Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020635.D
Acq On : 31 May 2019 17:46
Operator : JU/SJ
Sample : K3068-10DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-6E(7-8)DL

Quant Time: May 31 18:20:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	363538	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	1595795	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	841084	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1513399	20.00	ng		0.00
76) Chrysene-d12	21.39	240	1110541	20.00	ng		0.00
87) Perylene-d12	23.69	264	1287128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	401798	19.44	ng		0.00
7) Phenol-d6	6.99	99	602483	19.80	ng		0.00
23) Nitrobenzene-d5	8.99	82	375017	12.18	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	149831	14.38	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	790285	12.49	ng		0.00
79) Terphenyl-d14	19.84	244	695754	10.48	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.99	77	2195	Below Cal		#	34
52) Acenaphthene	14.53	154	196774	3.733	ng		99
55) Dibenzofuran	14.87	168	168523	2.058	ng		97
58) Fluorene	15.52	166	234515	3.483	ng		96
71) Phenanthrene	17.26	178	3614093	42.130	ng		100
72) Anthracene	17.34	178	643402	7.494	ng		99
73) Carbazole	17.62	167	268546	3.447	ng		99
75) Fluoranthene	19.27	202	4387749	45.994	ng		99
78) Pyrene	19.63	202	3985966	46.772	ng		99
81) Benzo(a)anthracene	21.37	228	1920091	24.828	ng		99
83) Chrysene	21.43	228	1746648	23.760	ng		98
86) Indeno(1,2,3-cd)pyrene	26.01	276	1089960	14.493	ng		97
88) Benzo(b)fluoranthene	23.00	252	2181796	25.646	ng		97
89) Benzo(k)fluoranthene	23.00	252	2170605	26.109	ng		97
90) Benzo(a)pyrene	23.59	252	1654995	21.448	ng		97
91) Dibenzo(a,h)anthracene	26.02	278	278639	3.722	ng	#	91
92) Benzo(g,h,i)perylene	26.73	276	1063655	15.297	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020635.D
Acq On : 31 May 2019 17:46
Operator : JU/SJ
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Instrument :
BNA_M
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B-6E(7-8)DL

Quant Time: May 31 18:20:03 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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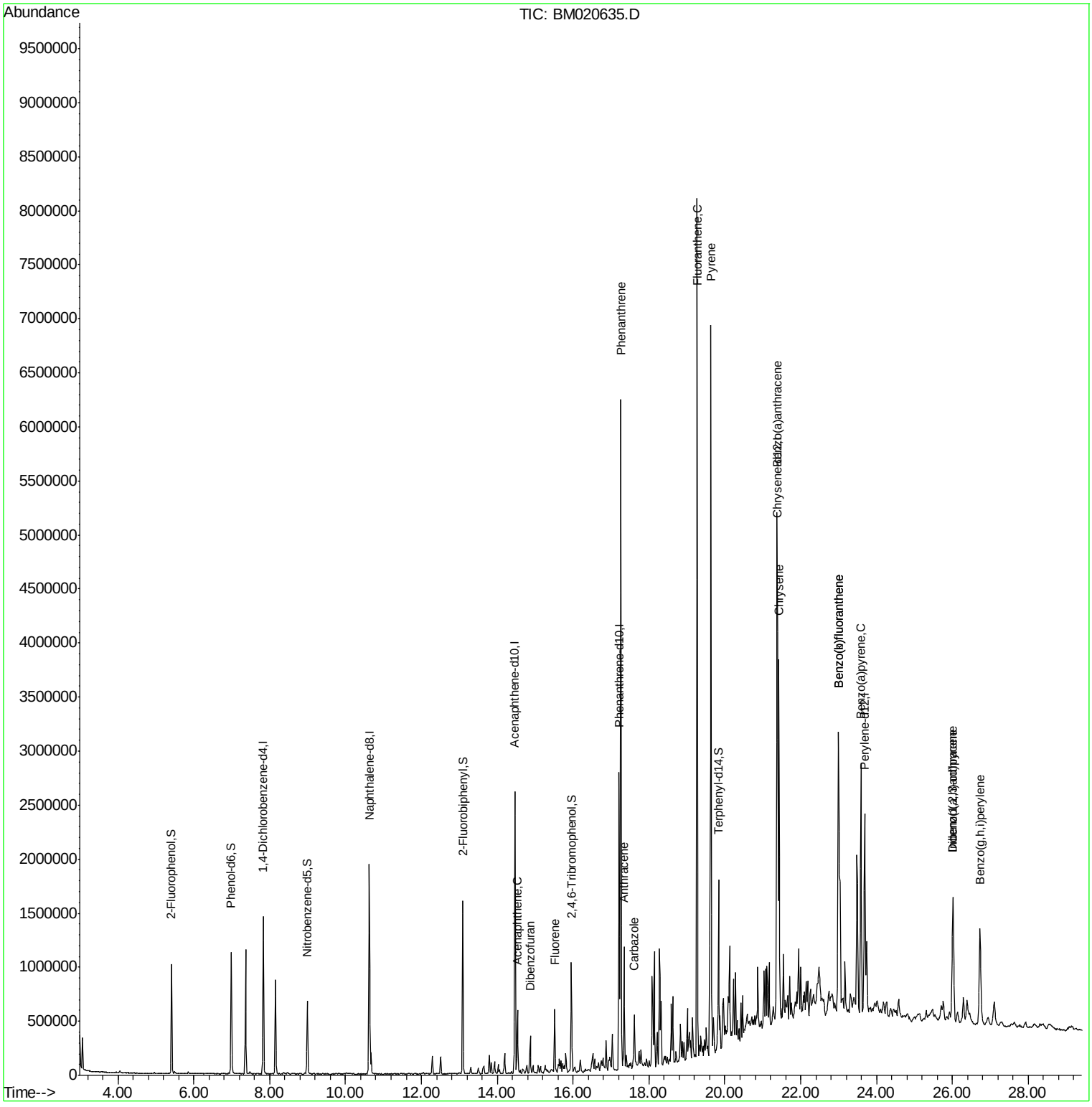
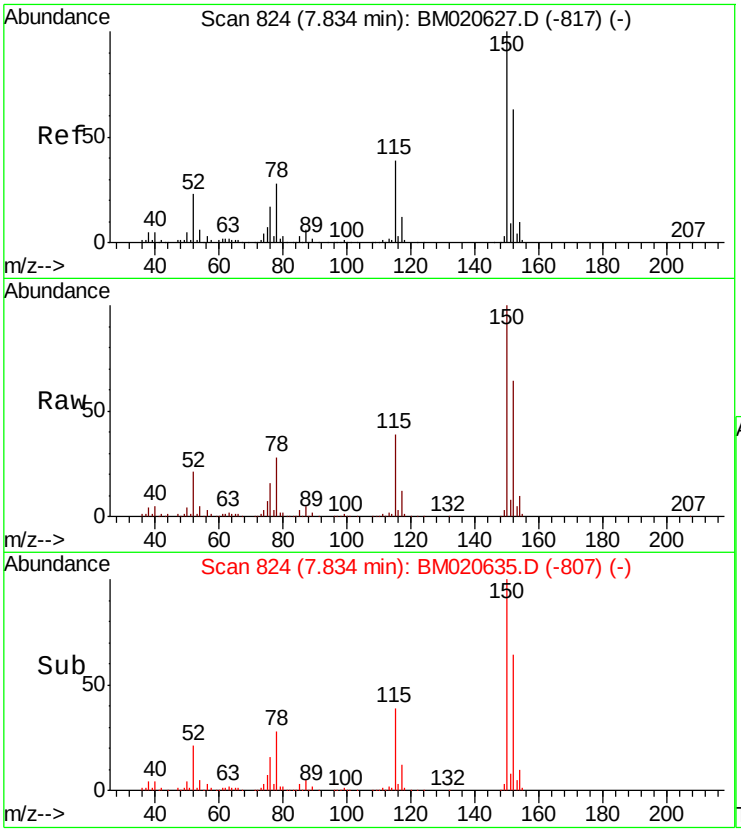


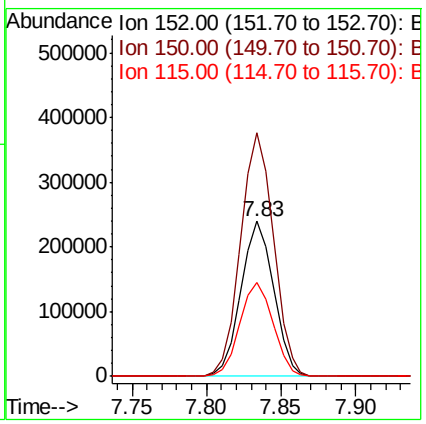


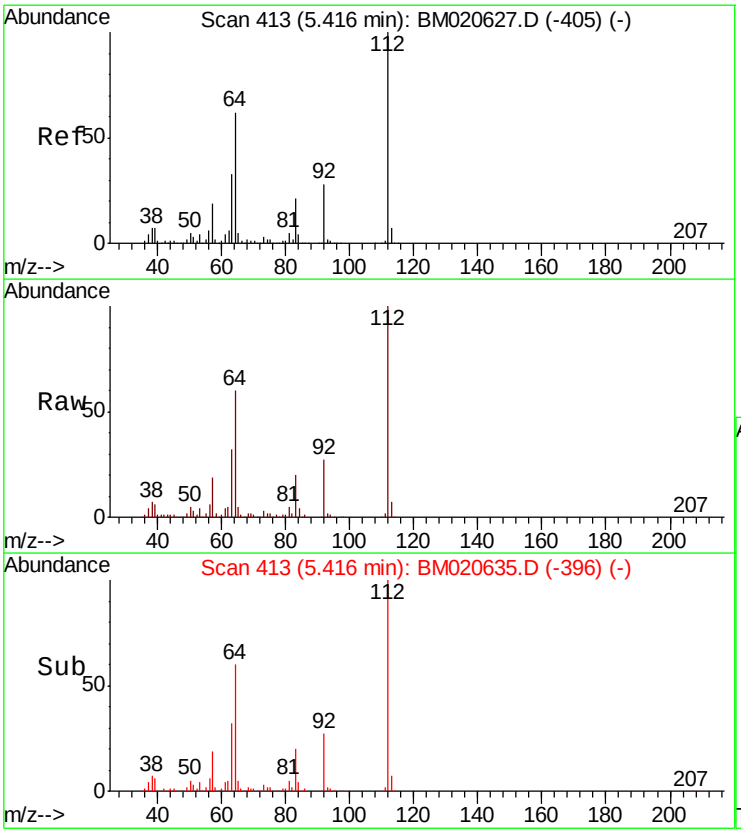
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:152 Resp: 363538

