Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034320.D
Acq On : 22 Mar 2022 21:15
Operator : CG/JU
Sample : N1962-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Quant Time: Mar 23 05:07:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	164557	20.000	ng		-0.01
21) Naphthalene-d8	10.754	136	649409	20.000	ng		-0.01
39) Acenaphthene-d10	14.577	164	386430	20.000	ng		-0.01
64) Phenanthrene-d10	17.318	188	761323	20.000	ng		-0.01
76) Chrysene-d12	21.494	240	766092	20.000	ng		0.00
86) Perylene-d12	23.906	264	851280	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	1093157	119.174	ng		0.00
7) Phenol-d6	7.095	99	1399525	106.563	ng		-0.01
23) Nitrobenzene-d5	9.101	82	878658	65.874	ng		-0.01
42) 2,4,6-Tribromophenol	16.059	330	523148	100.440	ng		-0.01
45) 2-Fluorobiphenyl	13.207	172	1701509	60.169	ng		-0.01
79) Terphenyl-d14	19.936	244	2246206	50.947	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	3.754	79	22612	2.013	ng	#	45
31) Naphthalene	10.801	128	1703174	50.341	ng		100
33) 4-Chloroaniline	10.801	127	222508	16.672	ng	#	32
37) 2-Methylnaphthalene	12.413	142	220649	9.140	ng		98
38) 1-Methylnaphthalene	12.630	142	178109	7.542	ng		99
49) Acenaphthylene	14.301	152	72183	2.048	ng	#	94
52) Acenaphthene	14.642	154	196221	8.264	ng		100
55) Dibenzofuran	14.977	168	258879	7.316	ng		97
58) Fluorene	15.624	166	339825	11.830	ng		99
71) Phenanthrene	17.365	178	3883313	91.081	ng		99
72) Anthracene	17.453	178	666149	16.052	ng		100
73) Carbazole	17.718	167	358564	9.265	ng		100
75) Fluoranthene	19.377	202	4386912	91.784	ng		98
78) Pyrene	19.736	202	3798253	70.370	ng		99
81) Benzo(a)anthracene	21.477	228	1667464	34.485	ng		99
83) Chrysene	21.530	228	1572781	31.852	ng		98
87) Indeno(1,2,3-cd)pyrene	26.418	276	989168	18.063	ng		98
88) Benzo(b)fluoranthene	23.171	252	2044977	40.173	ng		99
89) Benzo(k)fluoranthene	23.171	252	2044977	37.923	ng		99
90) Benzo(a)pyrene	23.800	252	1496871	34.687	ng		98
91) Dibenzo(a,h)anthracene	26.424	278	215466	4.853	ng	#	83
92) Benzo(g,h,i)perylene	27.188	276	1010534	21.987	ng		98

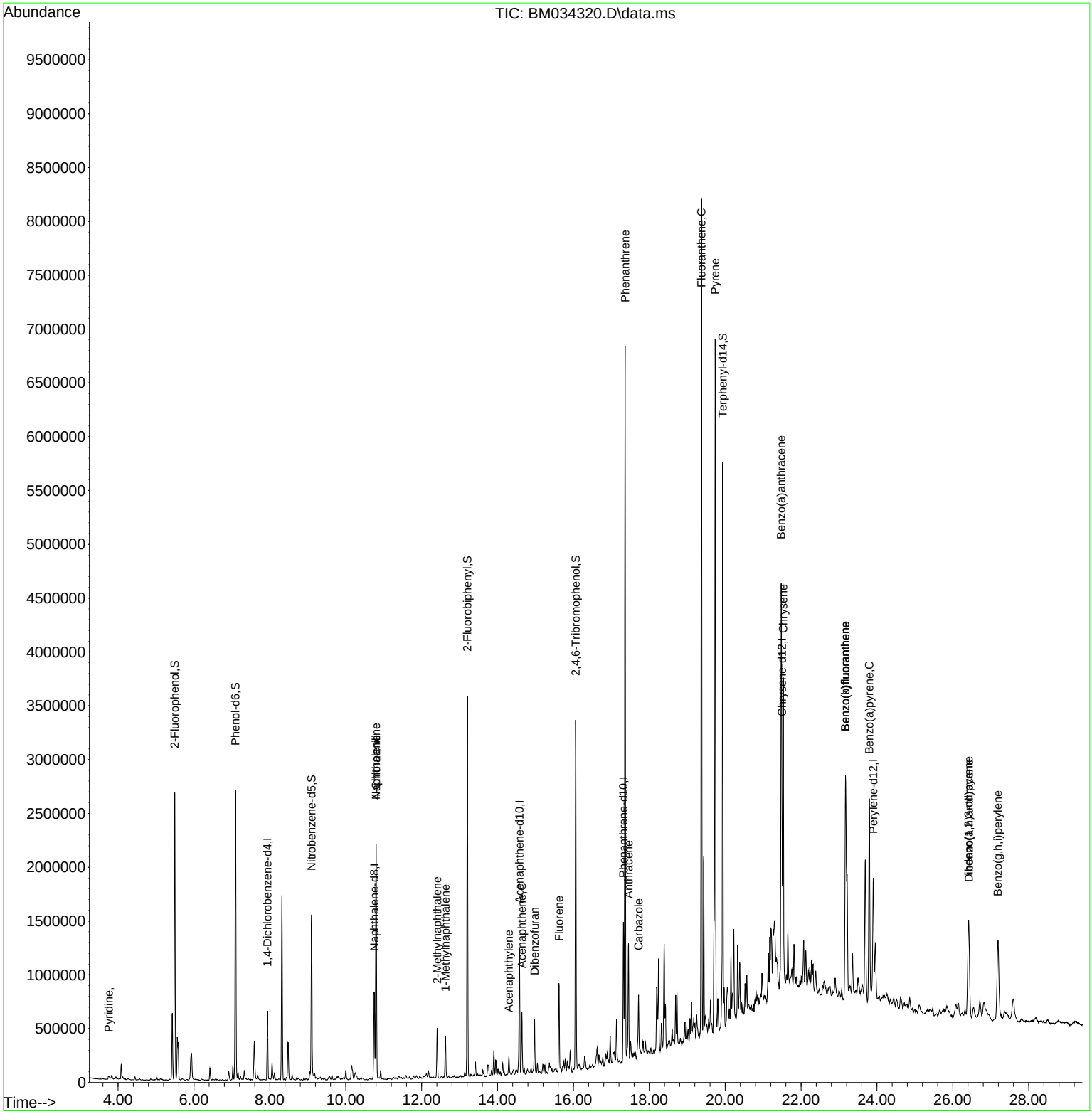
(#) = qualifier out of range (m) = manual integration (+) = signals summed

