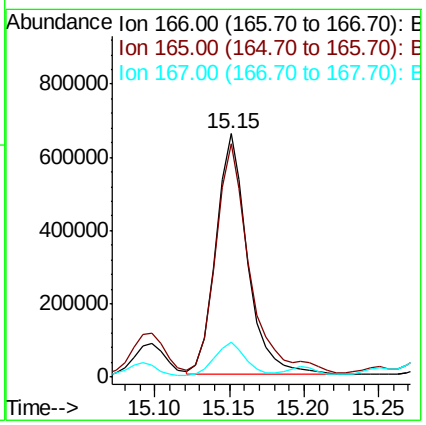


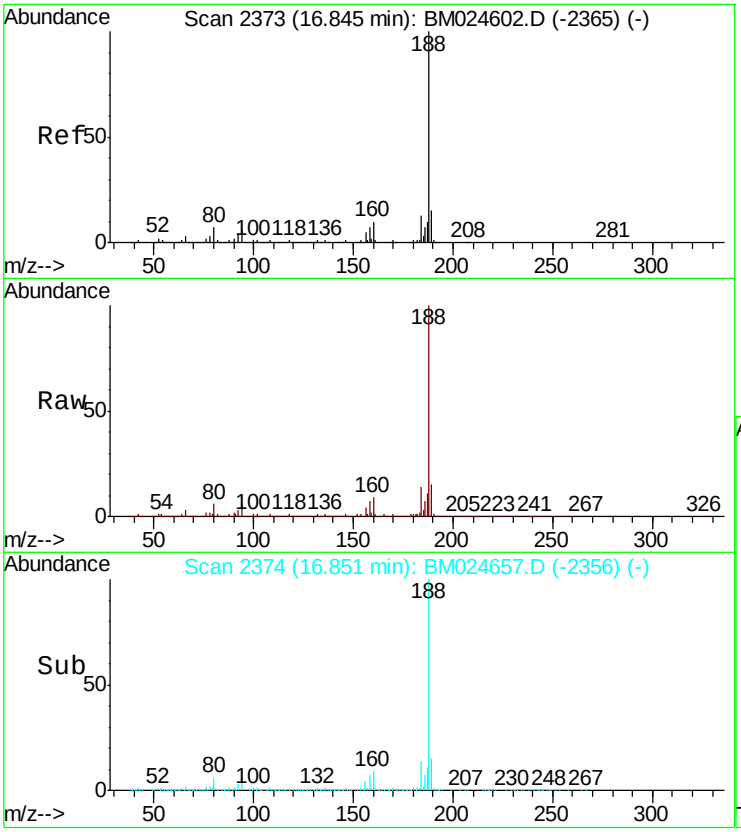


#58
Fluorene
Concen: 12.983 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:166 Resp: 978205

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.6	114.8
167	14.2	10.8	16.2



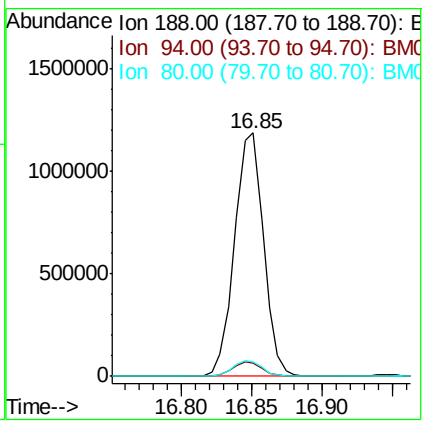


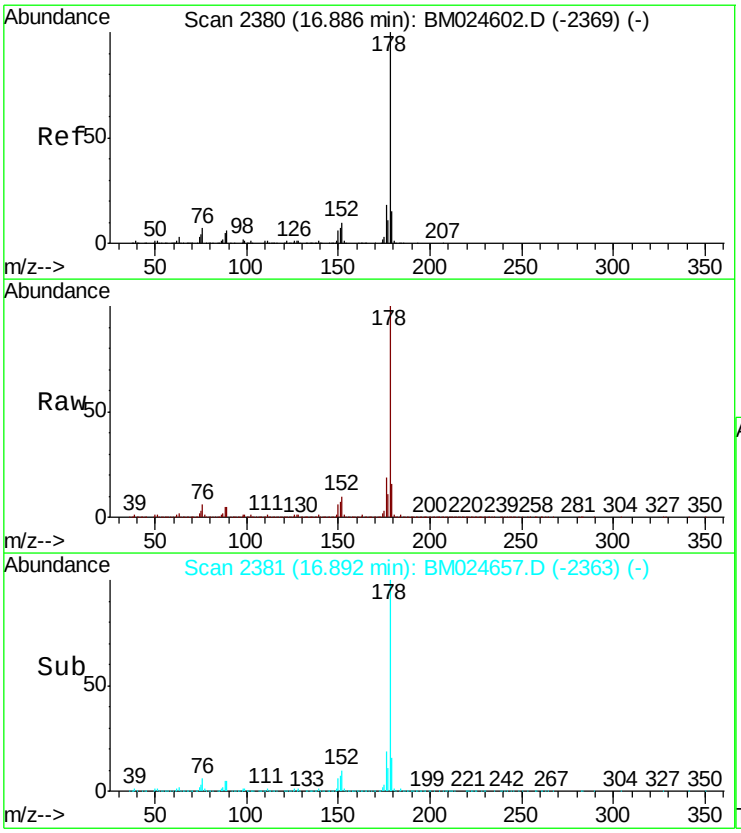
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1699435