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.0	189.0
115	60.9	49.6	74.4

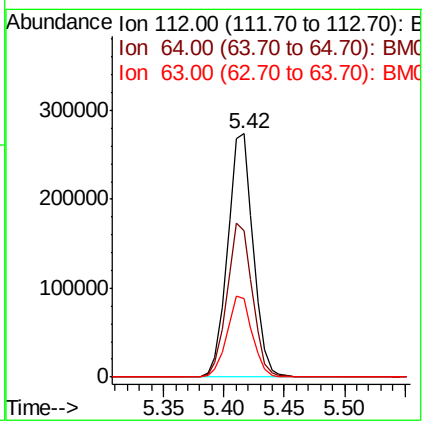


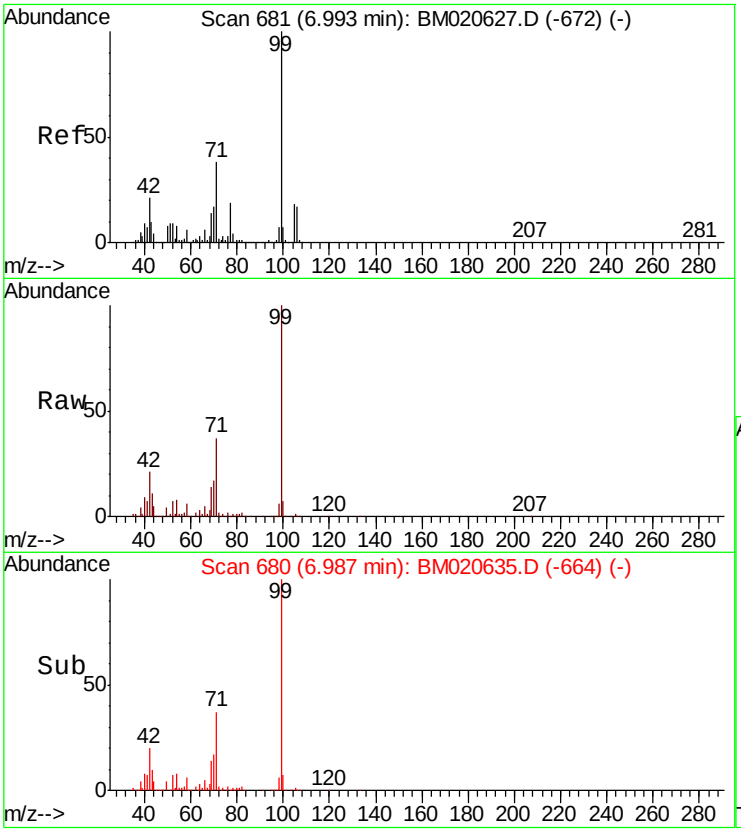


#5
2-Fluorophenol
Concen: 19.442 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:112 Resp: 401798

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.7	74.5
63	32.4	26.4	39.6



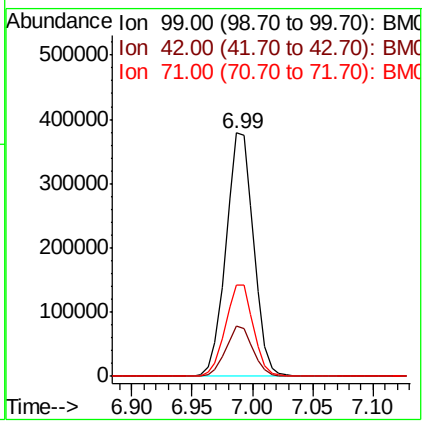


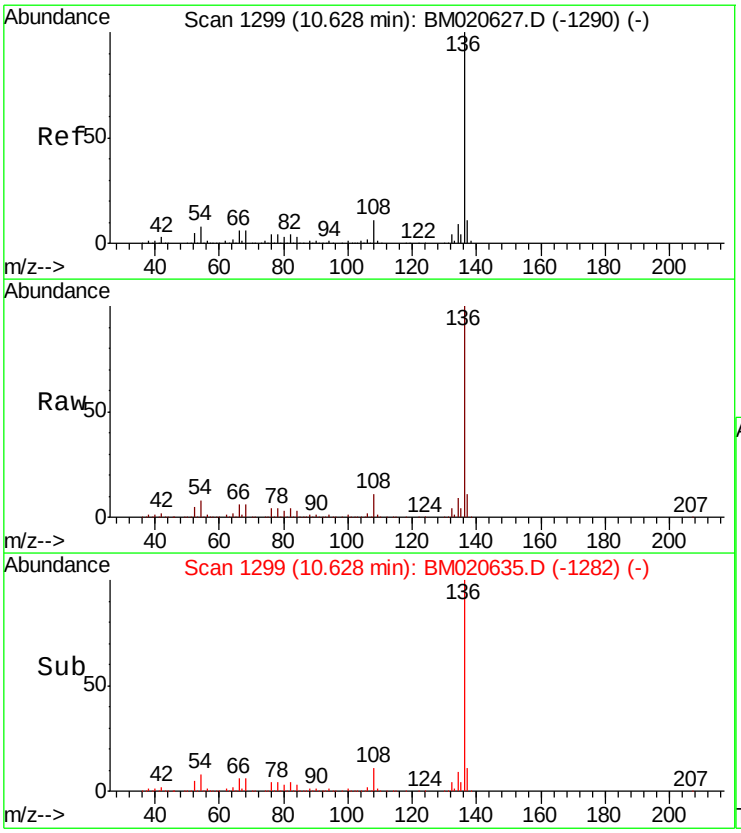
#7
Phenol-d6
Concen: 19.799 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion: 99 Resp: 602483

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.5	24.7
71	37.4	30.7	46.1

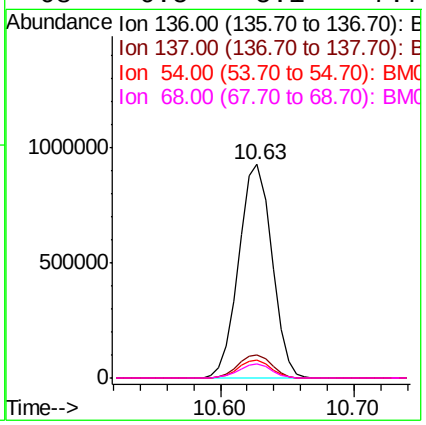


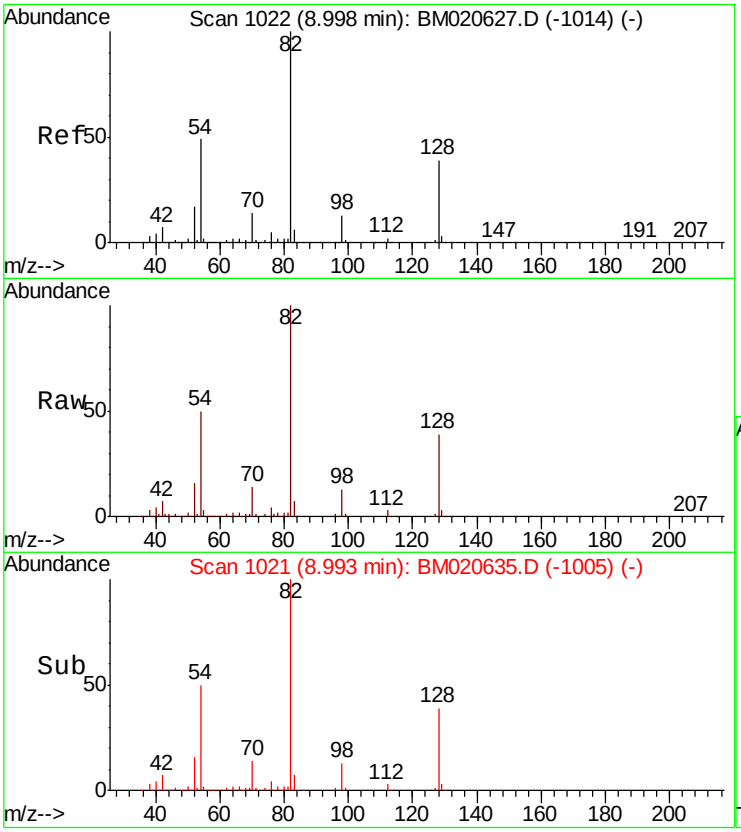


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:136 Resp: 1595795

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.3	6.6	10.0
68	6.5	5.1	7.7



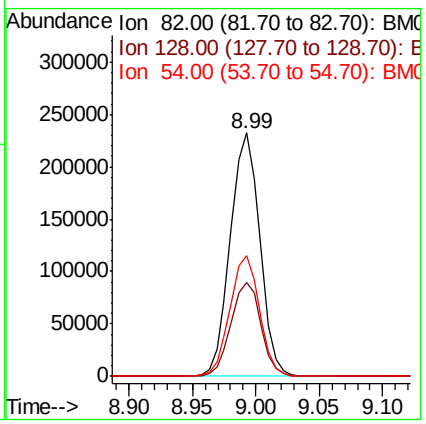


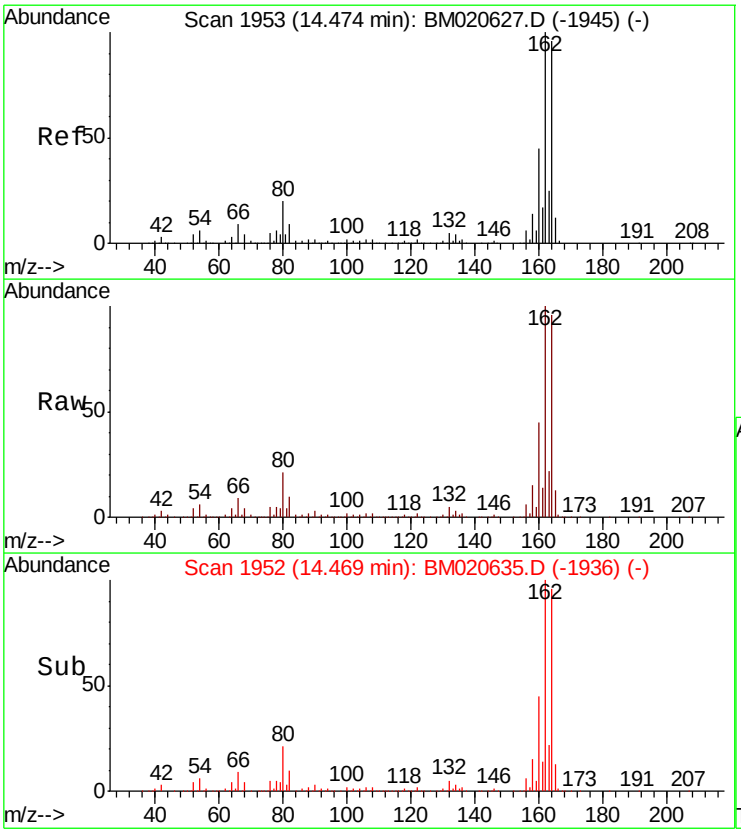
#23
Nitrobenzene-d5
Concen: 12.176 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion: 82 Resp: 375017

Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.5	47.3
54	49.6	39.4	59.0

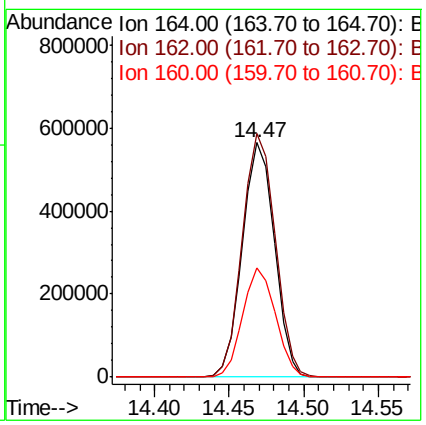


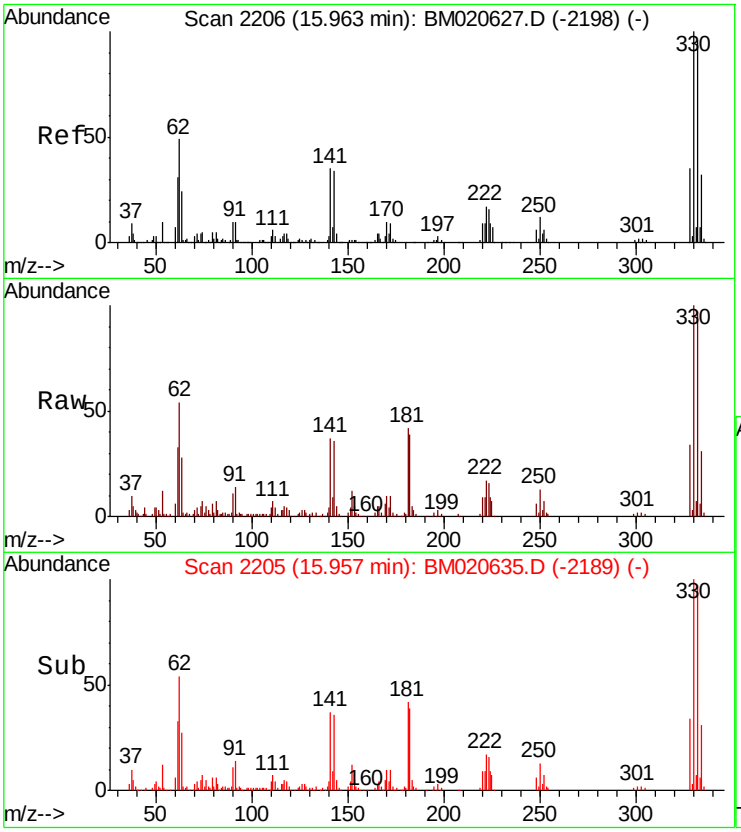


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:164 Resp: 841084

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.2	124.8
160	46.8	37.5	56.3



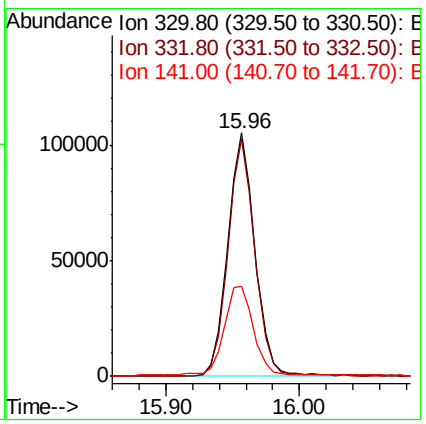


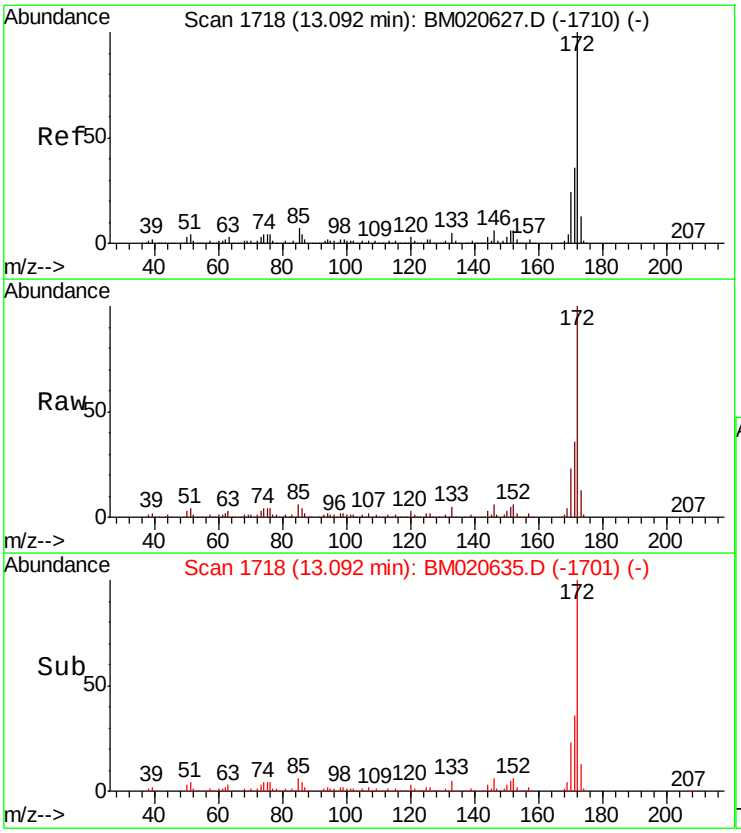
#42
2,4,6-Tribromophenol
Concen: 14.378 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:330 Resp: 149831

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	39.6	30.4	45.6

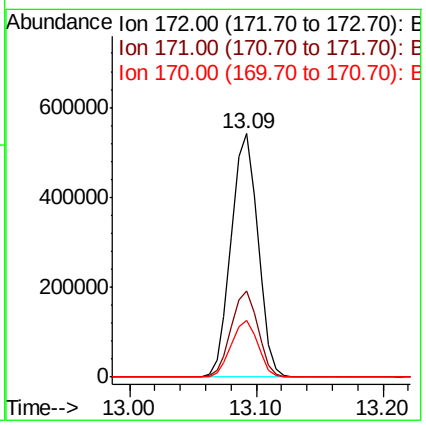


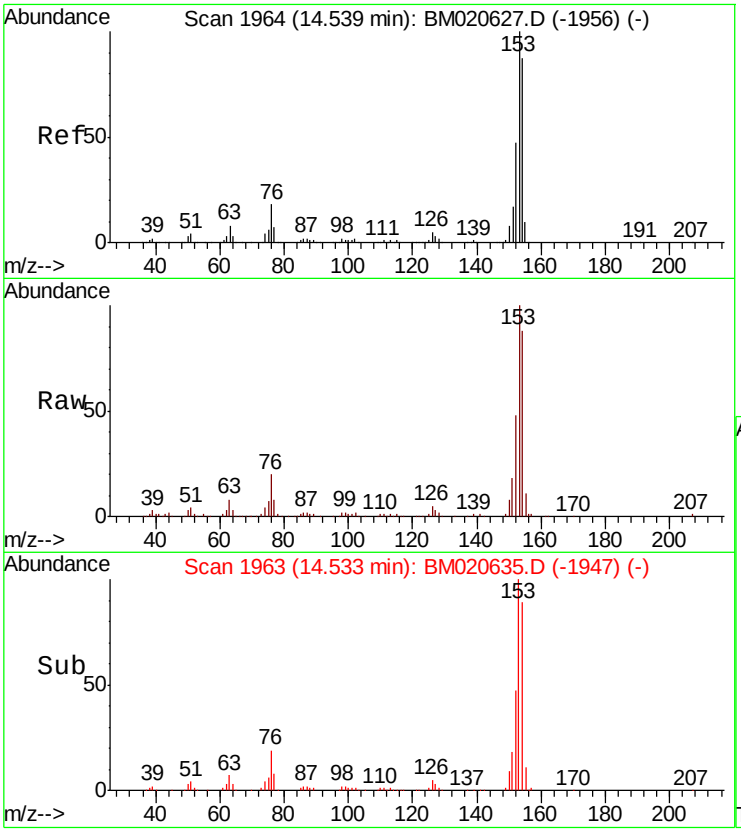


#45
2-Fluorobiphenyl
Concen: 12.492 ng
RT: 13.09 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:172 Resp: 790285

