Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020600.D
Acq On : 29 May 2019 15:32
Operator : JU/SJ
Sample : K3004-01DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CHRT-26835DL

Quant Time: May 29 16:13:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 14:38:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	43418	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	179235	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	131819	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	347326	20.00	ng	0.00
76) Chrysene-d12	21.24	240	411926	20.00	ng	0.00
87) Perylene-d12	23.47	264	481244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	5359	2.42	ng	0.01
7) Phenol-d6	6.83	99	2095	0.63	ng	0.03
23) Nitrobenzene-d5	8.83	82	1016	0.24	ng	0.03
42) 2,4,6-Tribromophenol	15.79	330	5388	2.04	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	16596	1.58	ng	0.00
79) Terphenyl-d14	19.68	244	42098	1.85	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.46	128	55181	5.963	ng	99
37) 2-Methylnaphthalene	12.09	142	32441	4.588	ng	100
38) 1-Methylnaphthalene	12.31	142	31683	4.625	ng	96
49) Acenaphthylene	14.01	152	34146	2.609	ng	95
52) Acenaphthene	14.35	154	48391	6.136	ng	94
55) Dibenzofuran	14.69	168	48132	3.527	ng	99
58) Fluorene	15.34	166	88234	7.783	ng	99
71) Phenanthrene	17.09	178	702075	37.209	ng	99
72) Anthracene	17.17	178	184001	10.056	ng	99
75) Fluoranthene	19.11	202	1039732	39.626	ng	100
78) Pyrene	19.47	202	887372	34.313	ng	100
81) Benzo(a)anthracene	21.23	228	454335	15.936	ng	98
83) Chrysene	21.28	228	367192	13.329	ng	96
86) Indeno(1,2,3-cd)pyrene	25.71	276	238692	7.166	ng	96
88) Benzo(b)fluoranthene	22.80	252	658856	20.917	ng	98
89) Benzo(k)fluoranthene	22.80	252	665350	21.765	ng	98
90) Benzo(a)pyrene	23.37	252	378049	13.043	ng	99
92) Benzo(g,h,i)perylene	26.40	276	227610	8.276	ng	96

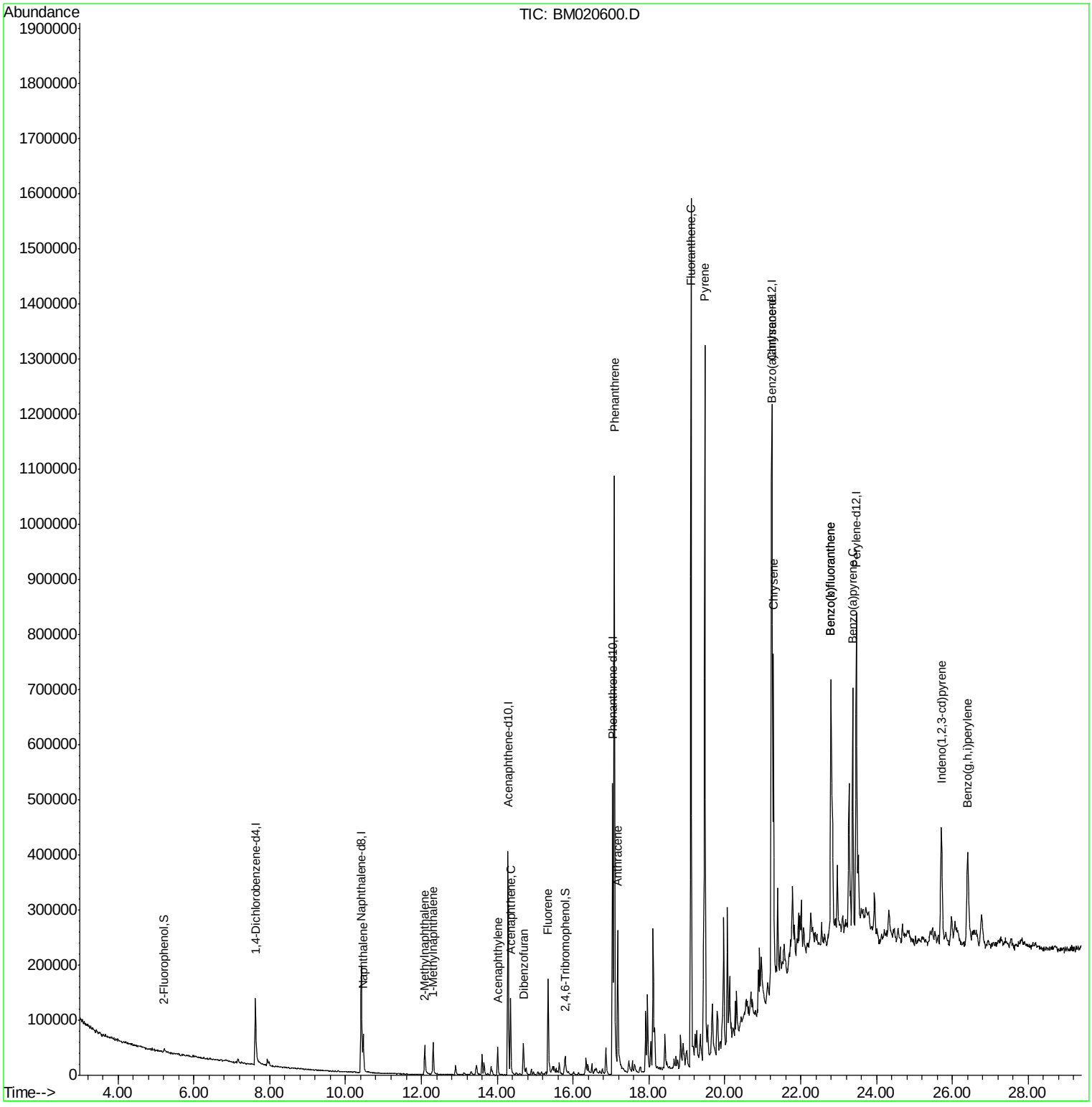
(#) = qualifier out of range (m) = manual integration (+) = signals summed

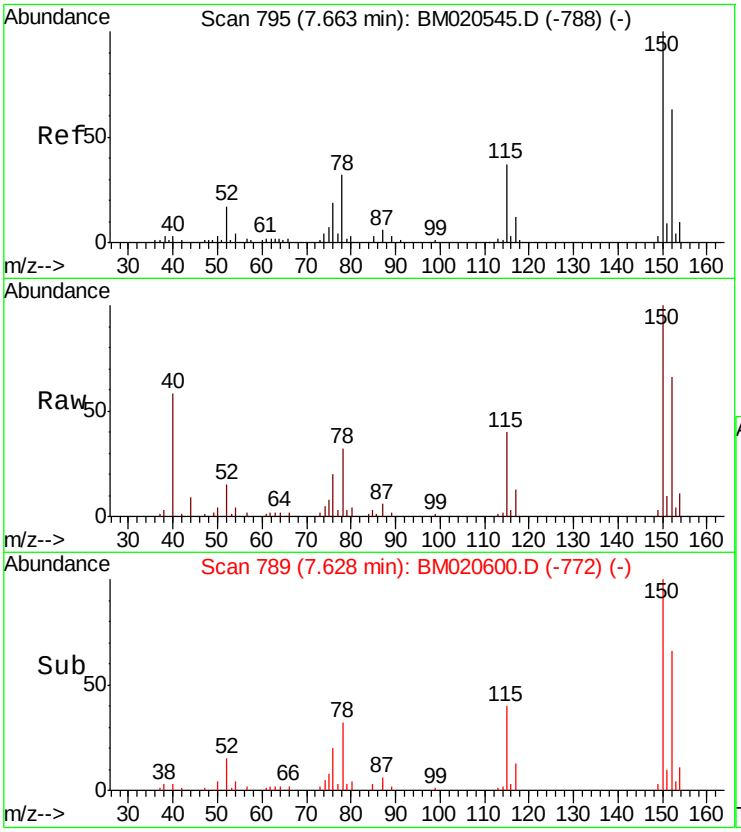
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020600.D
Acq On : 29 May 2019 15:32
Operator : JU/SJ
Sample : K3004-01DL 25X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Quant Time: May 29 16:13:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 14:38:47 2019
Response via : Initial Calibration



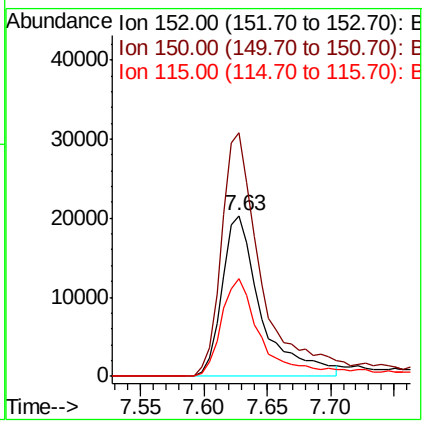


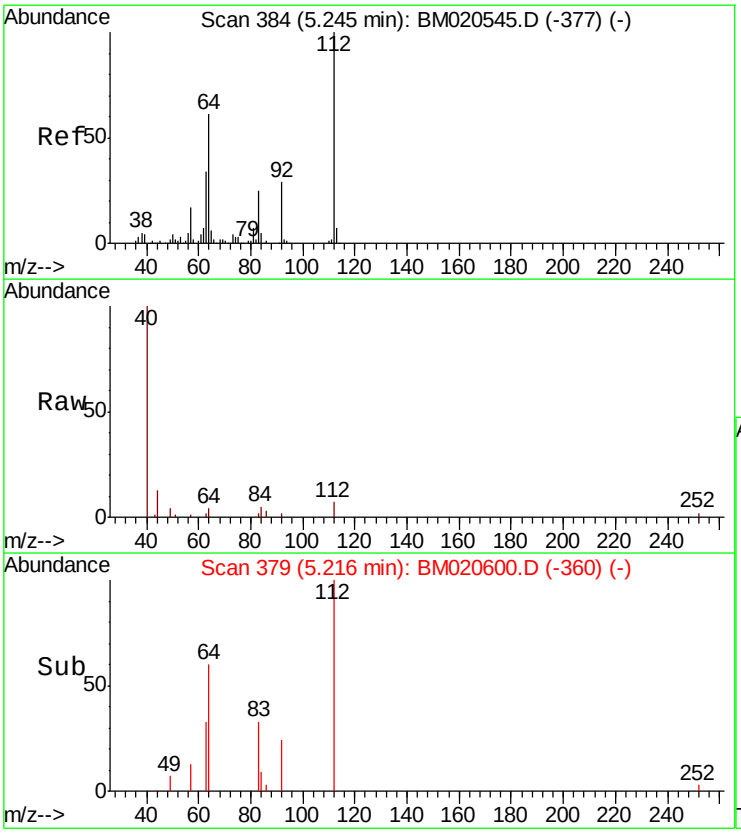
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:152 Resp: 43418