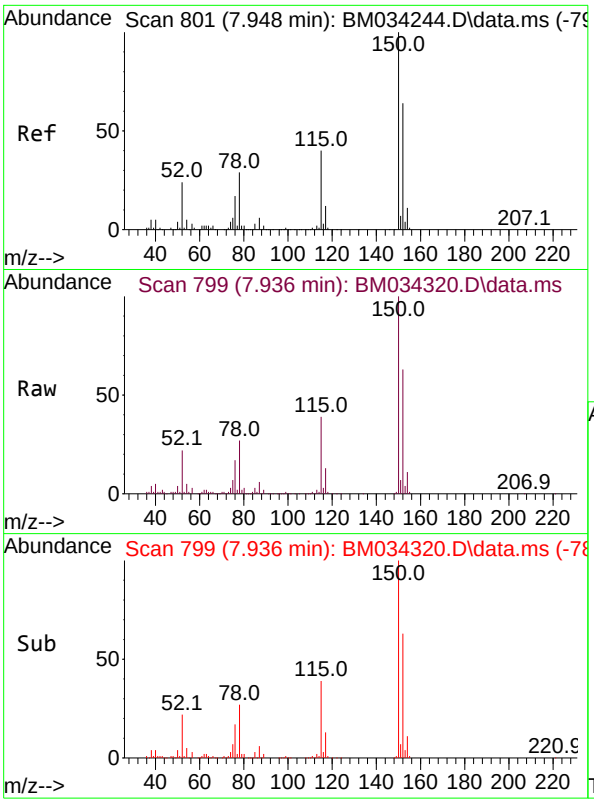
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034320.D
Acq On : 22 Mar 2022 21:15
Operator : CG/JU
Sample : N1962-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Quant Time: Mar 23 05:07:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration



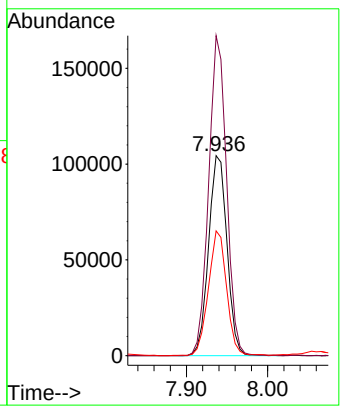


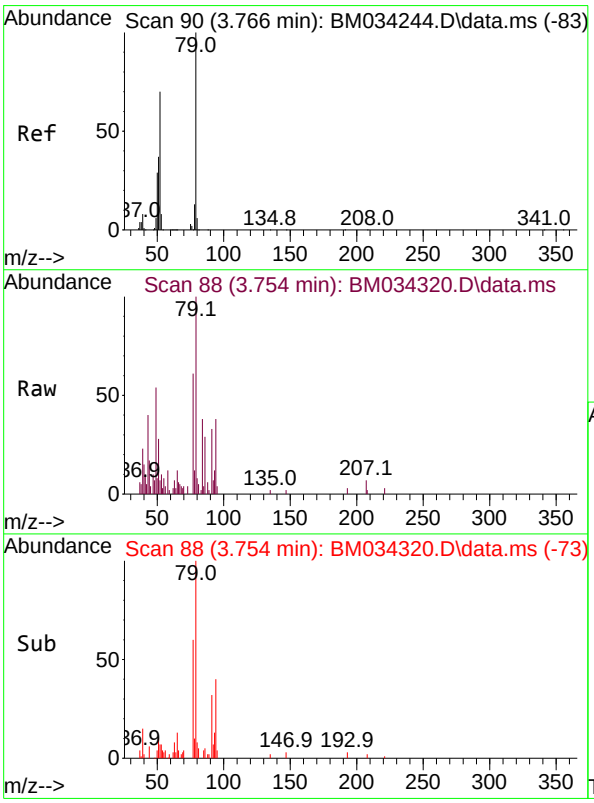
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 7
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:152 Resp: 164557

Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.4	188.2
115	62.4	50.1	75.1

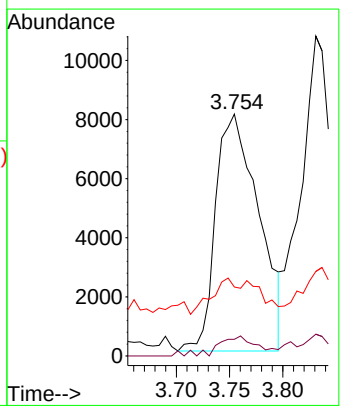


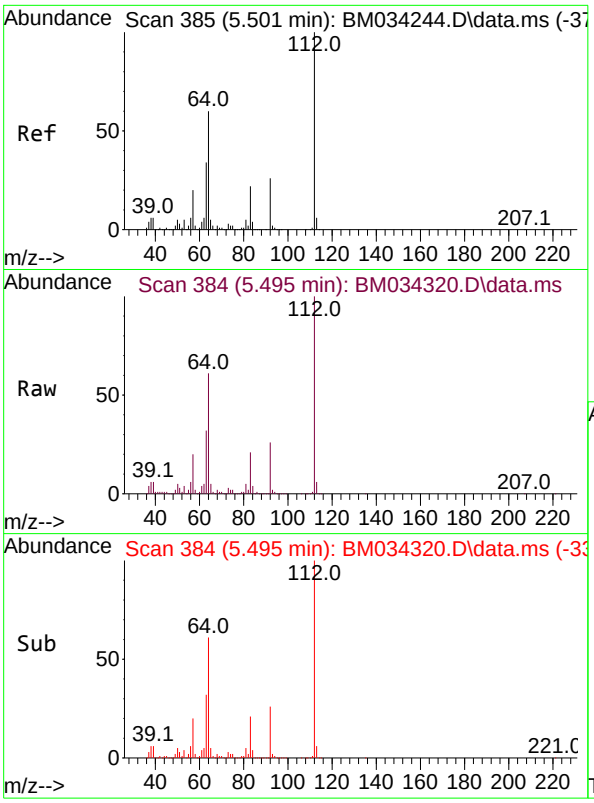


#3
Pyridine
Concen: 2.013 ng
RT: 3.754 min Scan# 88
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion: 79 Resp: 22612

Ion	Ratio	Lower	Upper
79	100		
52	6.9	56.1	84.1#
51	28.5	30.4	45.6#



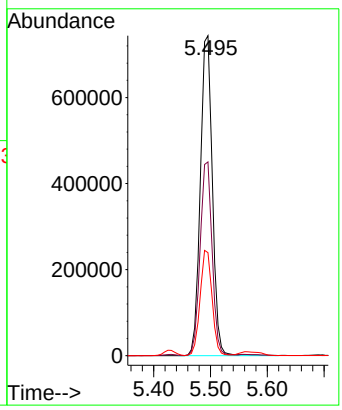


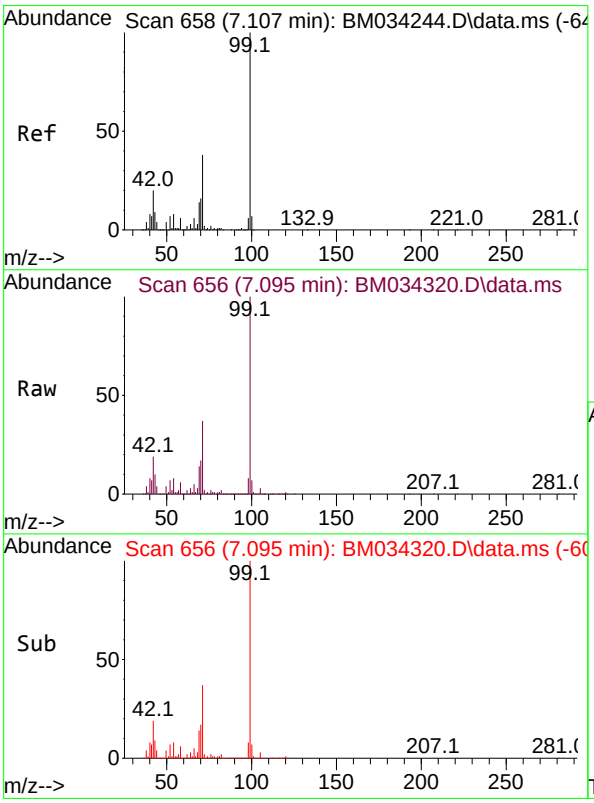
#5
2-Fluorophenol
Concen: 119.174 ng
RT: 5.495 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:112 Resp: 1093157

