Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
Data File : BM026840.D
Acq On : 22 Jul 2020 19:53
Operator : JU/CG
Sample : L3365-04 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 52-09-57

Quant Time: Jul 23 02:29:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	83433	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	307942	20.00	ng		0.00
39) Acenaphthene-d10	13.96	164	163267	20.00	ng		0.00
64) Phenanthrene-d10	16.72	188	329139	20.00	ng		0.00
76) Chrysene-d12	20.94	240	400637	20.00	ng		0.00
86) Perylene-d12	23.01	264	439382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	216434	43.48	ng		0.00
7) Phenol-d6	6.51	99	277332	34.97	ng		0.00
23) Nitrobenzene-d5	8.44	82	195819	27.13	ng		0.00
42) 2,4,6-Tribromophenol	15.47	330	75214	31.63	ng		0.00
45) 2-Fluorobiphenyl	12.57	172	340254	27.71	ng		0.00
79) Terphenyl-d14	19.38	244	472040	23.19	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.44	163	47598	3.408	ng		97
56) 4-Nitrophenol	14.37	139	5850	5.964	ng	#	1
62) 4-Nitroaniline	15.04	138	54	3.155	ng	#	6
71) Phenanthrene	16.76	178	394617	20.309	ng		99
72) Anthracene	16.85	178	84838	4.386	ng		97
73) Carbazole	17.14	167	37587	2.038	ng		98
75) Fluoranthene	18.79	202	779693	32.579	ng		99
78) Pyrene	19.16	202	692166	27.426	ng		99
81) Benzo(a)anthracene	20.93	228	428032	15.905	ng		99
83) Chrysene	20.98	228	414664	15.831	ng		96
87) Indeno(1,2,3-cd)pyrene	24.99	276	326304	10.432	ng		96
88) Benzo(b)fluoranthene	22.41	252	807489	27.892	ng		99
89) Benzo(k)fluoranthene	22.41	252	807489	28.435	ng		99
90) Benzo(a)pyrene	22.92	252	442408	16.461	ng		96
91) Dibenzo(a,h)anthracene	24.99	278	89055	3.373	ng	#	82
92) Benzo(g,h,i)perylene	25.60	276	328312	13.494	ng		99

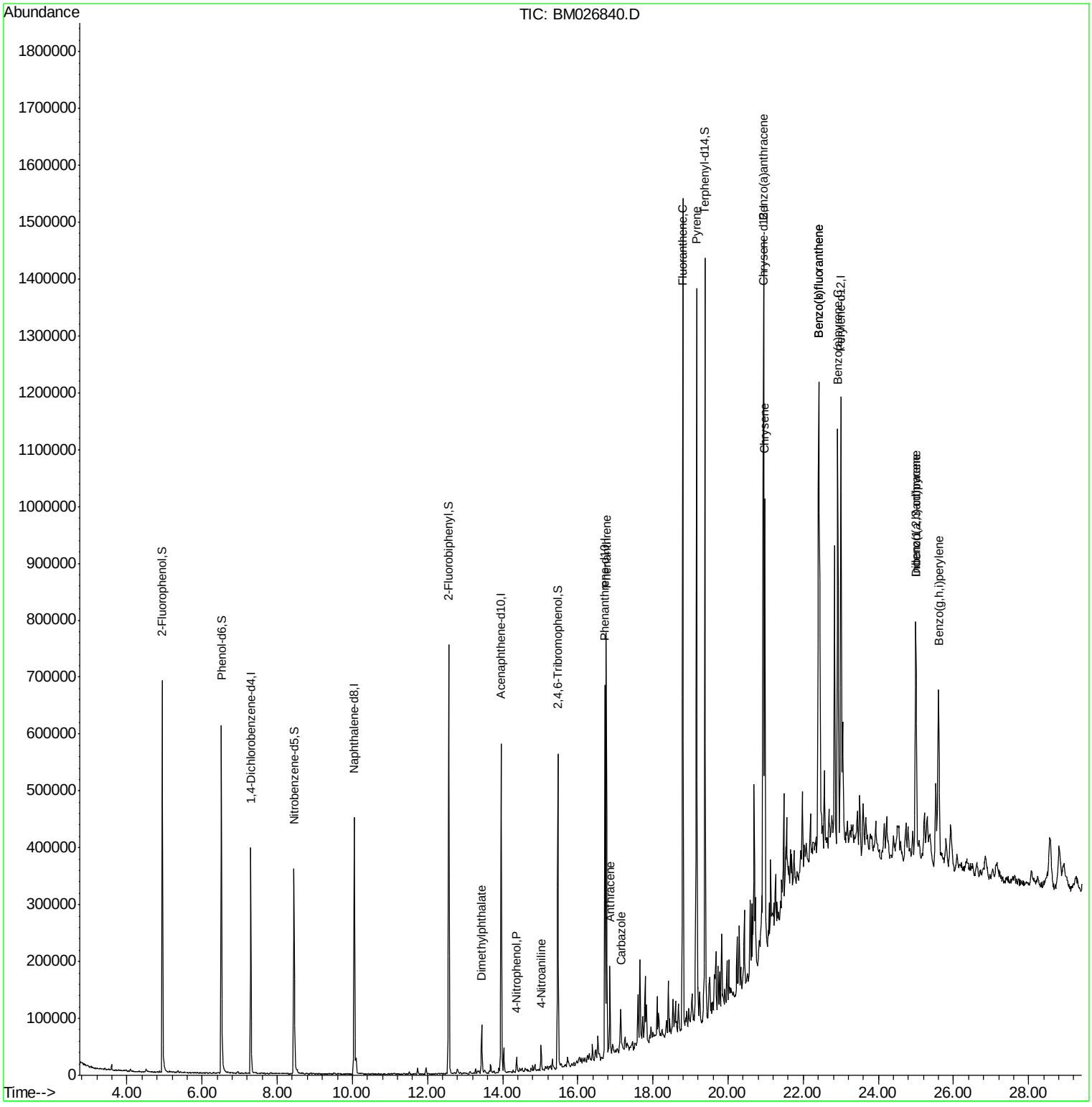
(#) = qualifier out of range (m) = manual integration (+) = signals summed

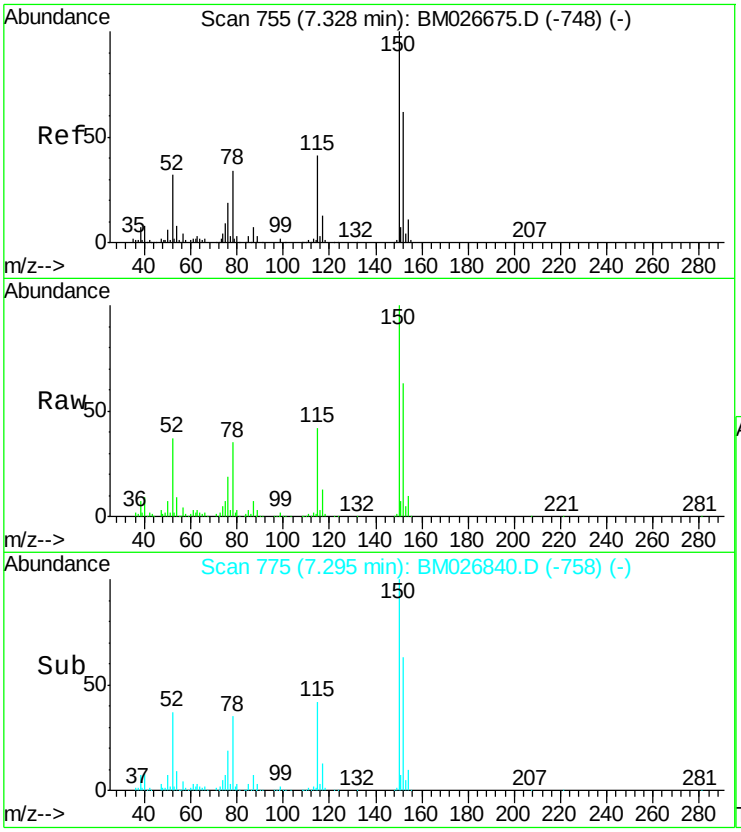
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
Data File : BM026840.D
Acq On : 22 Jul 2020 19:53
Operator : JU/CG
Sample : L3365-04 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 52-09-57

Quant Time: Jul 23 02:29:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration



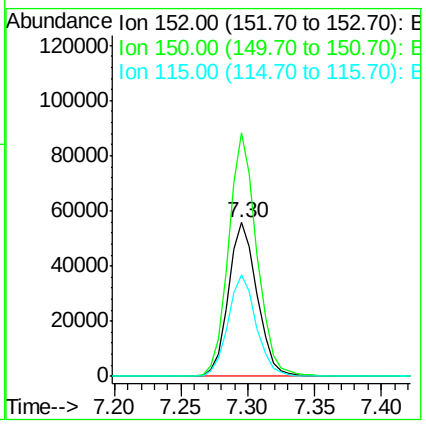


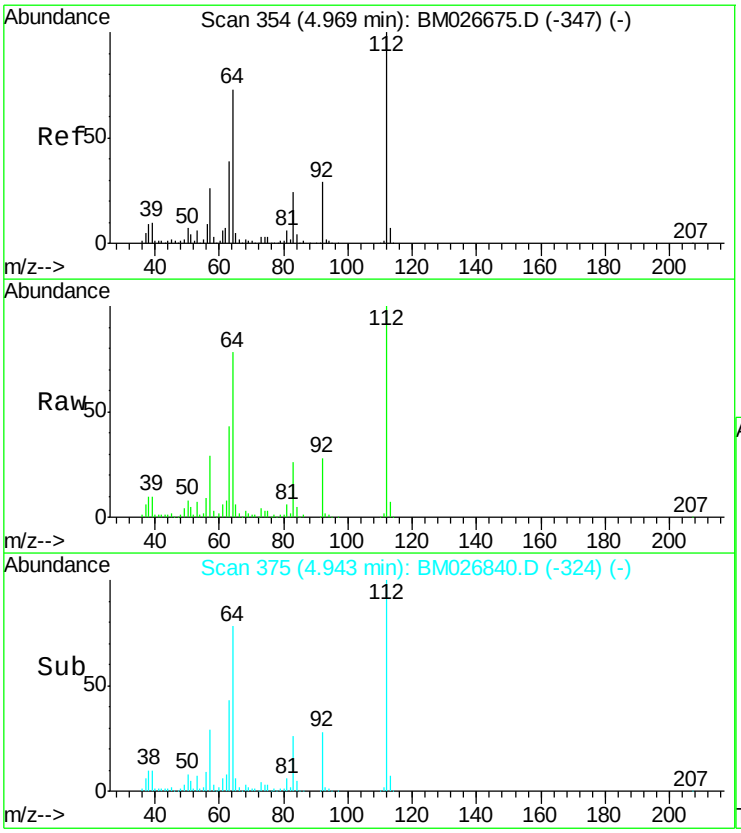
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:152 Resp: 83433

Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.1	192.1
115	66.0	52.2	78.4

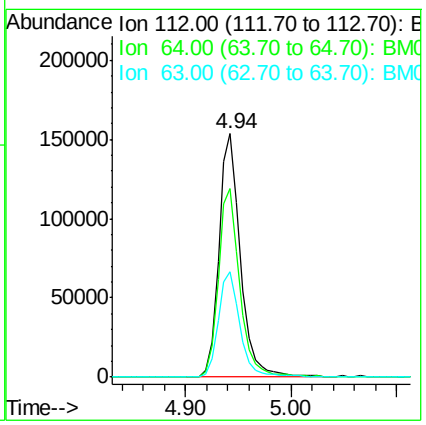


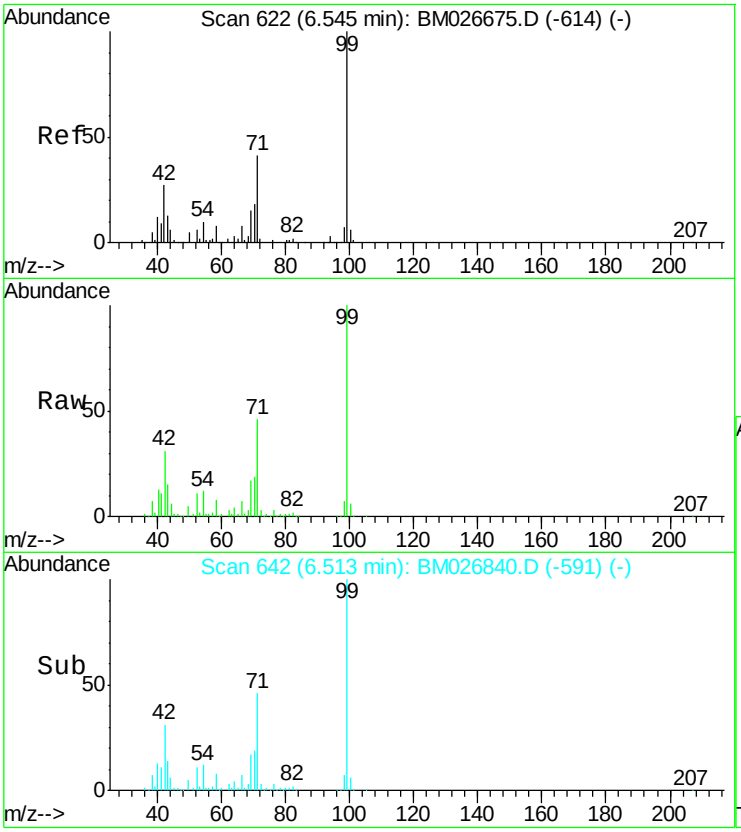


#5
2-Fluorophenol
Concen: 43.480 ng
RT: 4.94 min Scan# 375
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:112 Resp: 216434

Ion	Ratio	Lower	Upper
112	100		
64	77.6	58.4	87.6
63	43.2	31.5	47.3



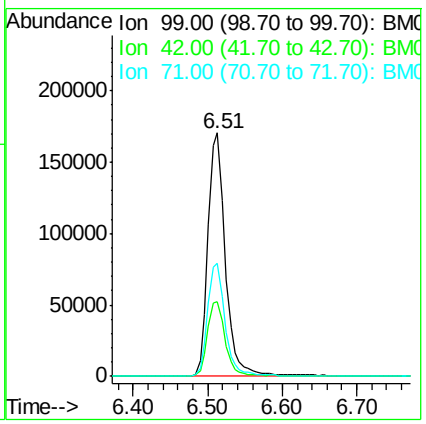


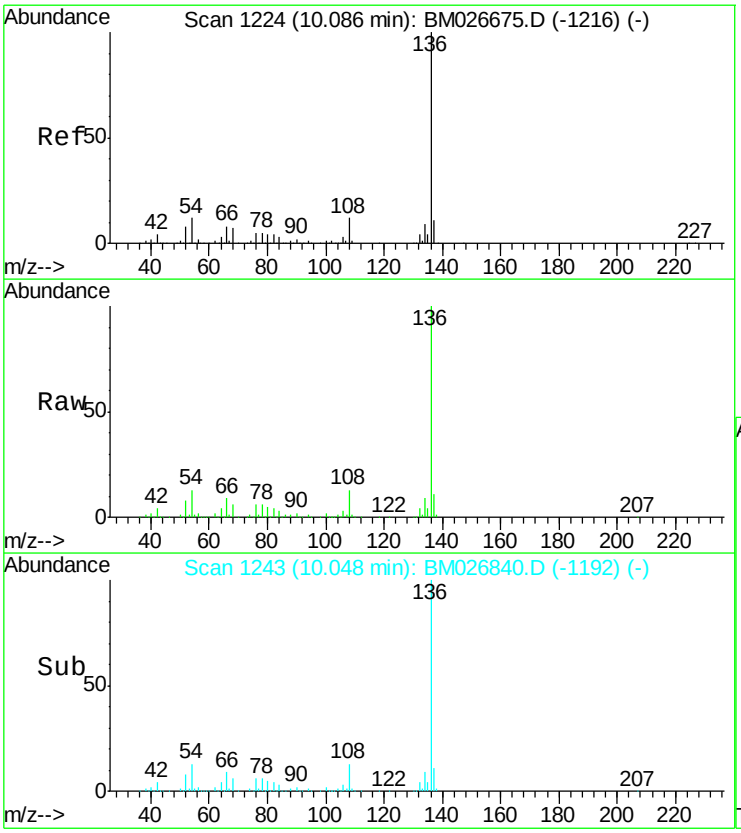
#7
Phenol-d6
Concen: 34.968 ng
RT: 6.51 min Scan# 642
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion: 99 Resp: 277332

Ion	Ratio	Lower	Upper
99	100		
42	30.9	21.7	32.5
71	46.3	33.2	49.8

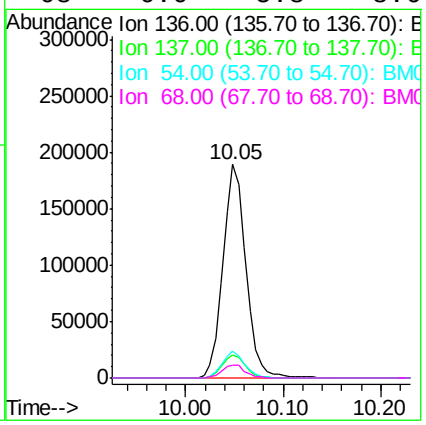


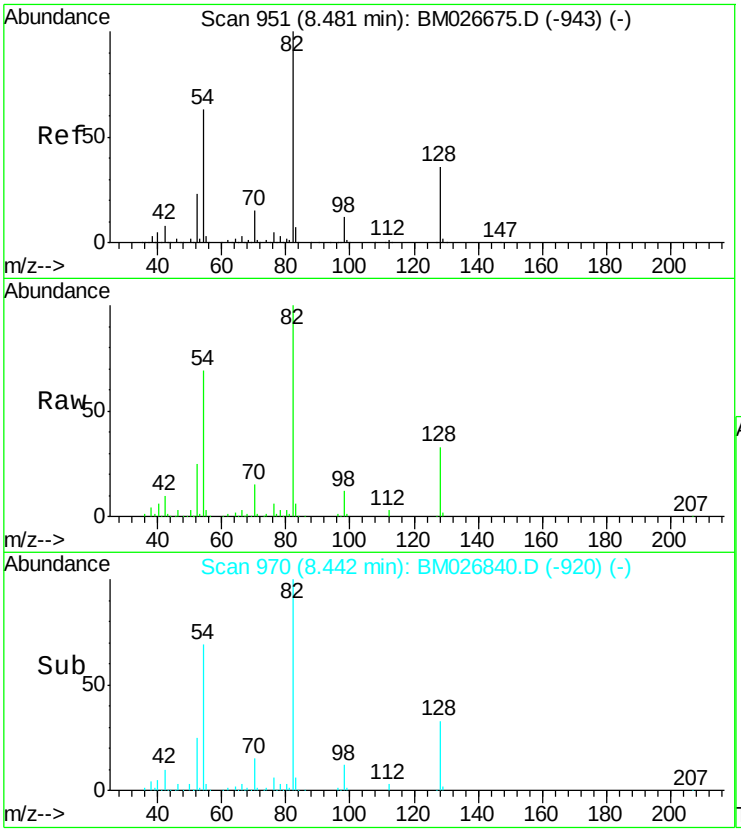


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:136 Resp: 307942

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	12.6	9.8	14.6
68	6.0	5.8	8.6



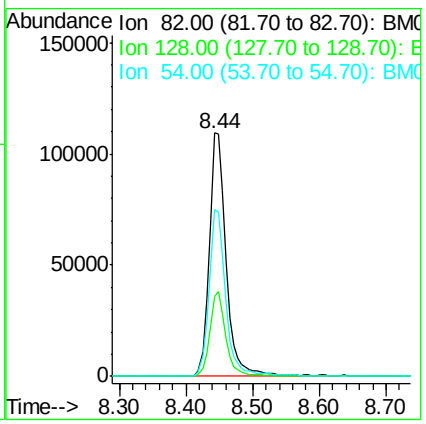


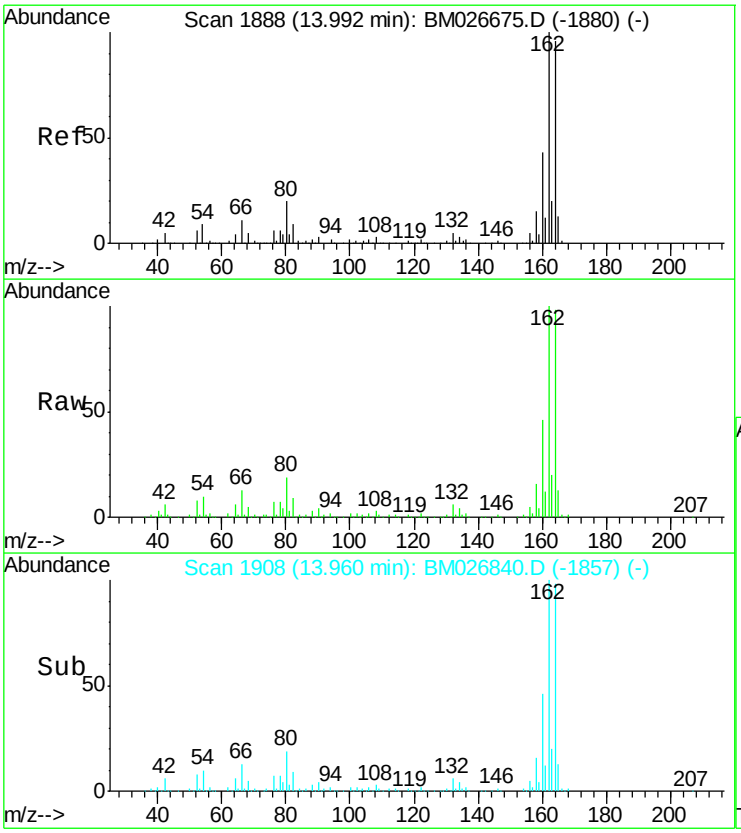
#23
Nitrobenzene-d5
Concen: 27.129 ng
RT: 8.44 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion: 82 Resp: 195819