Ion	Ratio	Lower	Upper
152	100		
150	151.7	118.5	177.7
115	61.2	45.3	67.9

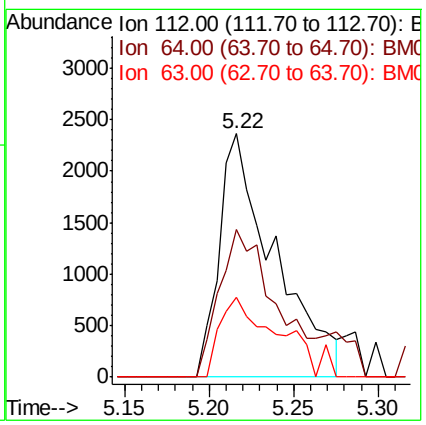


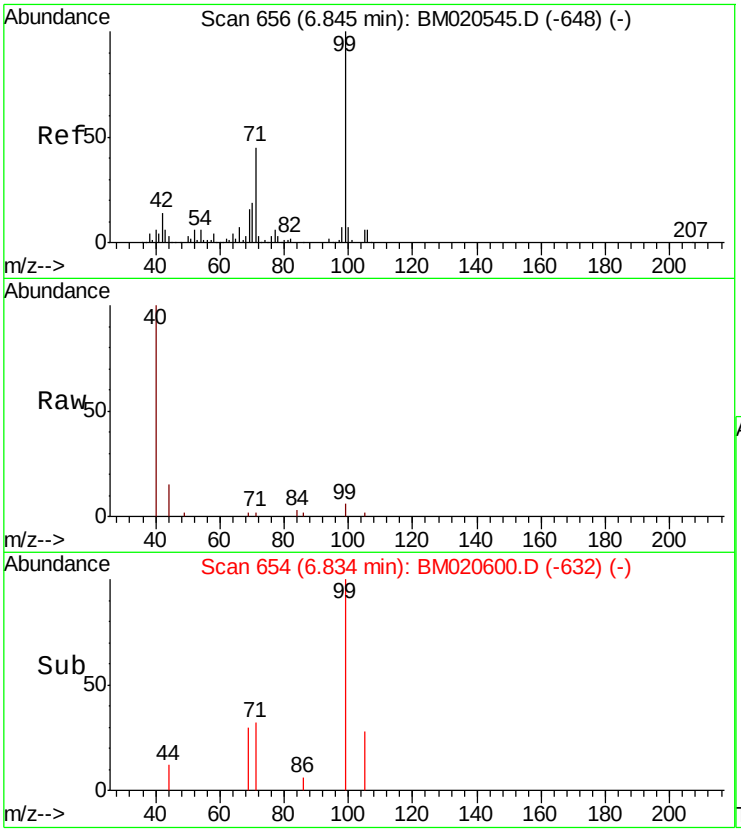


#5
2-Fluorophenol
Concen: 2.421 ng
RT: 5.22 min Scan# 379
Delta R.T. 0.01 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:112 Resp: 5359

Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.2	73.8
63	32.5	28.0	42.0



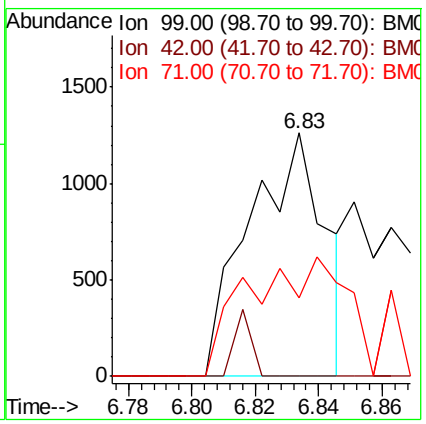


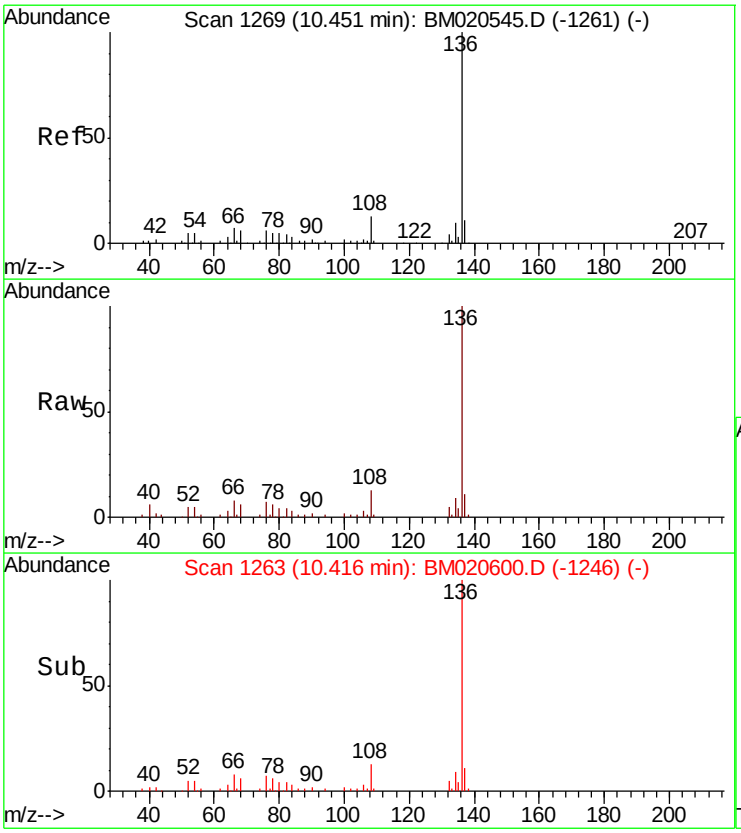
#7
Phenol-d6
Concen: 0.627 ng
RT: 6.83 min Scan# 654
Delta R.T. 0.03 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion: 99 Resp: 2095

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.4	17.2#
71	32.2	38.3	57.5#

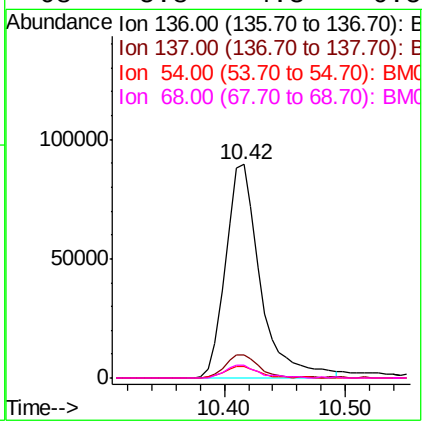


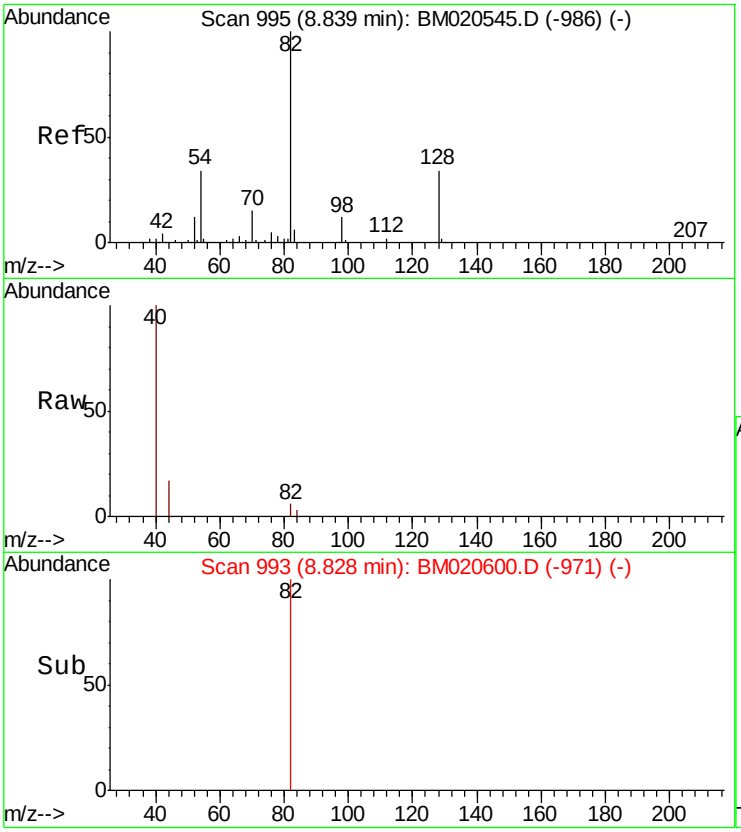


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:136 Resp: 179235

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.5	3.8	5.6
68	5.8	4.3	6.5



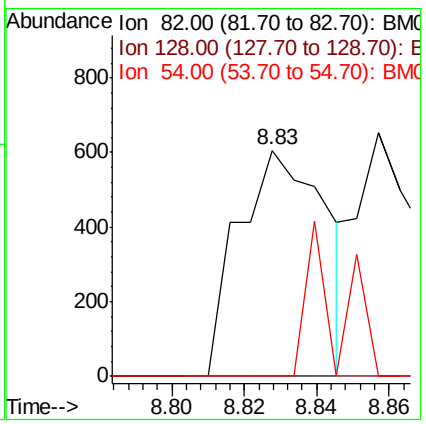


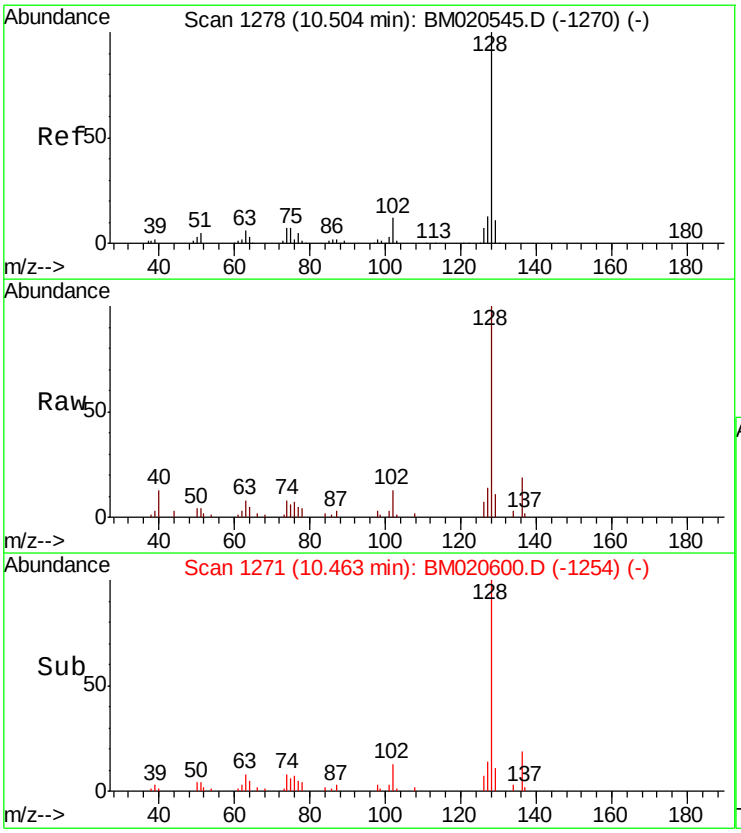
#23
Nitrobenzene-d5
Concen: 0.238 ng
RT: 8.83 min Scan# 993
Delta R.T. 0.03 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion: 82 Resp: 1016