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	32.2	27.1	40.7

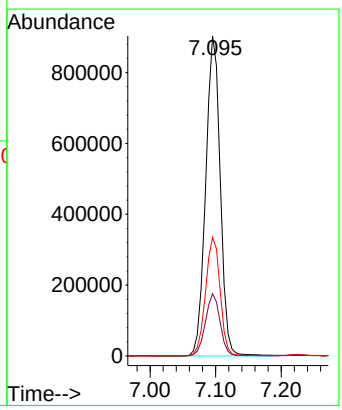


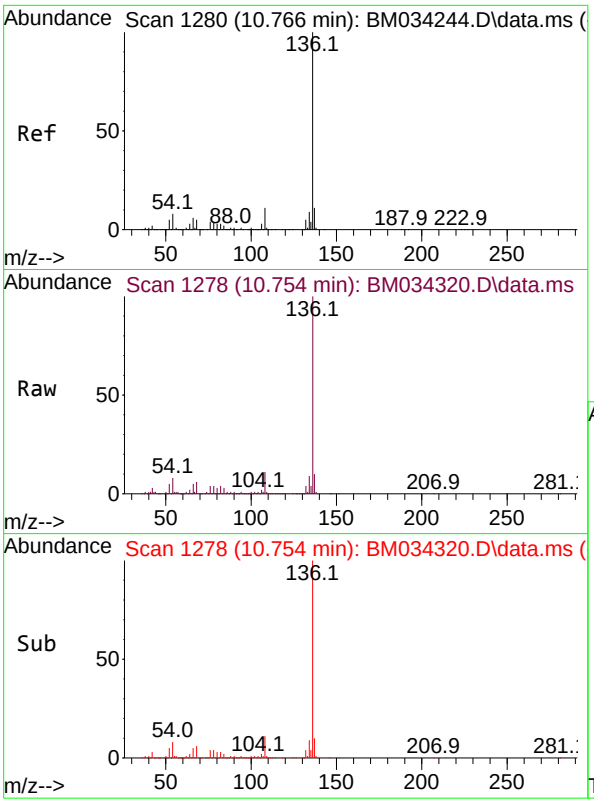


#7
Phenol-d6
Concen: 106.563 ng
RT: 7.095 min Scan# 656
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion: 99 Resp: 1399525

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	37.0	30.6	46.0



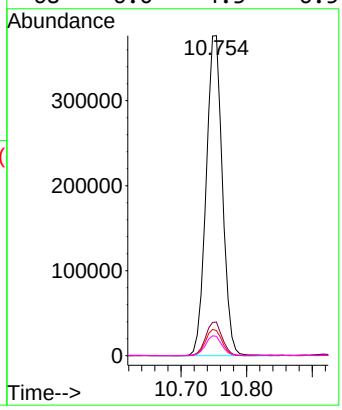


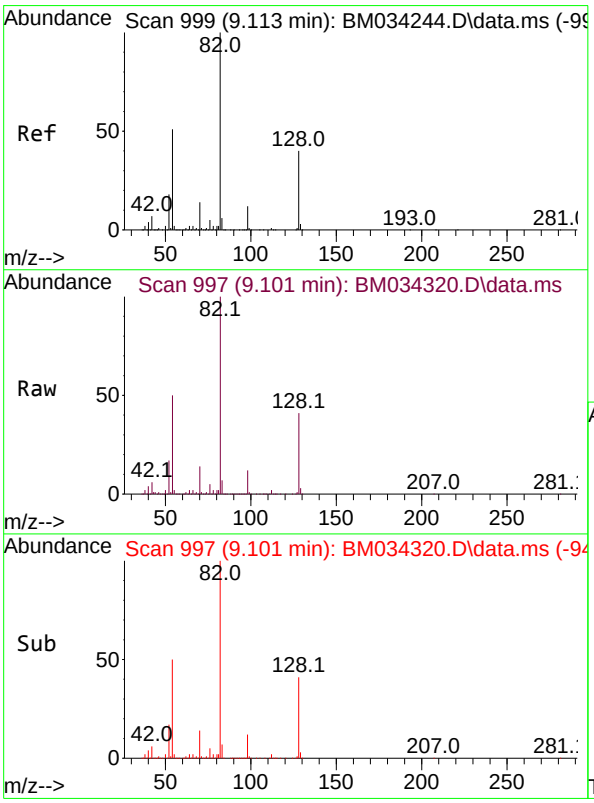
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:136 Resp: 649409

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.8	6.2	9.4
68	6.0	4.3	6.5

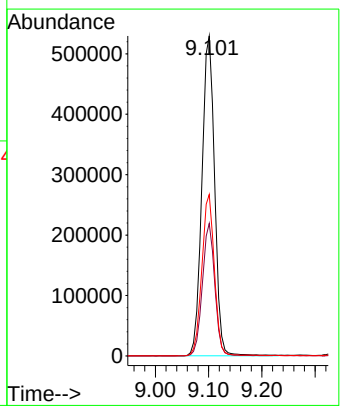


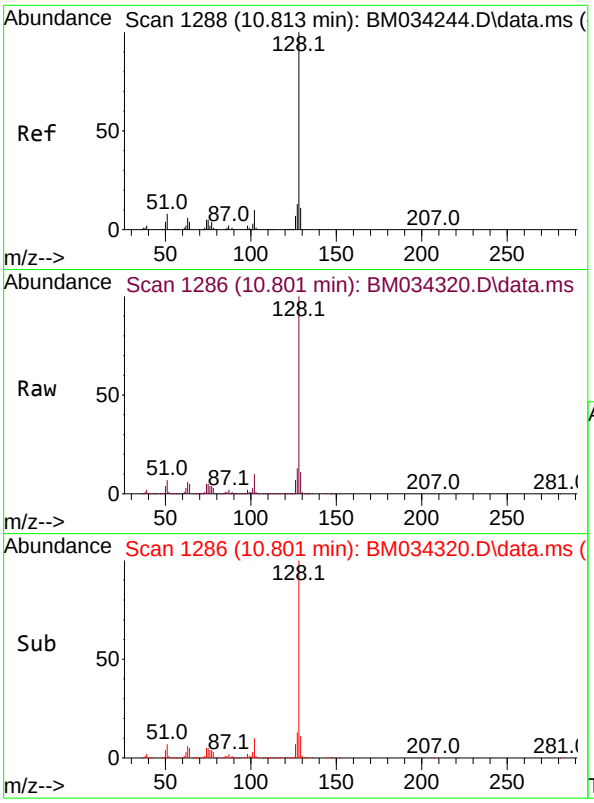


#23
Nitrobenzene-d5
Concen: 65.874 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion: 82 Resp: 878658

Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.9	47.9
54	50.4	40.6	61.0



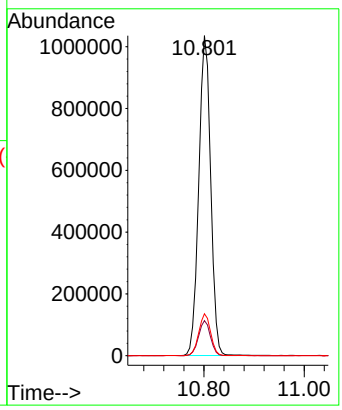


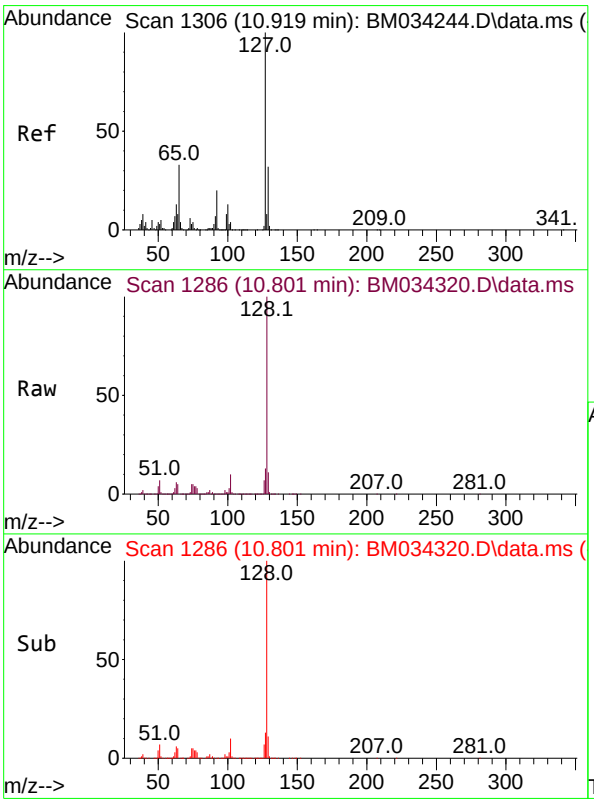
#31
Naphthalene
Concen: 50.341 ng
RT: 10.801 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:128 Resp: 1703174

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.2	15.4

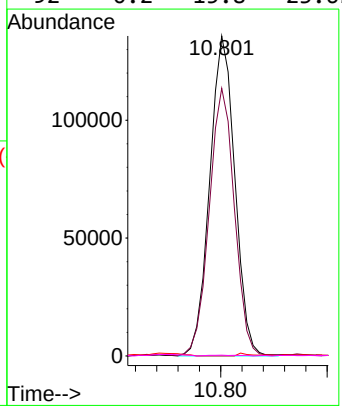


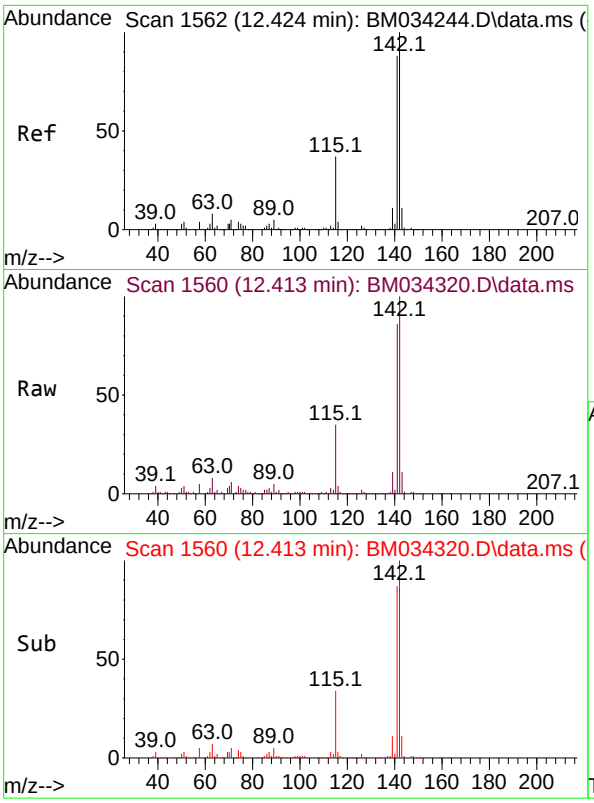


#33
4-Chloroaniline
Concen: 16.672 ng
RT: 10.801 min Scan# 1286
Delta R.T. -0.118 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:127 Resp: 222508