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.0	7.6
80	6.2	5.8	8.8

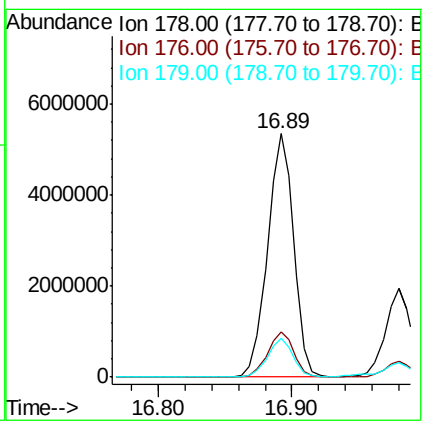


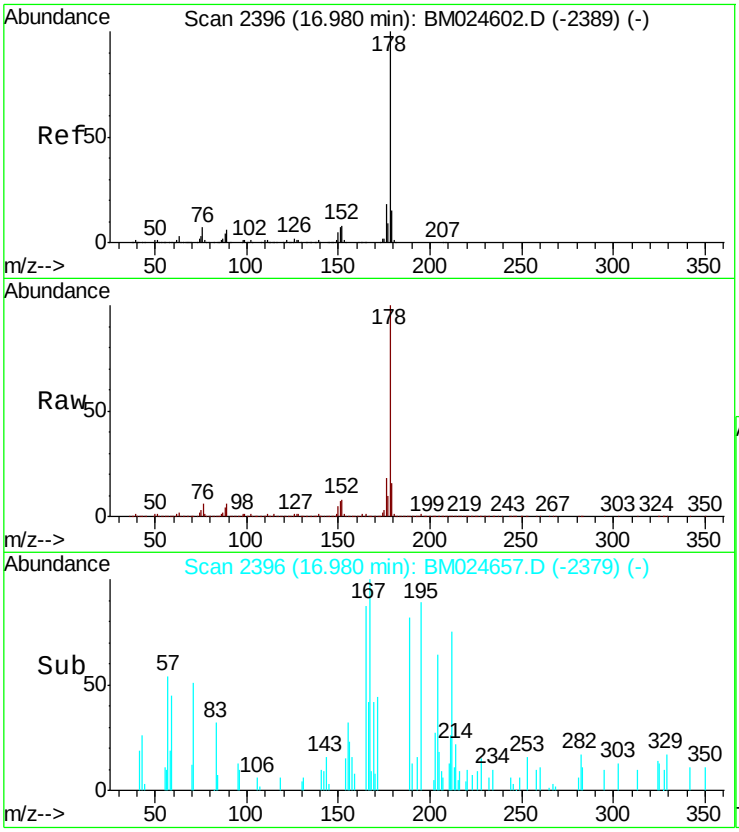


#71
Phenanthrene
Concen: 79.187 ng
RT: 16.89 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:178 Resp: 7287371

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.5	21.7
179	15.7	11.9	17.9



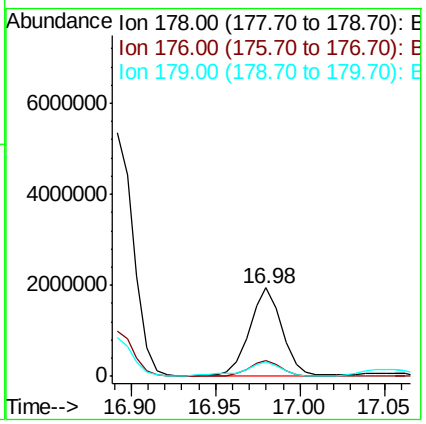


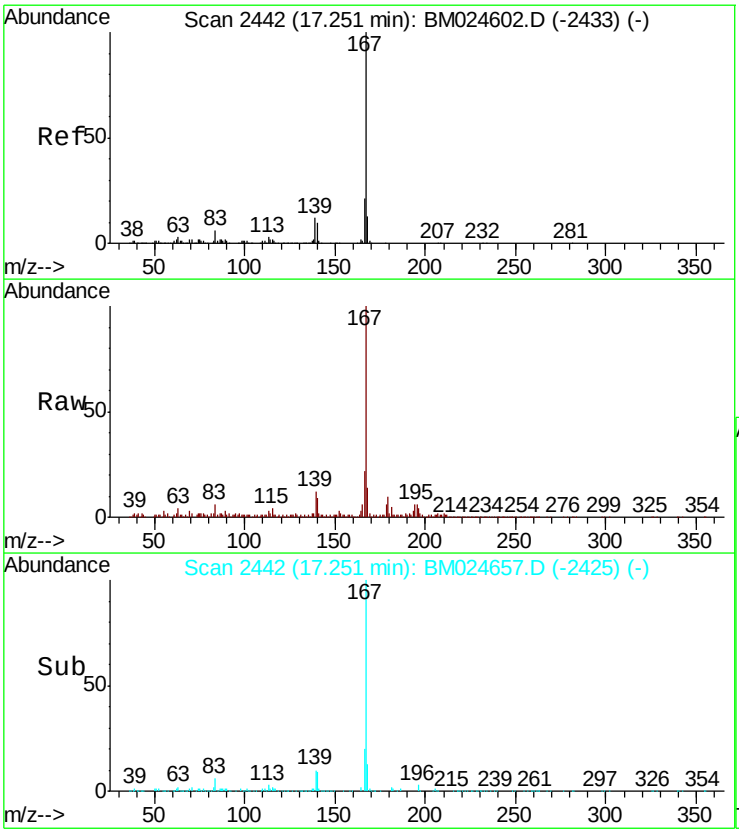
#72
Anthracene
Concen: 28.589 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2574363

