Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050819\
Data File : BM020204.D
Acq On : 08 May 2019 20:46
Operator : JU/SJ
Sample : K2641-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-02-050719-E

Quant Time: May 09 02:08:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	184838	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	655797	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	368144	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	777785	20.00	ng		0.00
76) Chrysene-d12	21.37	240	815548	20.00	ng		0.00
87) Perylene-d12	23.67	264	959039	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	634684	56.13	ng		0.00
7) Phenol-d6	6.95	99	865135	56.00	ng		0.00
23) Nitrobenzene-d5	8.95	82	609290	36.68	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	303452	53.10	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1070647	35.78	ng		-0.01
79) Terphenyl-d14	19.80	244	1419805	30.37	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.63	128	79042	2.323	ng		98
37) 2-Methylnaphthalene	12.25	142	70865	2.856	ng		92
38) 1-Methylnaphthalene	12.46	142	79312	3.269	ng		95
49) Acenaphthylene	14.15	152	211380	5.459	ng		98
50) Dimethylphthalate	13.89	163	118804	3.797	ng		98
52) Acenaphthene	14.49	154	260828	11.747	ng		97
55) Dibenzofuran	14.83	168	275852	7.365	ng		97
58) Fluorene	15.48	166	495111	16.097	ng		99
65) 4,6-Dinitro-2-methylphenol	15.62	198	131	7.190	ng	#	1
71) Phenanthrene	17.23	178	4494598	104.685	ng		99
72) Anthracene	17.32	178	1419667	33.072	ng		100
73) Carbazole	17.59	167	228616	5.902	ng		98
75) Fluoranthene	19.24	202	7070347	130.154	ng		99
78) Pyrene	19.61	202	6227415	113.732	ng		99
81) Benzo(a)anthracene	21.35	228	3437786	60.107	ng		97
83) Chrysene	21.40	228	2878611	51.896	ng		97
86) Indeno(1,2,3-cd)pyrene	26.00	276	1727041	26.176	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	4990380	78.800	ng		98
89) Benzo(k)fluoranthene	22.97	252	4932637	85.386	ng	#	99
90) Benzo(a)pyrene	23.57	252	2928719	50.913	ng		97
91) Dibenzo(a,h)anthracene	26.00	278	465575	7.783	ng	#	87
92) Benzo(g,h,i)perylene	26.73	276	1628594	28.675	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 08 May 2019 20:46
Operator : JU/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Quant Time: May 09 02:08:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
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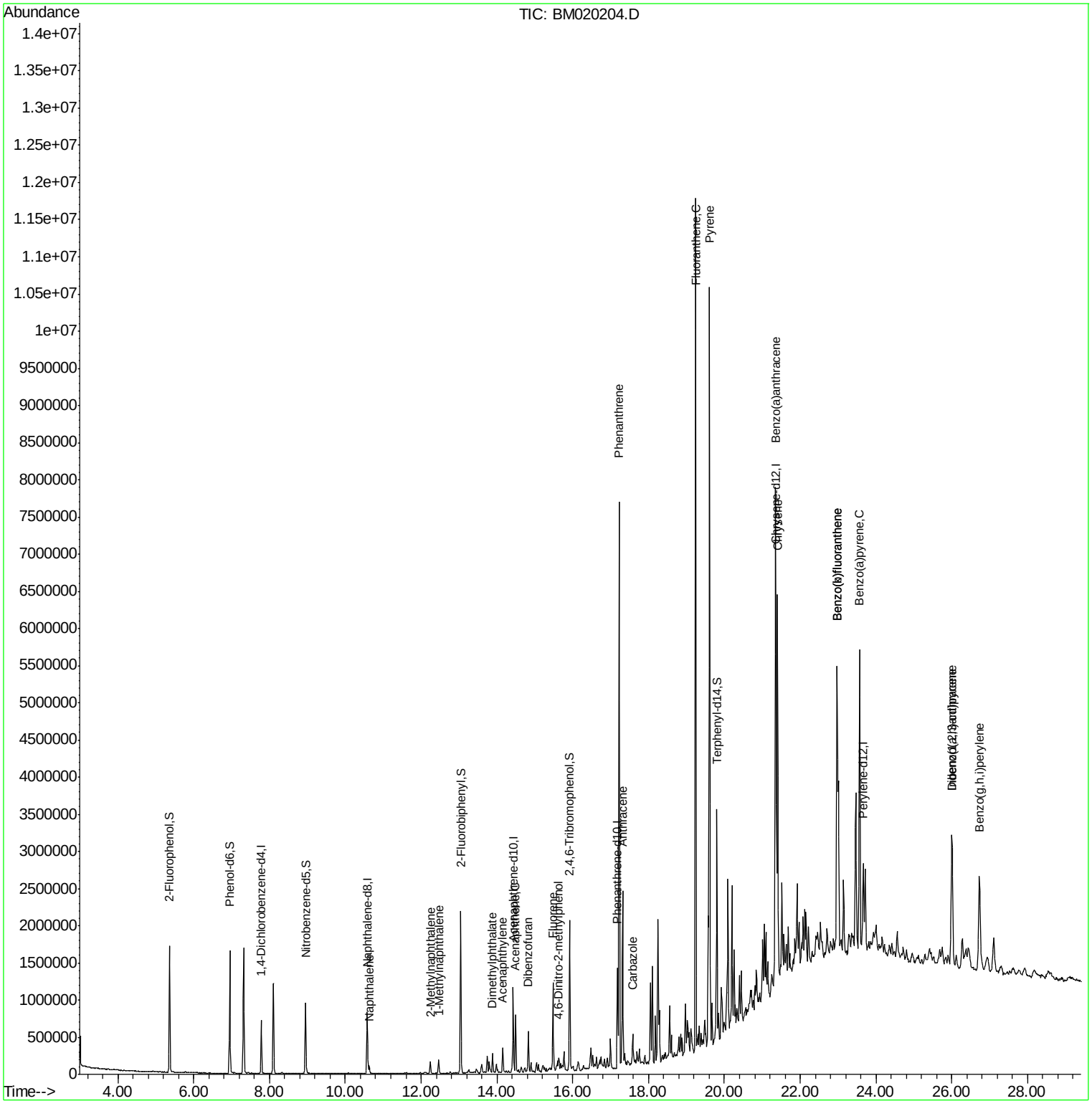
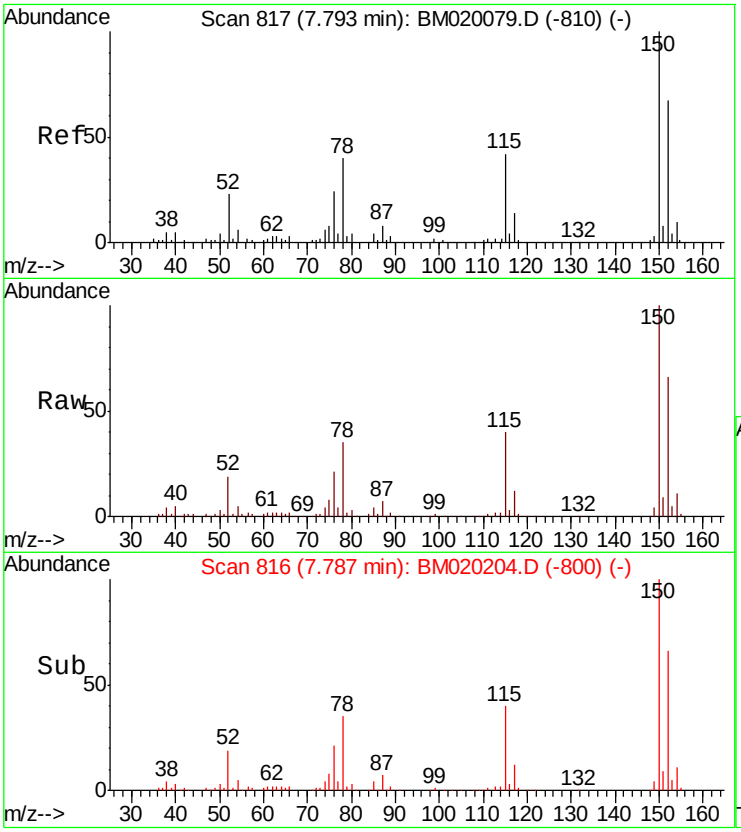


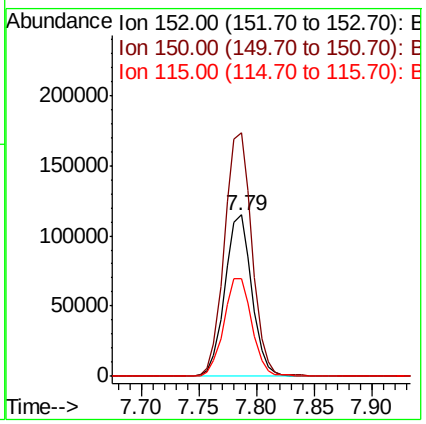


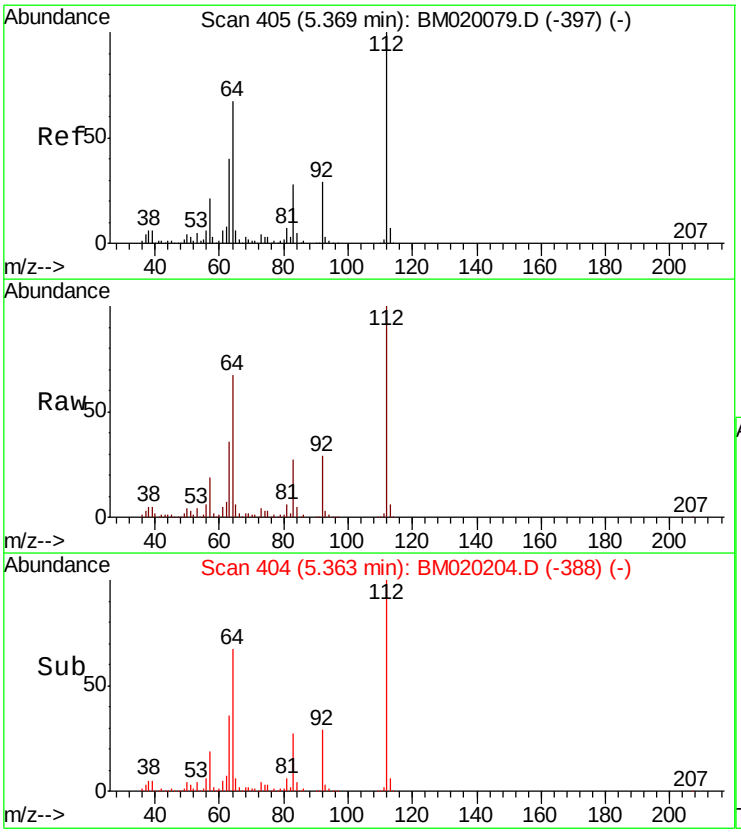
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:152 Resp: 184838

Ion	Ratio	Lower	Upper
152	100		
150	150.8	119.8	179.8
115	60.3	50.8	76.2

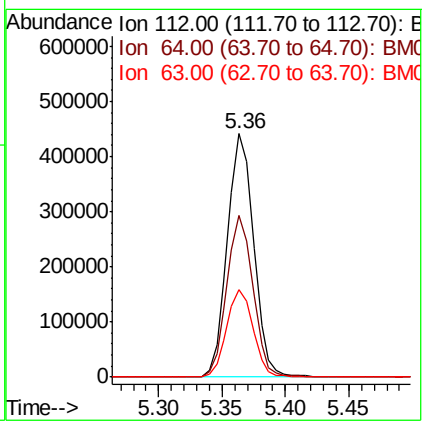


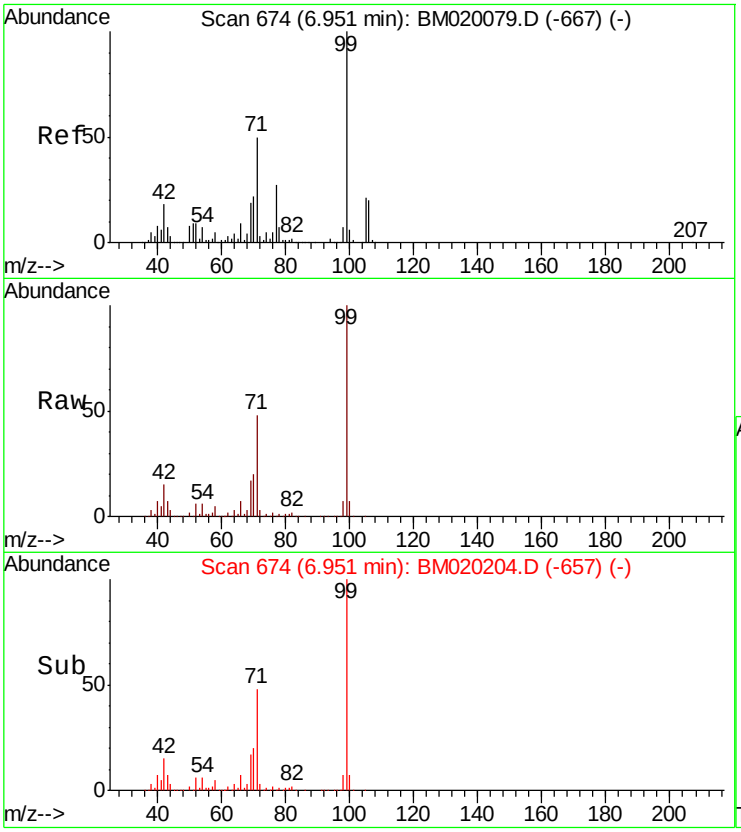


#5
2-Fluorophenol
Concen: 56.128 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:112 Resp: 634684