Ion	Ratio	Lower	Upper
127	100		
129	83.6	25.4	38.2#
65	0.0	26.2	39.2#
92	0.2	15.8	23.6#



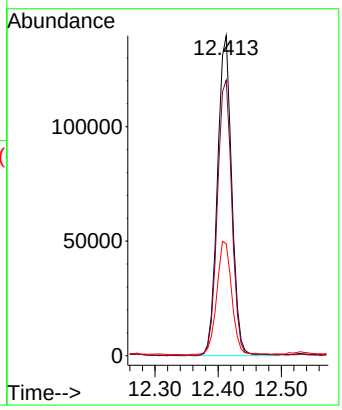


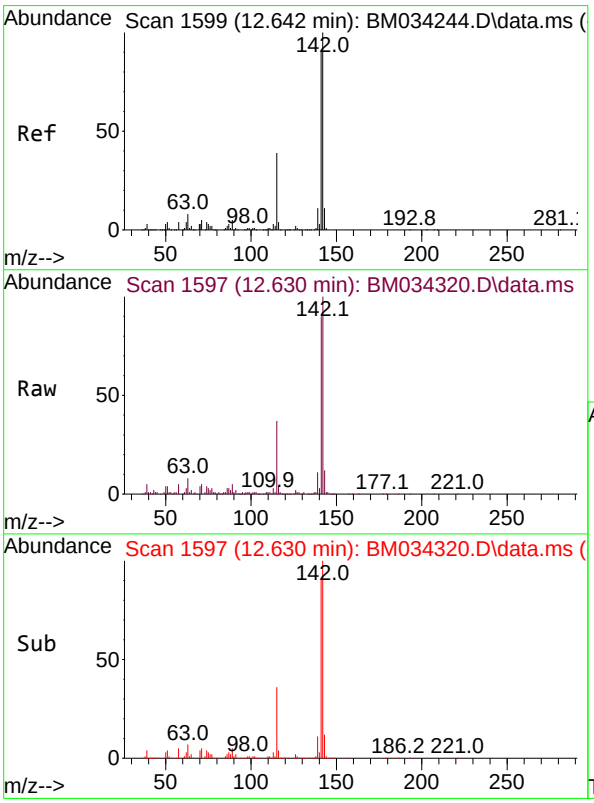
#37
2-Methylnaphthalene
Concen: 9.140 ng
RT: 12.413 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:142 Resp: 220649

Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.1	105.1
115	35.0	29.9	44.9

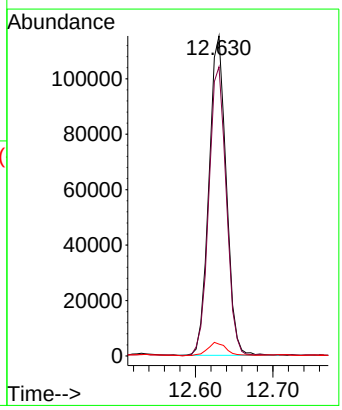


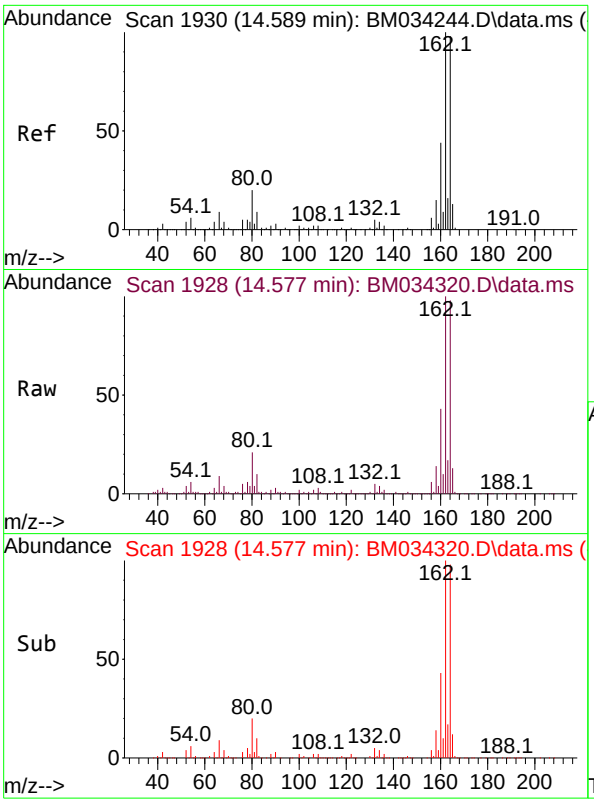


#38
1-Methylnaphthalene
Concen: 7.542 ng
RT: 12.630 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:142 Resp: 178109