Ion	Ratio	Lower	Upper
82	100		
128	0.0	25.4	38.2#
54	0.0	28.0	42.0#

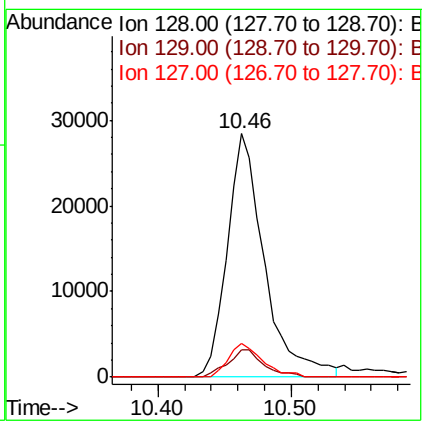


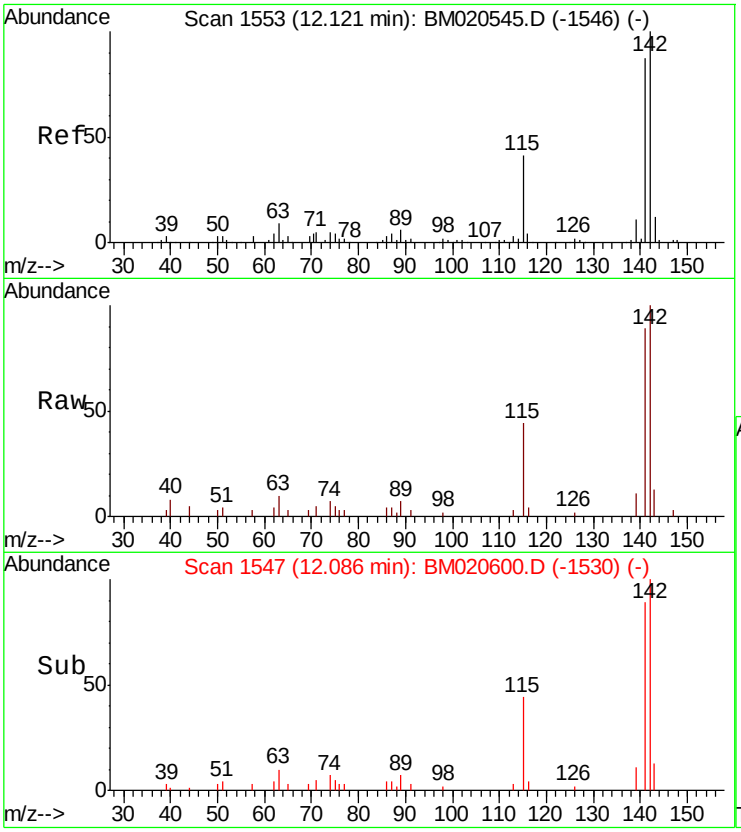


#31
Naphthalene
Concen: 5.963 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:128 Resp: 55181

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.7	10.3	15.5



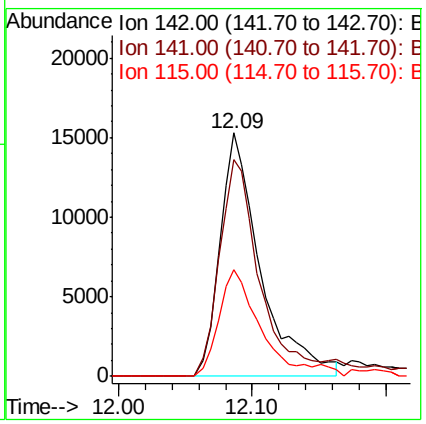


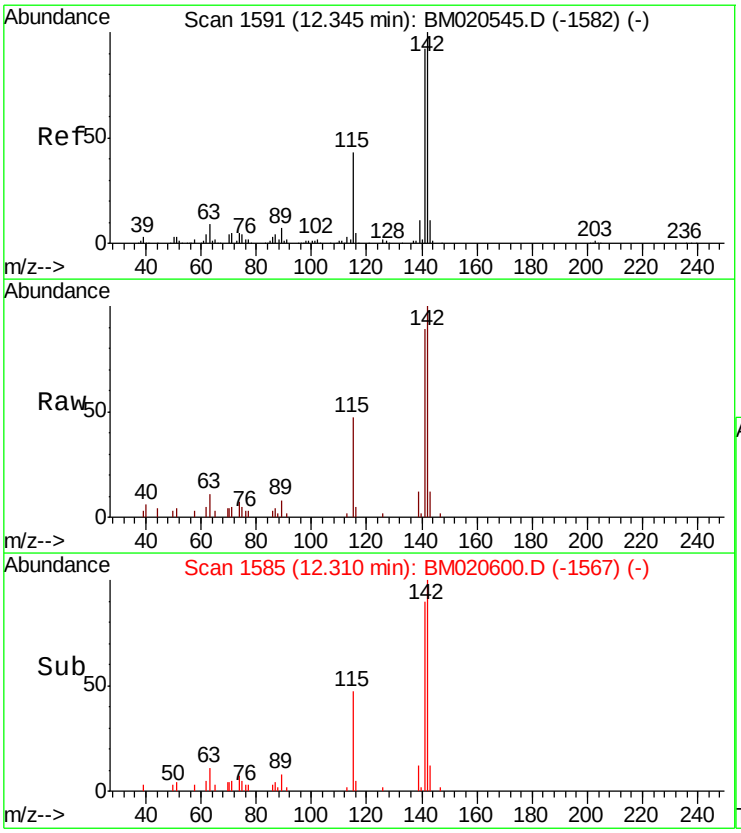
#37
2-Methylnaphthalene
Concen: 4.588 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:142 Resp: 32441

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	43.7	34.9	52.3

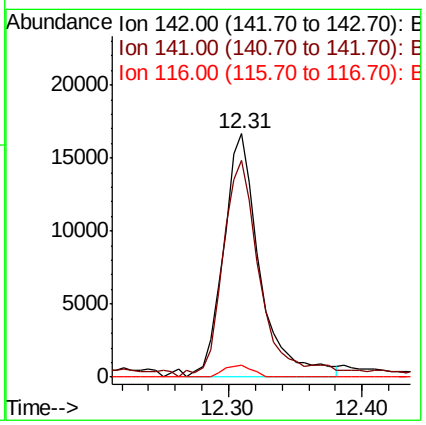


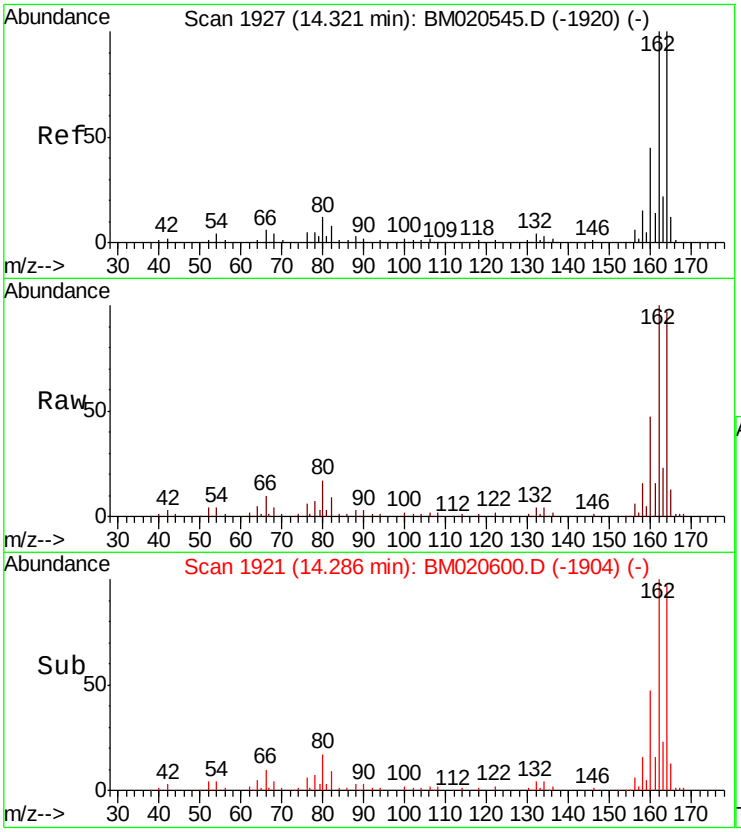


#38
1-Methylnaphthalene
Concen: 4.625 ng
RT: 12.31 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:142 Resp: 31683

Ion	Ratio	Lower	Upper
142	100		
141	89.1	74.5	111.7
116	5.0	3.8	5.6



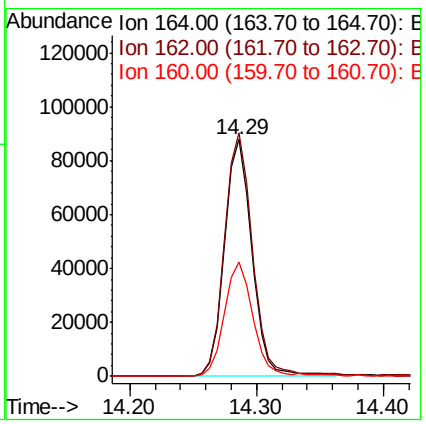


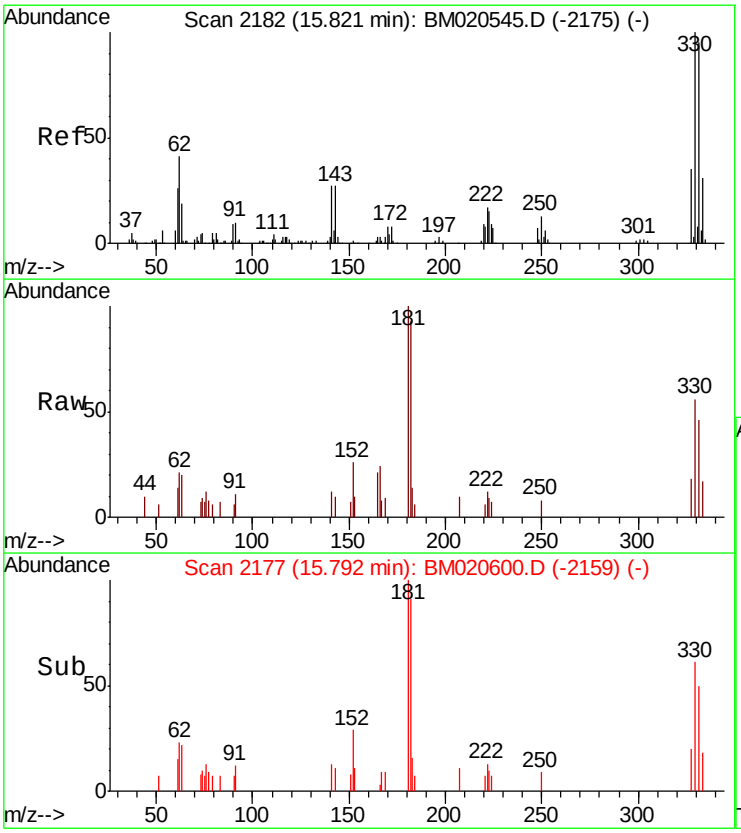
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:164 Resp: 131819