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.3	18.9	28.3



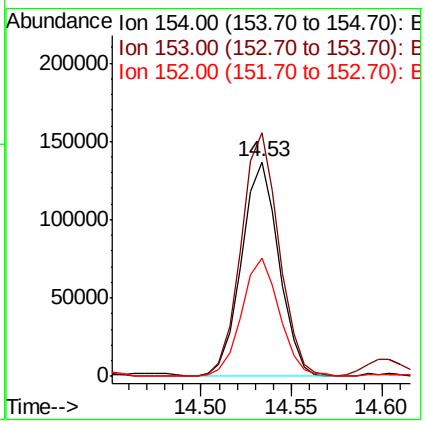


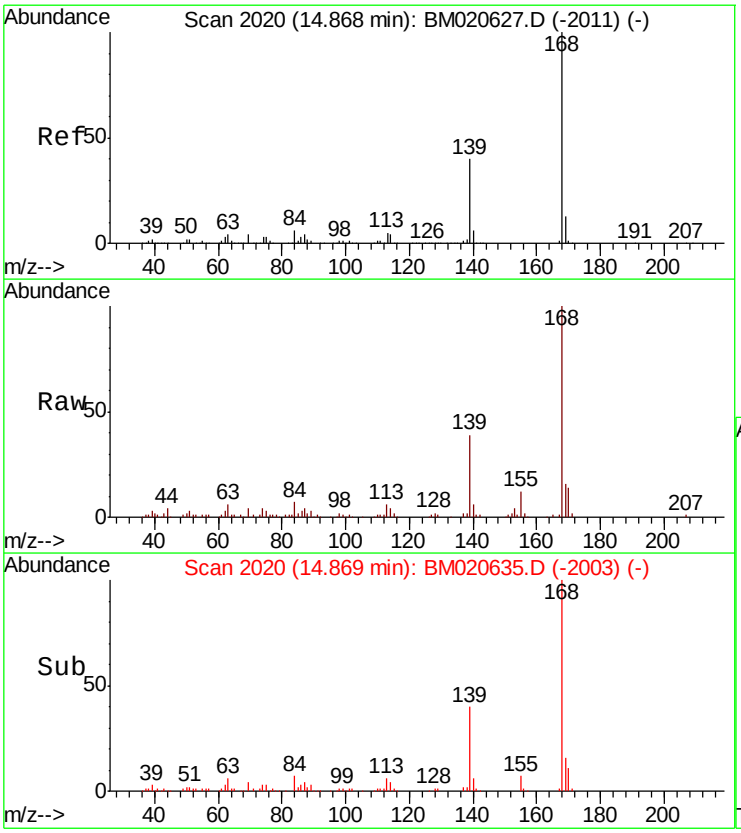
#52
Acenaphthene
Concen: 3.733 ng
RT: 14.53 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:154 Resp: 196774

Ion	Ratio	Lower	Upper
154	100		
153	113.6	92.4	138.6
152	54.8	43.4	65.0

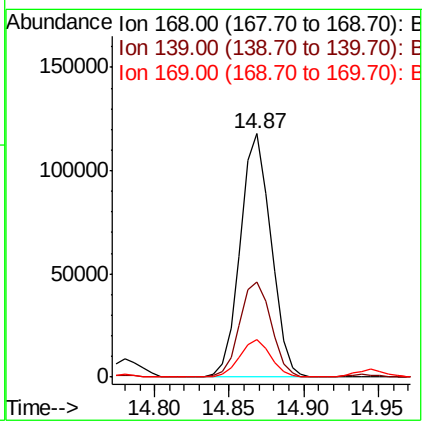


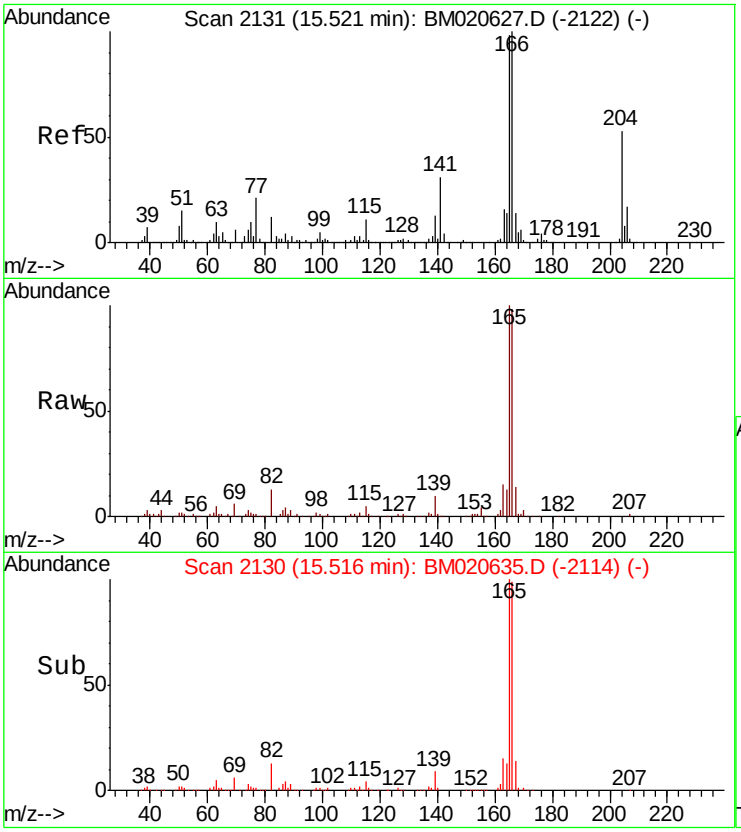


#55
Dibenzofuran
Concen: 2.058 ng
RT: 14.87 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:168 Resp: 168523

Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.9	47.9
169	15.6	10.7	16.1



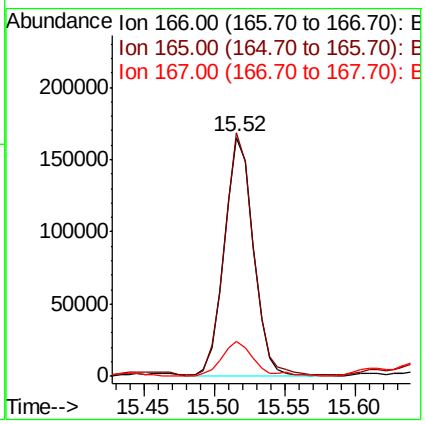


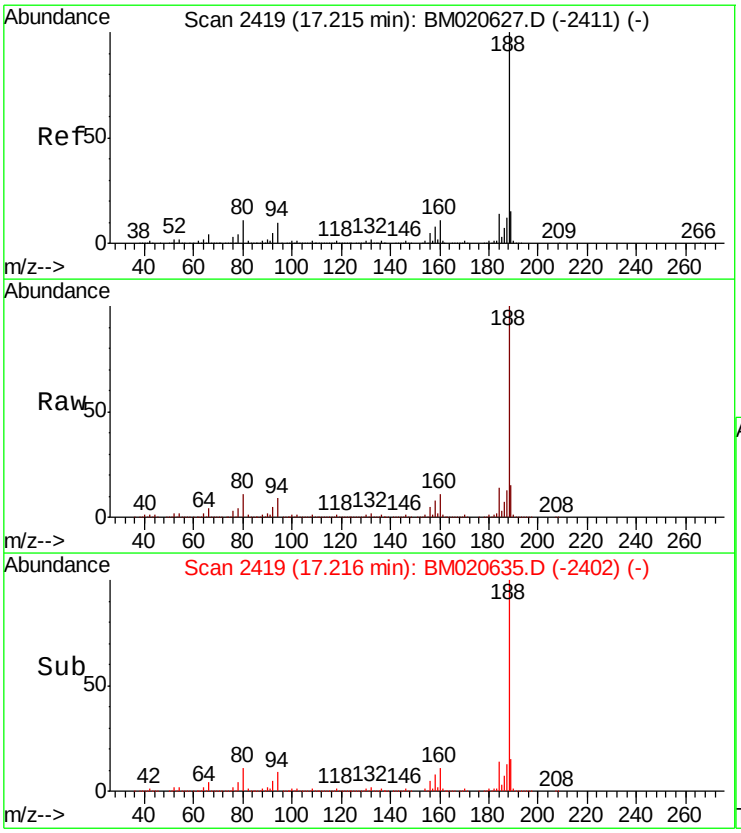
#58
Fluorene
Concen: 3.483 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:166 Resp: 234515

Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.6	117.8
167	14.5	11.0	16.4

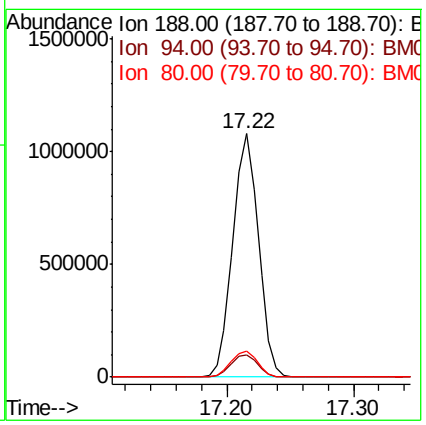


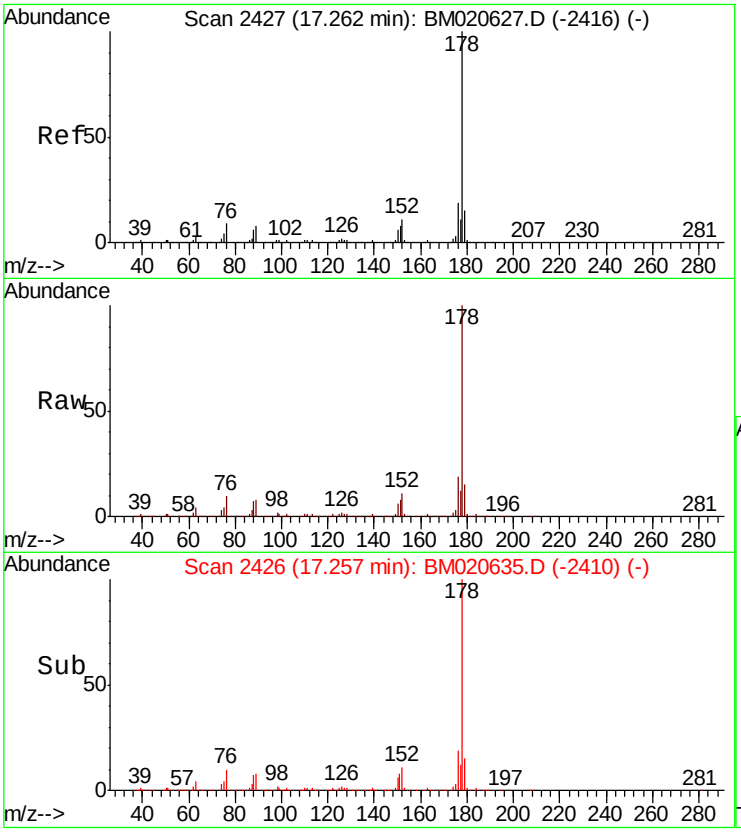


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:188 Resp: 1513399

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	10.7	9.0	13.6



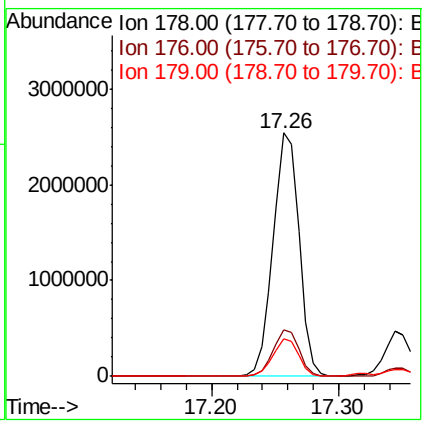


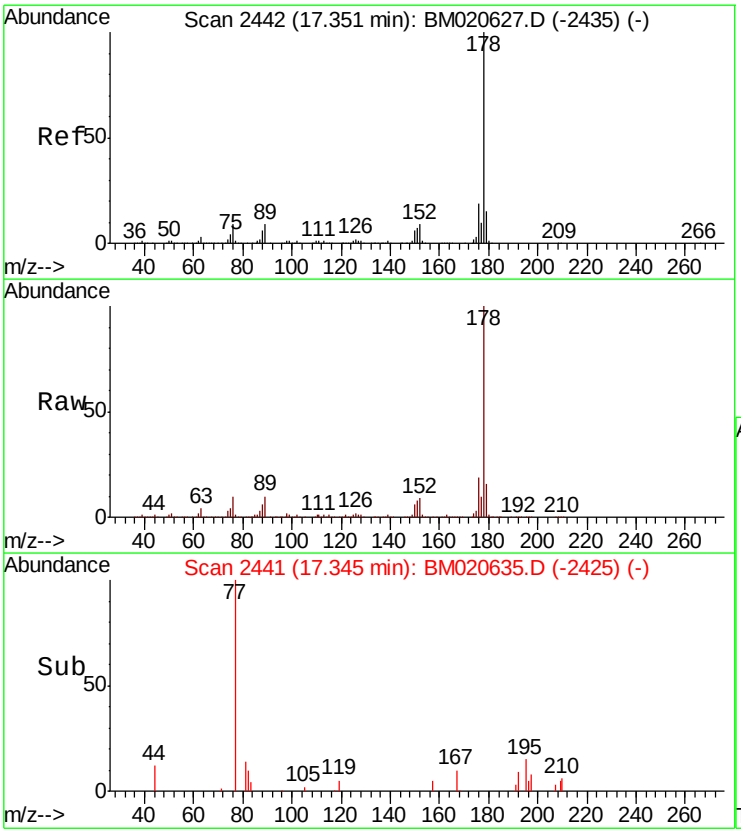
#71
Phenanthrene
Concen: 42.130 ng
RT: 17.26 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:178 Resp: 3614093

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.2	18.4

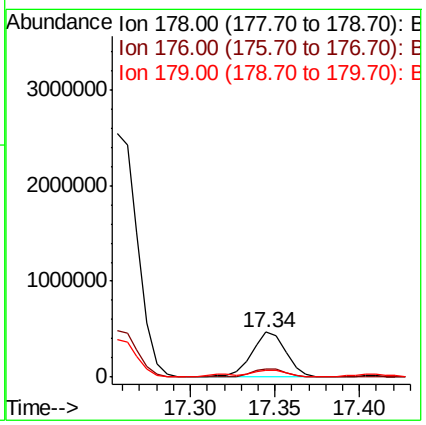


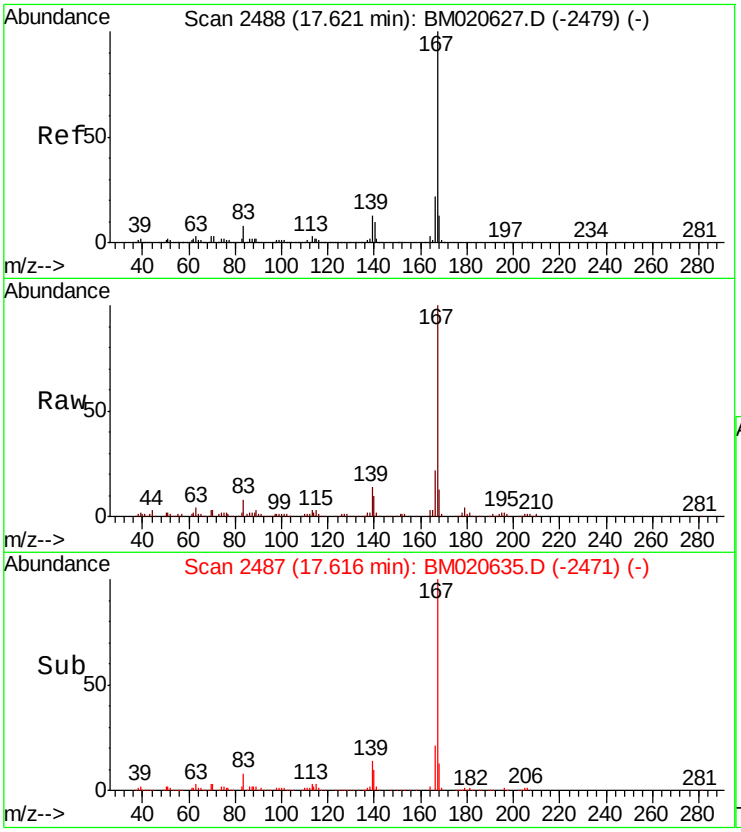


#72
Anthracene
Concen: 7.494 ng
RT: 17.34 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:178 Resp: 643402

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.1	12.3	18.5



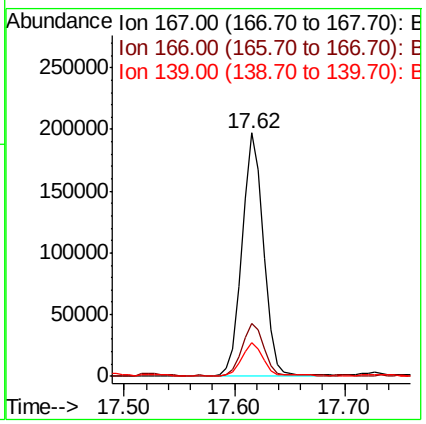


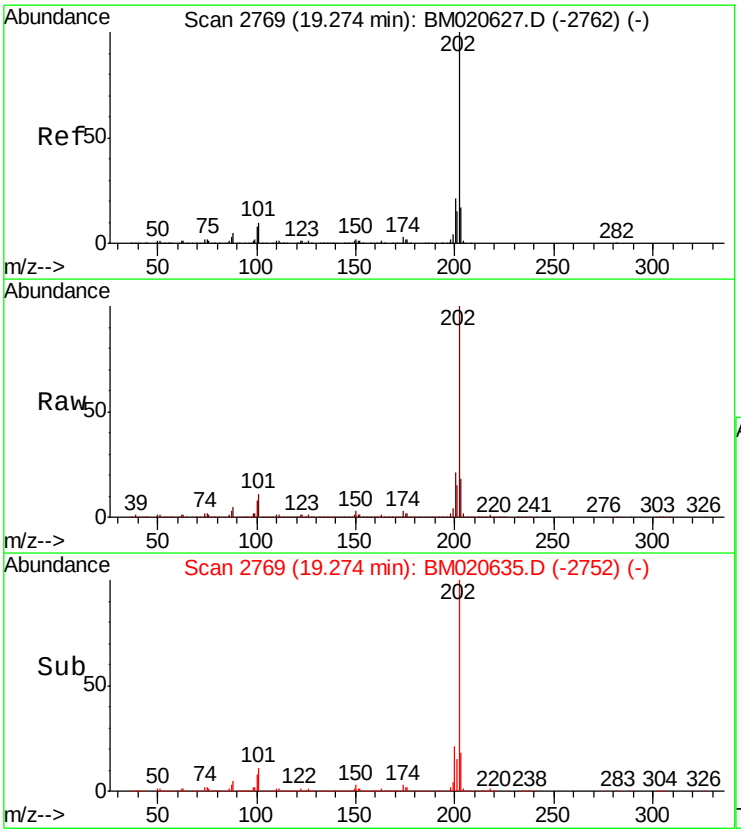
#73
Carbazole
Concen: 3.447 ng
RT: 17.62 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:167 Resp: 268546

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	14.1	10.6	15.8

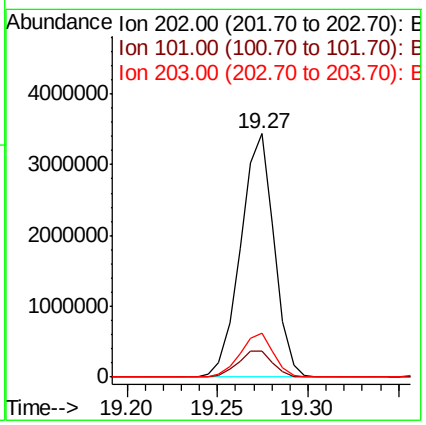


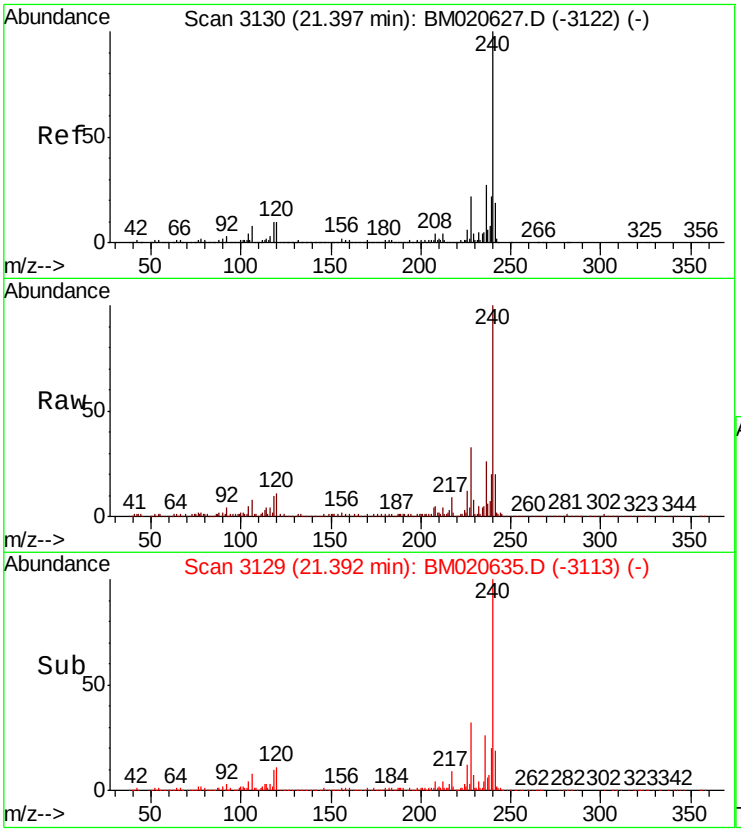


#75
Fluoranthene
Concen: 45.994 ng
RT: 19.27 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:202 Resp: 4387749