Ion	Ratio	Lower	Upper
82	100		
128	32.6	29.1	43.7
54	68.7	50.2	75.4

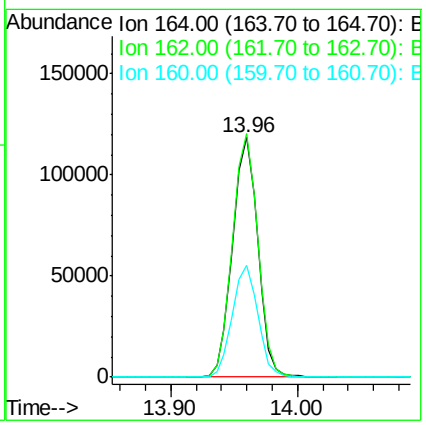


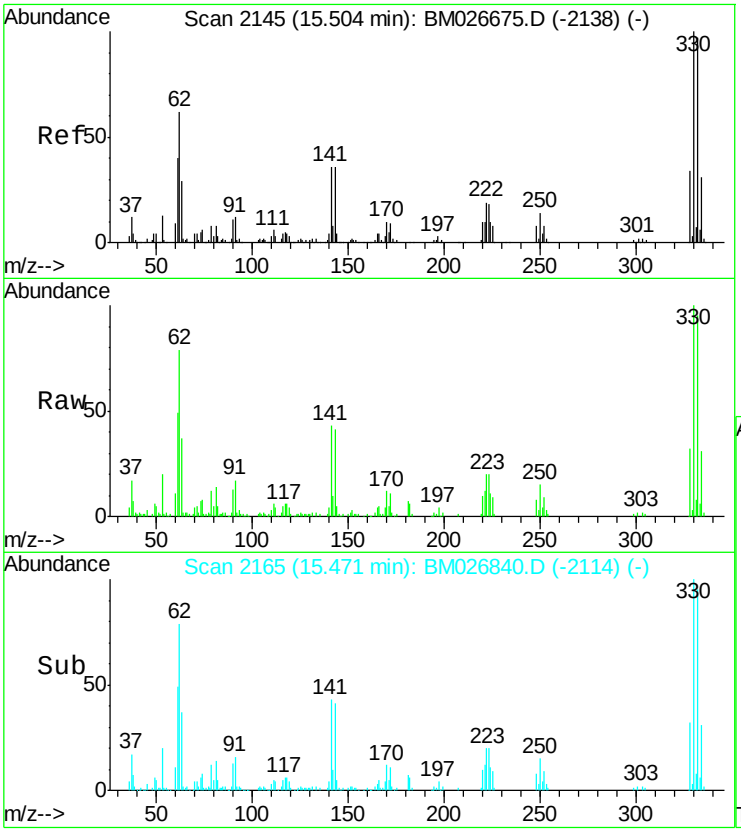


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:164 Resp: 163267

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.7	125.5
160	46.6	36.2	54.2



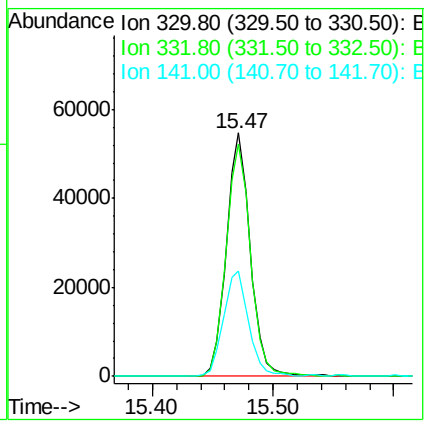


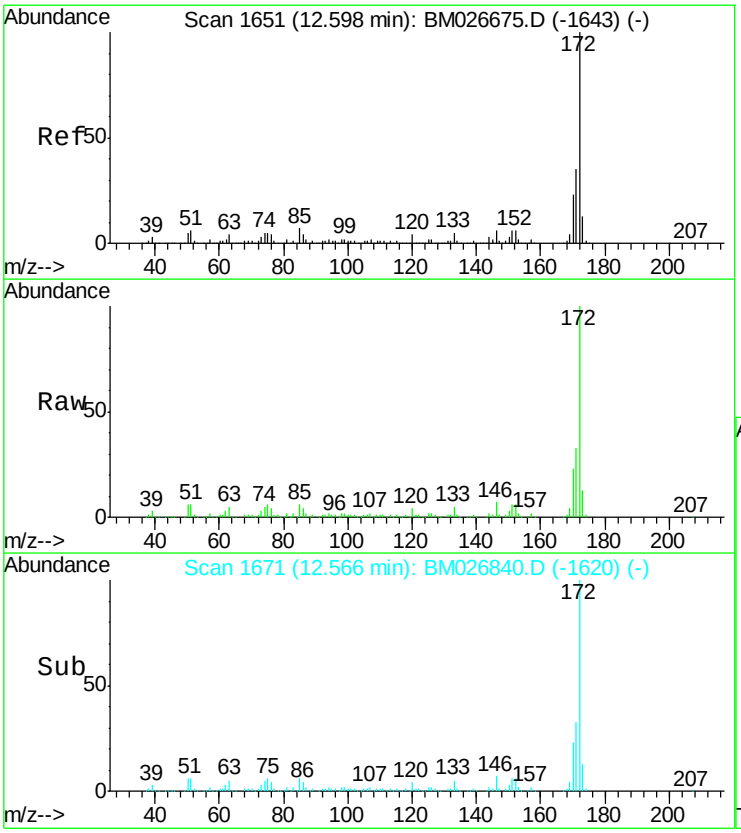
#42
2,4,6-Tribromophenol
Concen: 31.625 ng
RT: 15.47 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:330 Resp: 75214

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.5	116.3
141	45.6	32.4	48.6

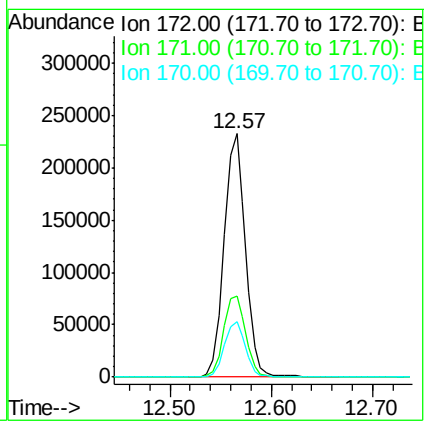


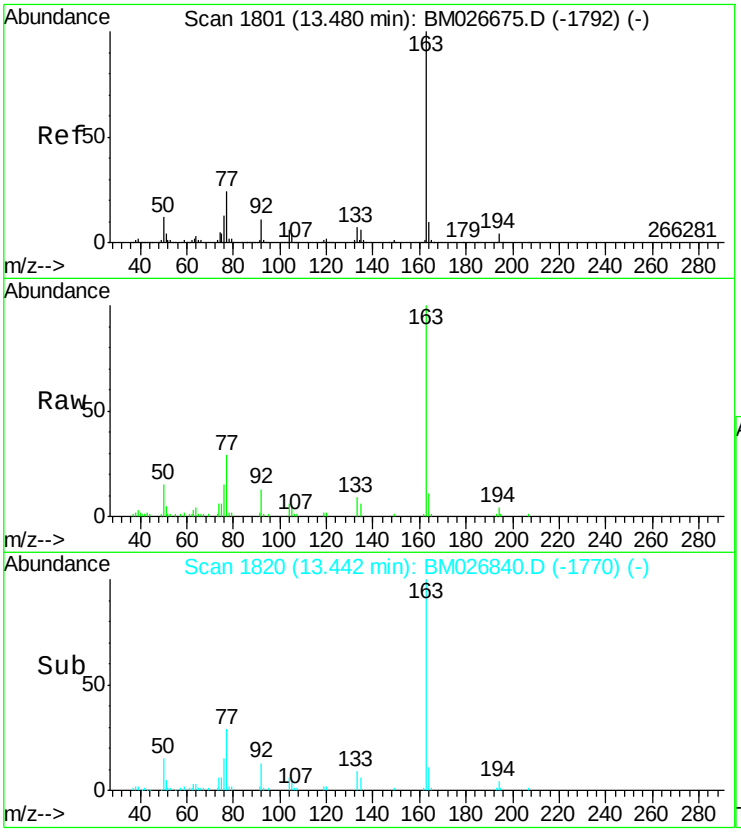


#45
2-Fluorobiphenyl
Concen: 27.710 ng
RT: 12.57 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:172 Resp: 340254