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.3	21.5
179	15.8	12.1	18.1

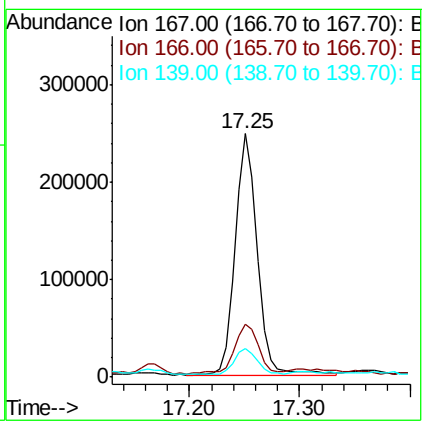


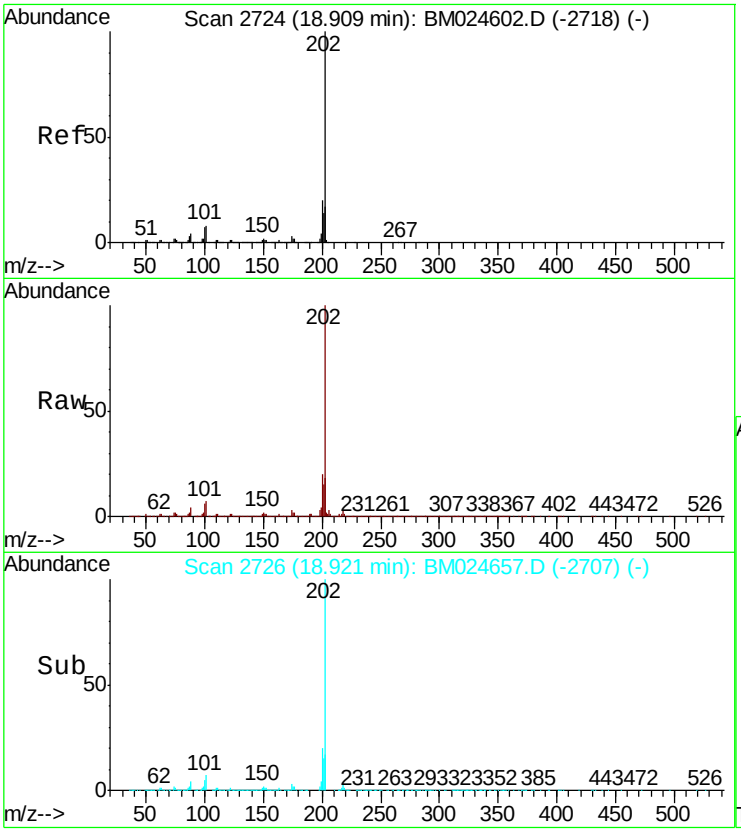


#73
Carbazole
Concen: 4.268 ng
RT: 17.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:167 Resp: 349834

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	11.8	9.8	14.8



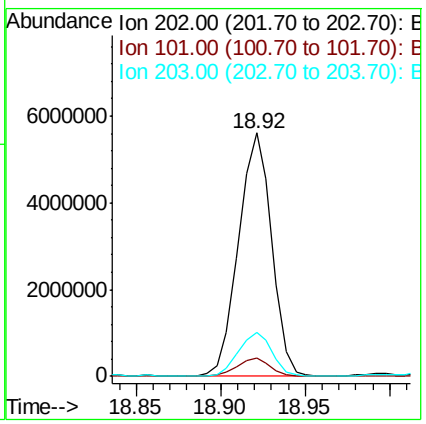


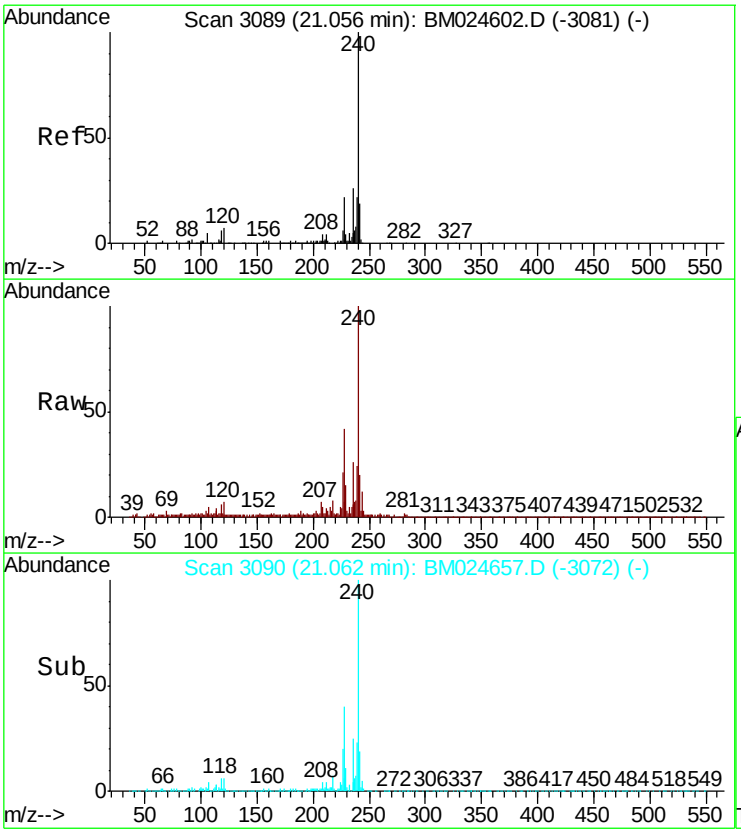
#75
Fluoranthene
Concen: 66.570 ng
RT: 18.92 min Scan# 2726
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 7646153