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.0	129.0
160	48.4	37.5	56.3

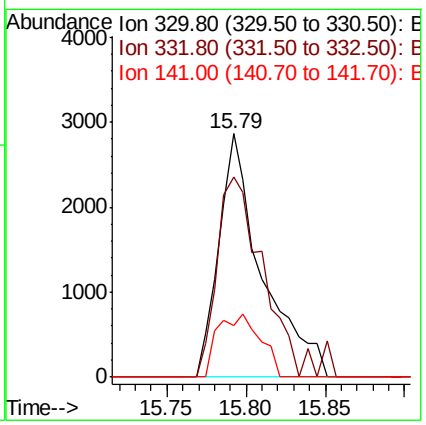


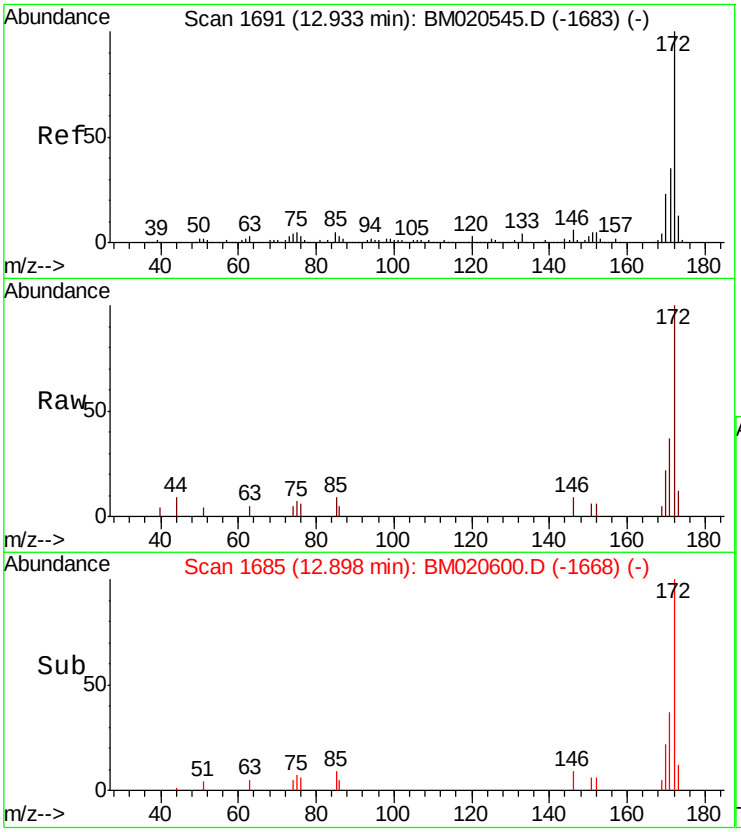


#42
2,4,6-Tribromophenol
Concen: 2.040 ng
RT: 15.79 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:330 Resp: 5388

Ion	Ratio	Lower	Upper
330	100		
332	85.4	78.2	117.2
141	25.6	22.3	33.5



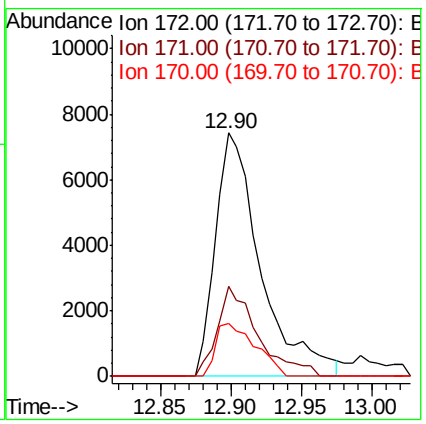


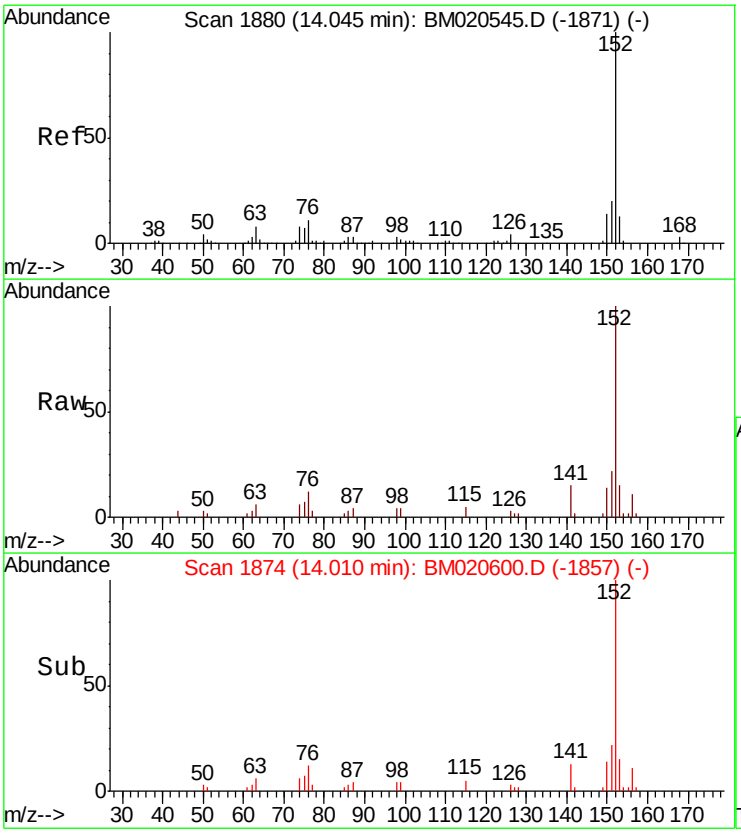
#45
2-Fluorobiphenyl
Concen: 1.580 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:172 Resp: 16596

Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.9	41.9
170	22.0	18.4	27.6

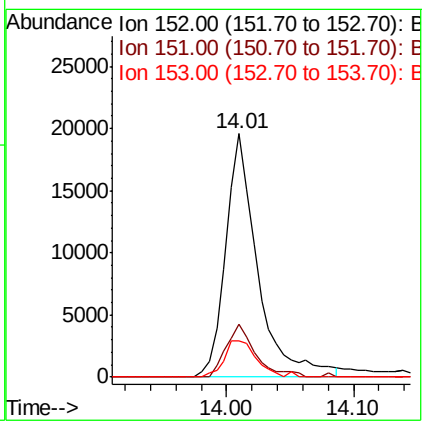


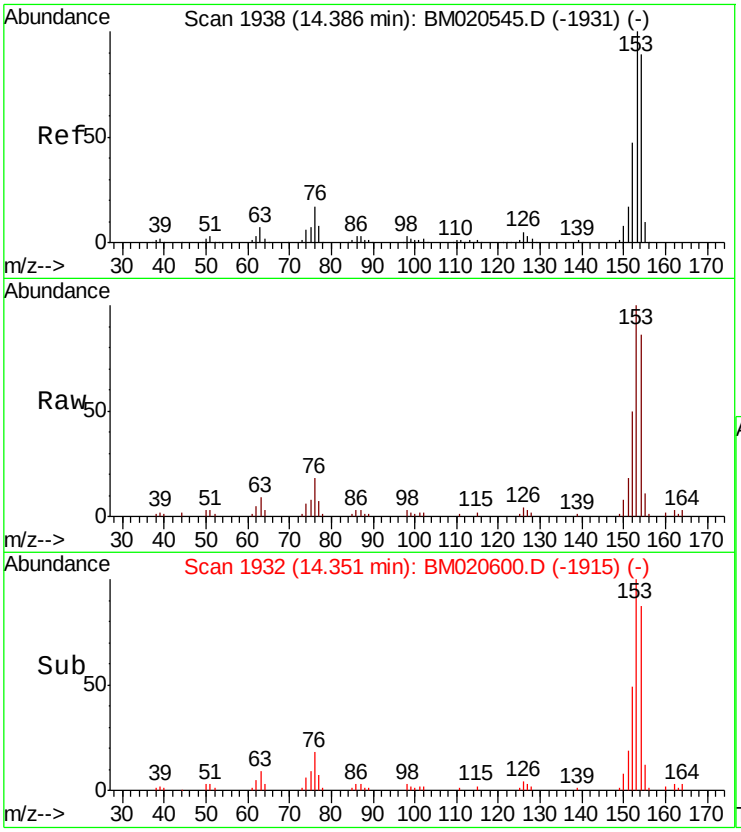


#49
Acenaphthylene
Concen: 2.609 ng
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:152 Resp: 34146

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.5	23.3
153	15.0	10.4	15.6



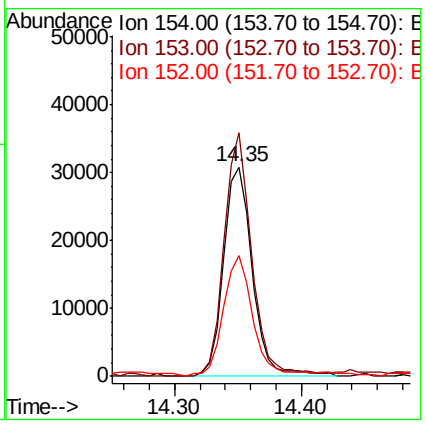


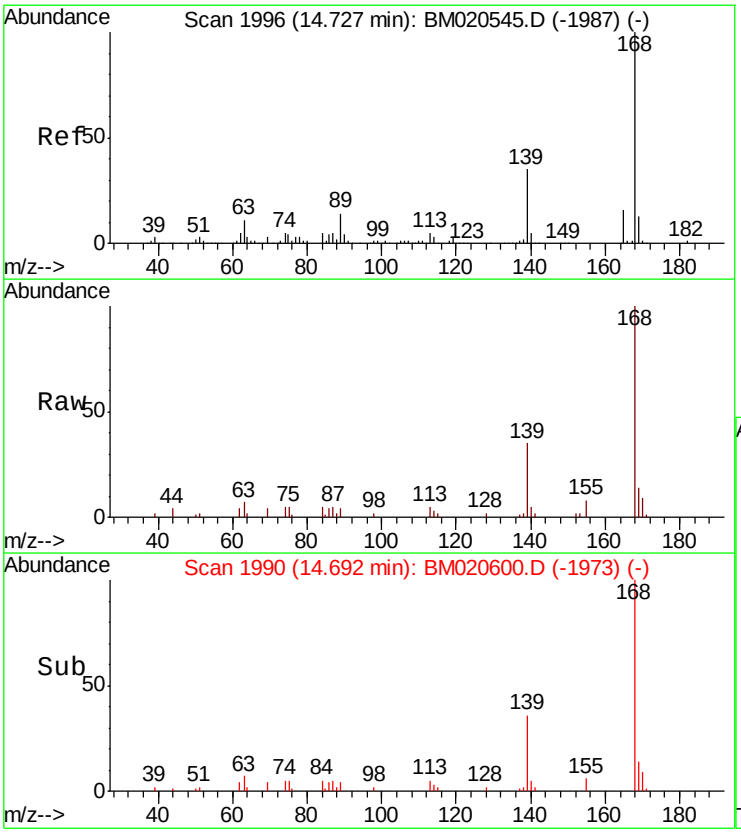
#52
Acenaphthene
Concen: 6.136 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:154 Resp: 48391