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.4
203	17.8	0.0	37.3



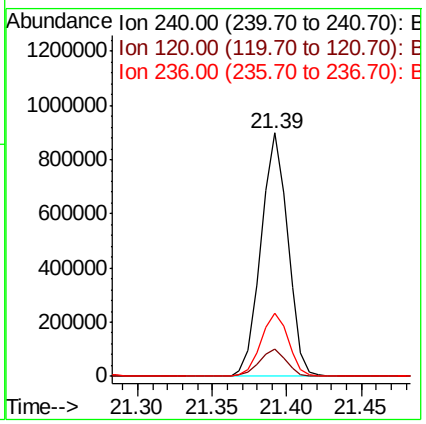


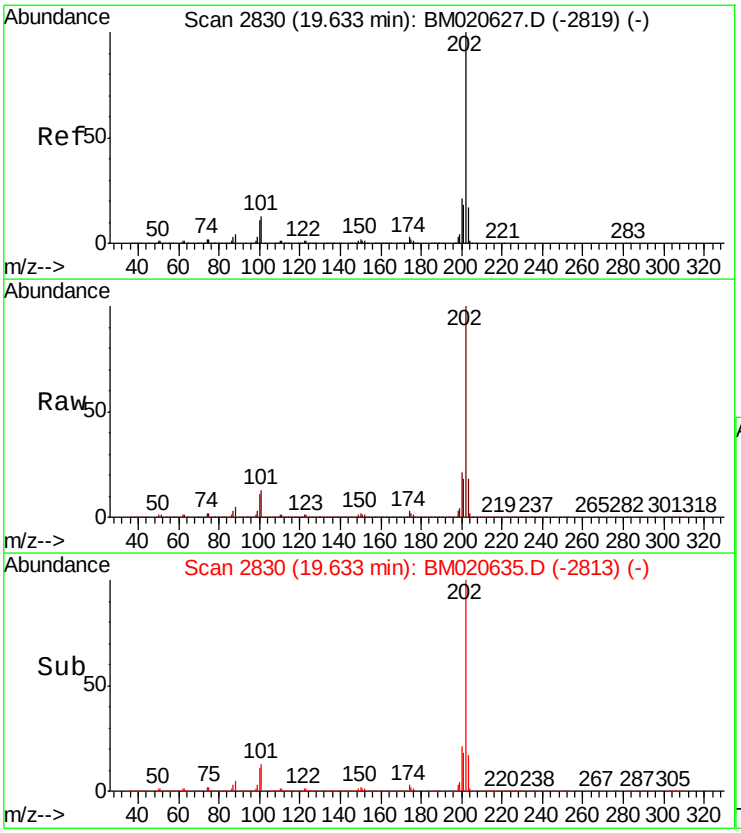
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:240 Resp: 1110541

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.2	12.2
236	25.8	21.2	31.8

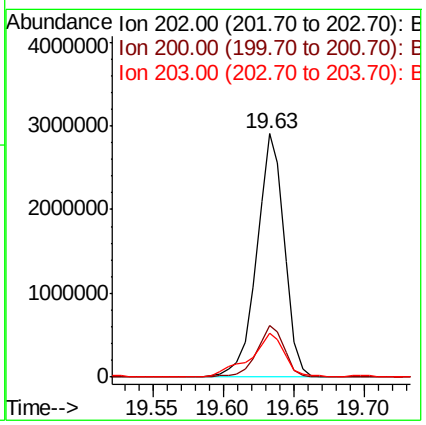


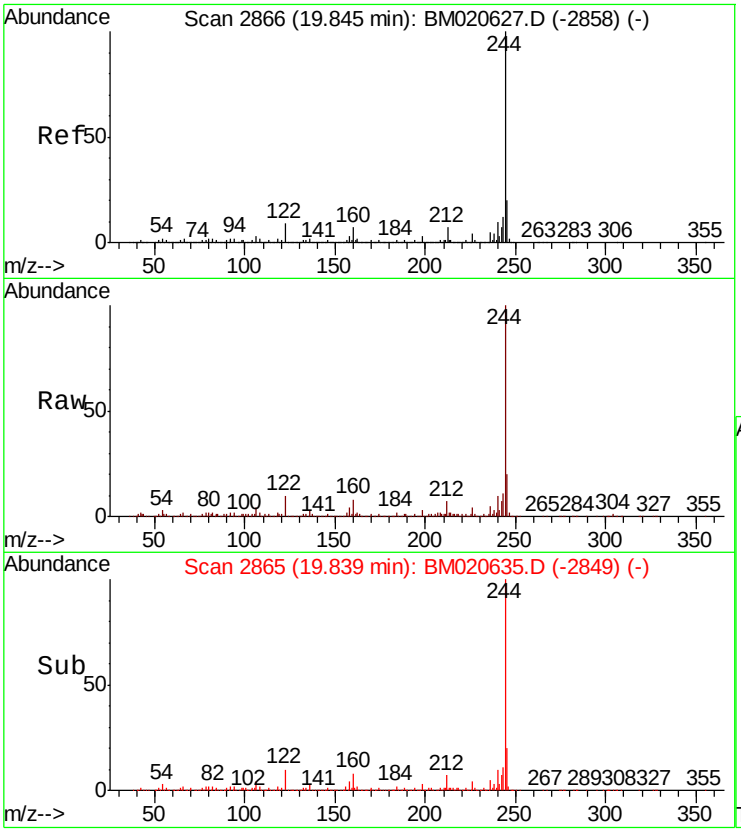


#78
Pyrene
Concen: 46.772 ng
RT: 19.63 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:202 Resp: 3985966

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.8	13.9	20.9



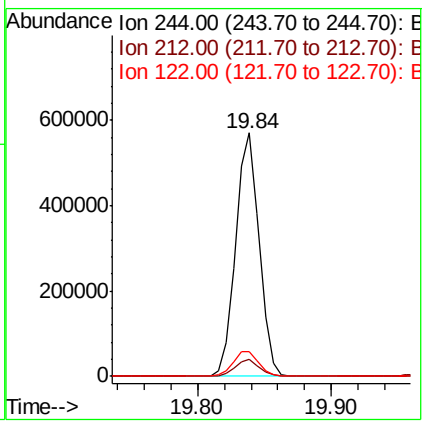


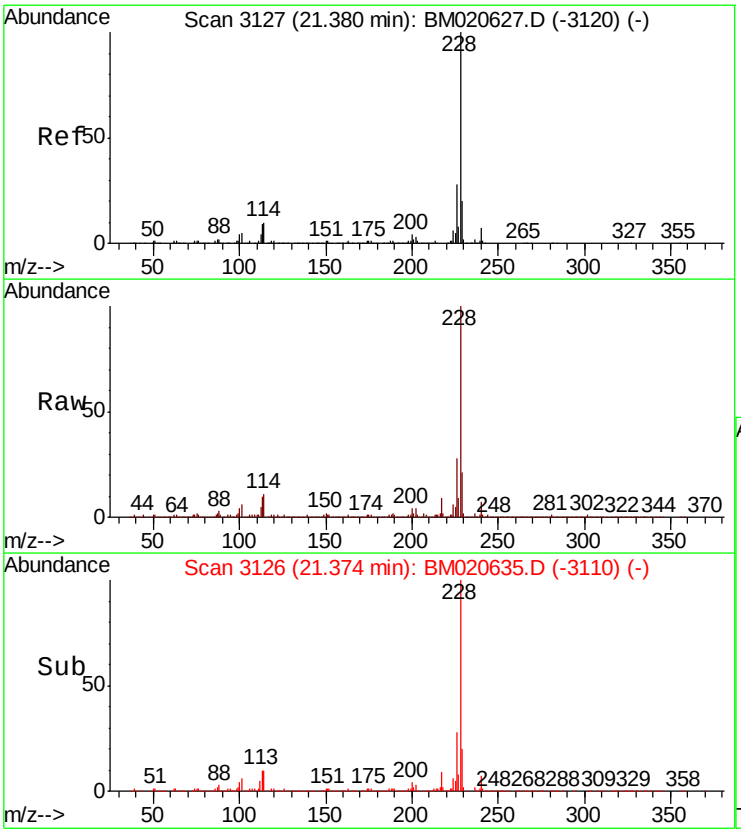
#79
Terphenyl-d14
Concen: 10.479 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:244 Resp: 695754

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.0	7.2	10.8

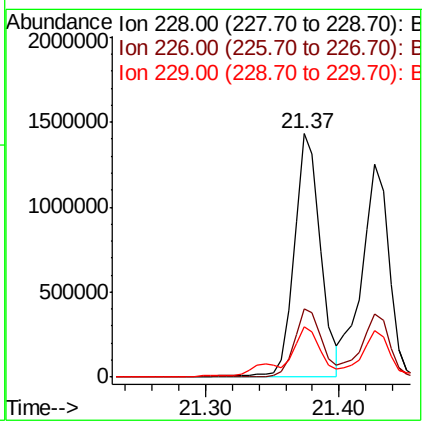


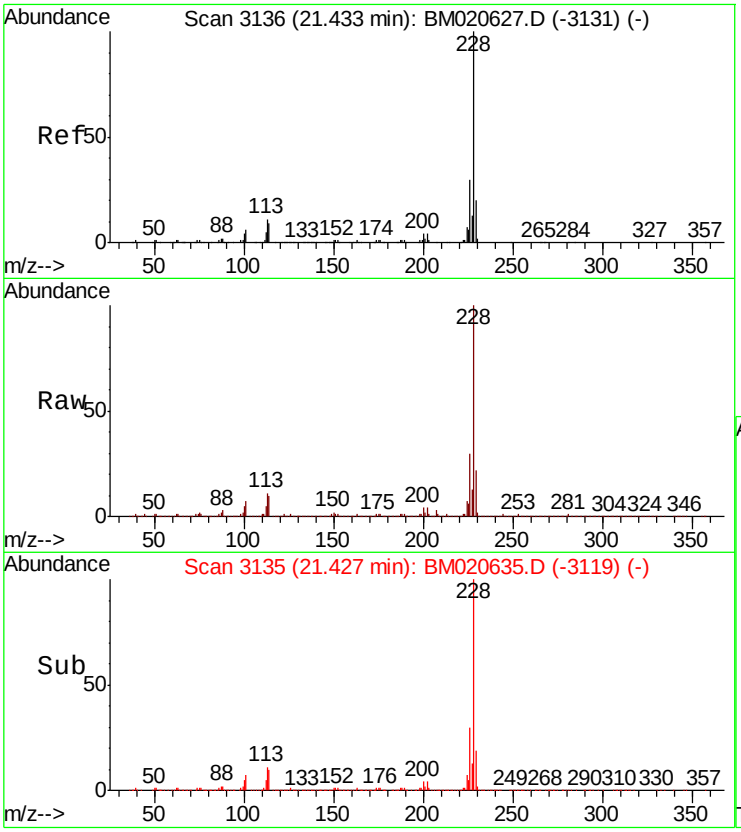


#81
Benzo(a)anthracene
Concen: 24.828 ng
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:228 Resp: 1920091