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.4
203	18.1	0.0	37.5

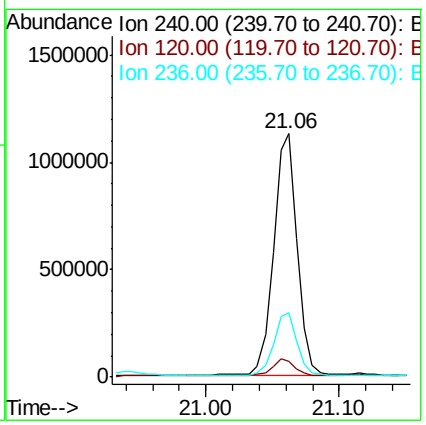


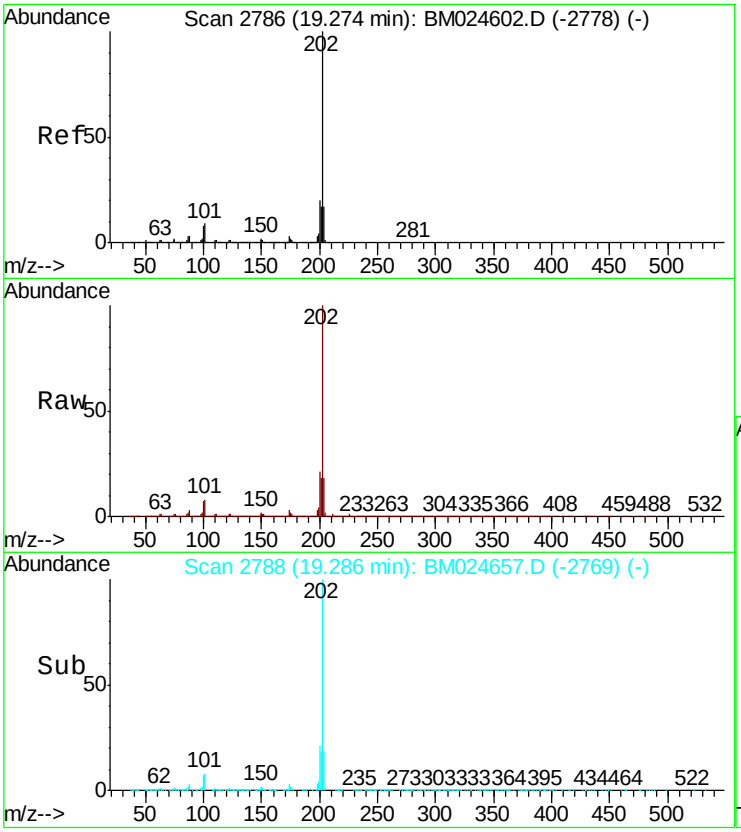


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:240 Resp: 1394403

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	26.3	20.6	31.0



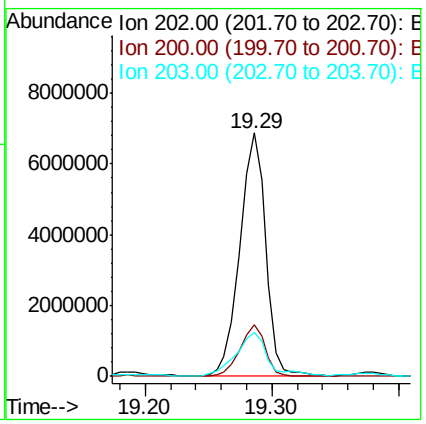


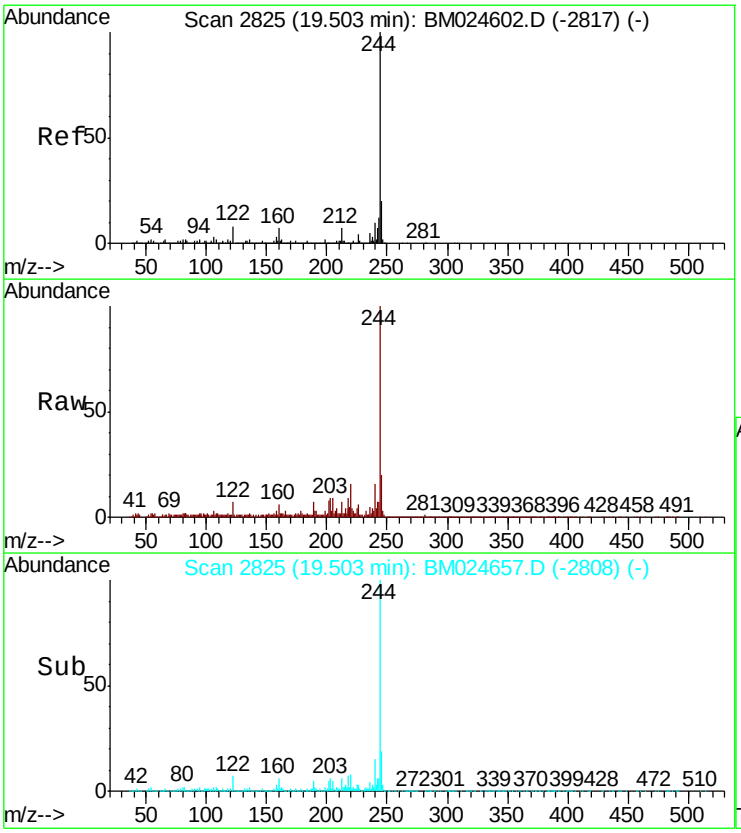
#78
Pyrene
Concen: 105.322 ng
RT: 19.29 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 9681682