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.0	109.6
116	3.7	3.2	4.8



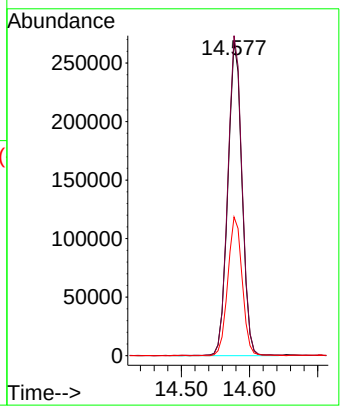


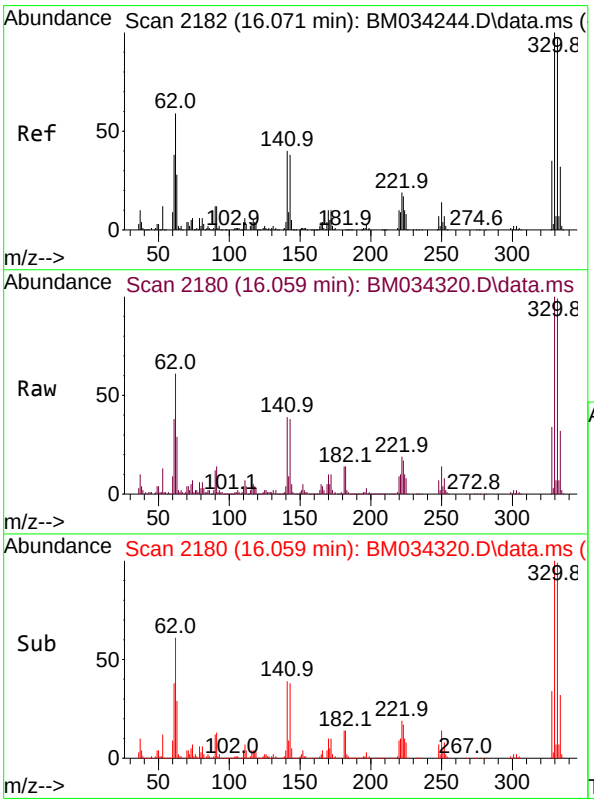
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:164 Resp: 386430

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.6	122.4
160	44.2	35.6	53.4

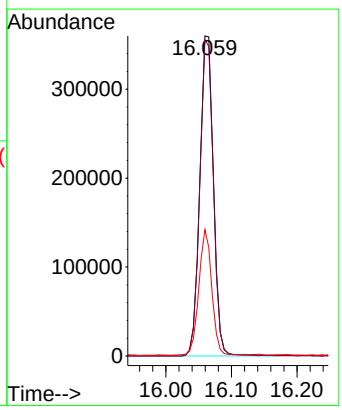


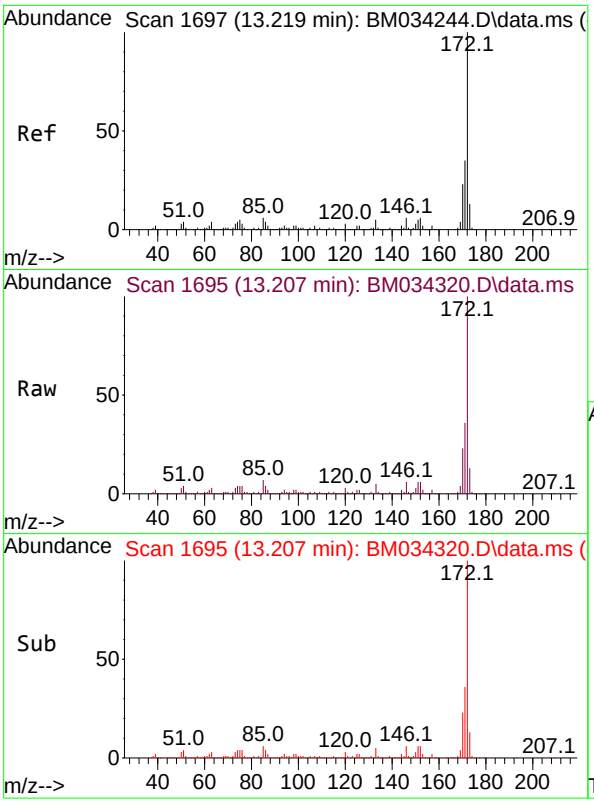


#42
2,4,6-Tribromophenol
Concen: 100.440 ng
RT: 16.059 min Scan# 2180
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:330 Resp: 523148

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.2	117.4
141	37.1	30.6	45.8



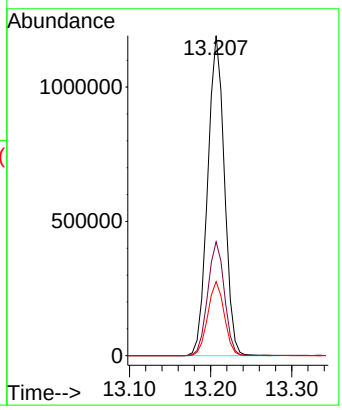


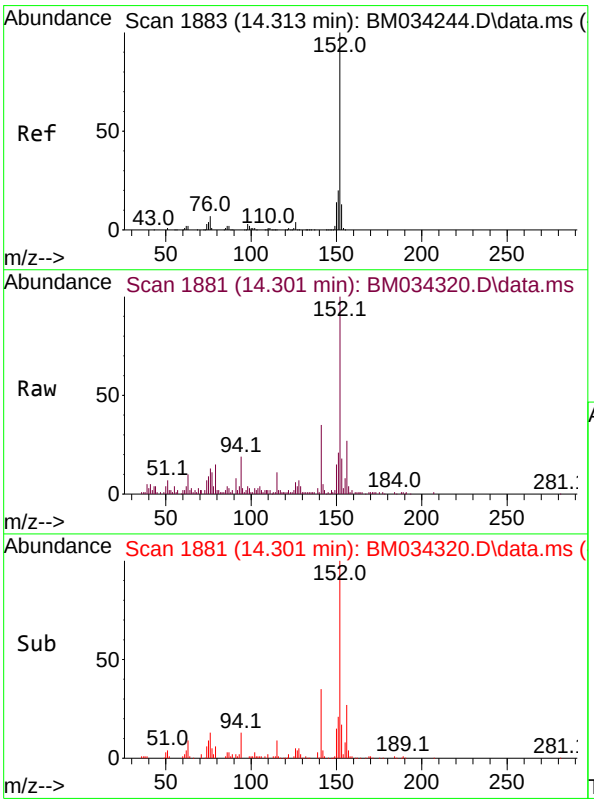
#45
2-Fluorobiphenyl
Concen: 60.169 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:172 Resp: 1701509