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.8	80.6
63	36.1	32.3	48.5



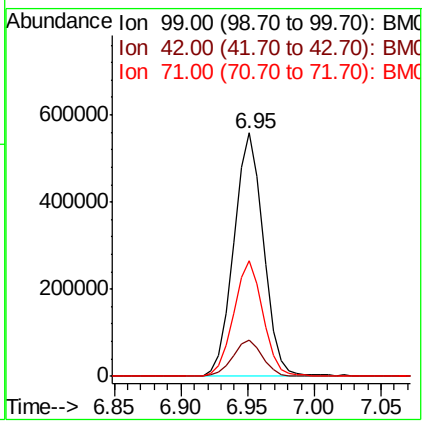


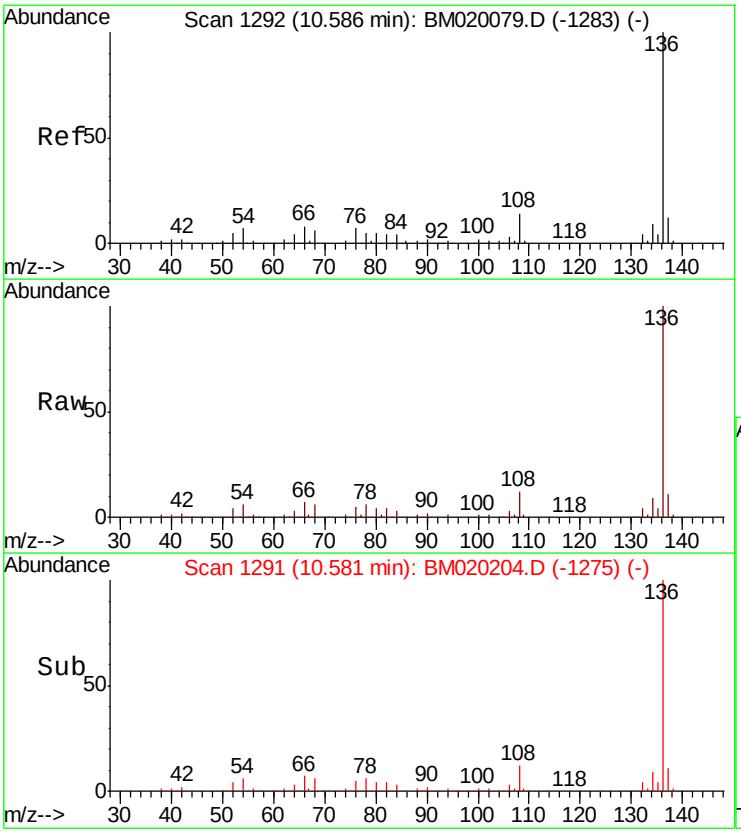
#7
Phenol-d6
Concen: 56.002 ng
RT: 6.95 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion: 99 Resp: 865135

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.2	21.2
71	47.6	40.3	60.5

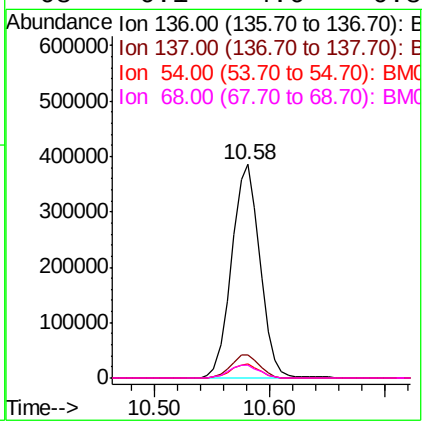


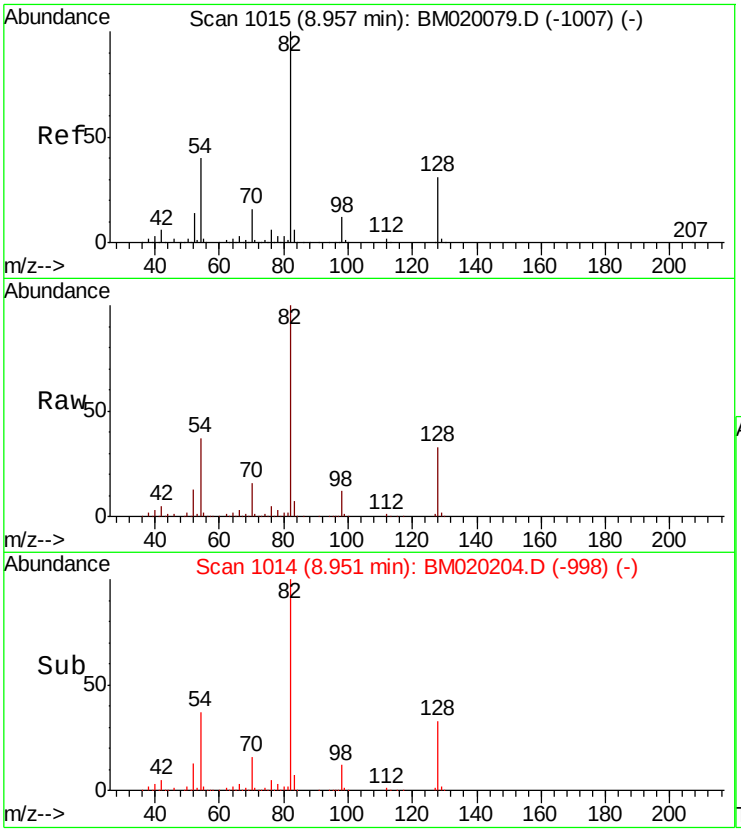


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:136 Resp: 655797

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	6.4	5.5	8.3
68	6.1	4.6	6.8



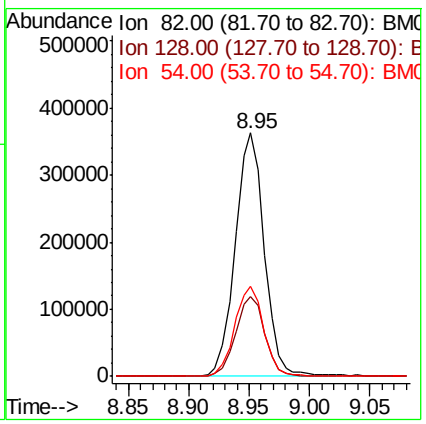


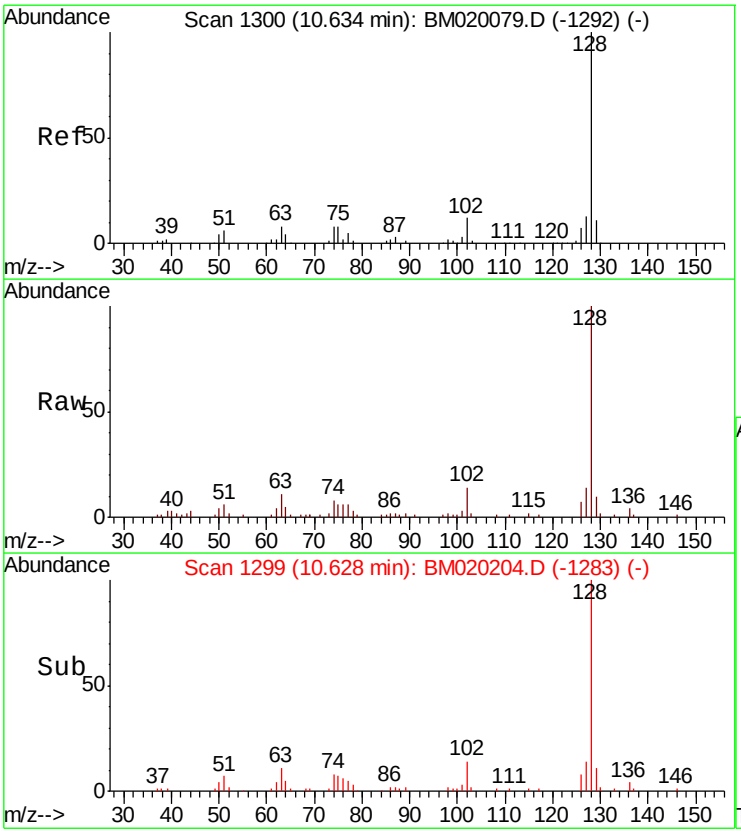
#23
Nitrobenzene-d5
Concen: 36.680 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion: 82 Resp: 609290

Ion	Ratio	Lower	Upper
82	100		
128	32.8	25.2	37.8
54	37.2	31.9	47.9

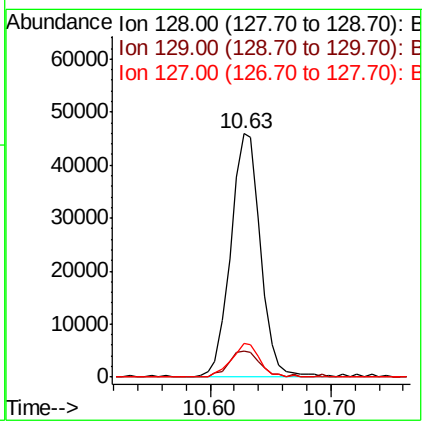


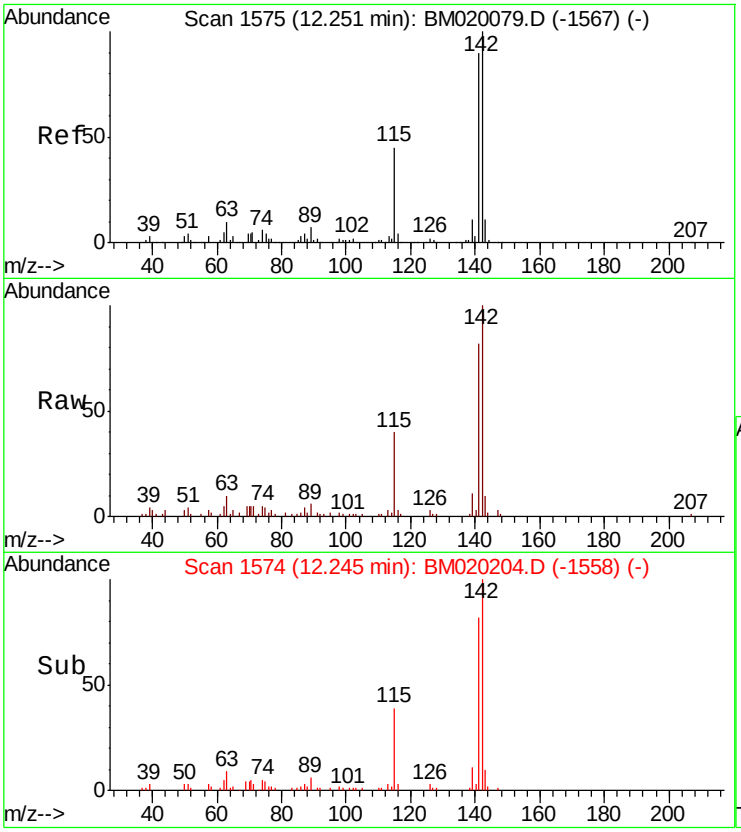


#31
Naphthalene
Concen: 2.323 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:128 Resp: 79042