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.2	24.2
203	18.0	14.0	21.0

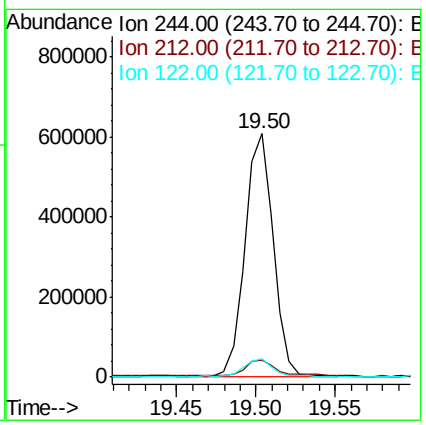


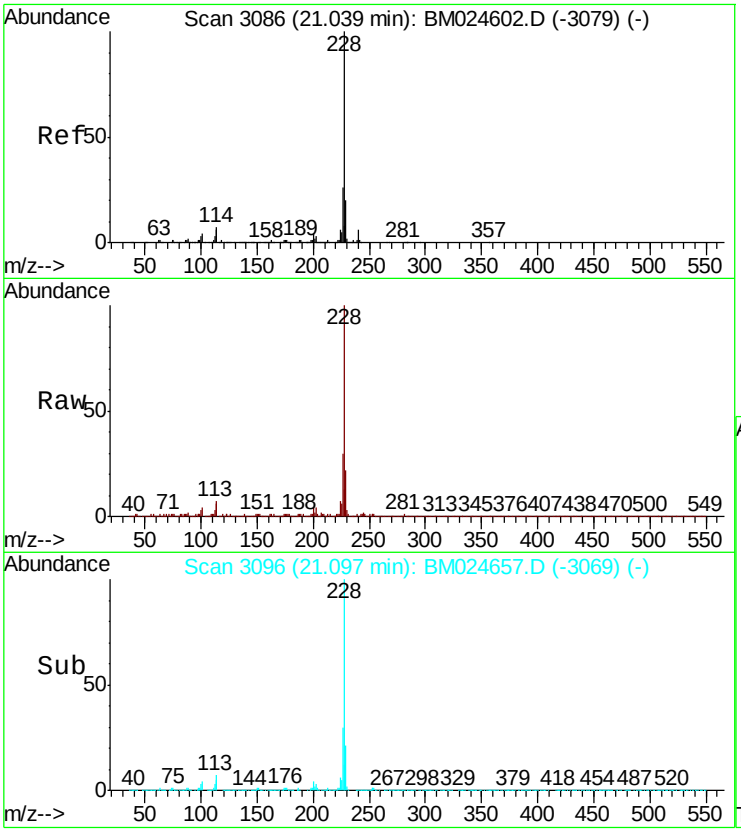


#79
Terphenyl-d14
Concen: 10.006 ng
RT: 19.50 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:244 Resp: 747334

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	7.3	6.2	9.4



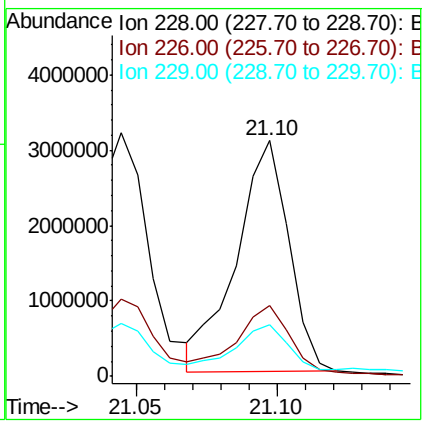


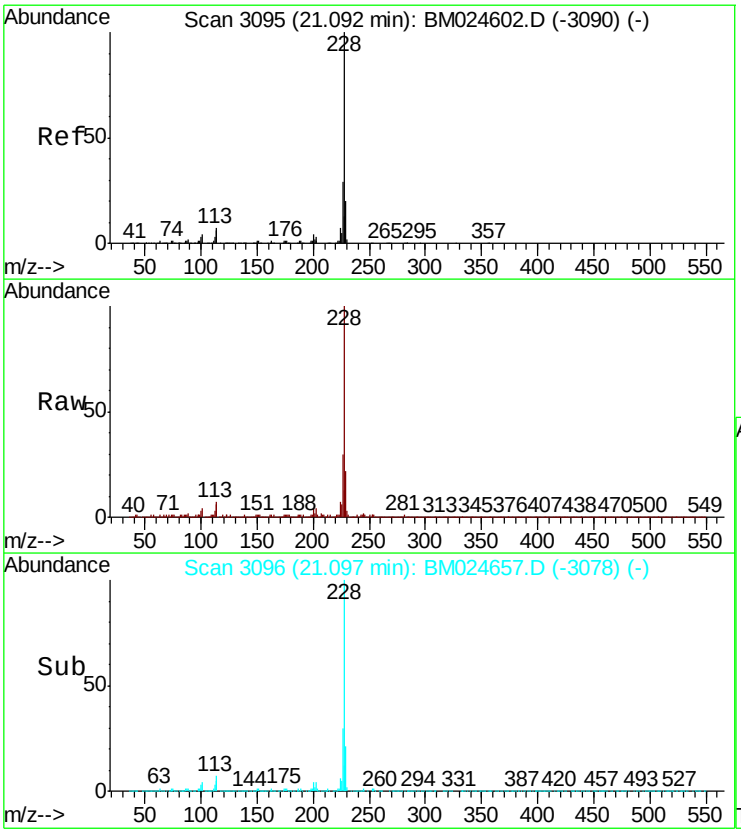
#81
Benzo(a)anthracene
Concen: 41.213 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.06 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3988579

Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.1	31.7
229	21.9	15.8	23.6

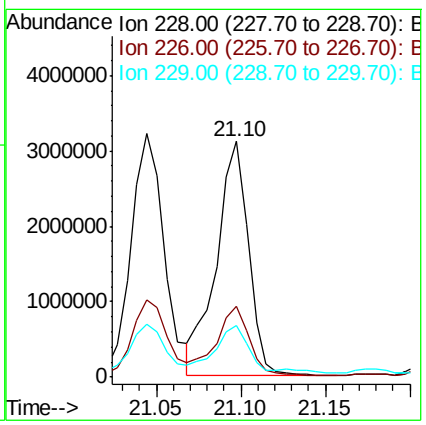


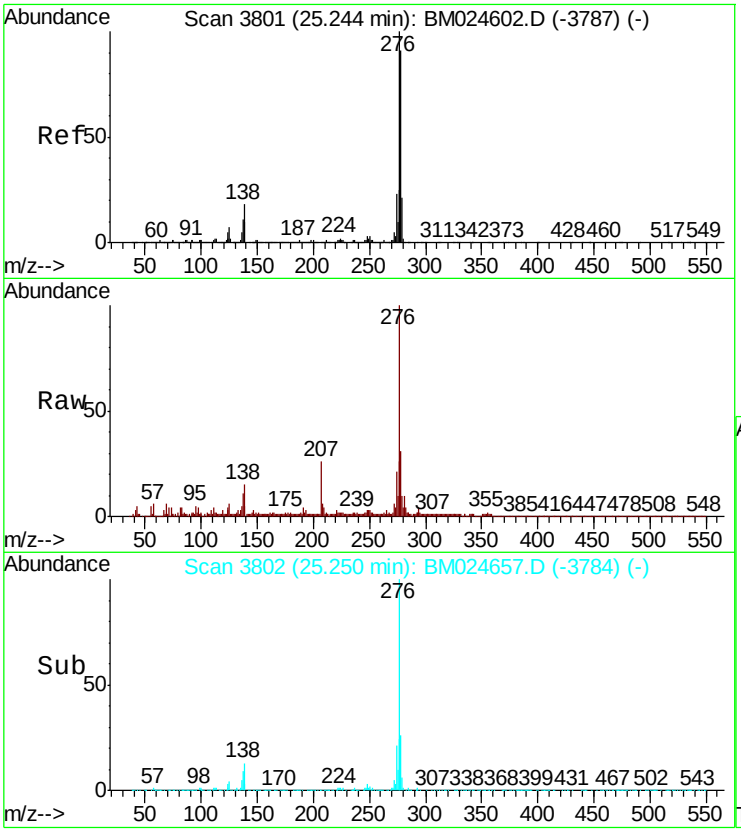


#83
Chrysene
Concen: 44.550 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:228 Resp: 4114087