Ion	Ratio	Lower	Upper
154	100		
153	116.1	88.2	132.4
152	57.8	42.6	63.8

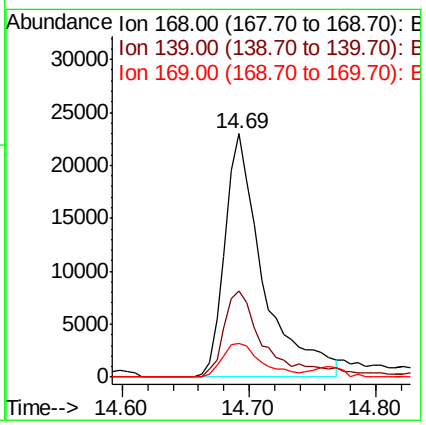


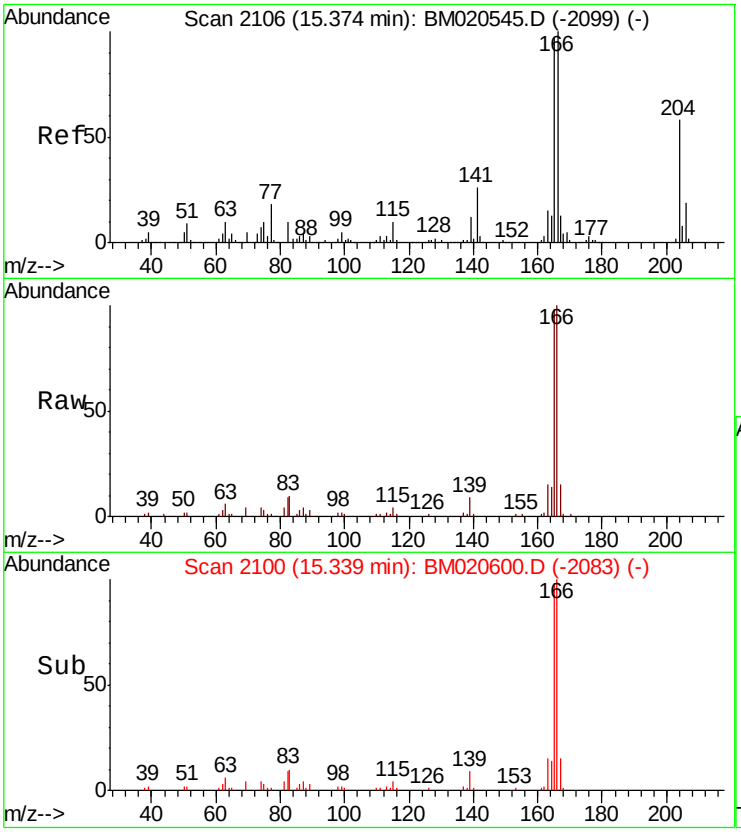


#55
Dibenzofuran
Concen: 3.527 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:168 Resp: 48132

Ion	Ratio	Lower	Upper
168	100		
139	35.4	29.0	43.6
169	13.8	10.6	16.0



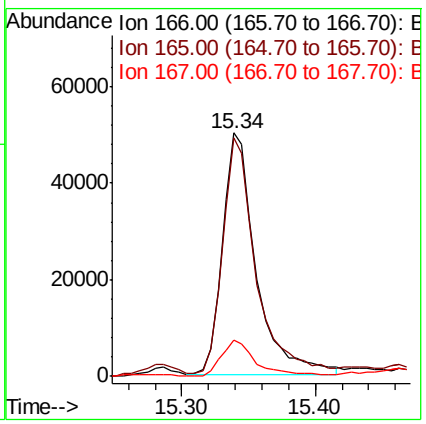


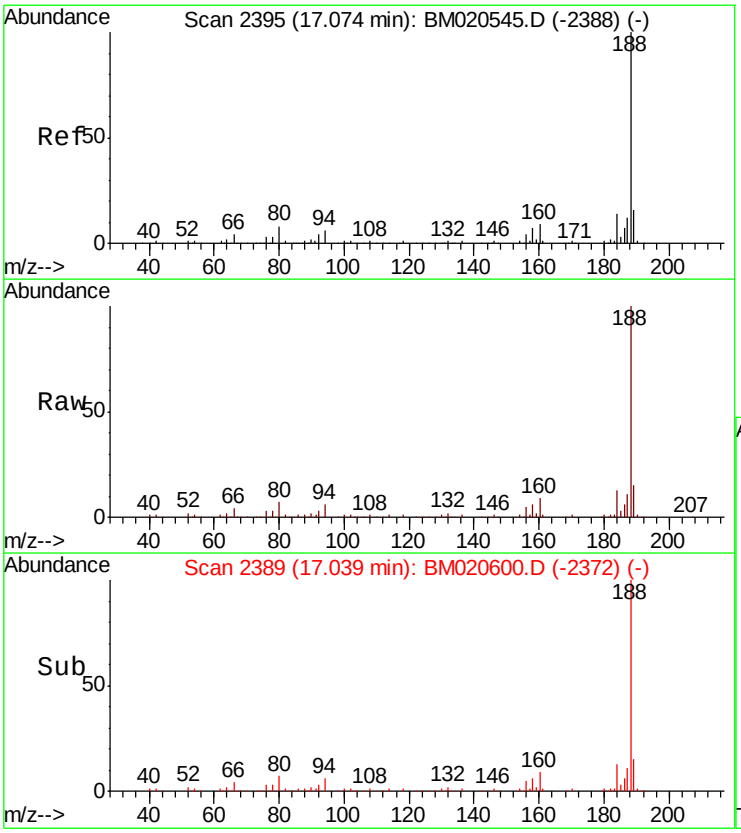
#58
Fluorene
Concen: 7.783 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:166 Resp: 88234

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.6	116.4
167	15.0	11.4	17.0

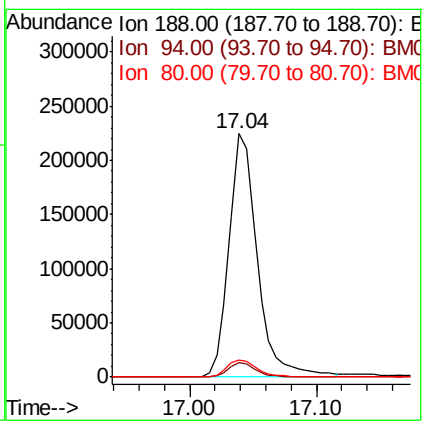


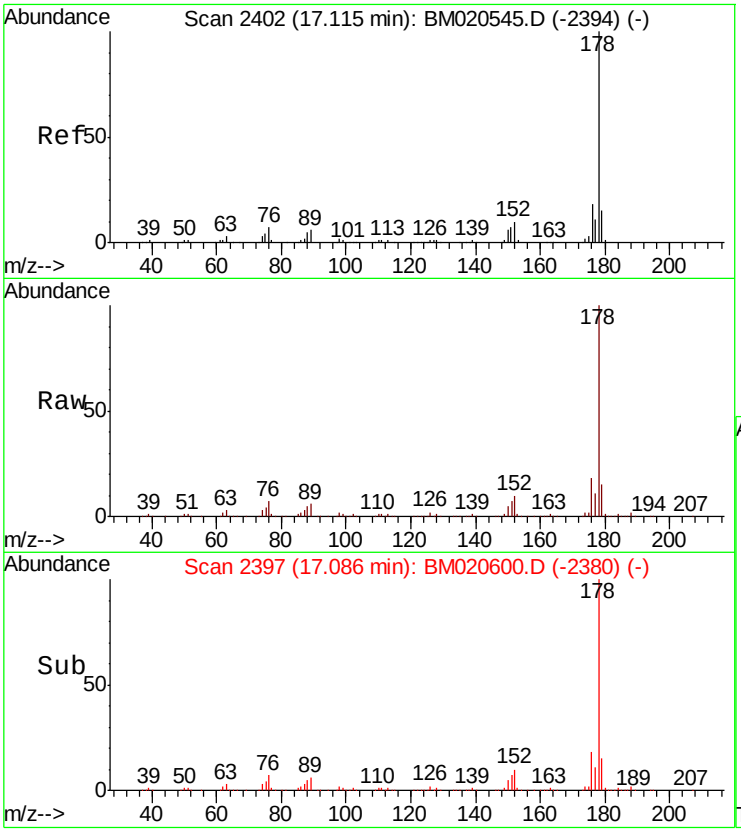


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:188 Resp: 347326

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.6	7.0
80	7.2	6.2	9.4



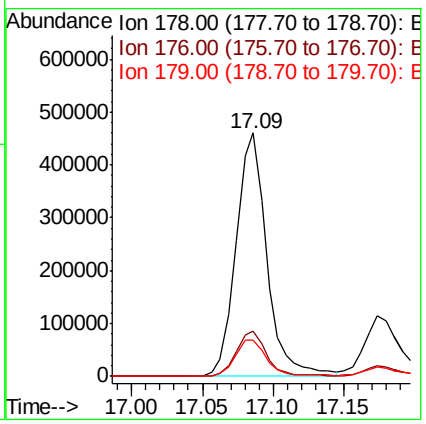


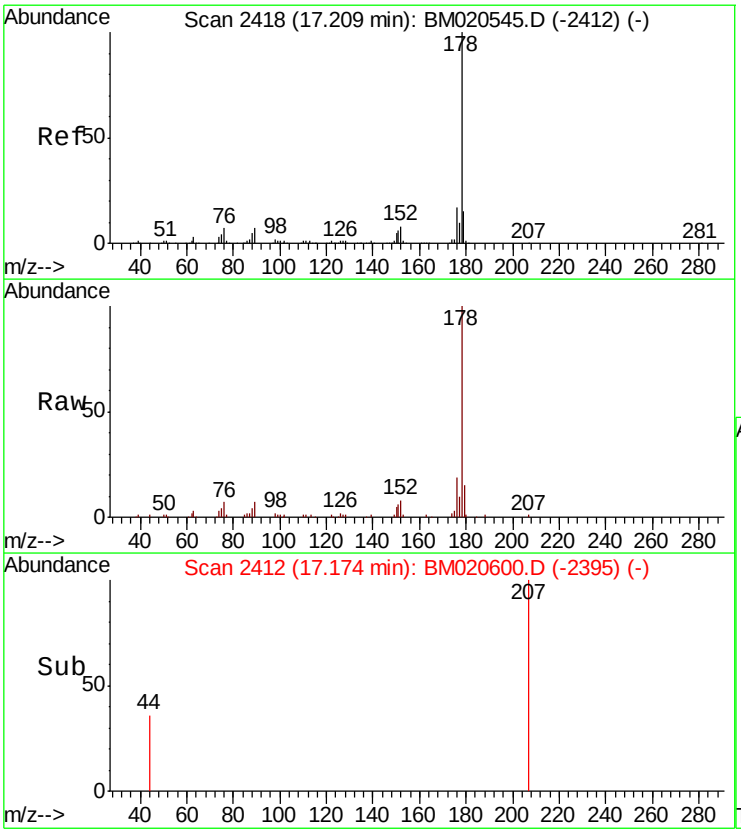
#71
Phenanthrene
Concen: 37.209 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:178 Resp: 702075