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.8	41.6
170	22.9	18.5	27.7



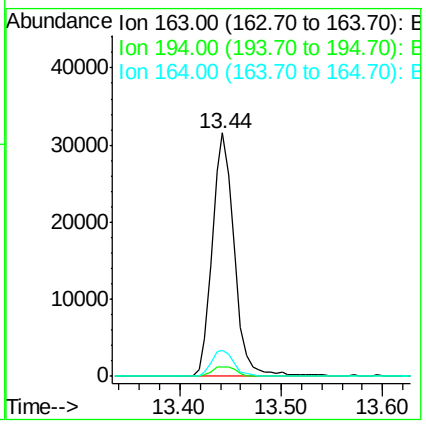


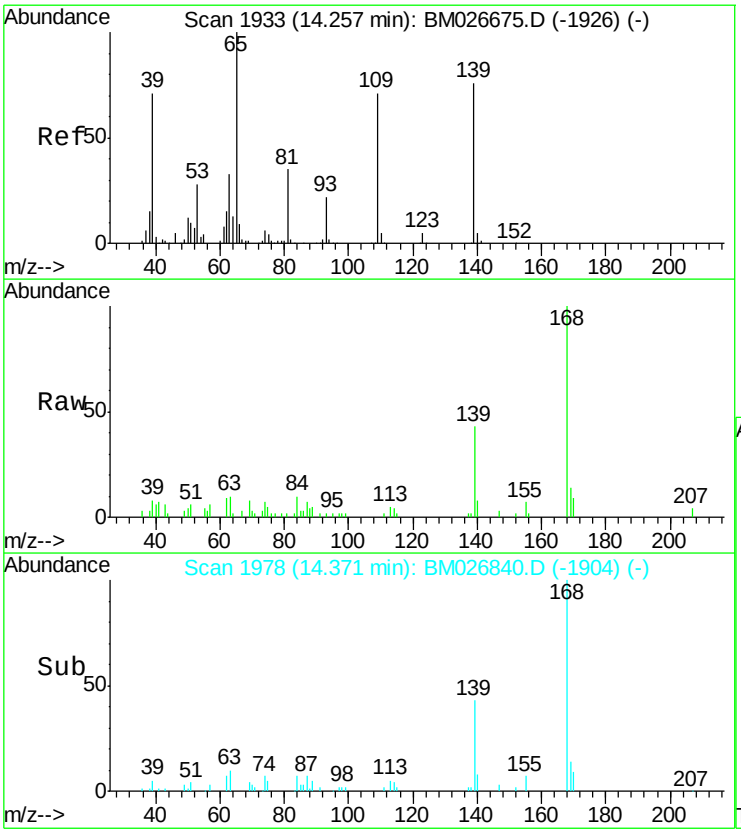
#50
Dimethylphthalate
Concen: 3.408 ng
RT: 13.44 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:163 Resp: 47598

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	10.7	7.8	11.6

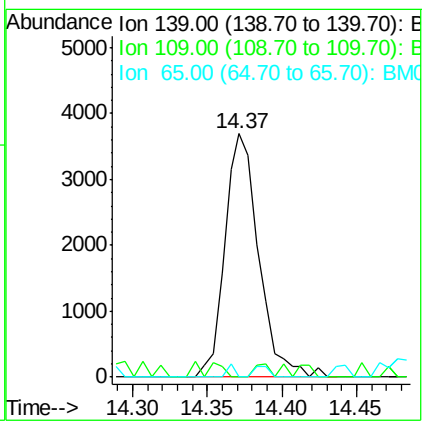


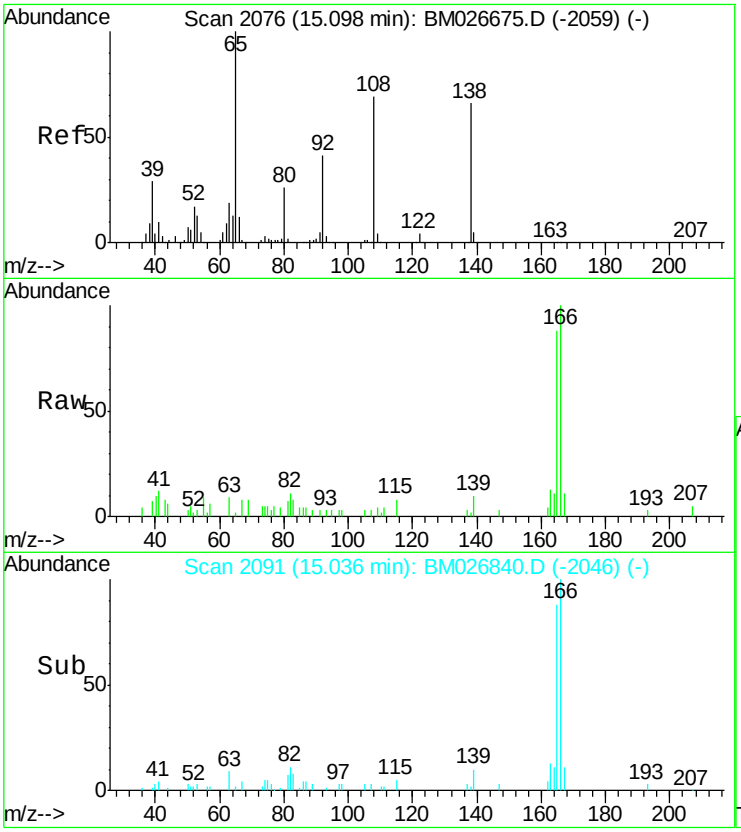


#56
4-Nitrophenol
Concen: 5.964 ng
RT: 14.37 min Scan# 1978
Delta R.T. 0.14 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:139 Resp: 5850

Ion	Ratio	Lower	Upper
139	100		
109	0.0	73.7	113.7#
65	0.0	111.5	151.5#



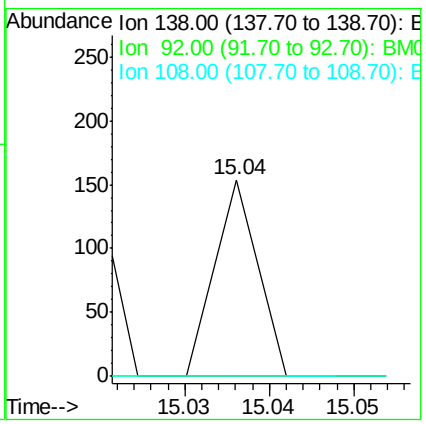


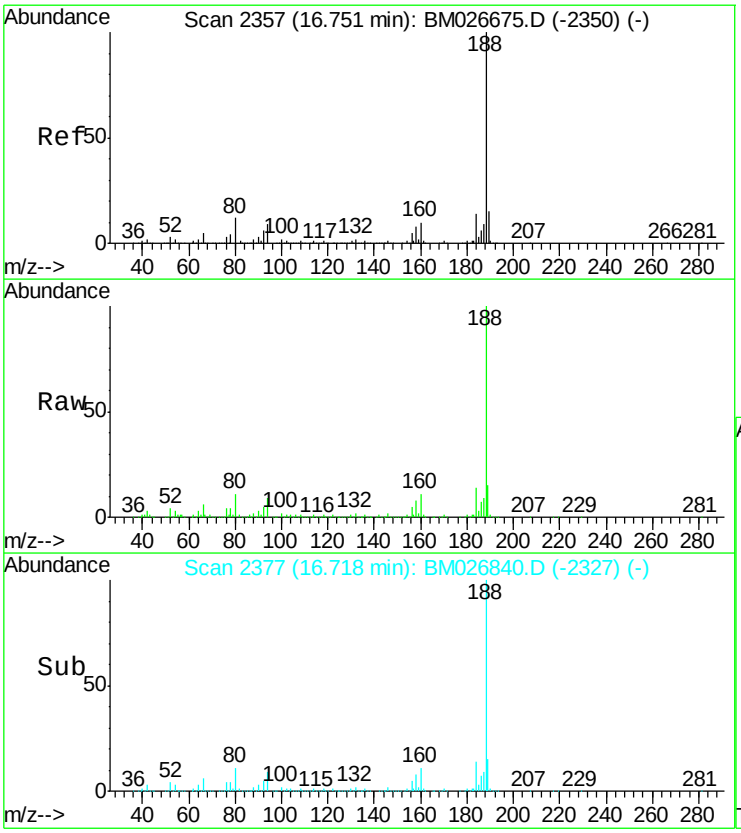
#62
4-Nitroaniline
Concen: 3.155 ng
RT: 15.04 min Scan# 2091
Delta R.T. -0.04 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:138 Resp: 54