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.2	34.8
229	21.9	15.7	23.5



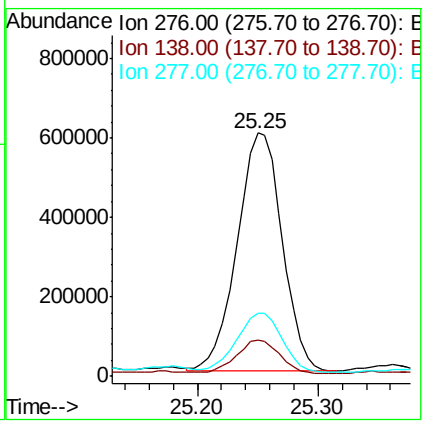


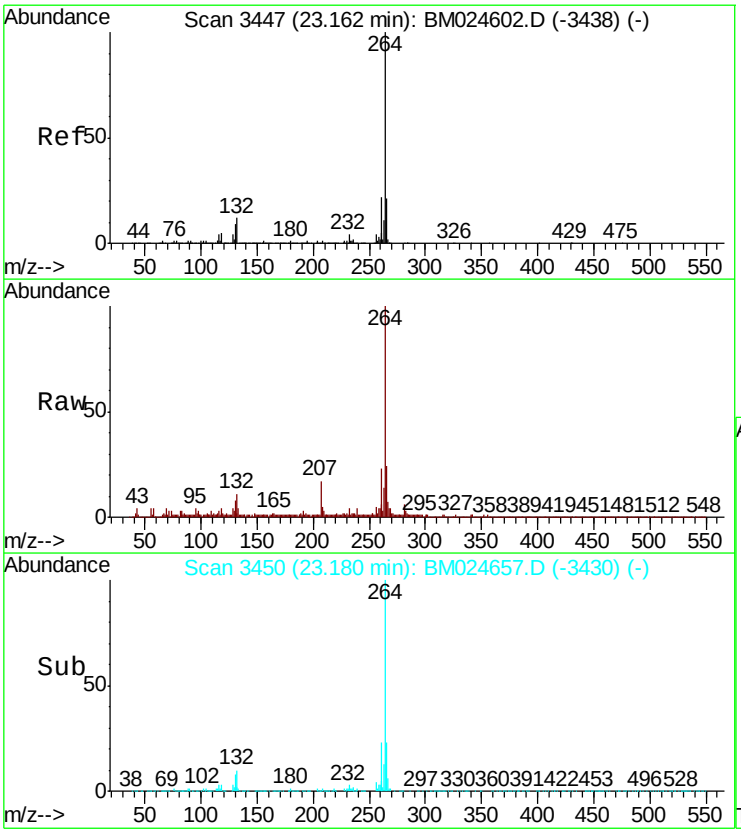
#86
Indeno(1,2,3-cd)pyrene
Concen: 15.463 ng
RT: 25.25 min Scan# 3802
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1556418

Ion	Ratio	Lower	Upper
276	100		
138	13.7	13.4	20.0
277	25.5	19.6	29.4

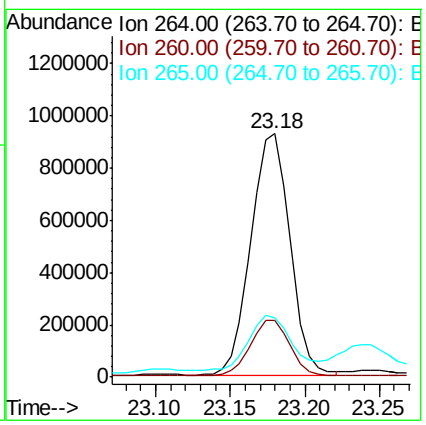


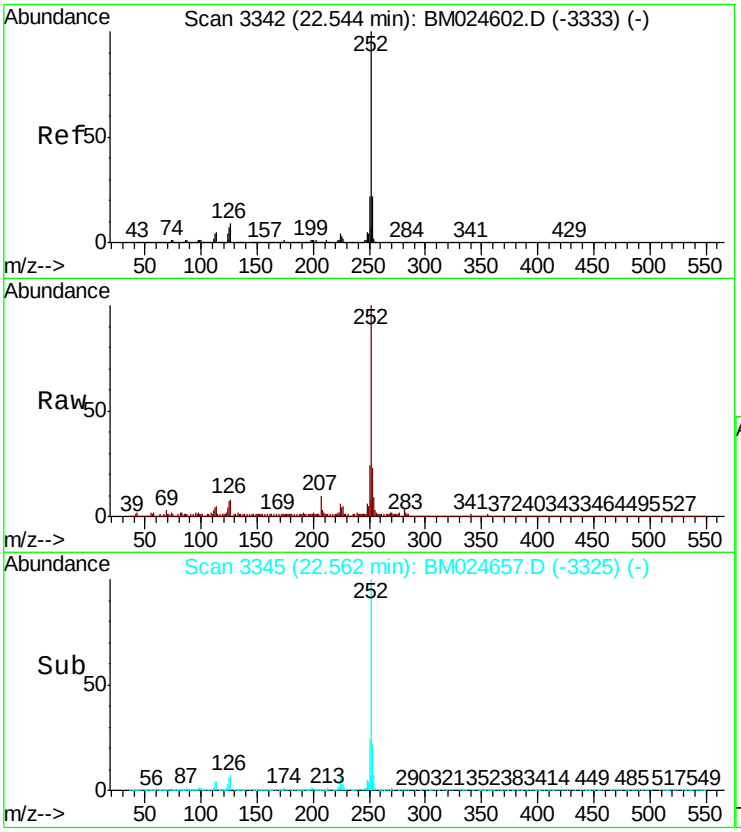


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.18 min Scan# 3450
Delta R.T. 0.02 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:264 Resp: 1666389