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	14.0	10.4	15.6



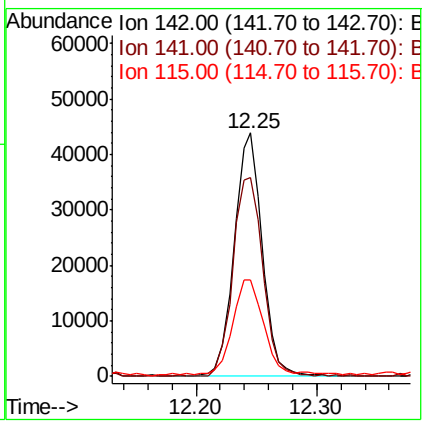


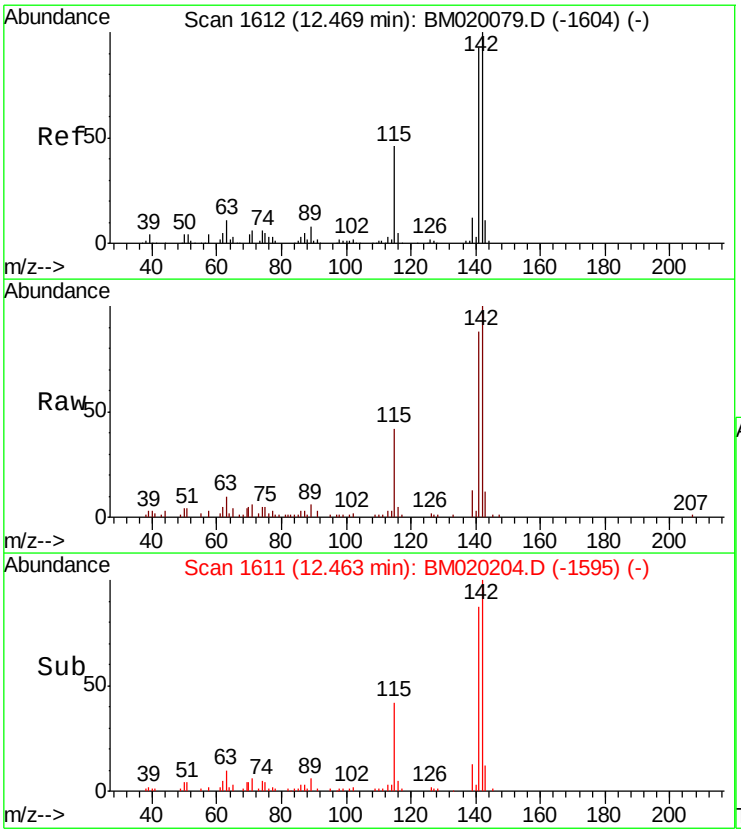
#37
2-Methylnaphthalene
Concen: 2.856 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:142 Resp: 70865

Ion	Ratio	Lower	Upper
142	100		
141	81.6	71.6	107.4
115	39.8	35.8	53.6

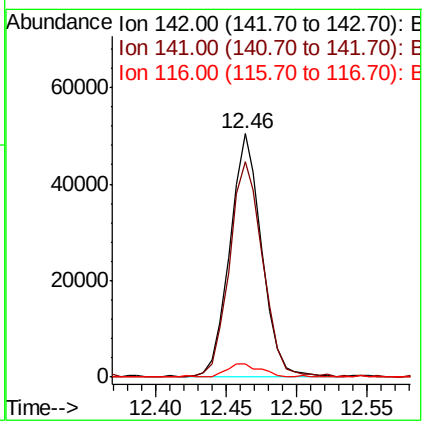


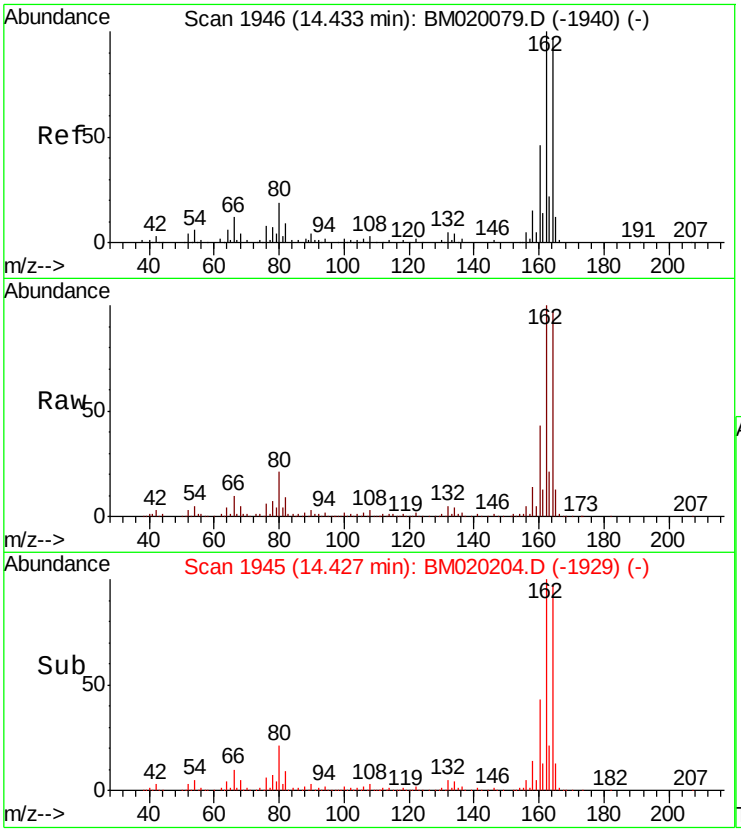


#38
1-Methylnaphthalene
Concen: 3.269 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:142 Resp: 79312

Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.8	112.2
116	5.2	3.9	5.9



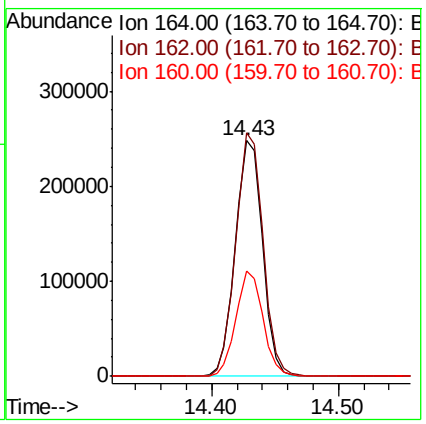


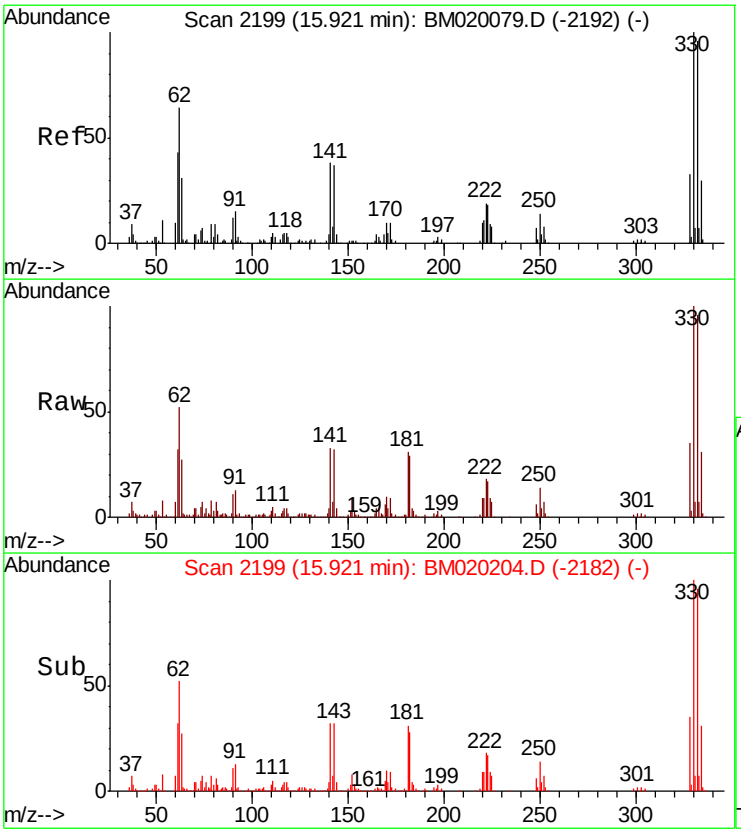
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:164 Resp: 368144

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	44.7	37.6	56.4

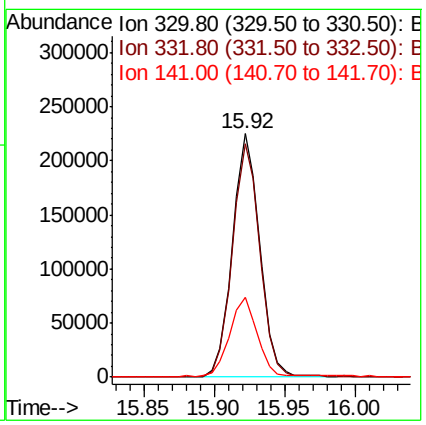


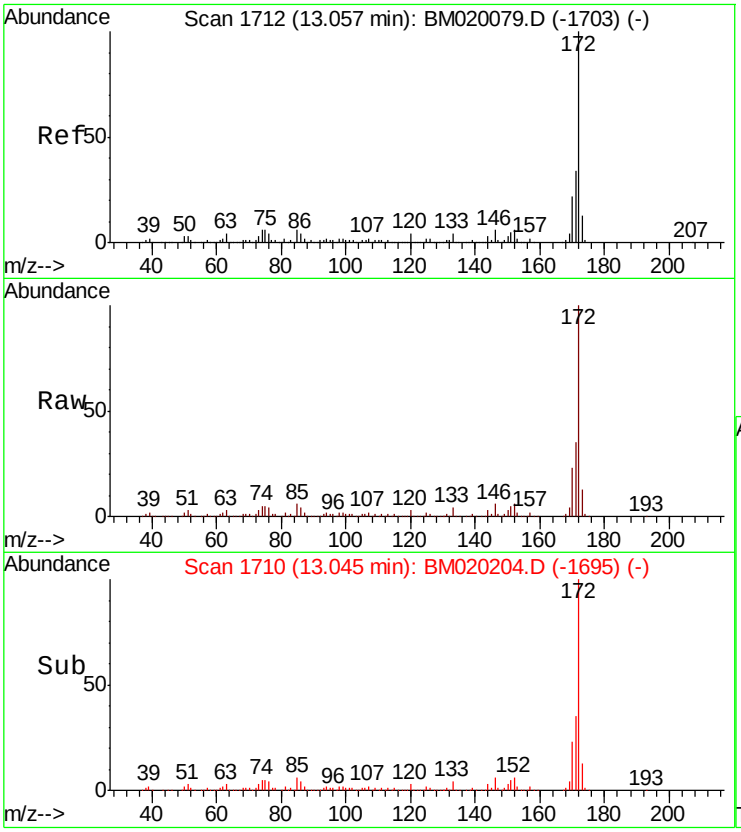


#42
2,4,6-Tribromophenol
Concen: 53.104 ng
RT: 15.92 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:330 Resp: 303452

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	32.8	29.2	43.8



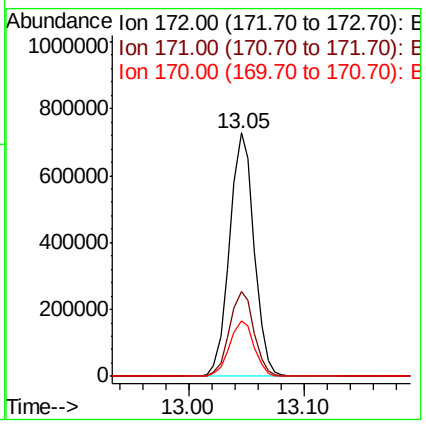


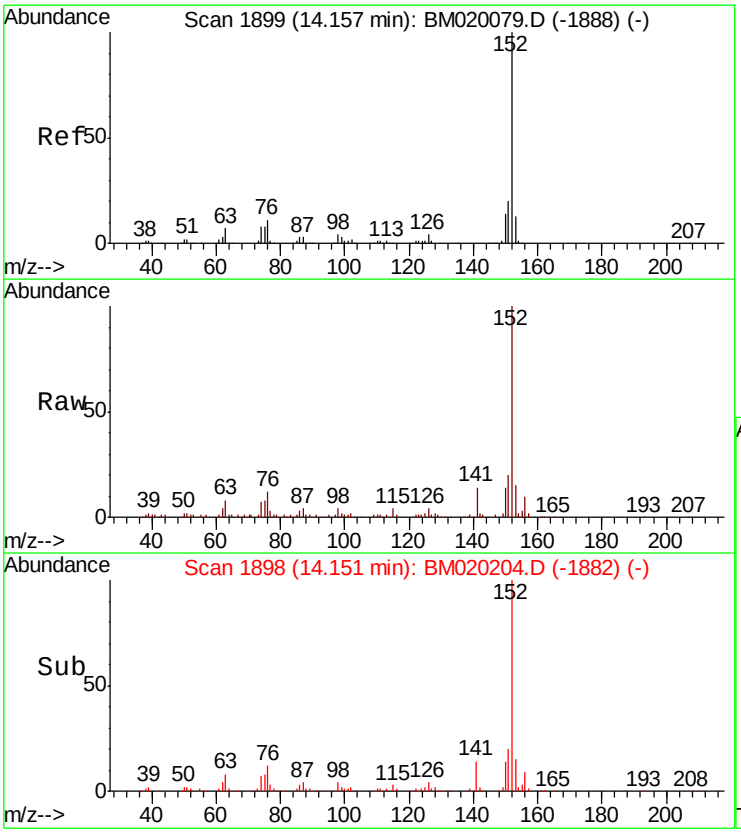
#45
2-Fluorobiphenyl
Concen: 35.782 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:172 Resp: 1070647