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	14.9	12.1	18.1

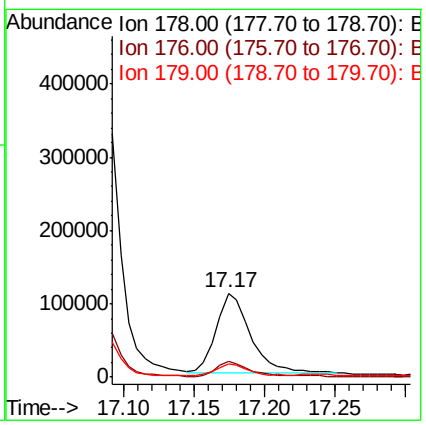


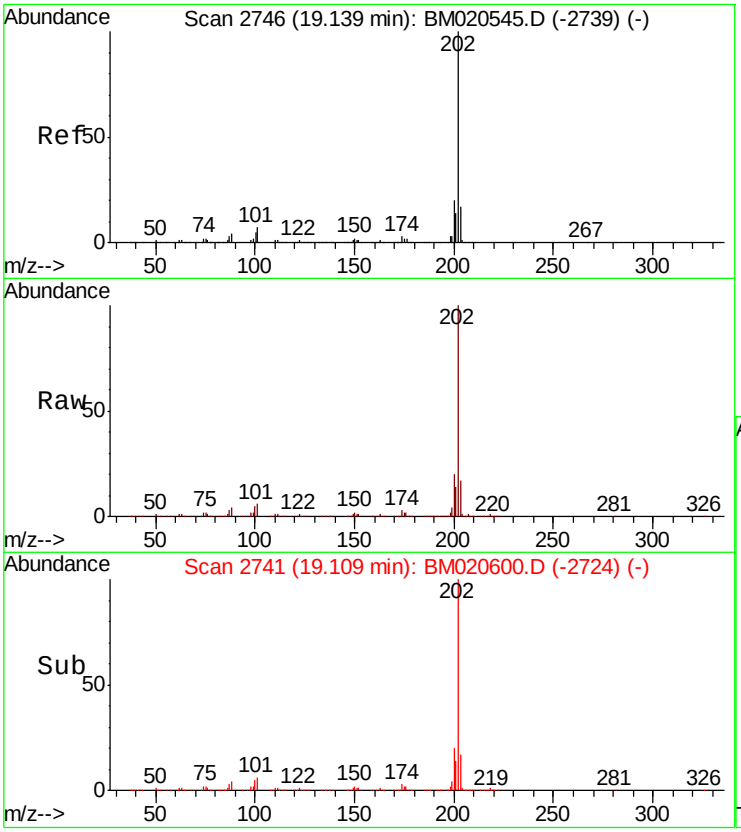


#72
Anthracene
Concen: 10.056 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:178 Resp: 184001

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.2	12.2	18.4



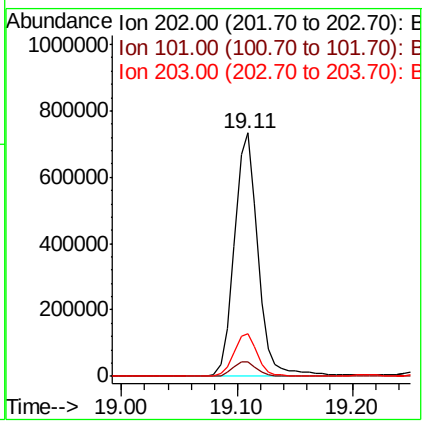


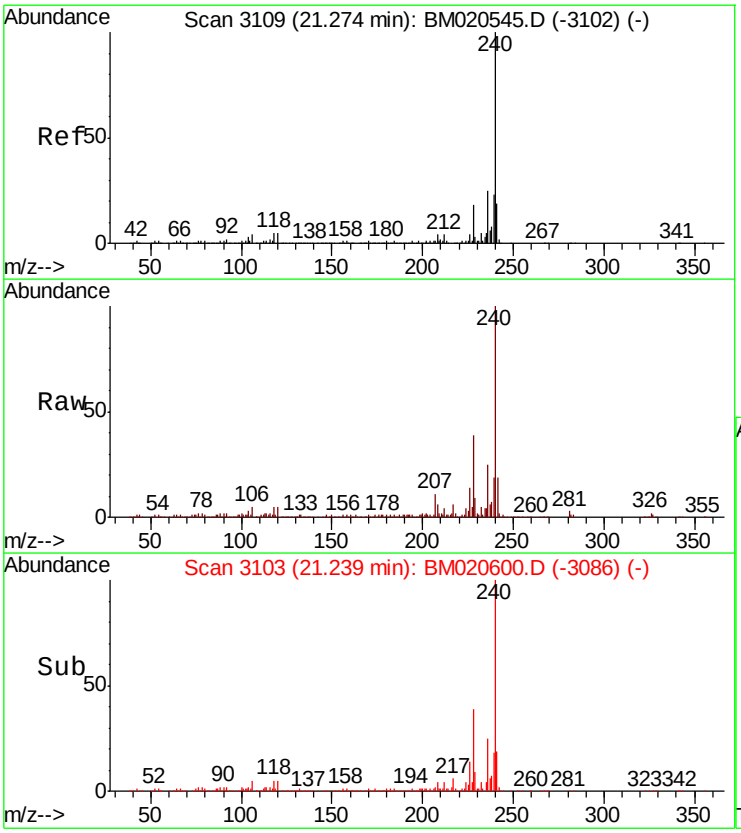
#75
Fluoranthene
Concen: 39.626 ng
RT: 19.11 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:202 Resp: 1039732

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	26.0
203	17.4	0.0	37.3

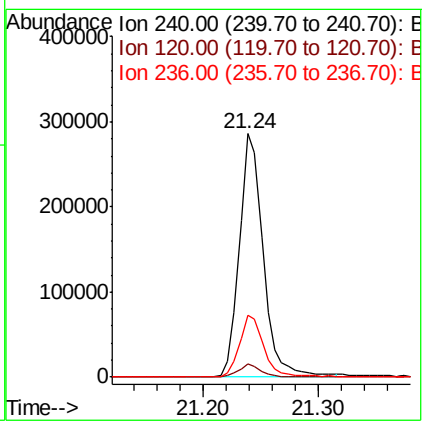


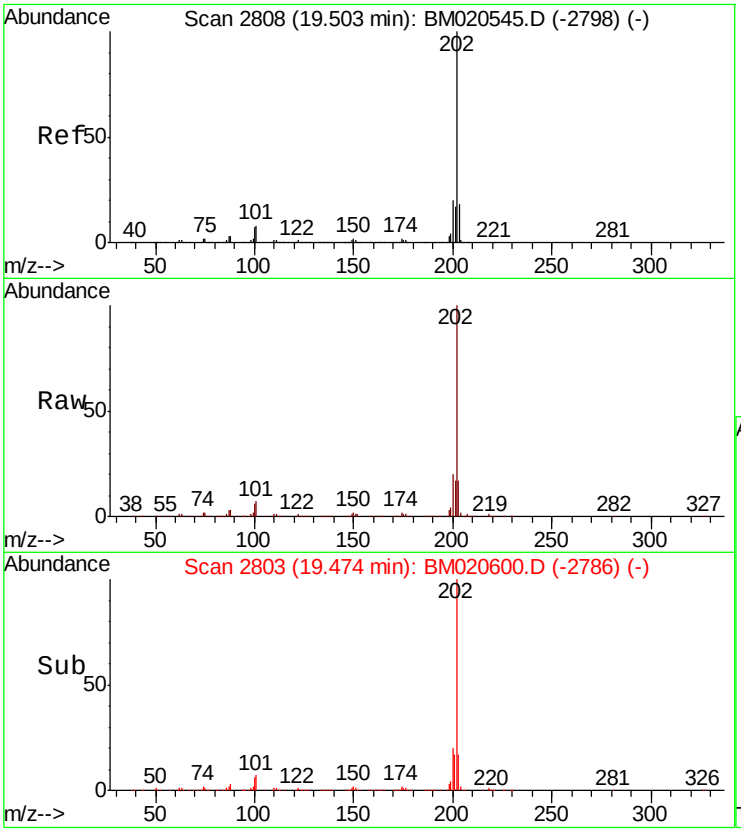


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:240 Resp: 411926

Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.7	5.5
236	25.5	20.2	30.2



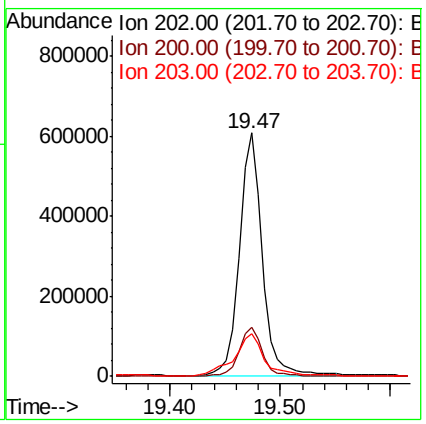


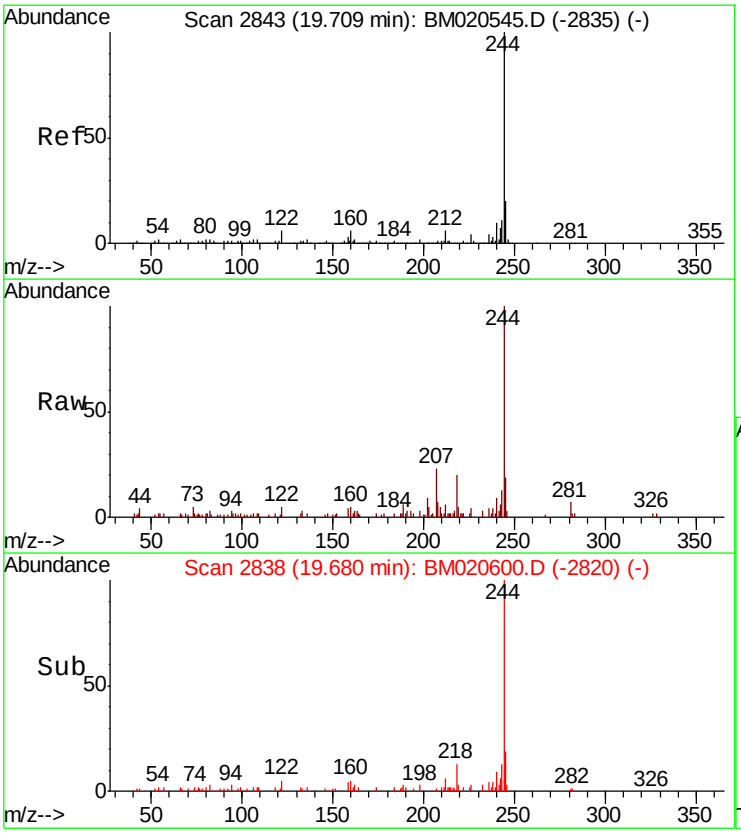
#78
Pyrene
Concen: 34.313 ng
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:202 Resp: 887372