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.5	15.9	23.9



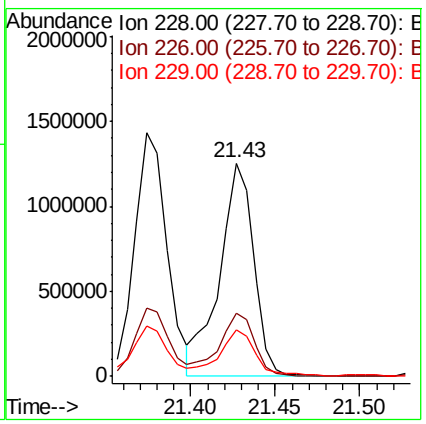


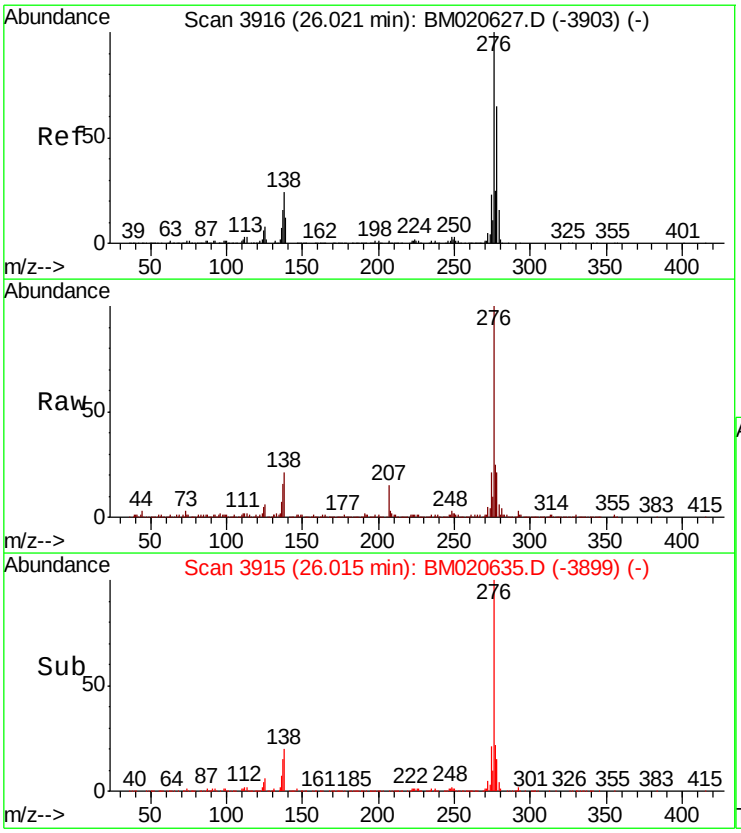
#83
Chrysene
Concen: 23.760 ng
RT: 21.43 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:228 Resp: 1746648

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	21.7	15.8	23.6

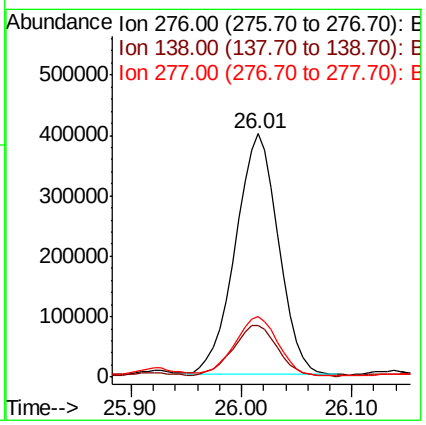


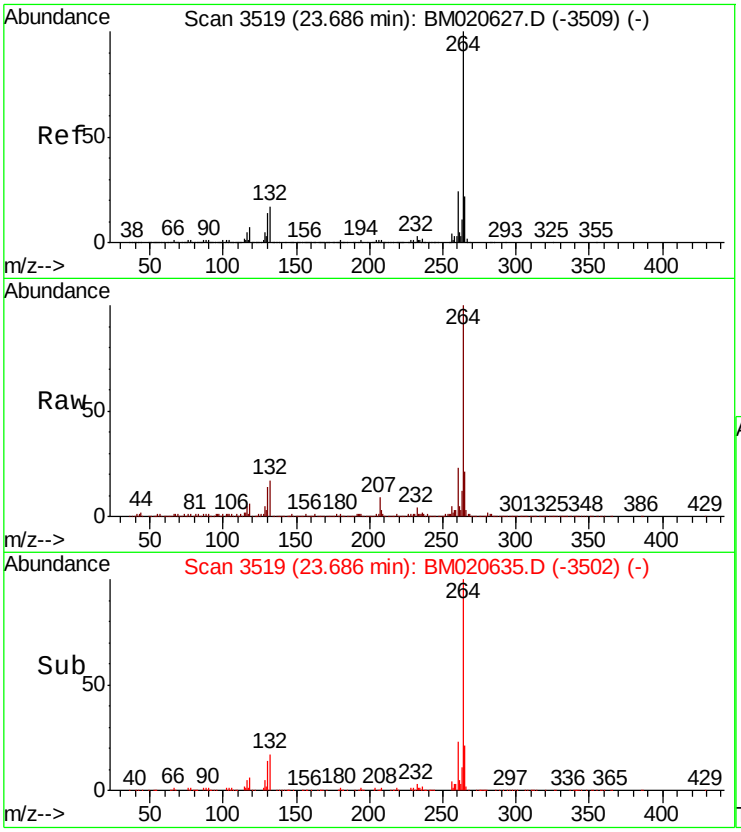


#86
Indeno(1,2,3-cd)pyrene
Concen: 14.493 ng
RT: 26.01 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:276 Resp: 1089960

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.8	29.8
277	25.1	20.2	30.4



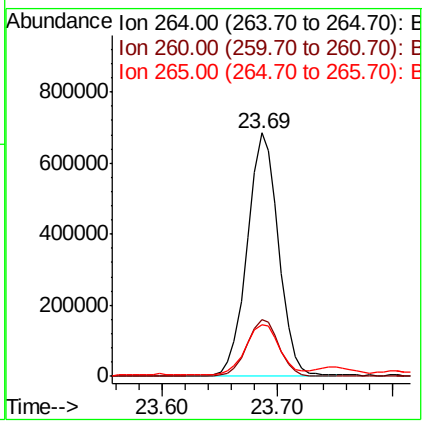


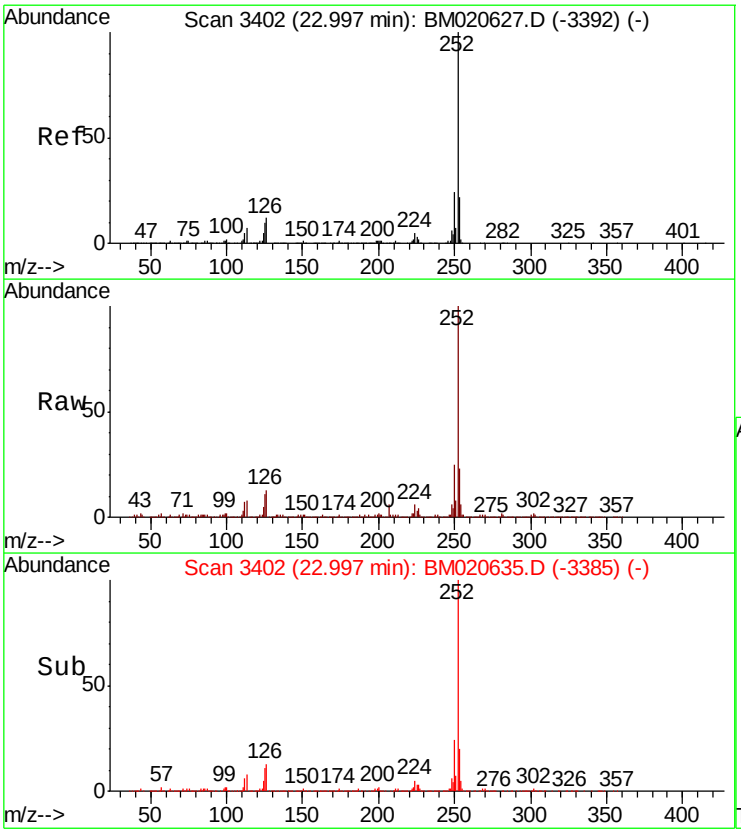
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:264 Resp: 1287128