Ion	Ratio	Lower	Upper
138	100		
92	0.0	41.5	81.5#
108	0.0	84.8	124.8#

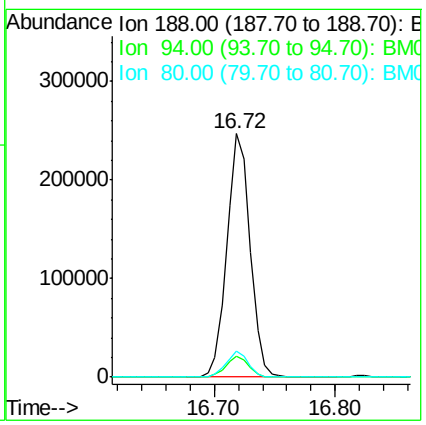


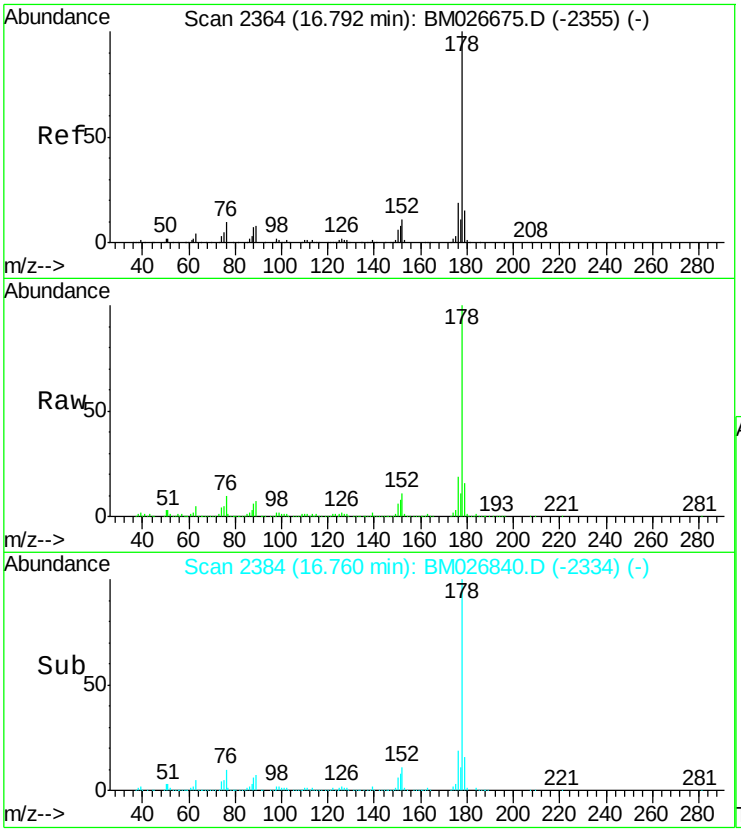


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:188 Resp: 329139

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.0
80	10.7	9.3	13.9



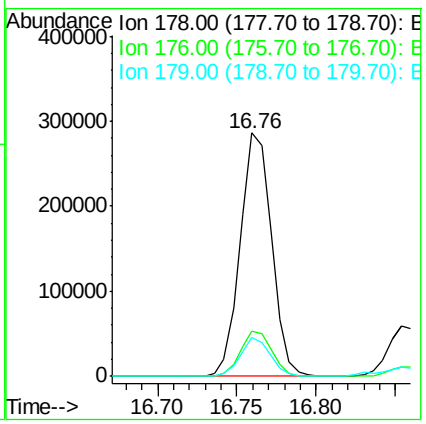


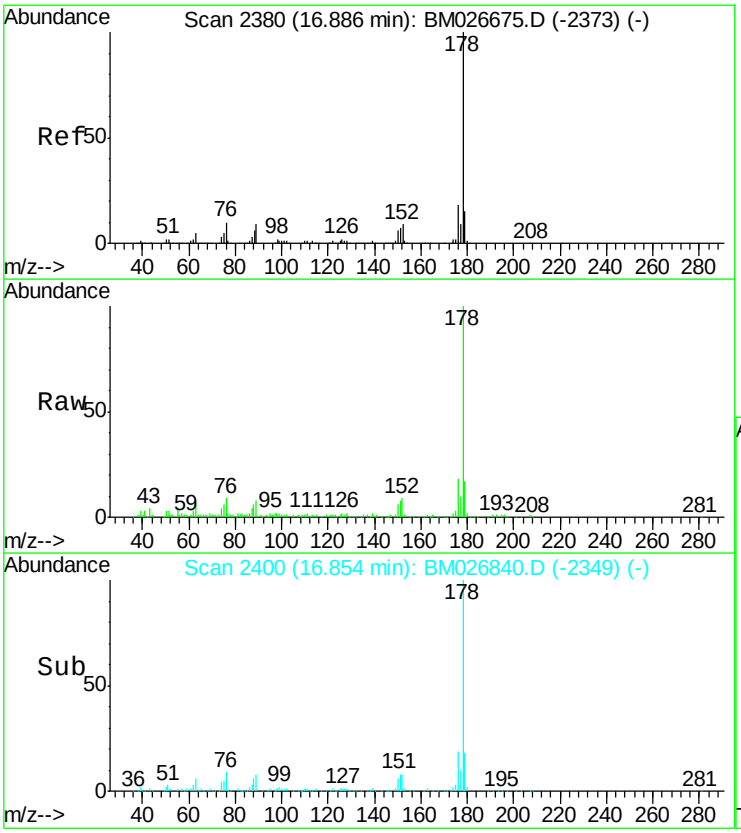
#71
Phenanthrene
Concen: 20.309 ng
RT: 16.76 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:178 Resp: 394617

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.8	12.1	18.1

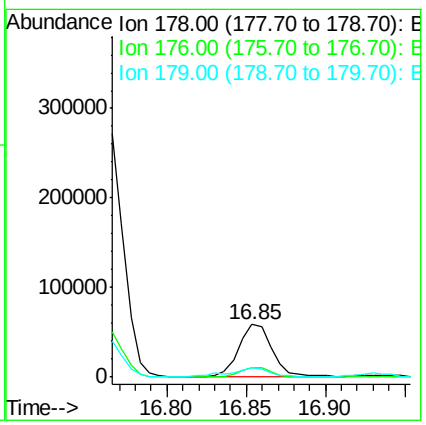


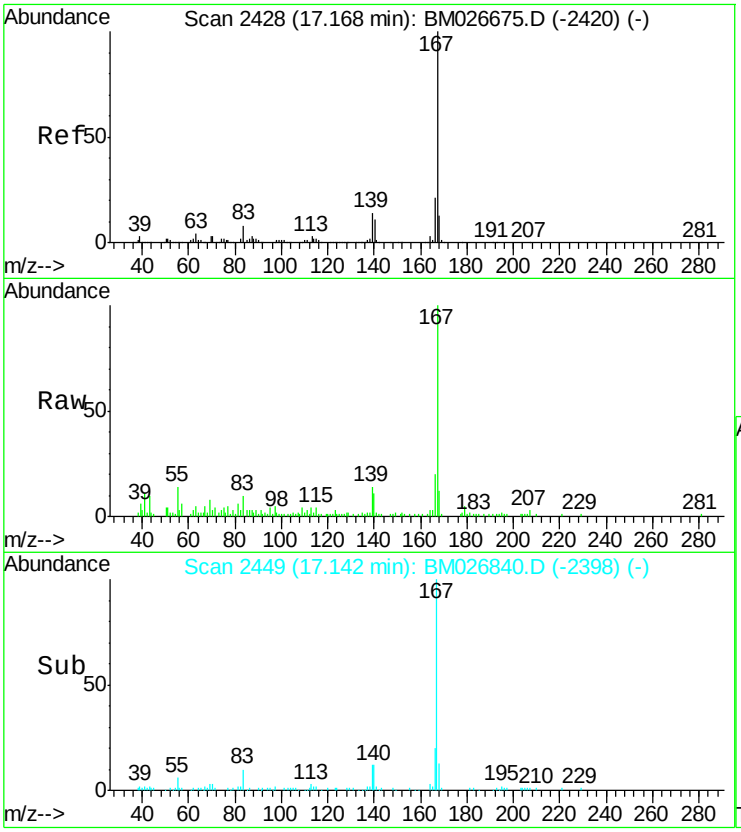


#72
Anthracene
Concen: 4.386 ng
RT: 16.85 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:178 Resp: 84838

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	17.5	12.1	18.1



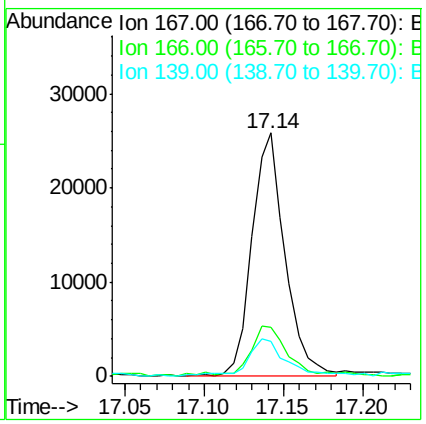


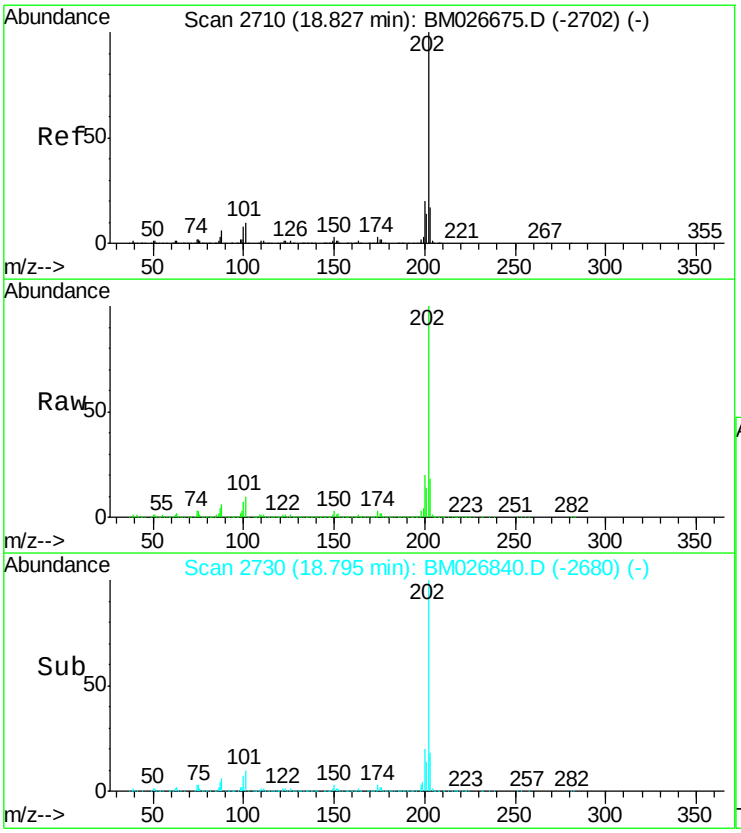
#73
Carbazole
Concen: 2.038 ng
RT: 17.14 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:167 Resp: 37587

Ion	Ratio	Lower	Upper
167	100		
166	20.0	16.9	25.3
139	14.3	10.8	16.2

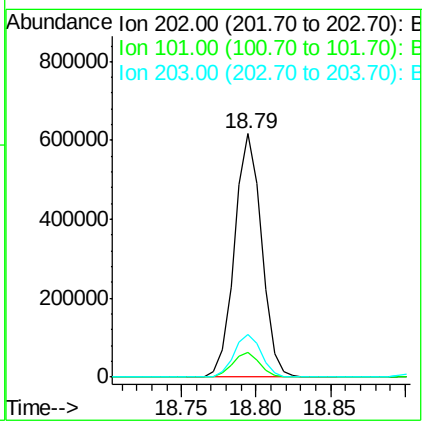


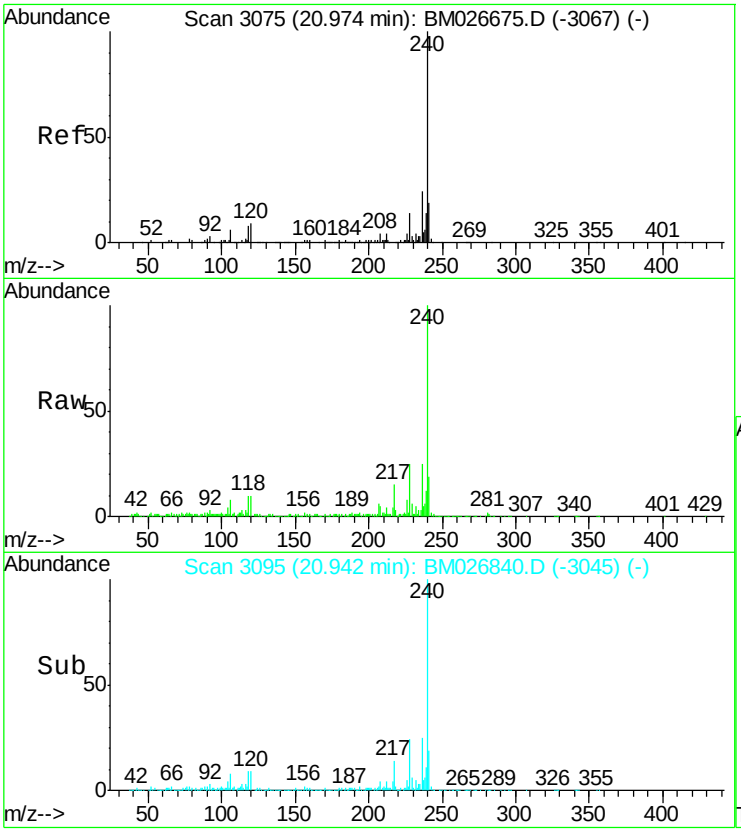


#75
Fluoranthene
Concen: 32.579 ng
RT: 18.79 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:202 Resp: 779693