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	24.3	17.3	25.9



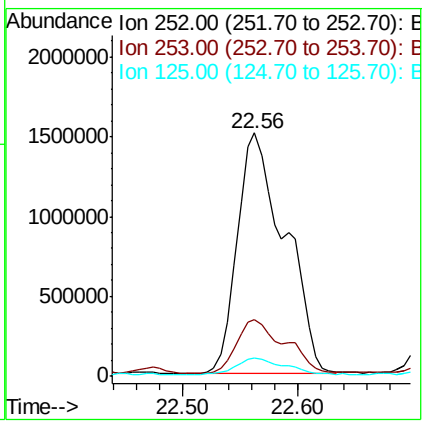


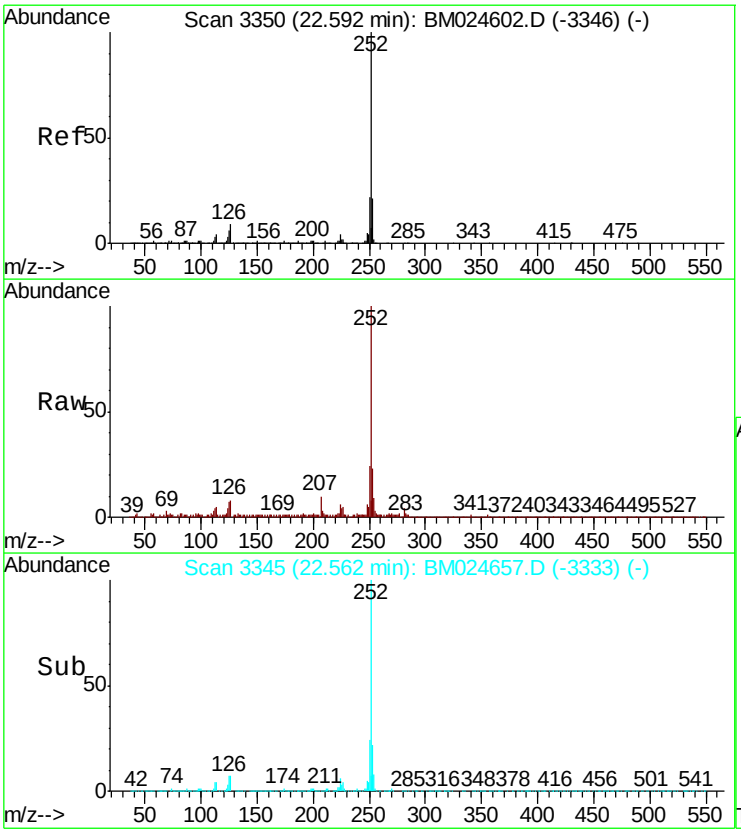
#88
Benzo(b)fluoranthene
Concen: 39.972 ng
RT: 22.56 min Scan# 3345
Delta R.T. 0.02 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4320049

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	7.3	5.7	8.5

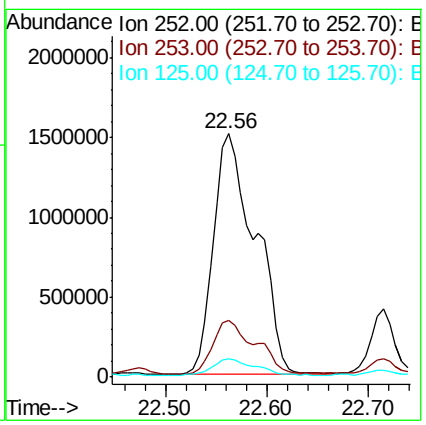


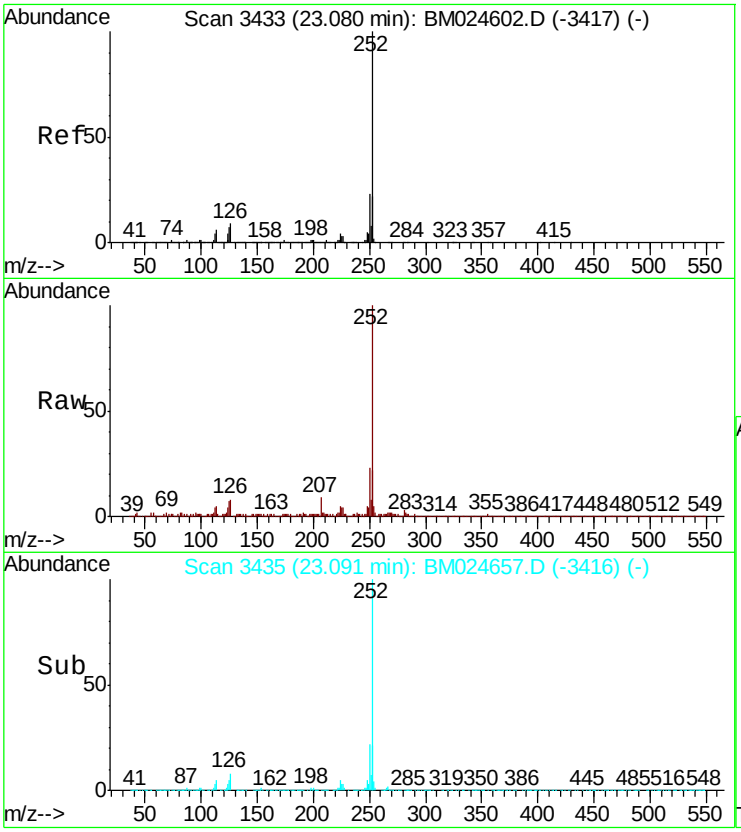


#89
Benzo(k)fluoranthene
Concen: 40.574 ng
RT: 22.56 min Scan# 3345
Delta R.T. -0.03 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:252 Resp: 4280358