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.6	26.4

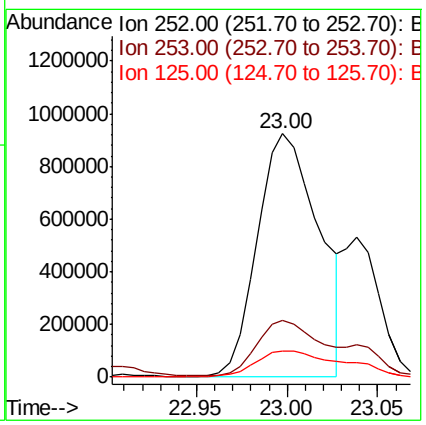


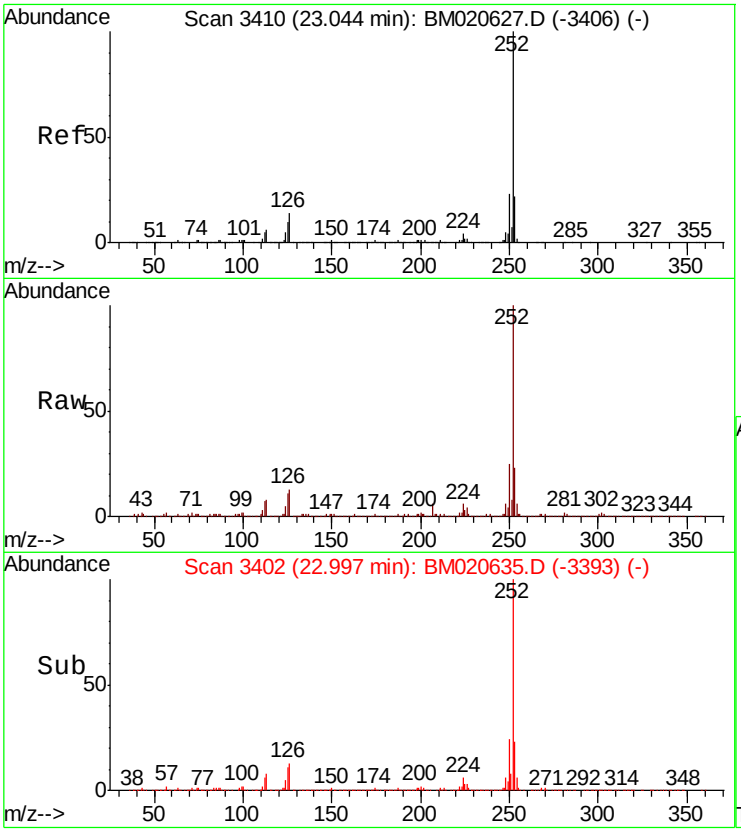


#88
Benzo(b)fluoranthene
Concen: 25.646 ng
RT: 23.00 min Scan# 3402
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:252 Resp: 2181796

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	10.9	7.8	11.8



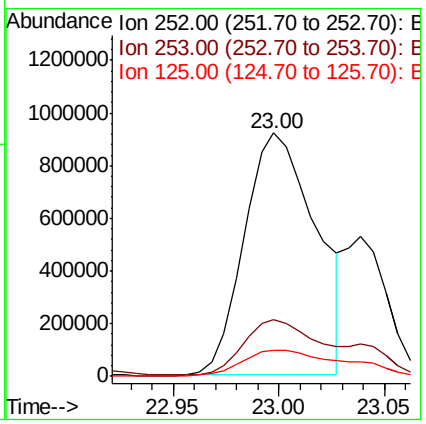


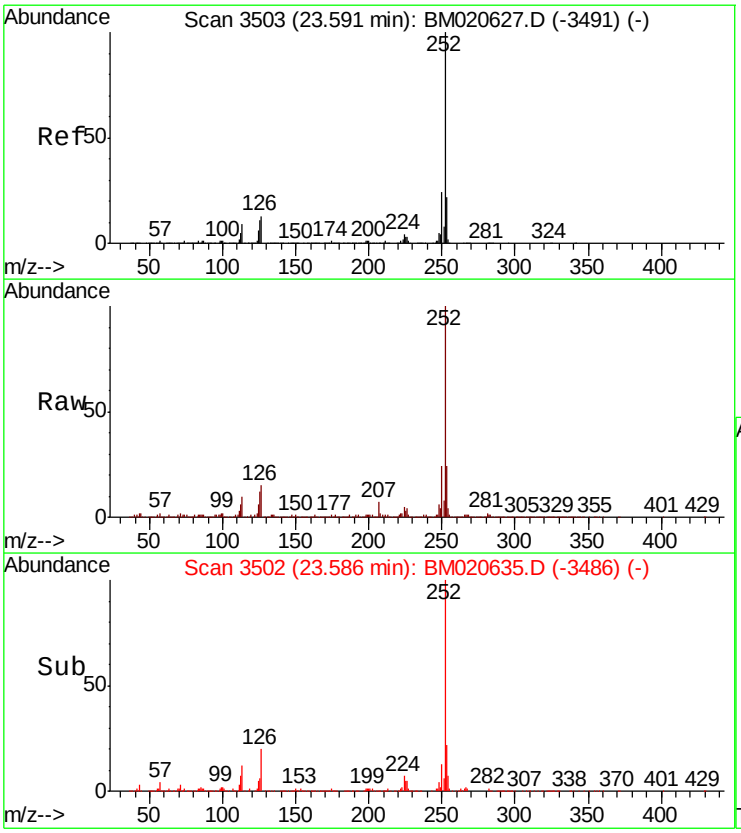
#89
Benzo(k)fluoranthene
Concen: 26.109 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.05 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:252 Resp: 2170605

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	10.9	7.8	11.8

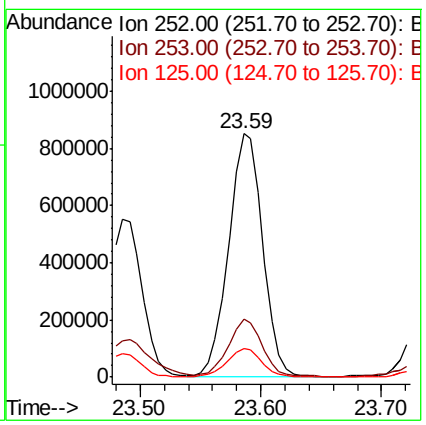


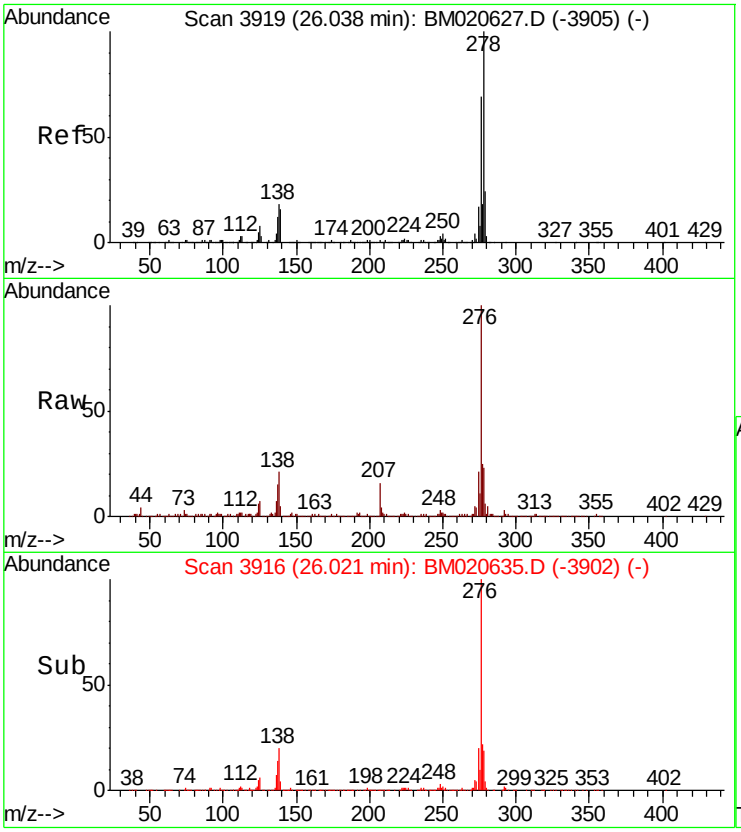


#90
Benzo(a)pyrene
Concen: 21.448 ng
RT: 23.59 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:252 Resp: 1654995

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	11.6	8.6	13.0



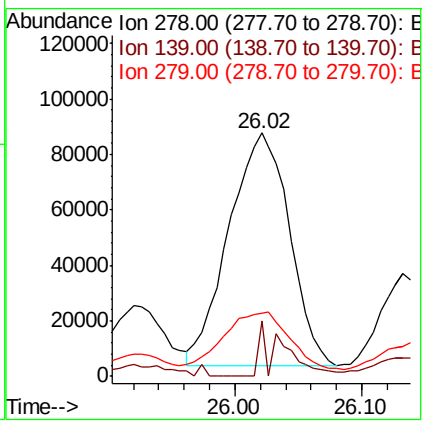


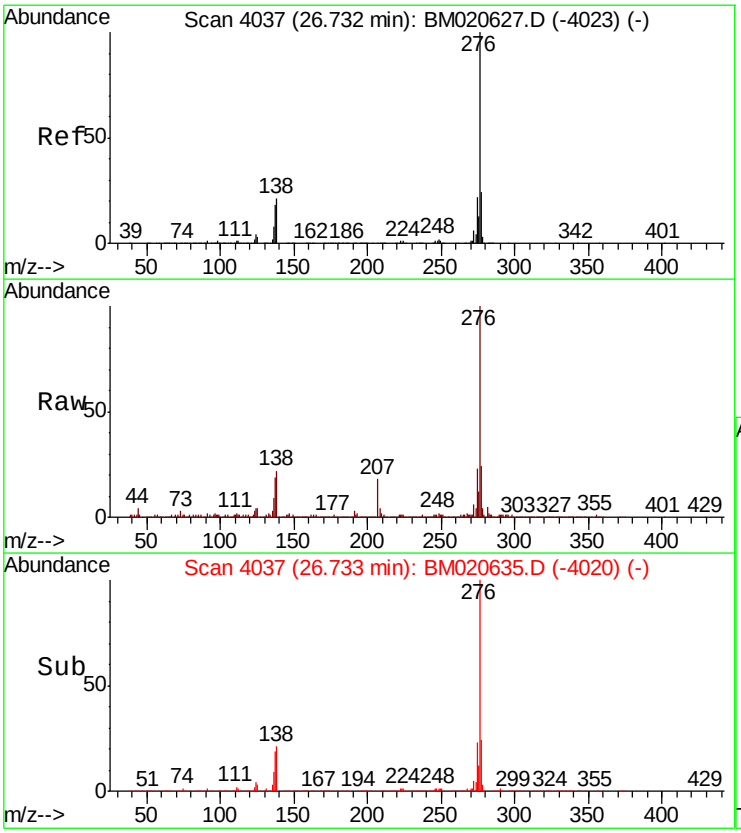
#91
Dibenzo(a,h)anthracene
Concen: 3.722 ng
RT: 26.02 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Instrument :
BNA_M
ClientSampleId :
B-6E(7-8)DL

Tgt Ion:278 Resp: 278639

Ion	Ratio	Lower	Upper
278	100		
139	22.6	12.6	18.8#
279	26.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 15.297 ng
RT: 26.73 min Scan# 4037
Delta R.T. 0.00 min
Lab File: BM020635.D
Acq: 31 May 2019 17:46

Tgt Ion:276 Resp: 1063655

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	21.6	17.0	25.4