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.1
203	17.7	0.0	37.2



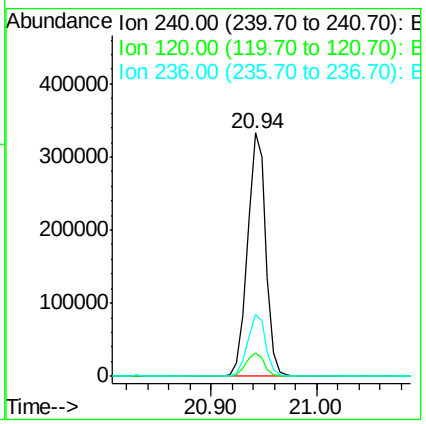


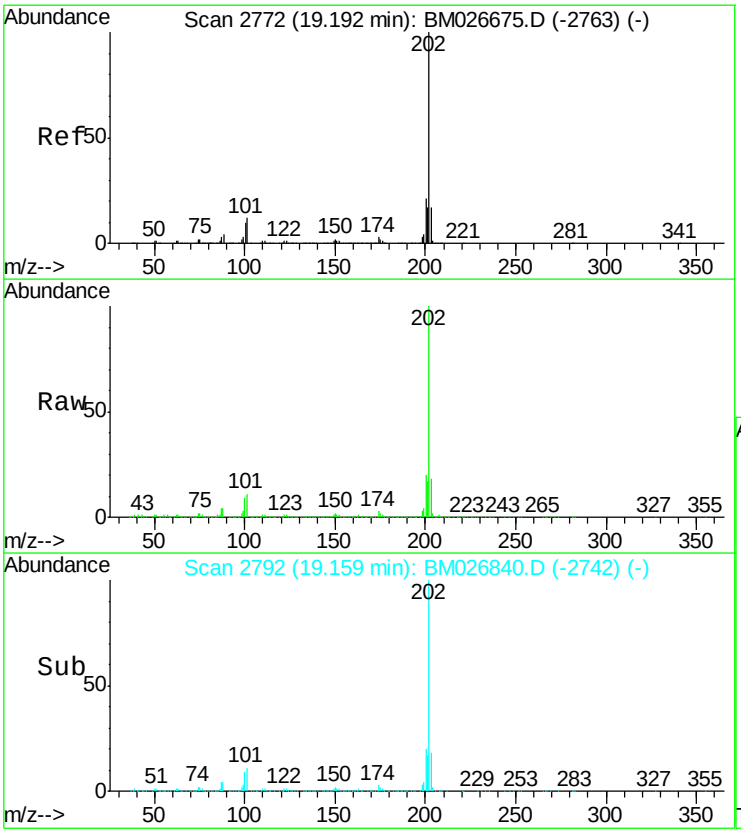
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:240 Resp: 400637

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.3	10.9
236	25.4	19.4	29.2

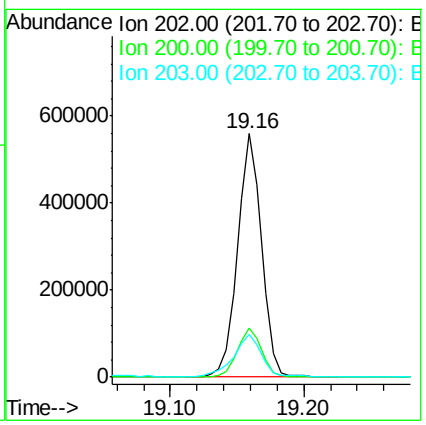


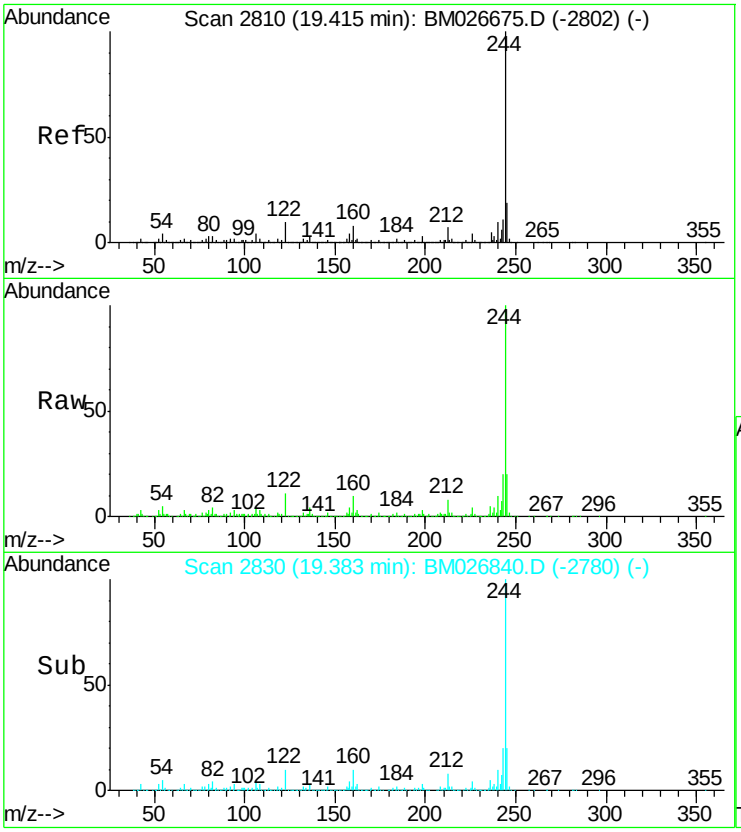


#78
Pyrene
Concen: 27.426 ng
RT: 19.16 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:202 Resp: 692166

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.7	13.7	20.5



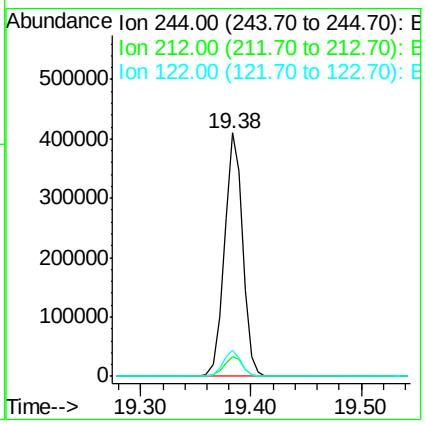


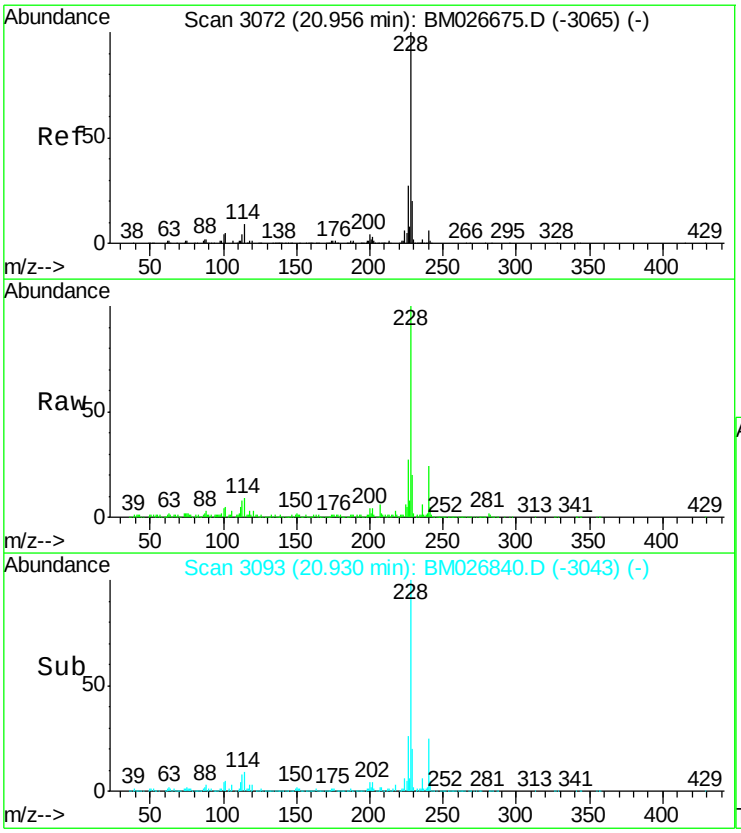
#79
Terphenyl-d14
Concen: 23.188 ng
RT: 19.38 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:244 Resp: 472040

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.9	8.9
122	10.5	8.2	12.4

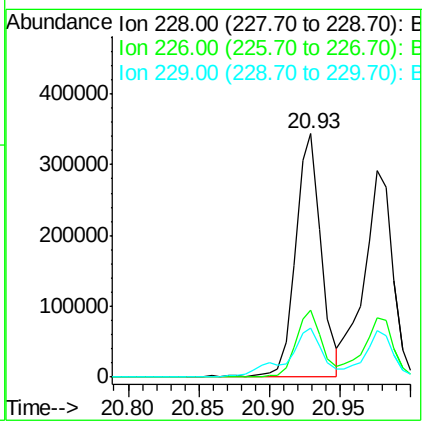


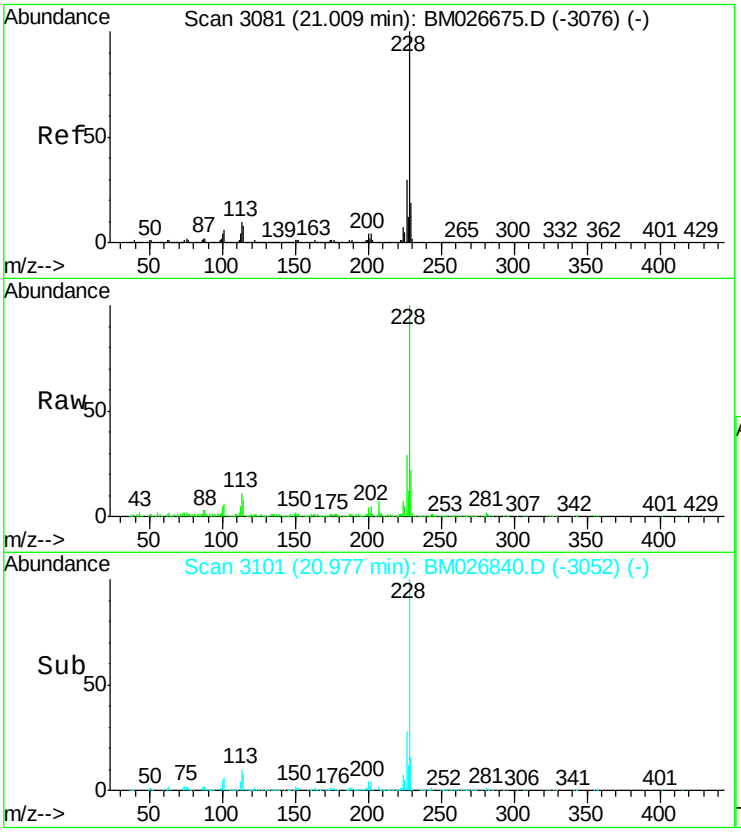


#81
Benzo(a)anthracene
Concen: 15.905 ng
RT: 20.93 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:228 Resp: 428032