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	22.8	17.9	26.9

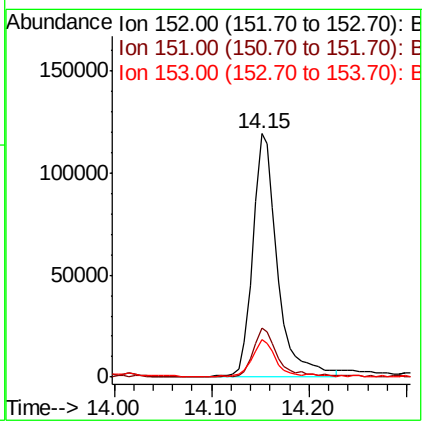


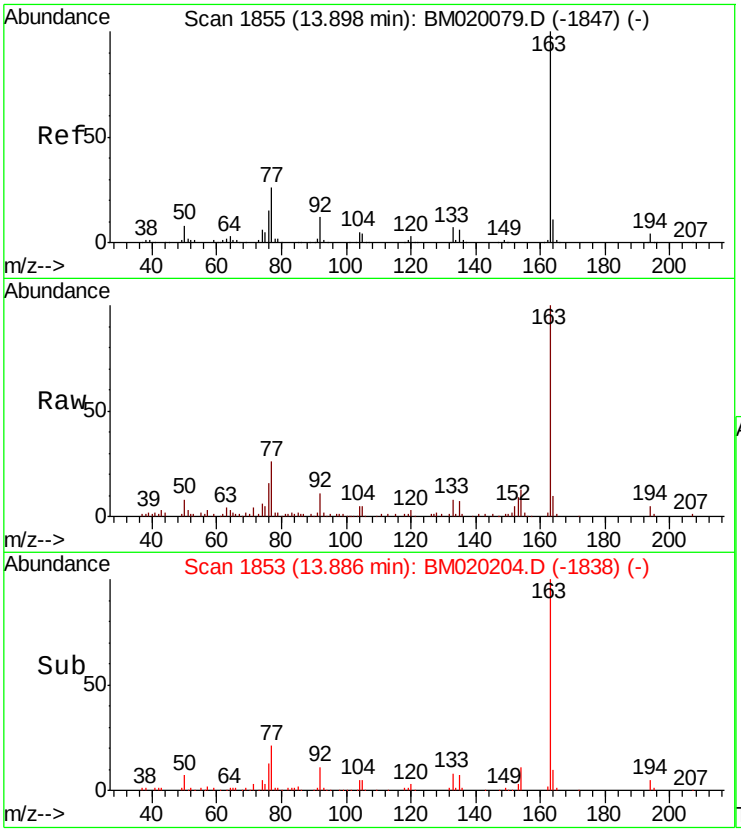


#49
Acenaphthylene
Concen: 5.459 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:152 Resp: 211380

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	15.3	10.6	16.0



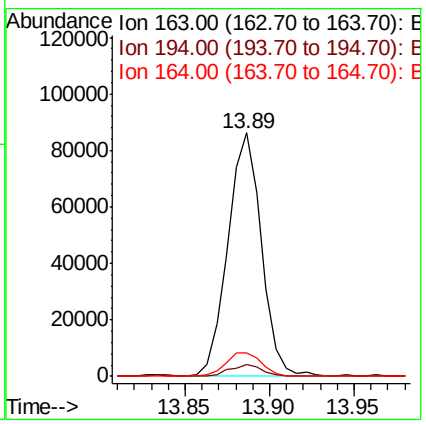


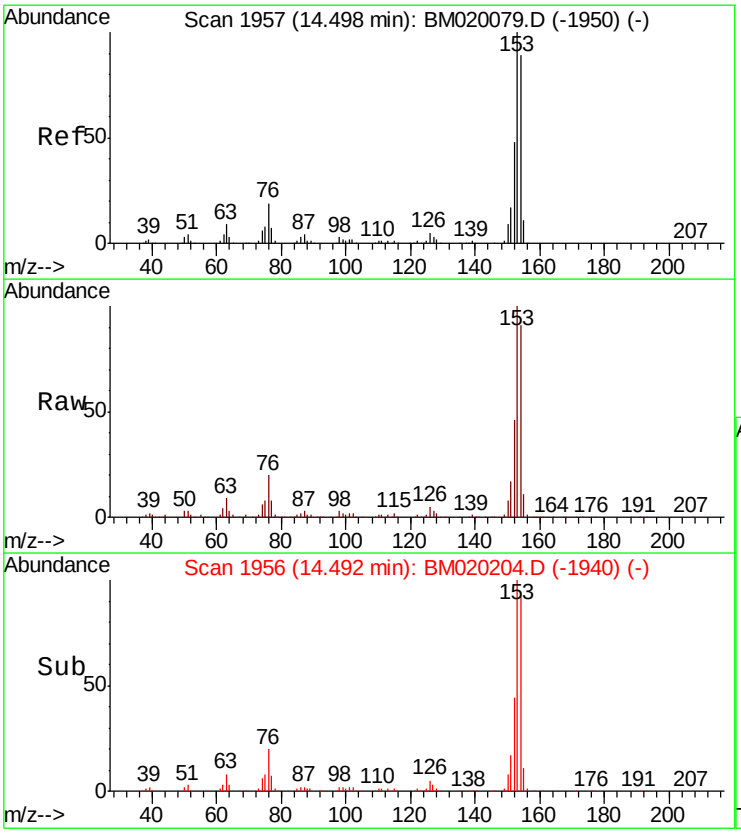
#50
Dimethylphthalate
Concen: 3.797 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:163 Resp: 118804

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	9.9	8.4	12.6

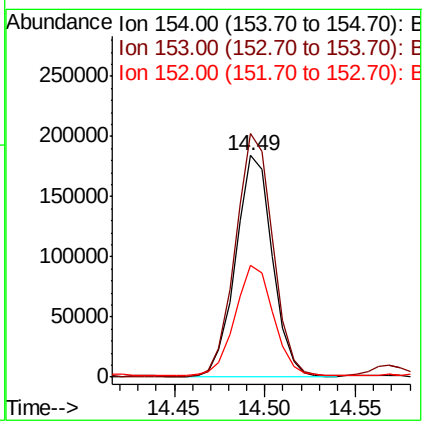


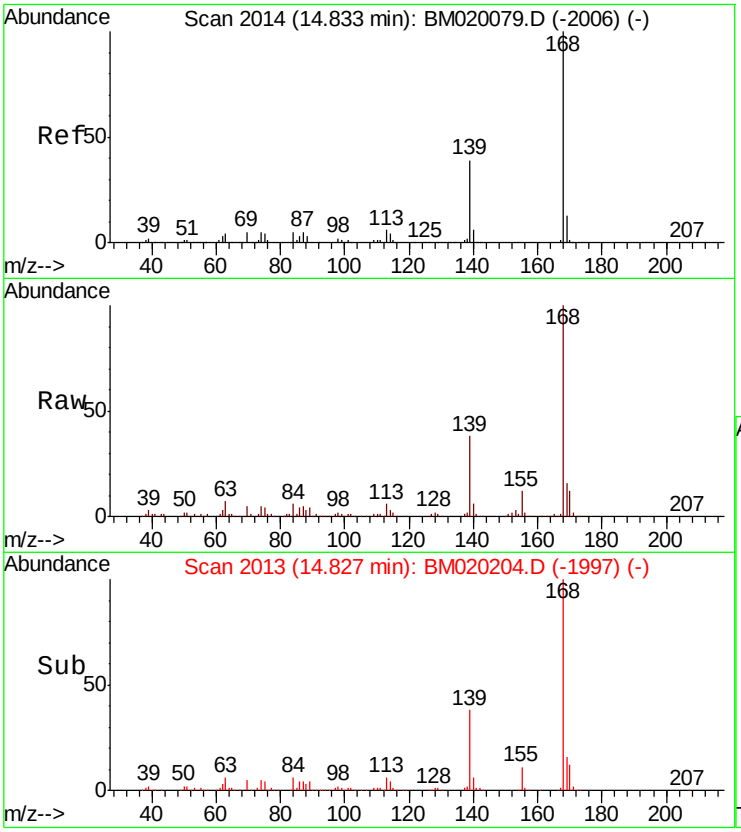


#52
Acenaphthene
Concen: 11.747 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:154 Resp: 260828

Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.2	135.2
152	50.3	43.0	64.4



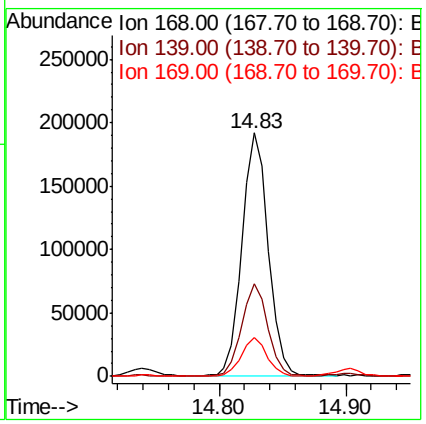


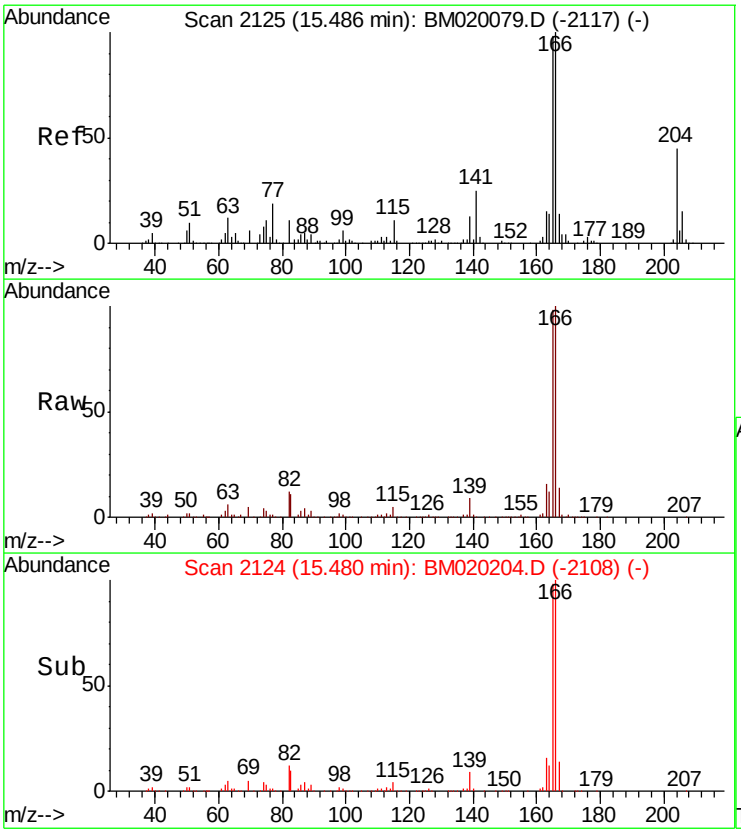
#55
Dibenzofuran
Concen: 7.365 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:168 Resp: 275852

Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.1	46.7
169	15.9	10.6	16.0

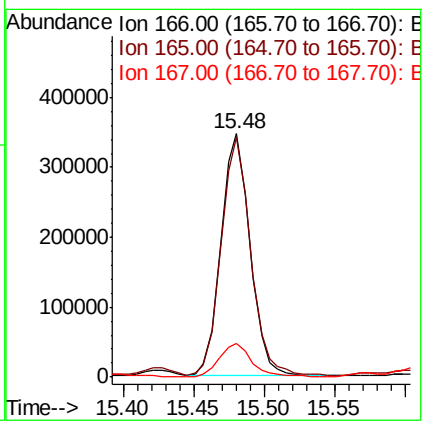


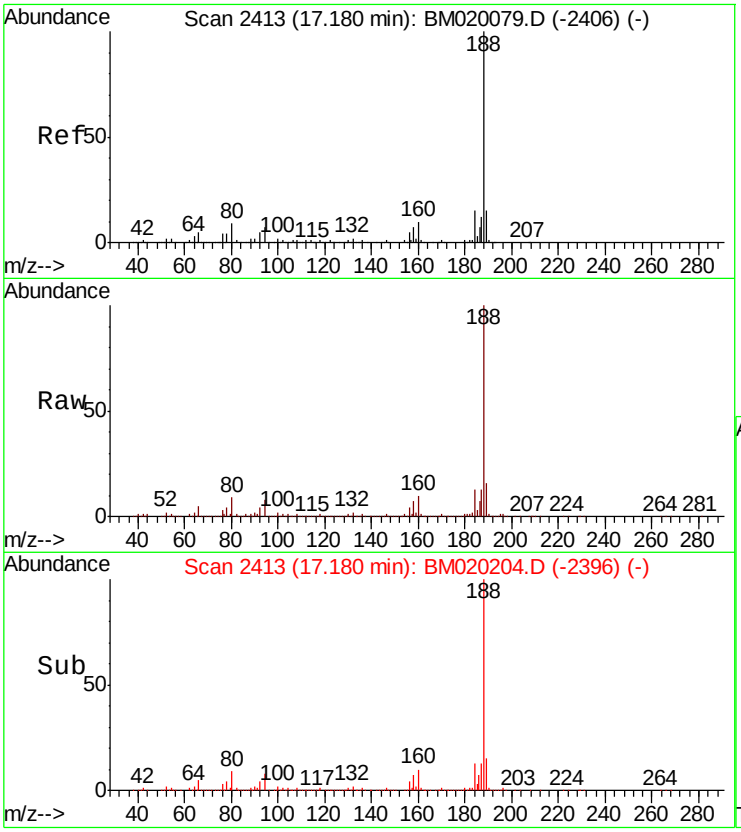


#58
Fluorene
Concen: 16.097 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:166 Resp: 495111

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	14.0	11.0	16.4



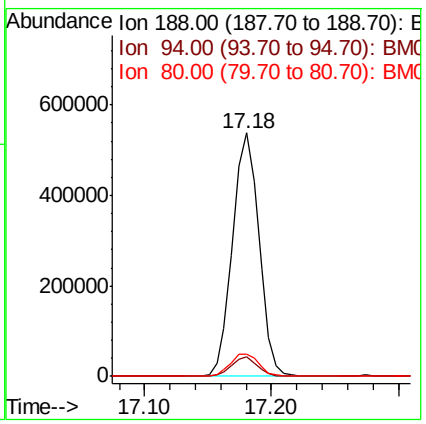


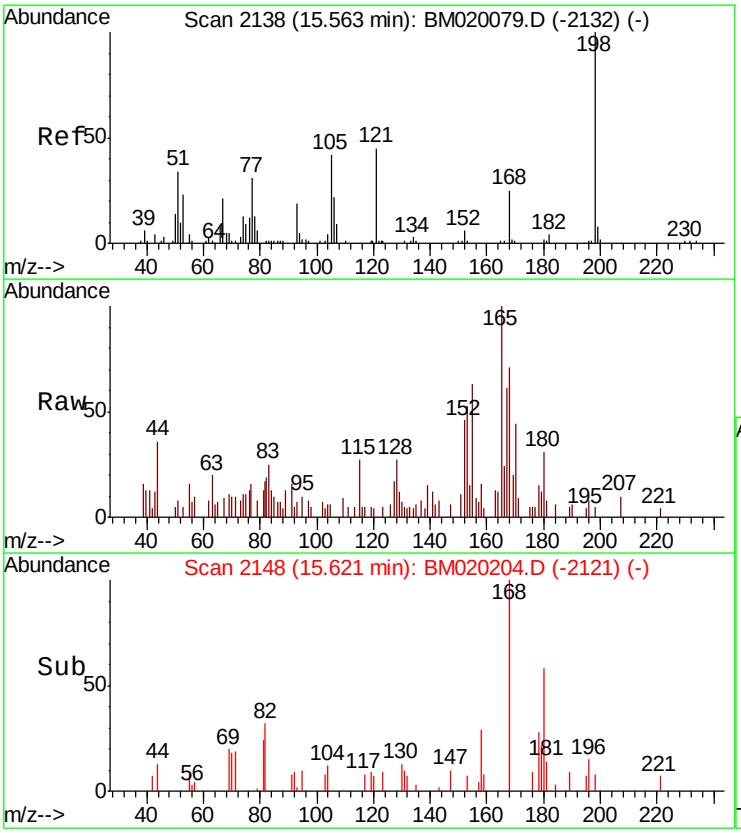
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:188 Resp: 777785

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	9.3	7.4	11.2

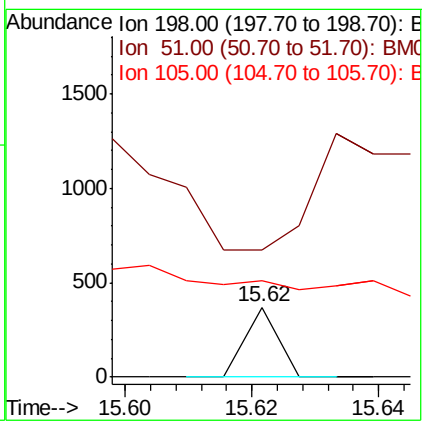


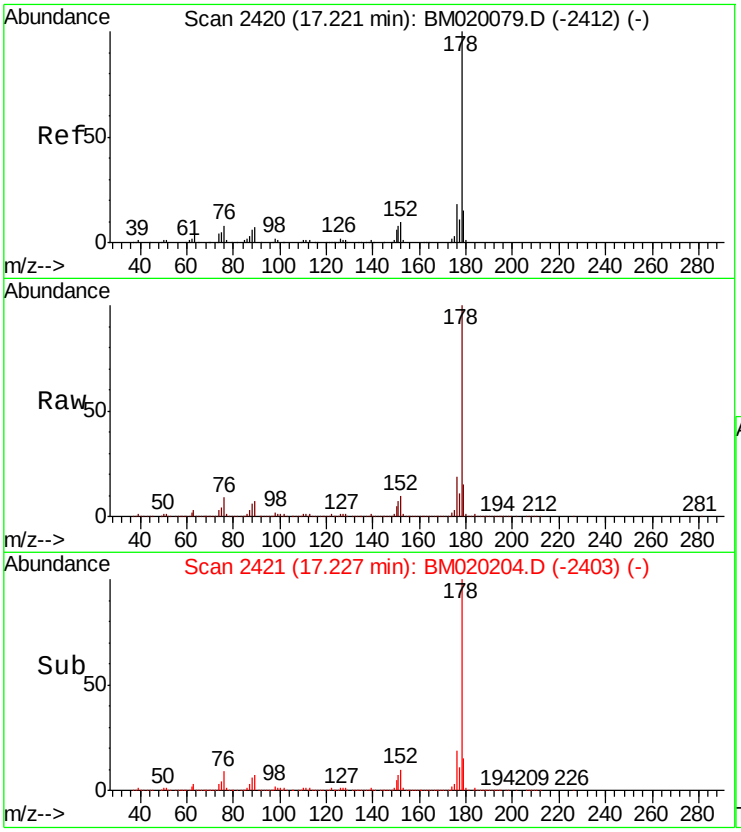


#65
4,6-Dinitro-2-methylphenol
Concen: 7.190 ng
RT: 15.62 min Scan# 2148
Delta R.T. 0.06 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	182.2	16.5	56.5#
105	137.7	22.8	62.8#



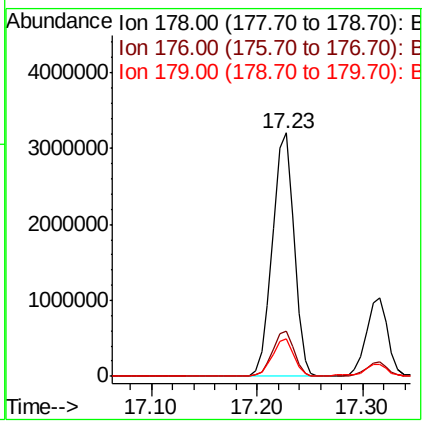


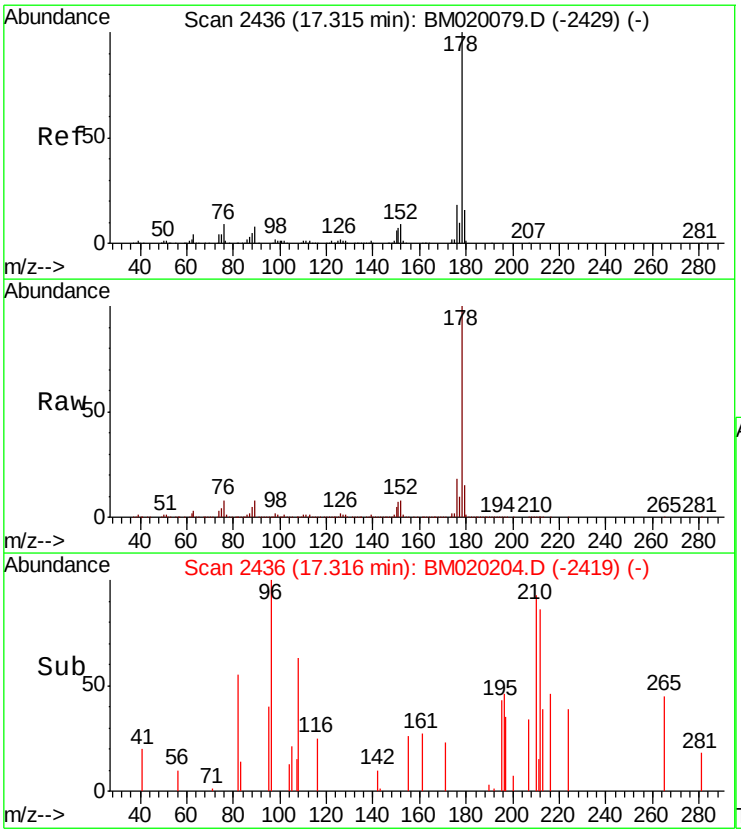
#71
Phenanthrene
Concen: 104.685 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:178 Resp: 4494598

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.3	12.4	18.6

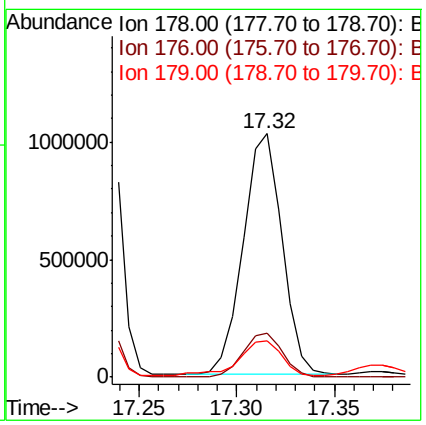


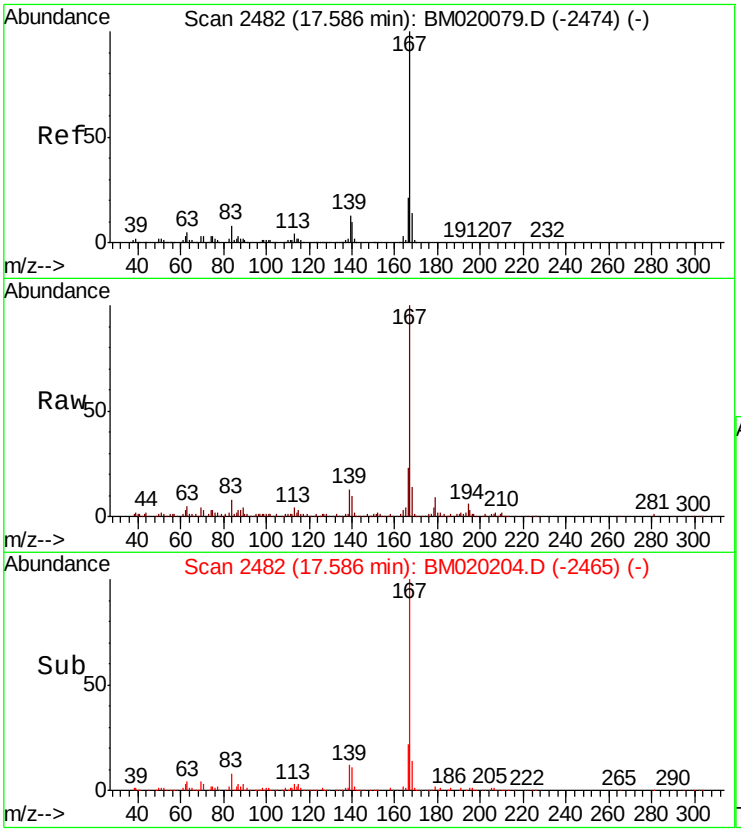


#72
Anthracene
Concen: 33.072 ng
RT: 17.32 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:178 Resp: 1419667