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.3	14.1	21.1

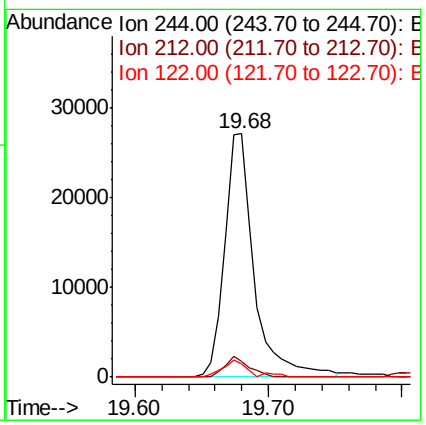


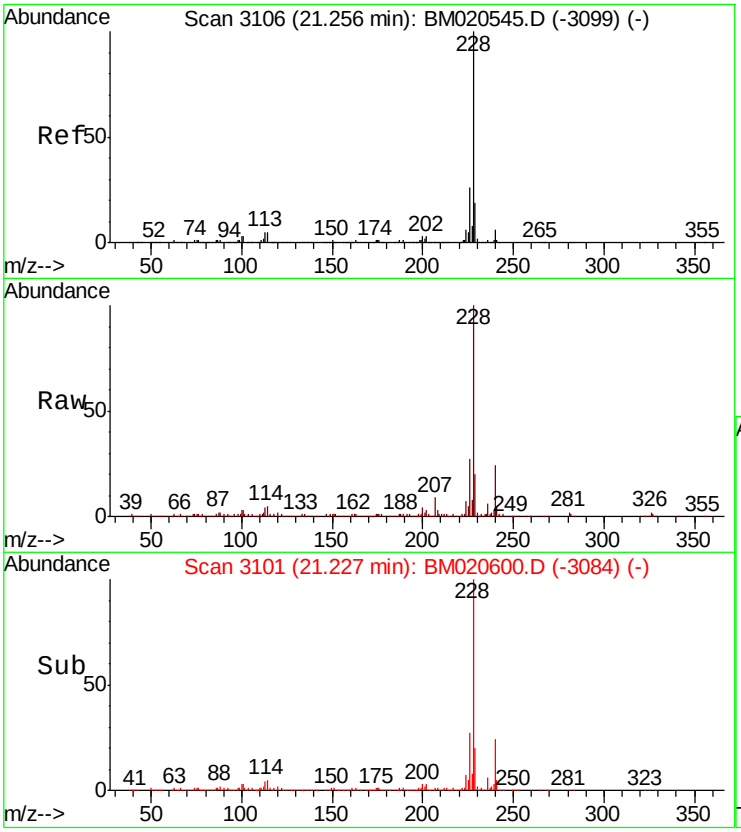


#79
Terphenyl-d14
Concen: 1.848 ng
RT: 19.68 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:244 Resp: 42098

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.1	7.7
122	5.2	4.6	7.0



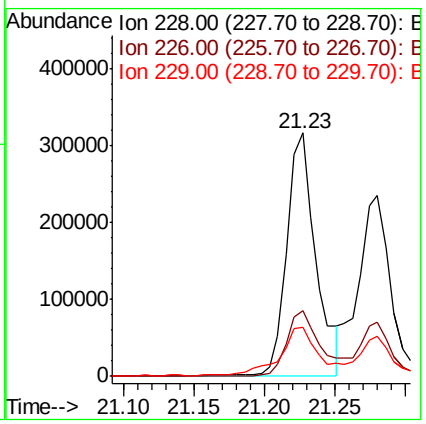


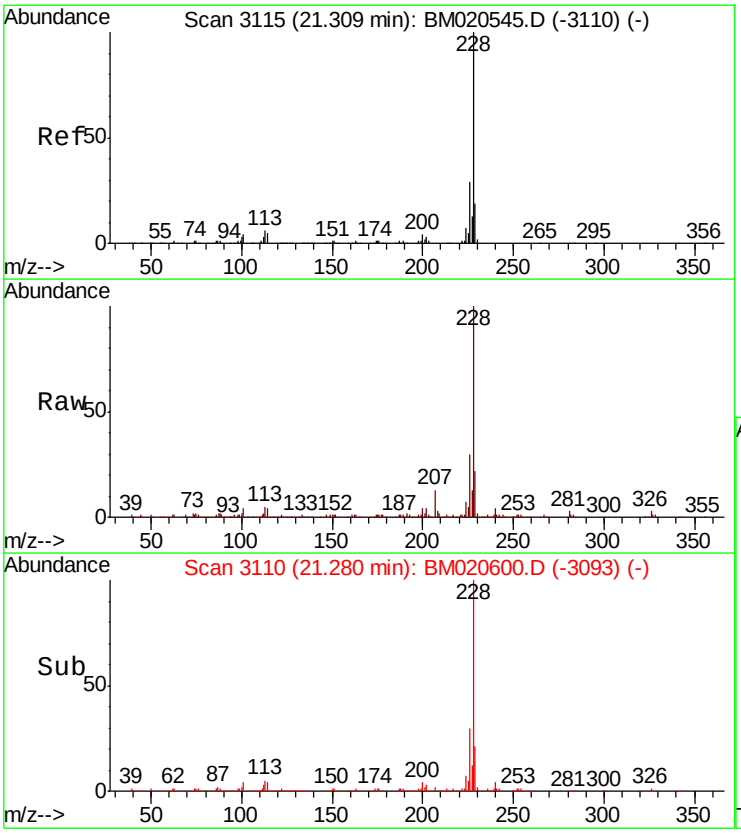
#81
Benzo(a)anthracene
Concen: 15.936 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:228 Resp: 454335

Ion	Ratio	Lower	Upper
228	100		
226	27.0	20.9	31.3
229	20.0	15.5	23.3

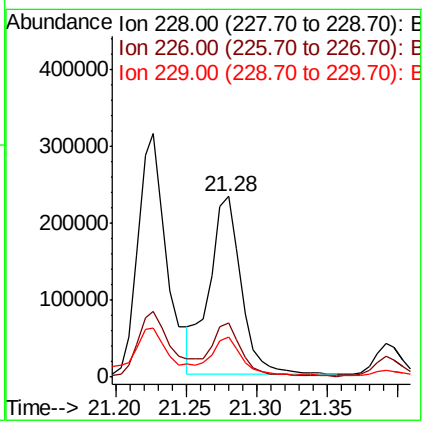


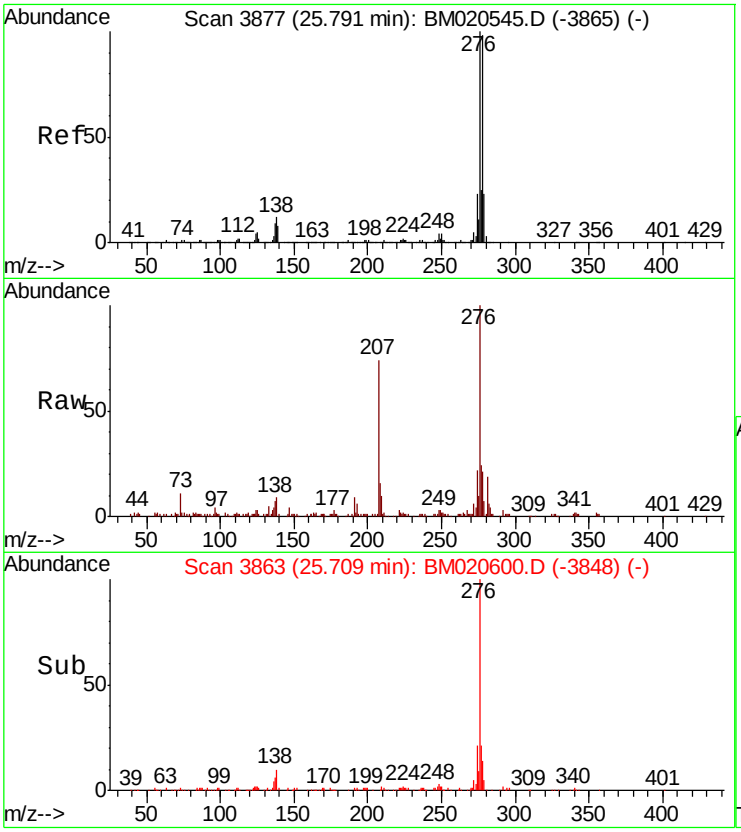


#83
Chrysene
Concen: 13.329 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:228 Resp: 367192

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.7	34.1
229	22.0	15.4	23.2



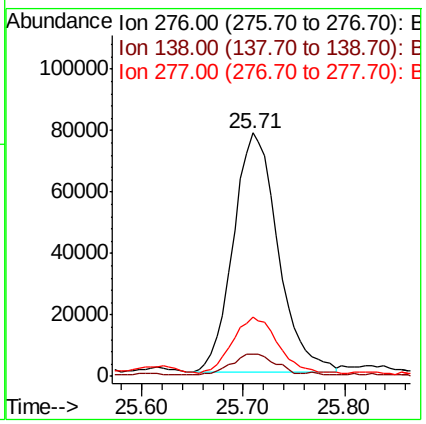


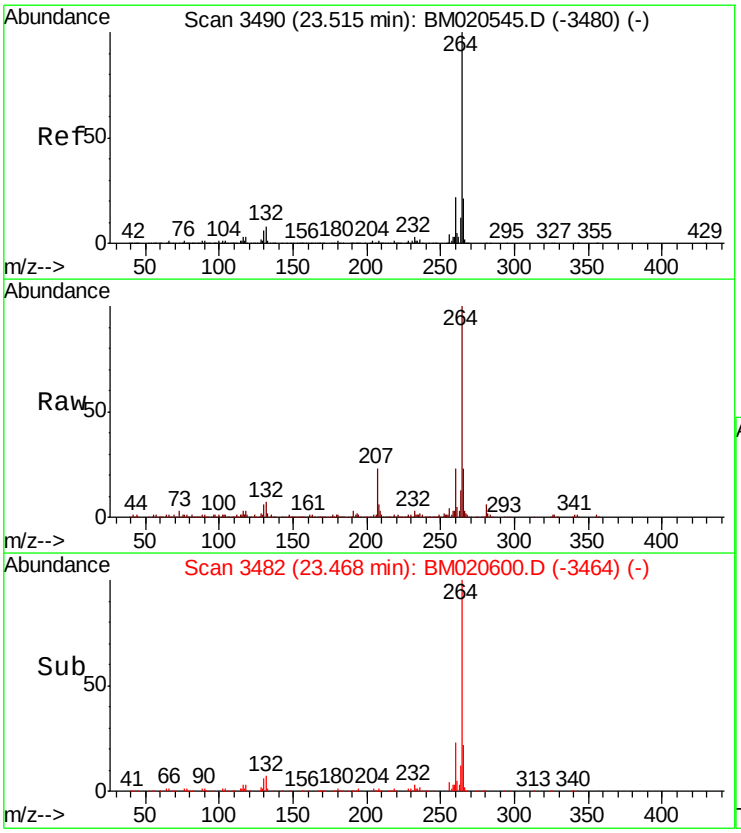
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.166 ng
RT: 25.71 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:276 Resp: 238692