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	7.3	5.2	7.8



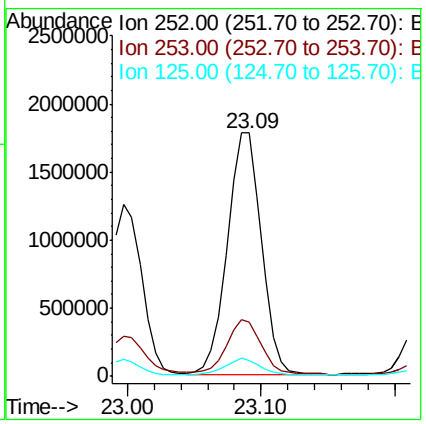


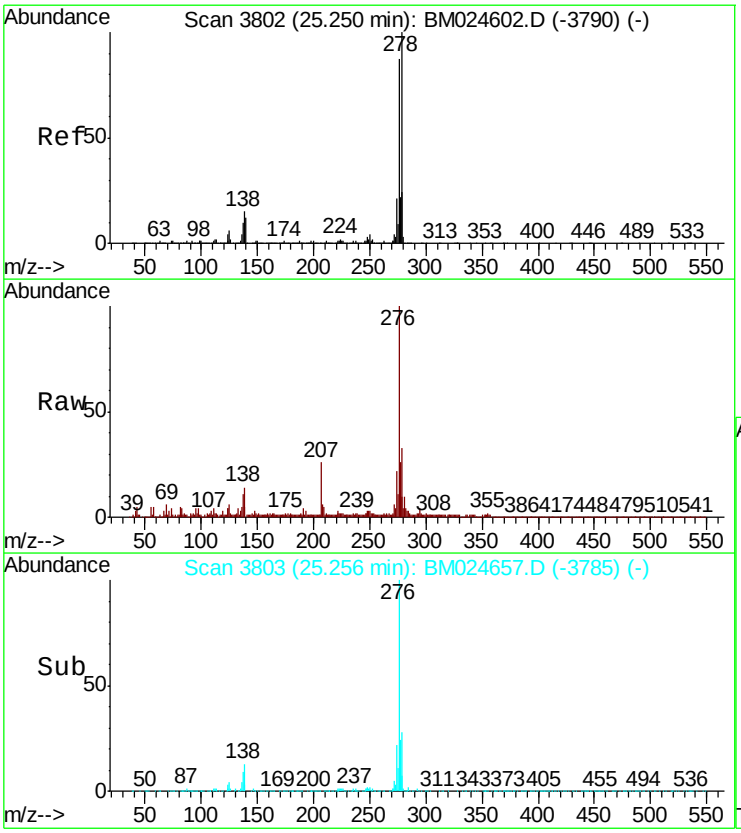
#90
Benzo(a)pyrene
Concen: 32.005 ng
RT: 23.09 min Scan# 3435
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3144876

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	6.6	5.8	8.8

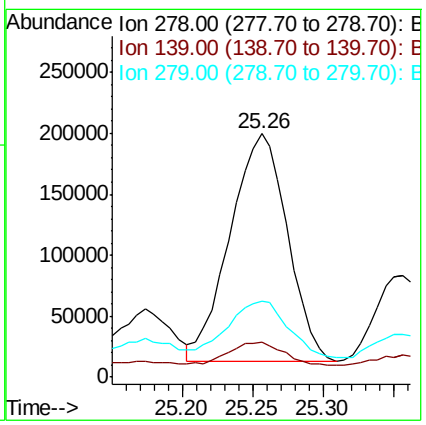


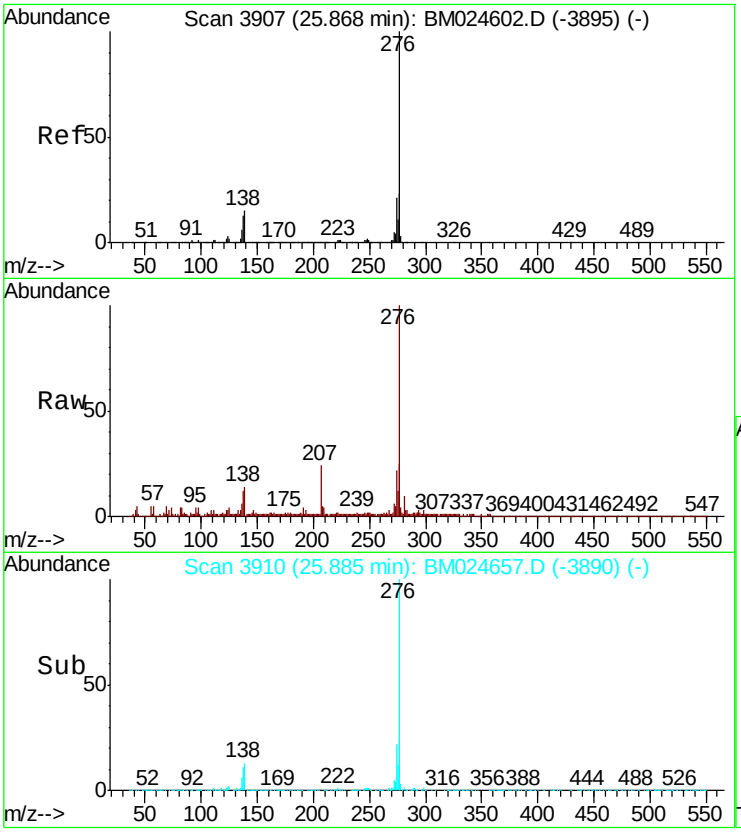


#91
Dibenzo(a,h)anthracene
Concen: 5.689 ng
RT: 25.26 min Scan# 3803
Delta R.T. 0.01 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Tgt Ion:278 Resp: 530534

Ion	Ratio	Lower	Upper
278	100		
139	14.4	9.3	13.9#
279	31.4	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 20.837 ng
RT: 25.89 min Scan# 3910
Delta R.T. 0.02 min
Lab File: BM024657.D
Acq: 29 Jan 2020 19:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1764556

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	13.8	11.9	17.9