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.2
229	20.2	15.6	23.4



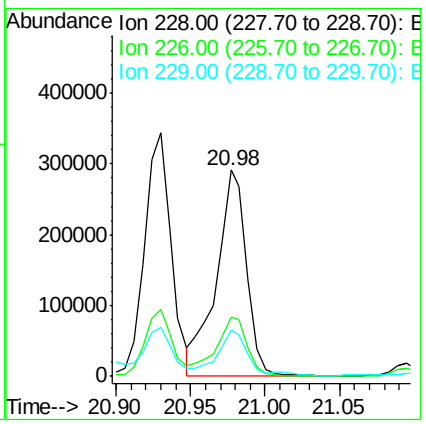


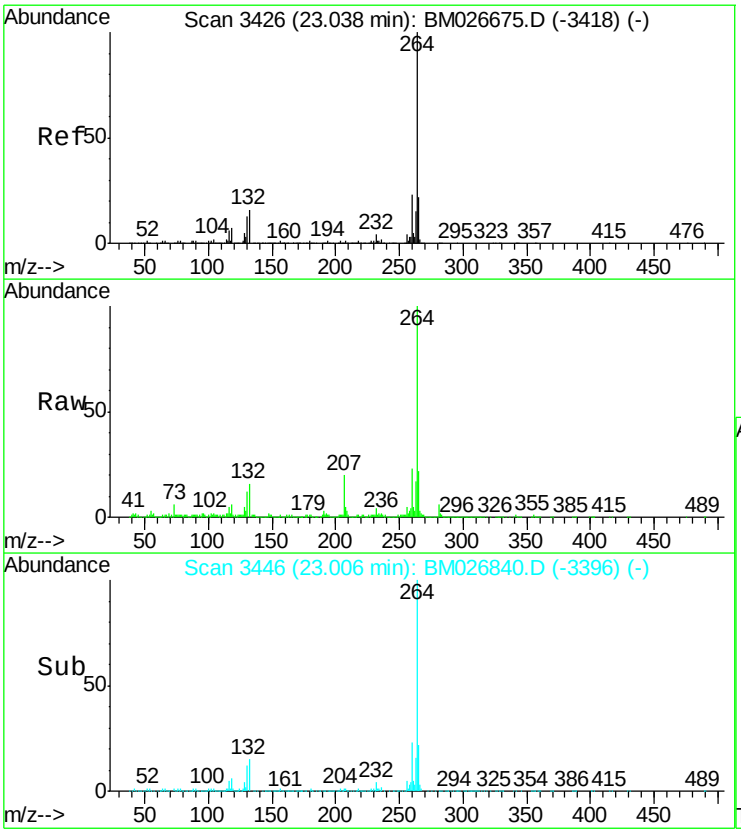
#83
Chrysene
Concen: 15.831 ng
RT: 20.98 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:228 Resp: 414664

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.7	35.5
229	22.4	15.4	23.0

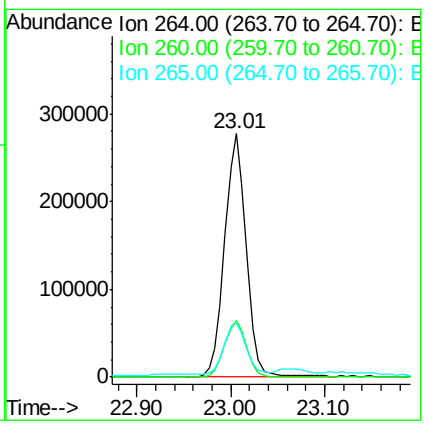


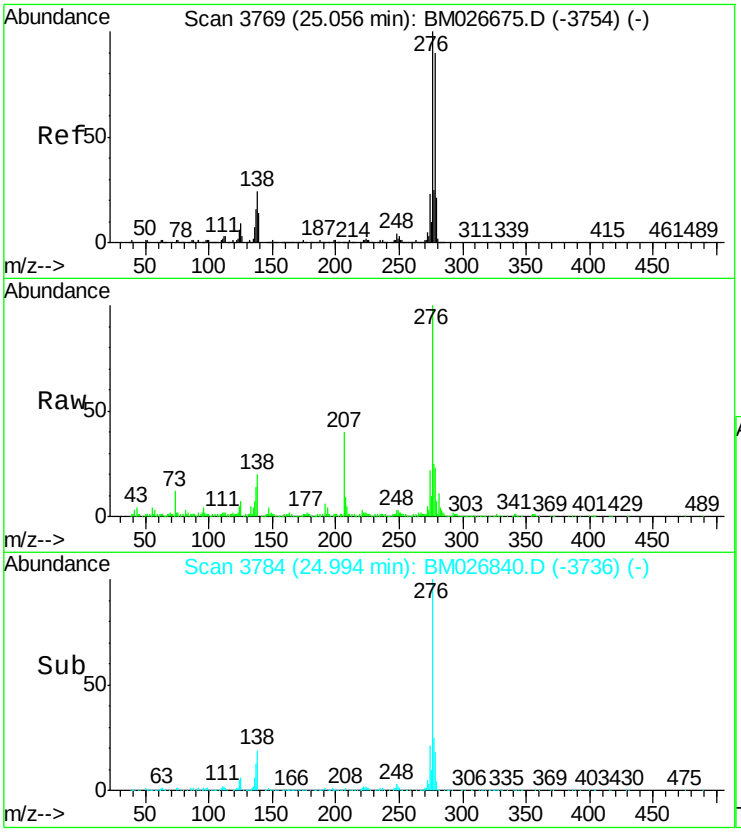


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:264 Resp: 439382

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.4	17.6	26.4



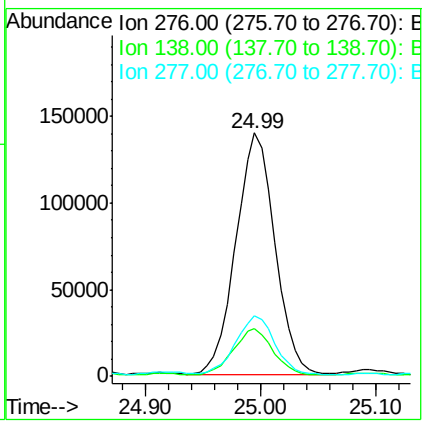


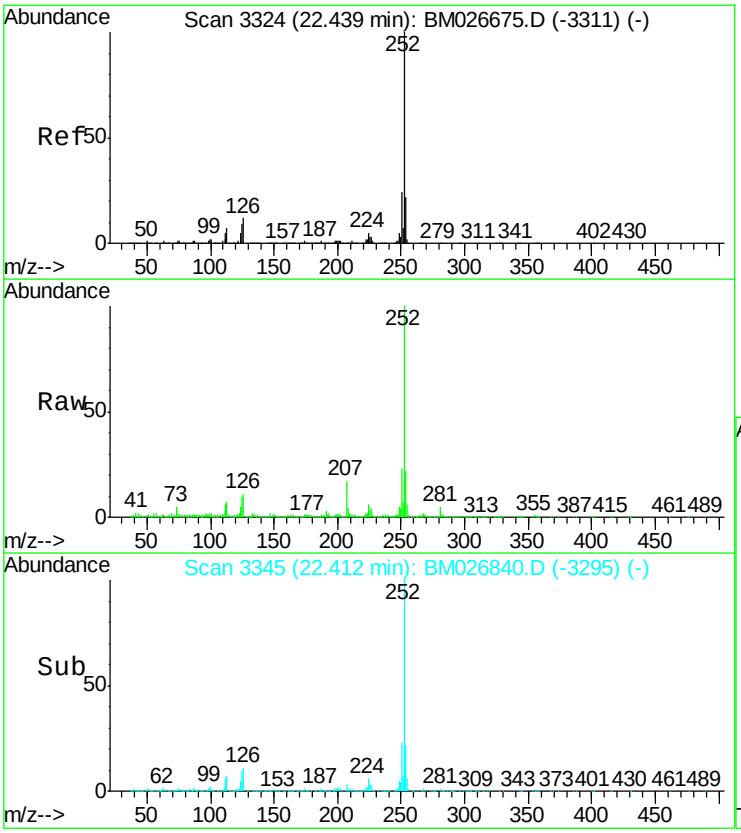
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.432 ng
RT: 24.99 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:276 Resp: 326304

Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.4	27.6
277	24.4	20.0	30.0

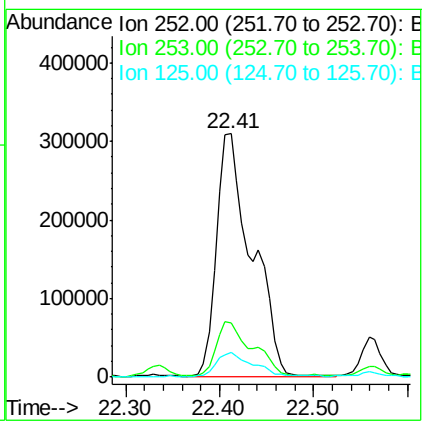


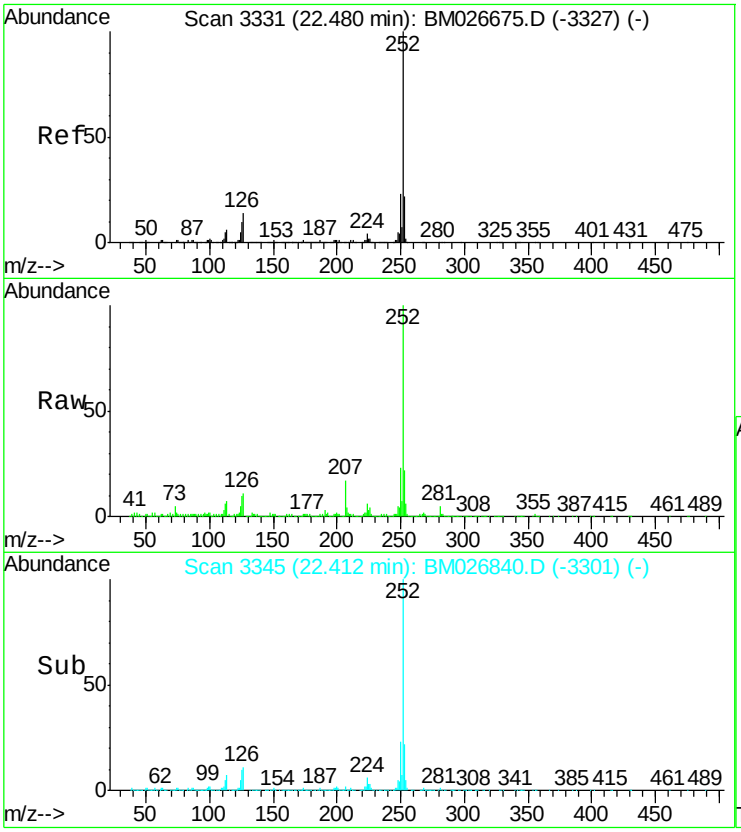


#88
Benzo(b)fluoranthene
Concen: 27.892 ng
RT: 22.41 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:252 Resp: 807489

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.1	7.5	11.3



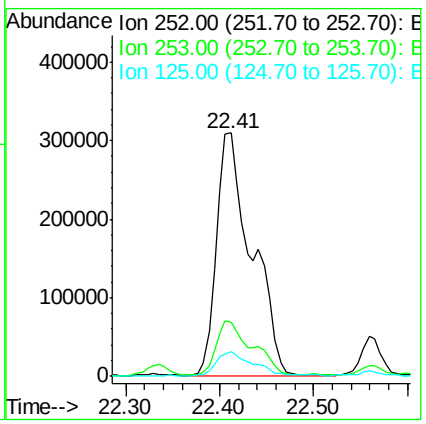


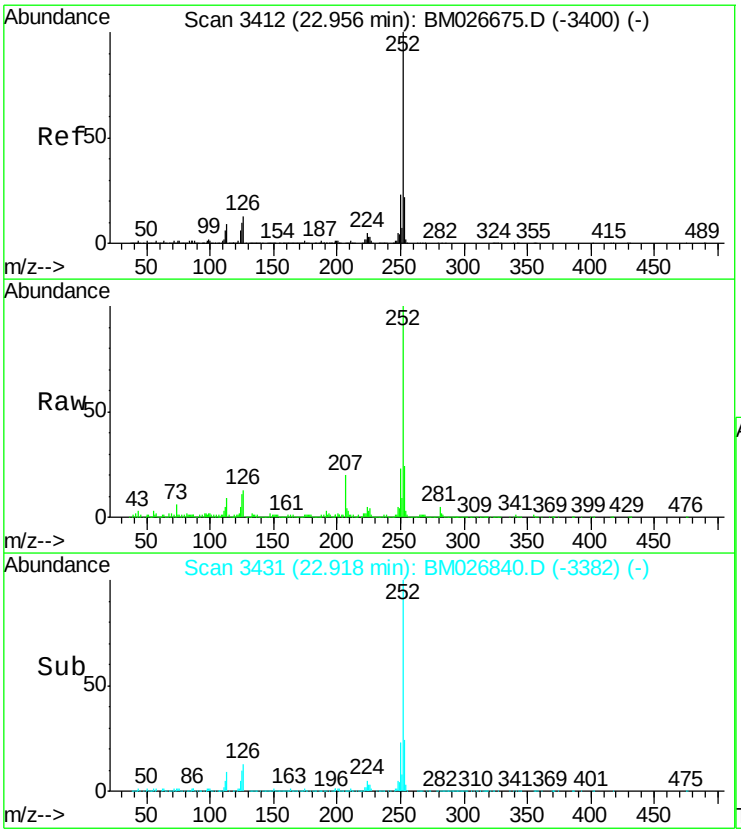
#89
Benzo(k)fluoranthene
Concen: 28.435 ng
RT: 22.41 min Scan# 3345
Delta R.T. -0.04 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:252 Resp: 807489

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.1	7.8	11.8

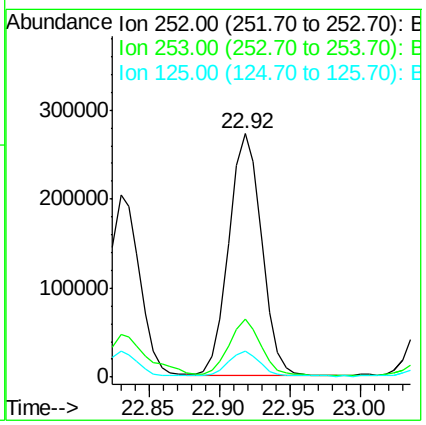


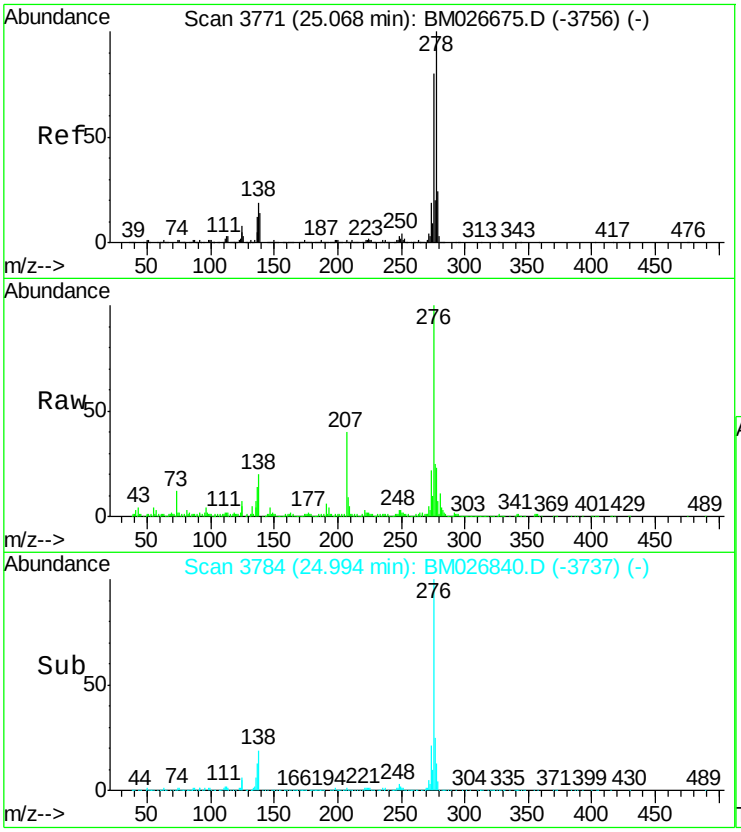


#90
Benzo(a)pyrene
Concen: 16.461 ng
RT: 22.92 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:252 Resp: 442408

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	10.6	8.2	12.4



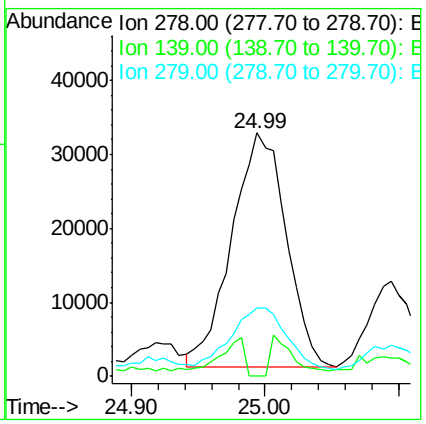


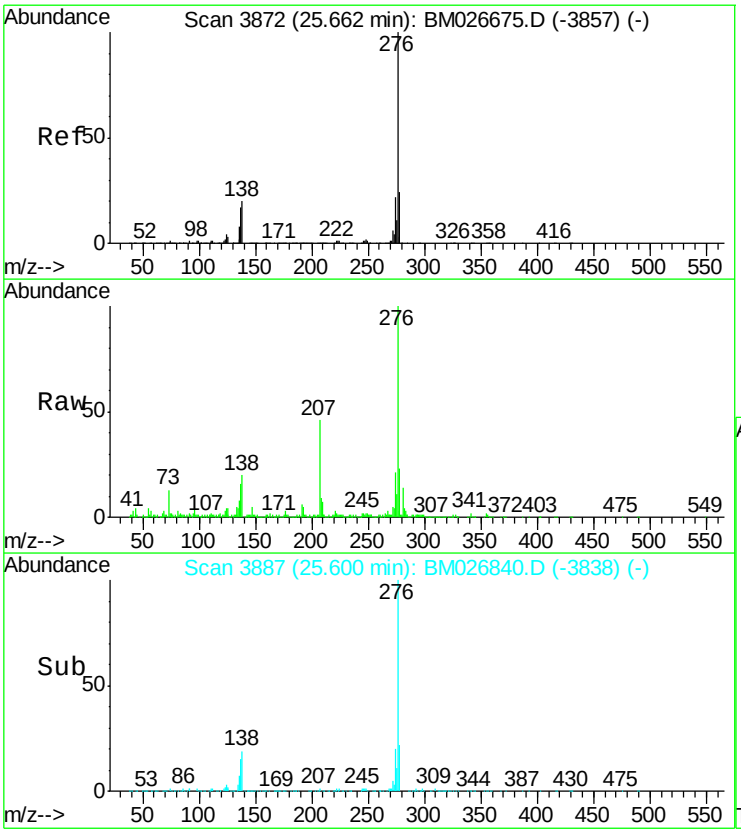
#91
Dibenzo(a,h)anthracene
Concen: 3.373 ng
RT: 24.99 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Instrument :
BNA_M
ClientSampleId :
52-09-57

Tgt Ion:278 Resp: 89055

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	27.9	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 13.494 ng
RT: 25.60 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM026840.D
Acq: 22 Jul 2020 19:53

Tgt Ion:276 Resp: 328312

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	20.2	15.8	23.8