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.1	12.4	18.6



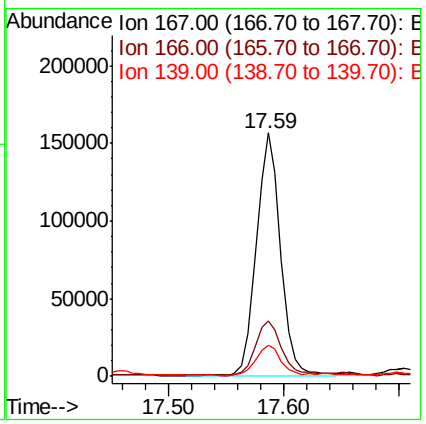


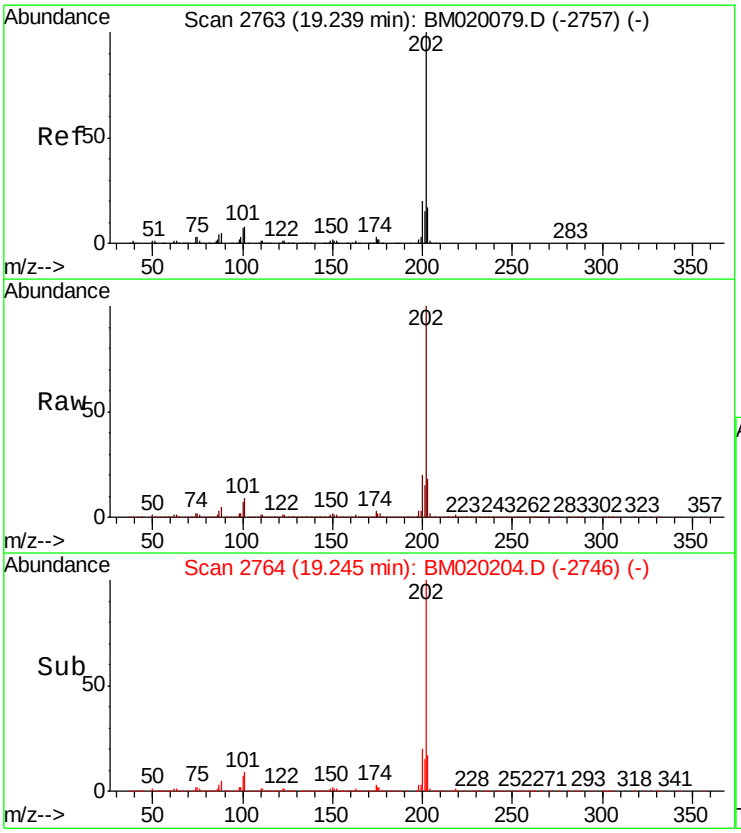
#73
Carbazole
Concen: 5.902 ng
RT: 17.59 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:167 Resp: 228616

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.0	25.6
139	12.9	10.6	16.0

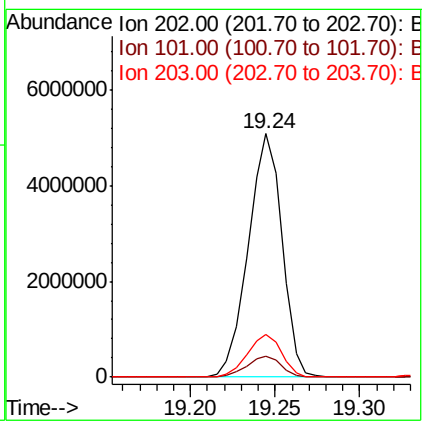


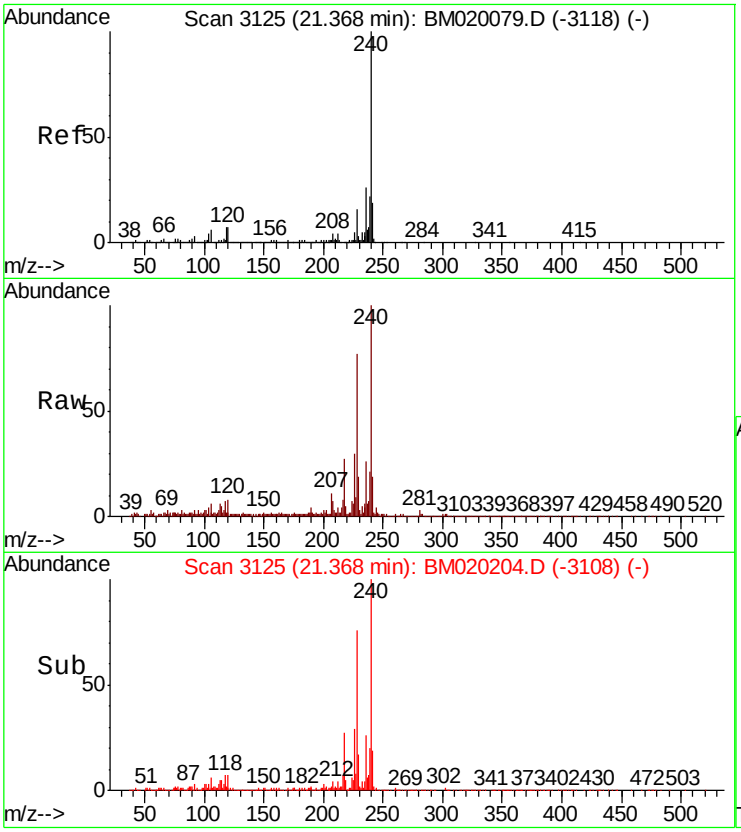


#75
Fluoranthene
Concen: 130.154 ng
RT: 19.24 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:202 Resp: 7070347

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.4
203	17.7	0.0	37.4



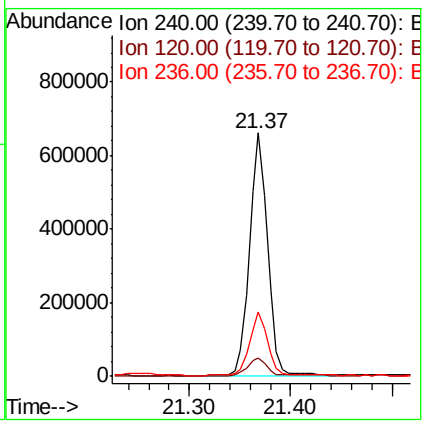


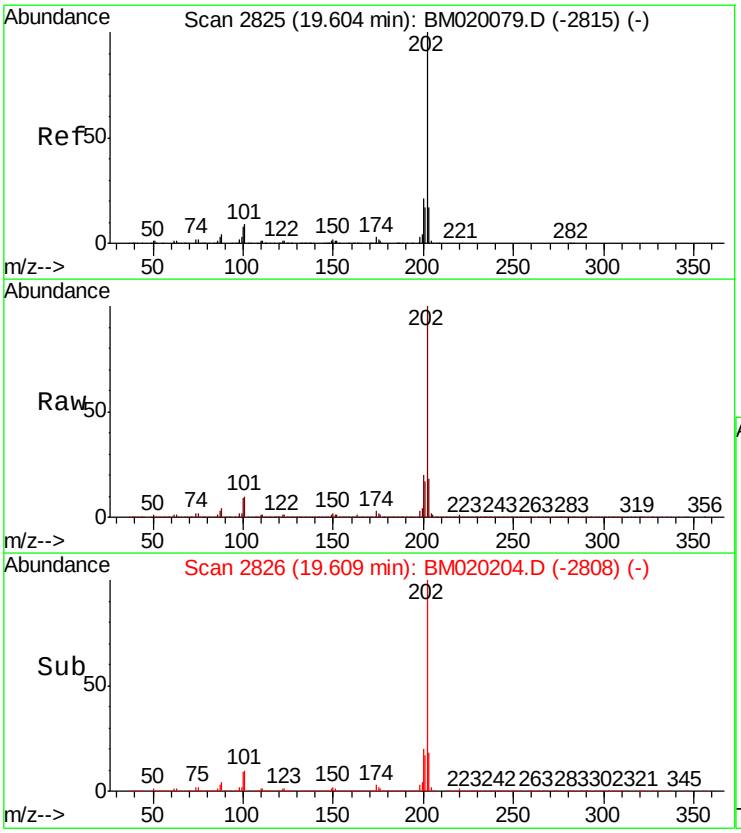
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:240 Resp: 815548

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.6	8.4
236	26.5	20.9	31.3

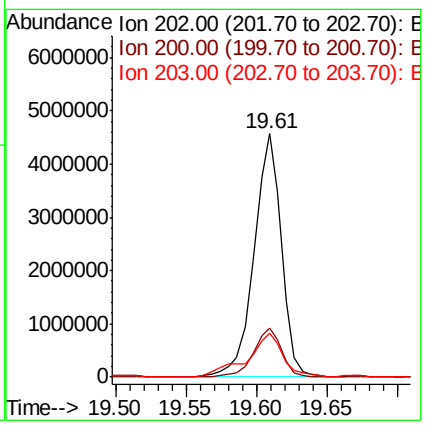


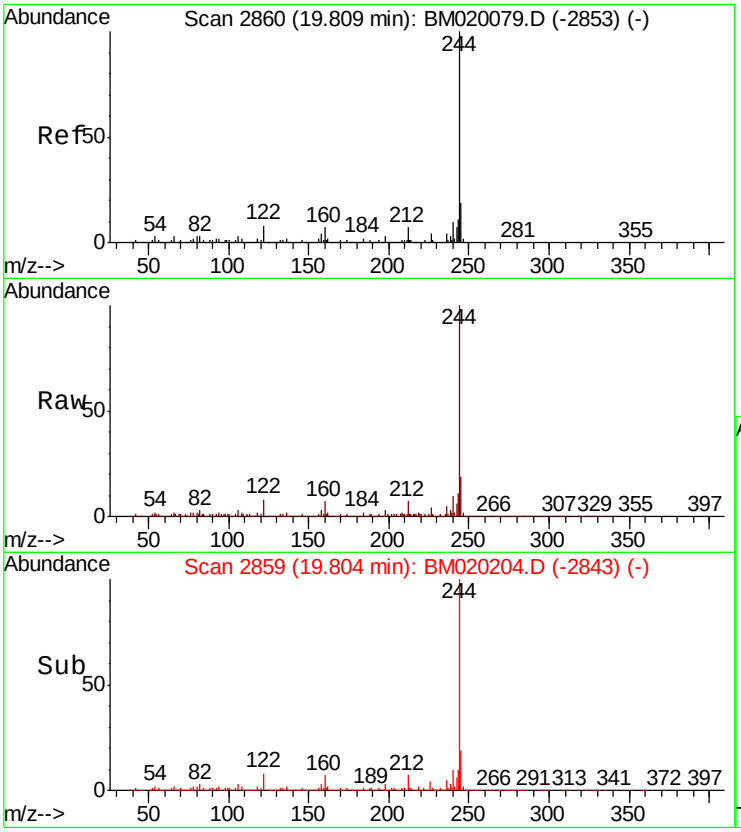


#78
Pyrene
Concen: 113.732 ng
RT: 19.61 min Scan# 2826
Delta R.T. 0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:202 Resp: 6227415