Ion	Ratio	Lower	Upper
276	100		
138	8.9	8.8	13.2
277	23.6	20.4	30.6

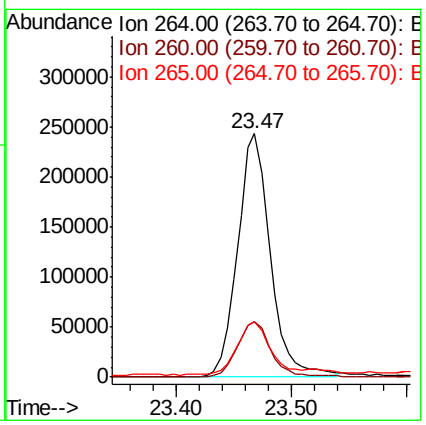


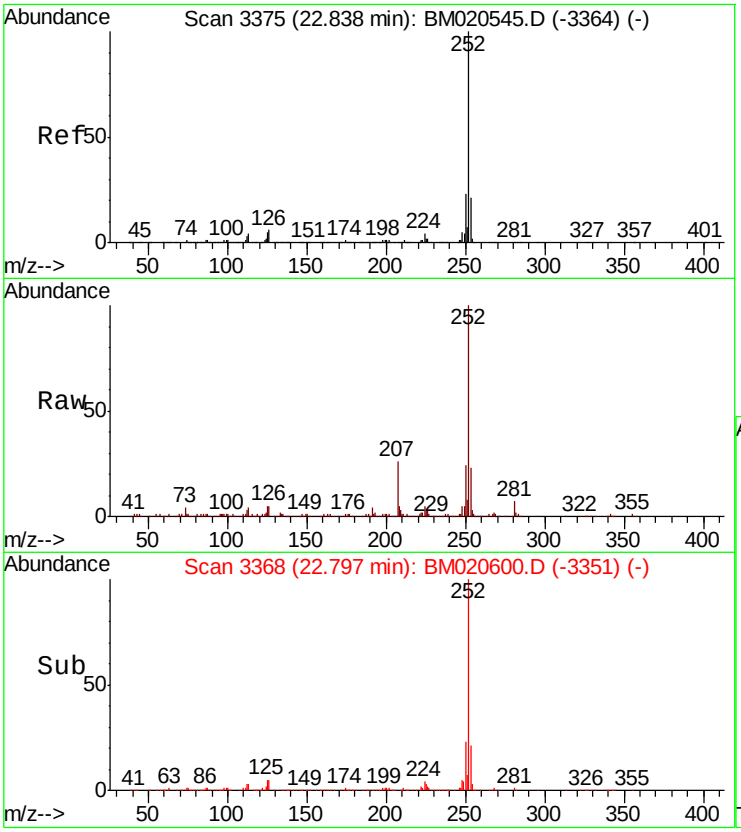


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. 0.01 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:264 Resp: 481244

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	22.7	18.2	27.4



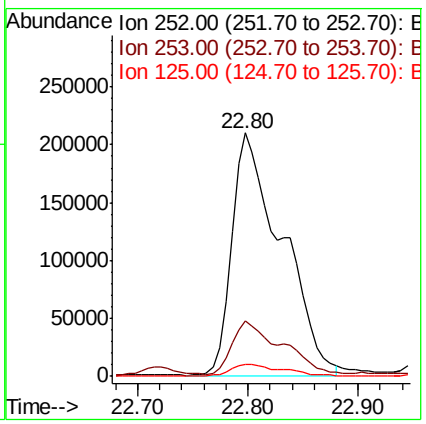


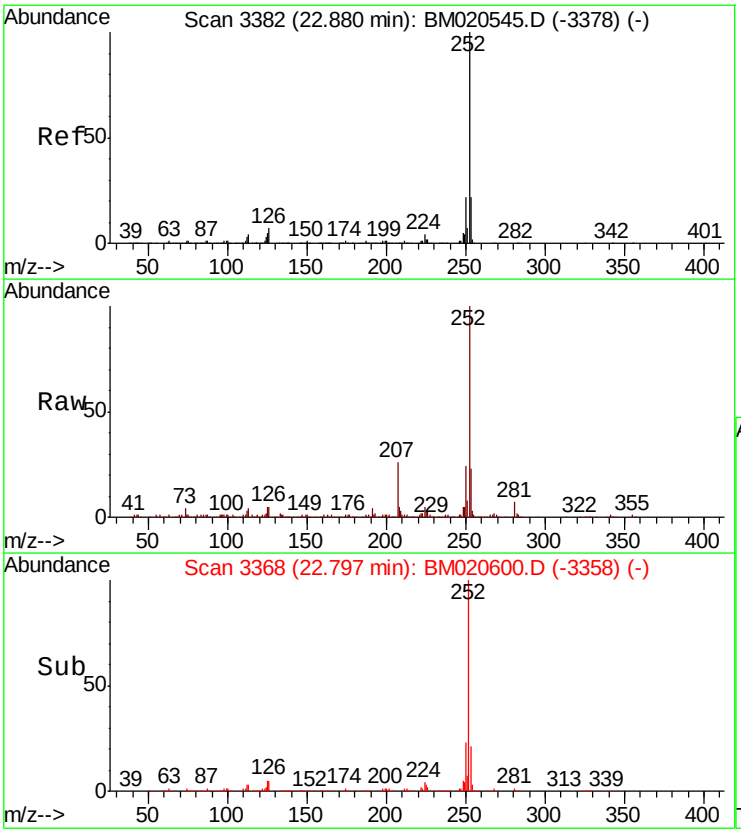
#88
Benzo(b)fluoranthene
Concen: 20.917 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:252 Resp: 658856

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	5.1	3.4	5.2

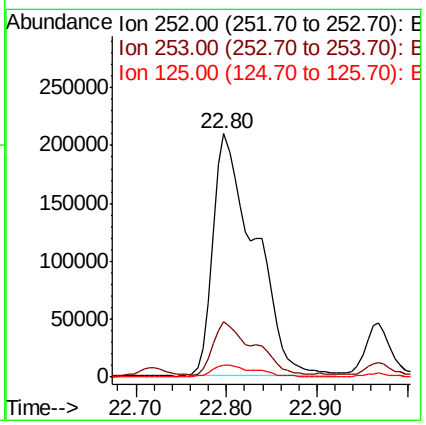


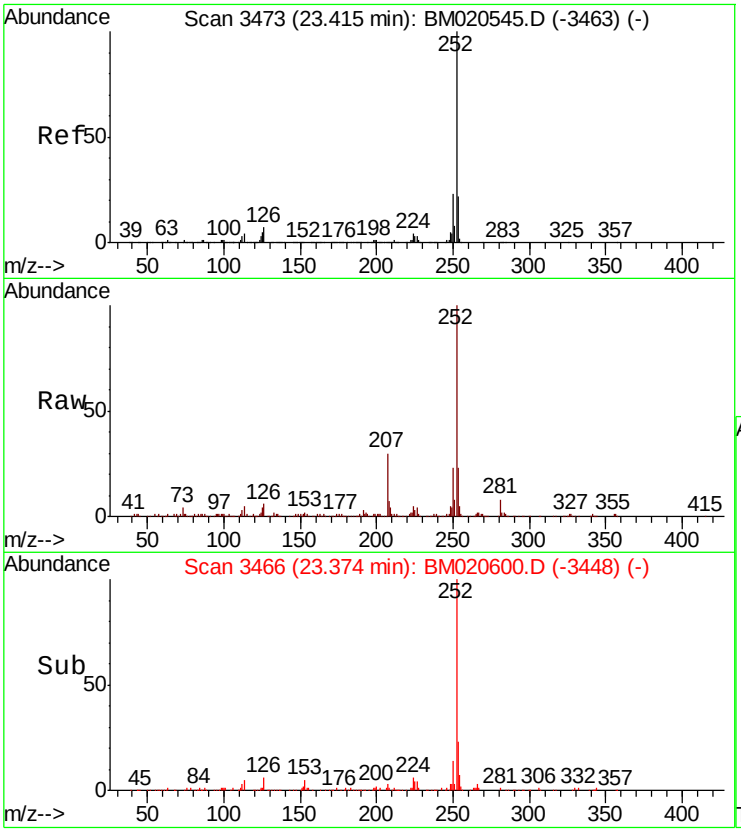


#89
Benzo(k)fluoranthene
Concen: 21.765 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:252 Resp: 665350

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	5.1	3.7	5.5



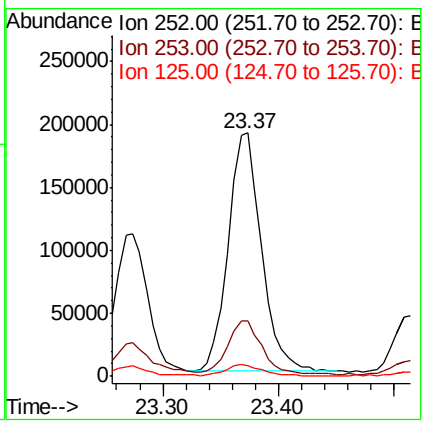


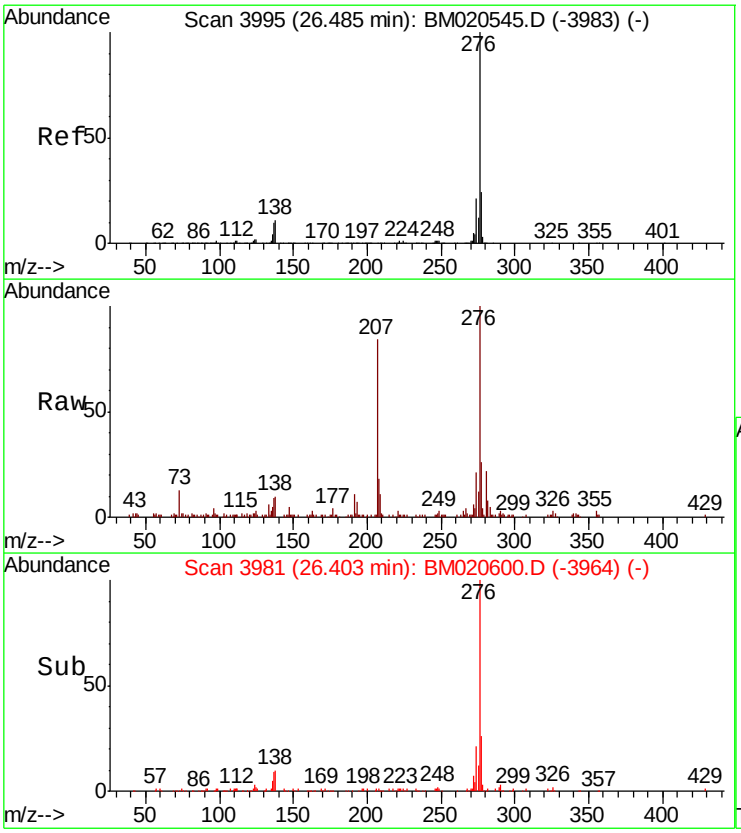
#90
Benzo(a)pyrene
Concen: 13.043 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Instrument :
BNA_M
ClientSampleId :
CHRT-26835DL

Tgt Ion:252 Resp: 378049

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	4.3	3.8	5.8





#92
Benzo(g,h,i)perylene
Concen: 8.276 ng
RT: 26.40 min Scan# 3981
Delta R.T. -0.00 min
Lab File: BM020600.D
Acq: 29 May 2019 15:32

Tgt Ion:276 Resp: 227610

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.1	28.7
138	10.0	7.6	11.4