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	18.1	13.9	20.9



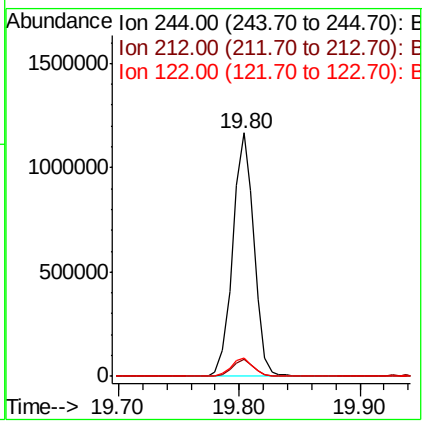


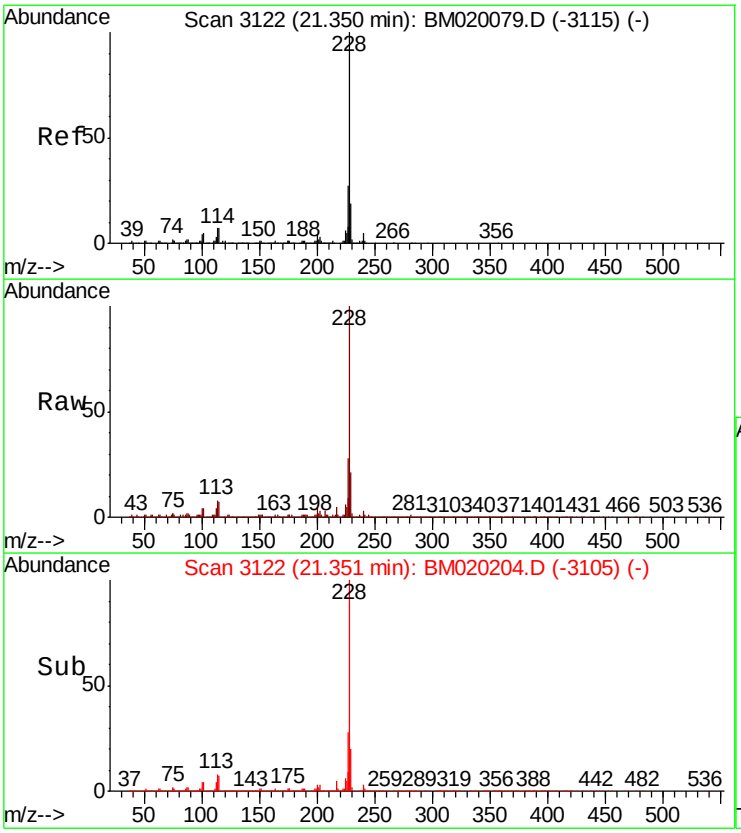
#79
Terphenyl-d14
Concen: 30.365 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:244 Resp: 1419805

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.7	6.2	9.2

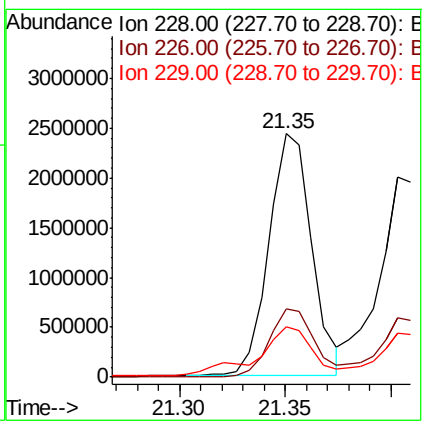


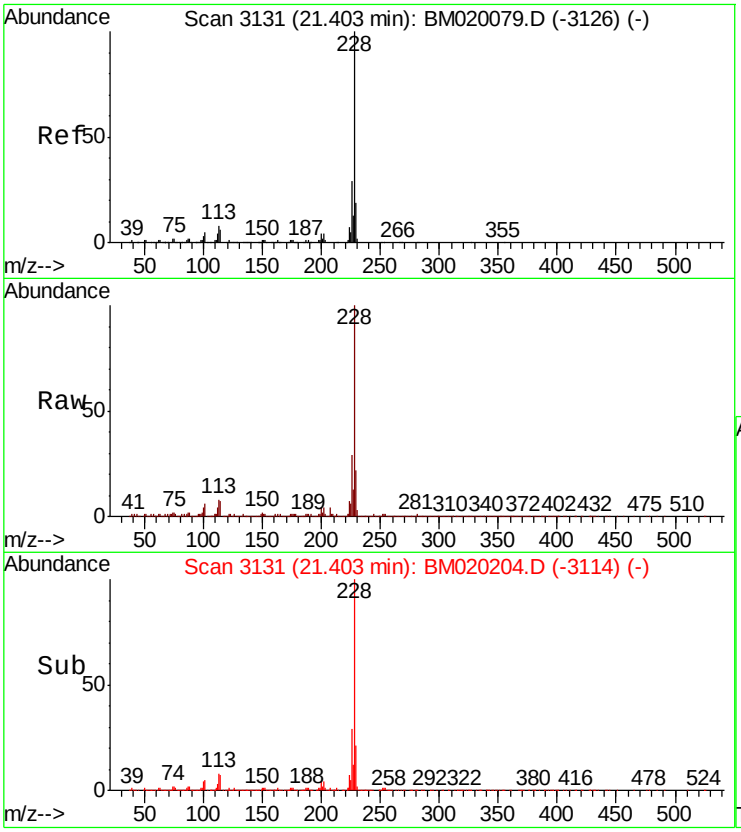


#81
Benzo(a)anthracene
Concen: 60.107 ng
RT: 21.35 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:228 Resp: 3437786

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	20.8	15.5	23.3



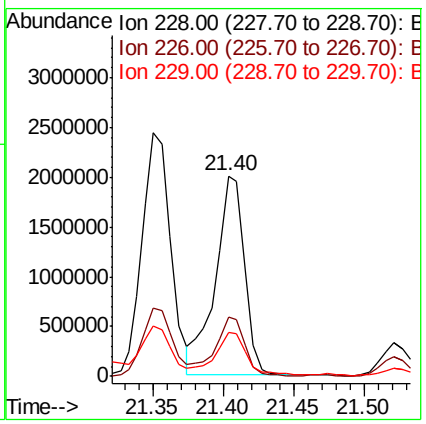


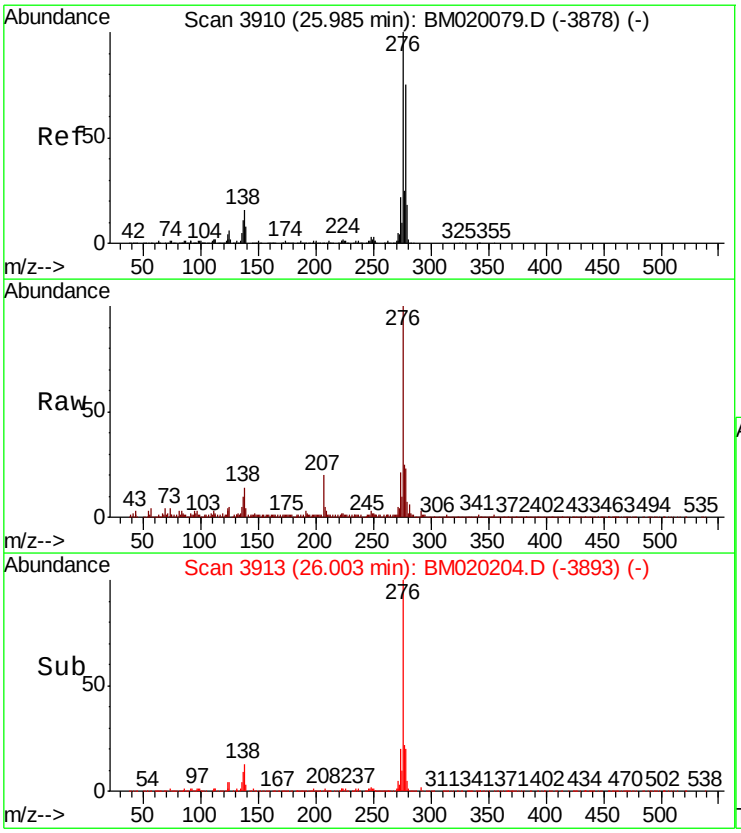
#83
Chrysene
Concen: 51.896 ng
RT: 21.40 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:228 Resp: 2878611

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.6
229	22.1	15.5	23.3

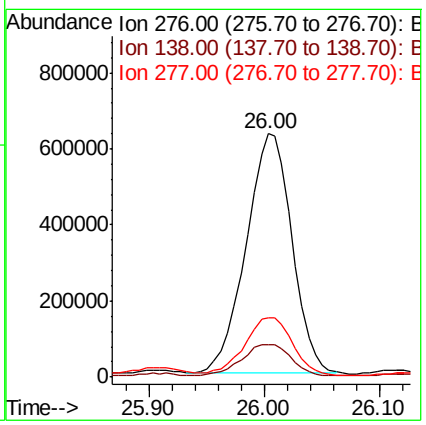


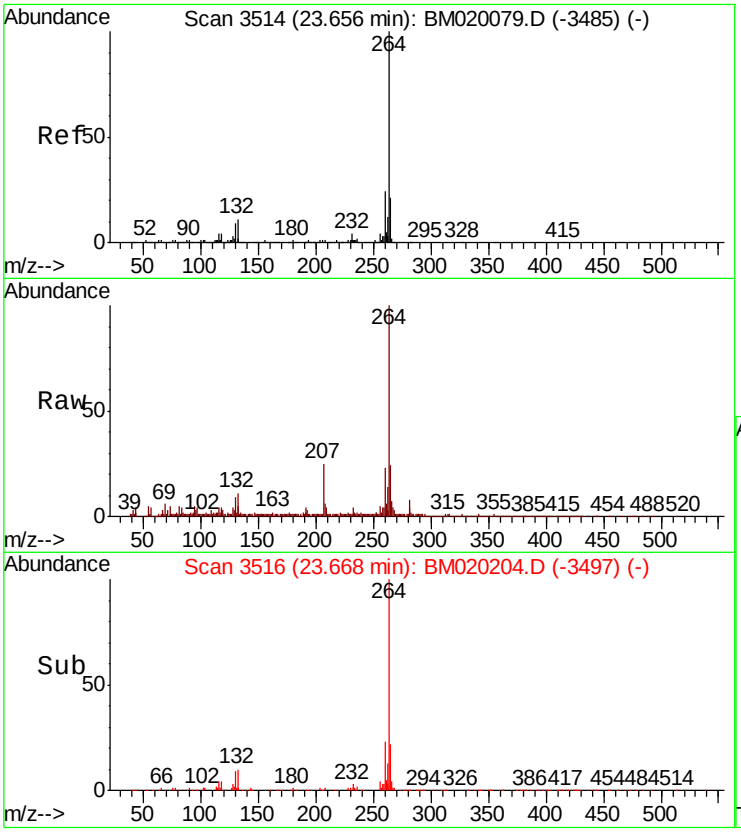


#86
Indeno(1,2,3-cd)pyrene
Concen: 26.176 ng
RT: 26.00 min Scan# 3913
Delta R.T. 0.02 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:276 Resp: 1727041

Ion	Ratio	Lower	Upper
276	100		
138	13.6	0.0	0.0#
277	25.0	0.0	0.0#



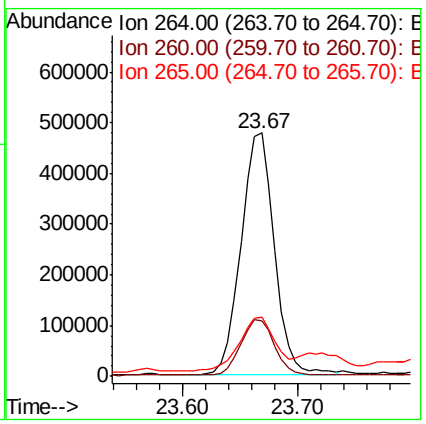


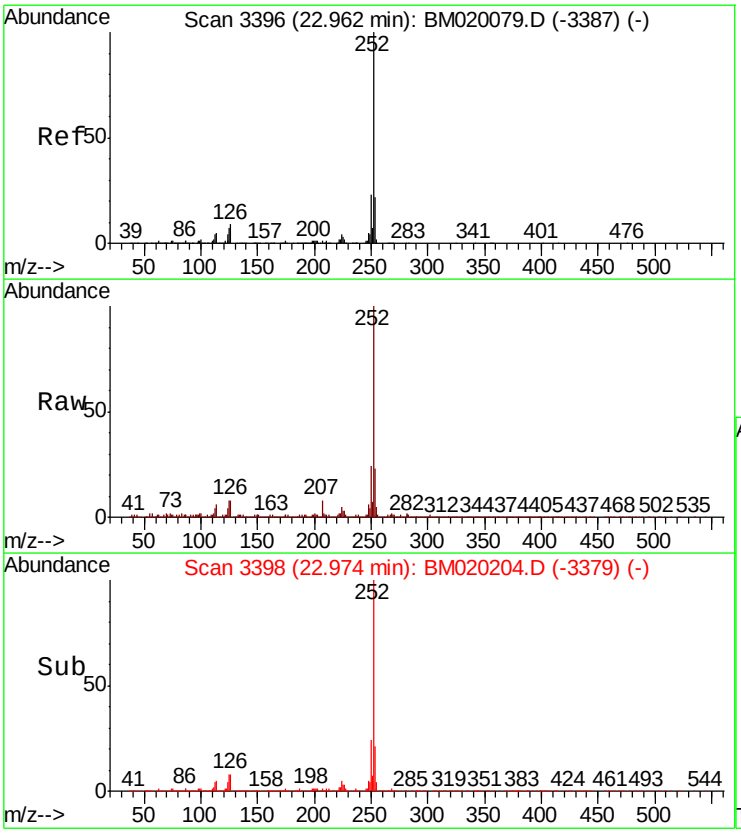
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. 0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:264 Resp: 959039

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	24.3	16.9	25.3

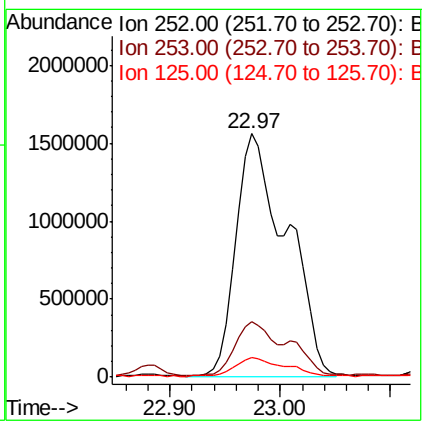


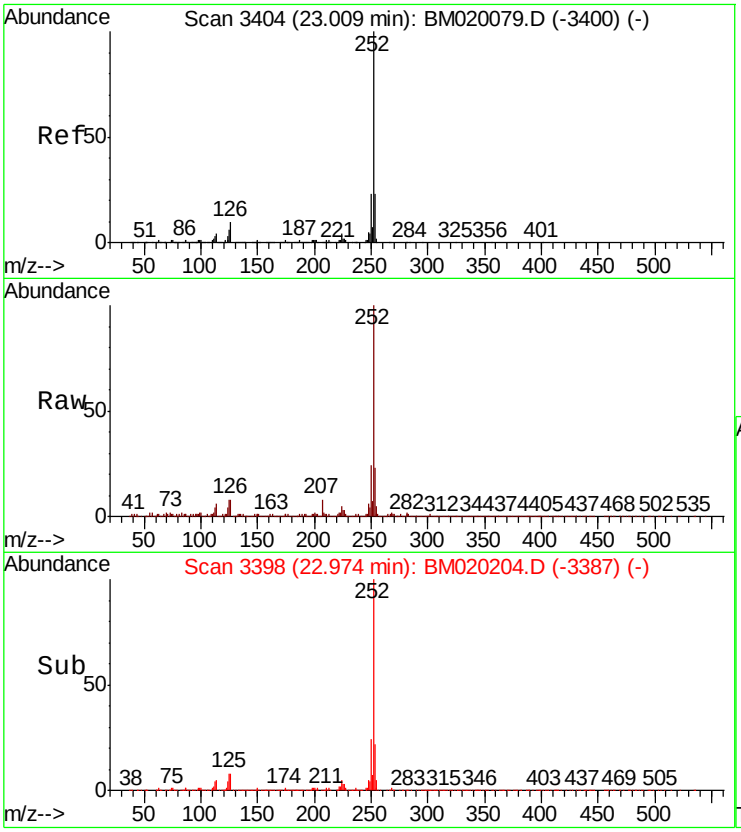


#88
Benzo(b)fluoranthene
Concen: 78.800 ng
RT: 22.97 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:252 Resp: 4990380

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	8.1	5.4	8.2



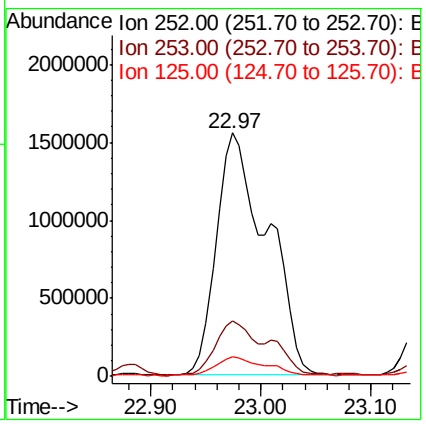


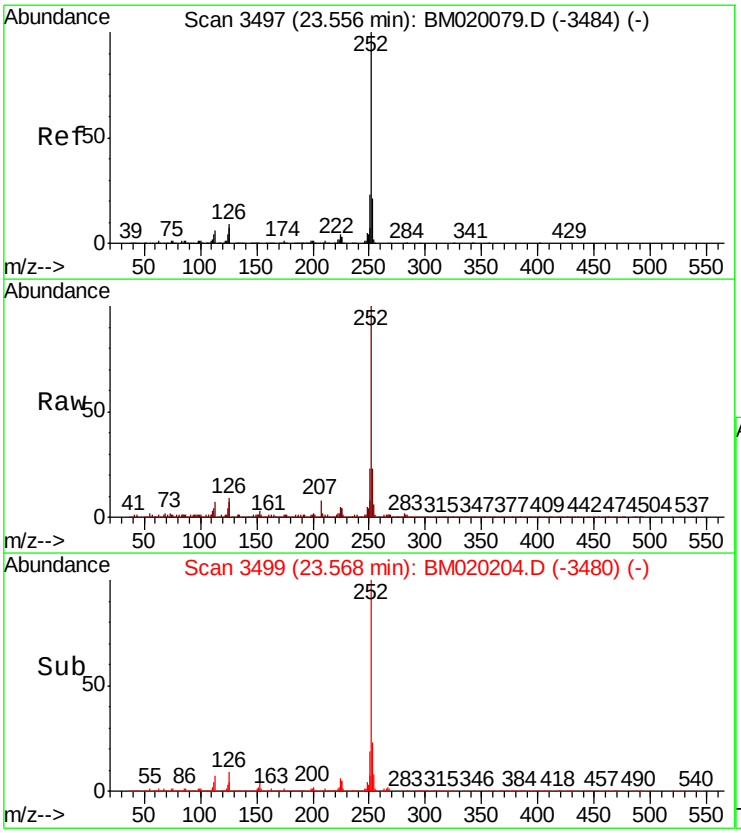
#89
Benzo(k)fluoranthene
Concen: 85.386 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.04 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:252 Resp: 4932637

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.1	5.4	8.0#

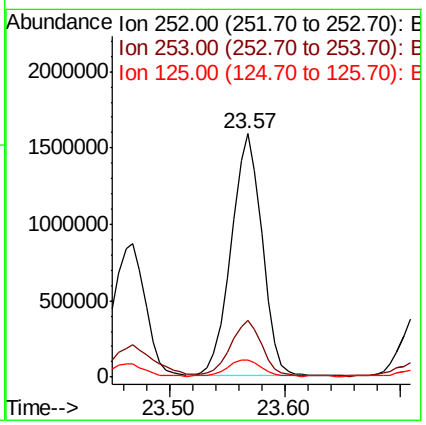


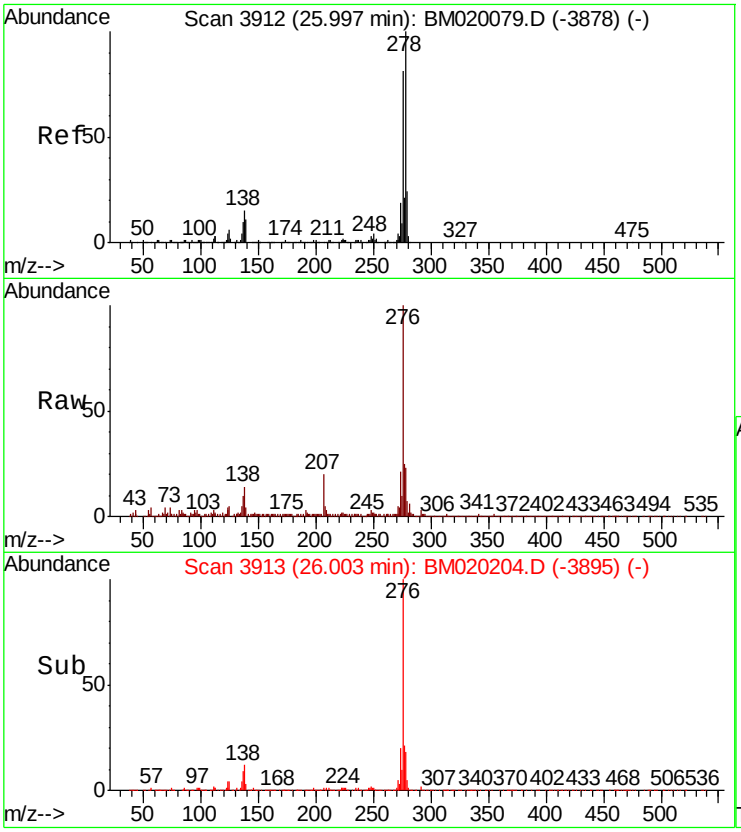


#90
Benzo(a)pyrene
Concen: 50.913 ng
RT: 23.57 min Scan# 3499
Delta R.T. 0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:252 Resp: 2928719

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	7.2	5.5	8.3



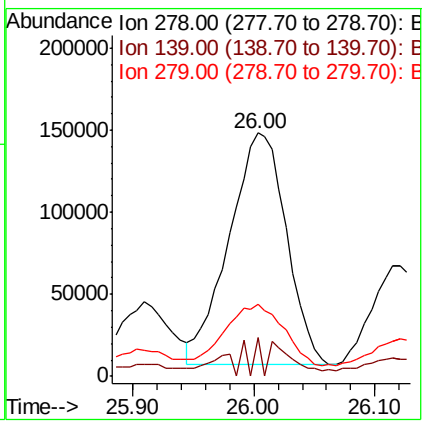


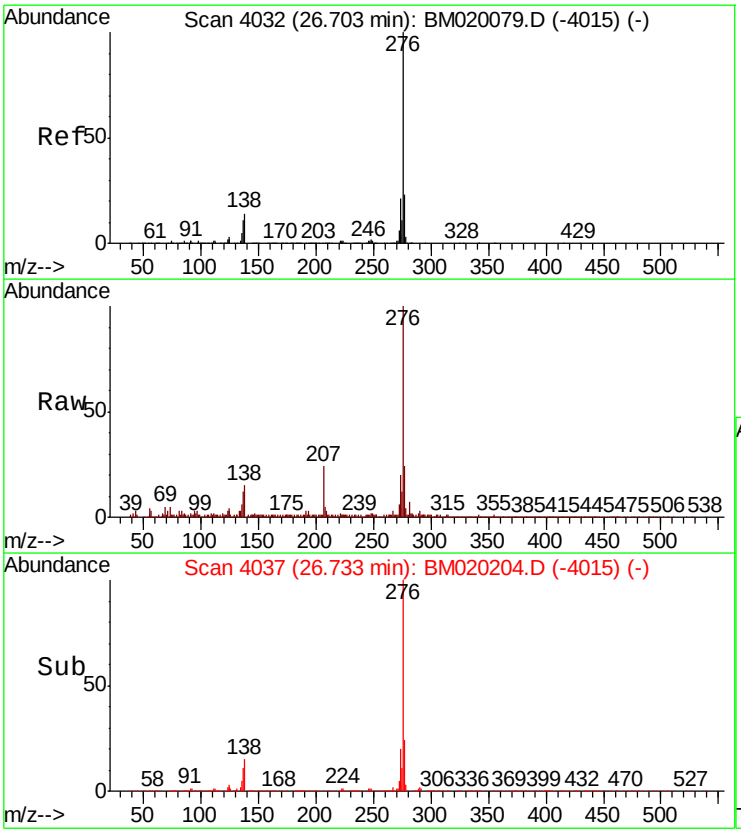
#91
Dibenzo(a,h)anthracene
Concen: 7.783 ng
RT: 26.00 min Scan# 3913
Delta R.T. 0.01 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-E

Tgt Ion:278 Resp: 465575

Ion	Ratio	Lower	Upper
278	100		
139	16.1	8.6	13.0#
279	29.5	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 28.675 ng
RT: 26.73 min Scan# 4037
Delta R.T. 0.03 min
Lab File: BM020204.D
Acq: 08 May 2019 20:46

Tgt Ion:276 Resp: 1628594

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	15.2	11.1	16.7