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	23.2	18.6	28.0

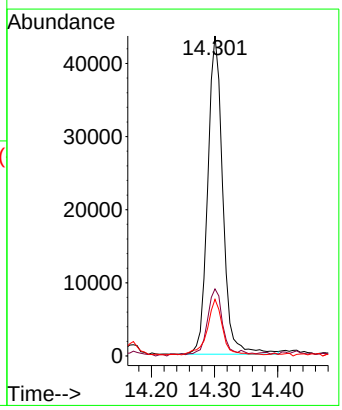


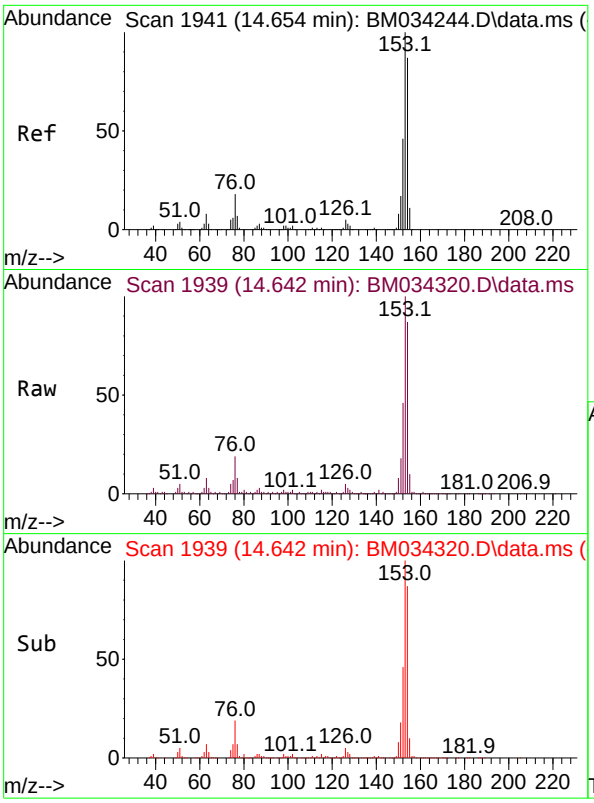


#49
Acenaphthylene
Concen: 2.048 ng
RT: 14.301 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:152 Resp: 72183

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.9	23.9
153	17.7	10.6	16.0#



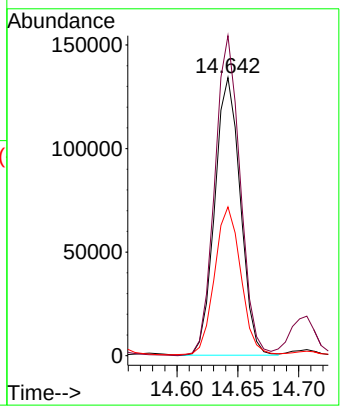


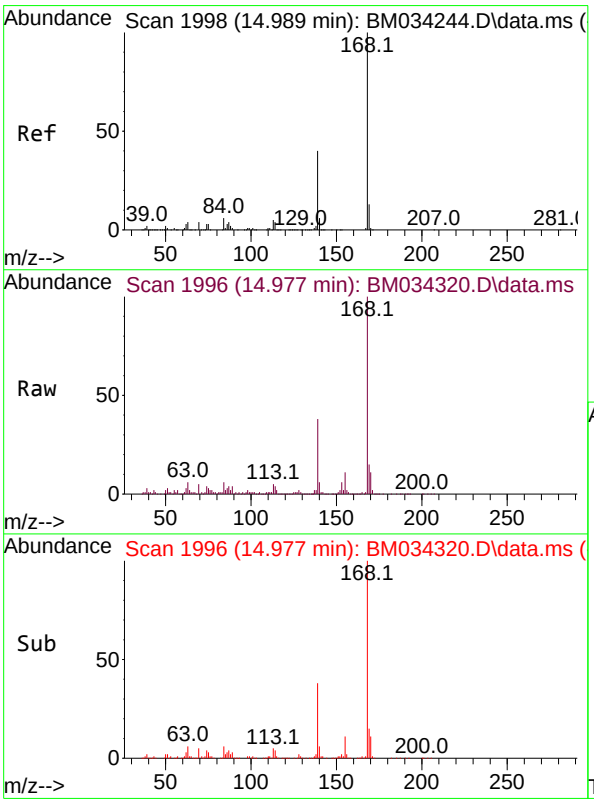
#52
Acenaphthene
Concen: 8.264 ng
RT: 14.642 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:154 Resp: 196221

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.8	137.8
152	53.5	42.6	64.0

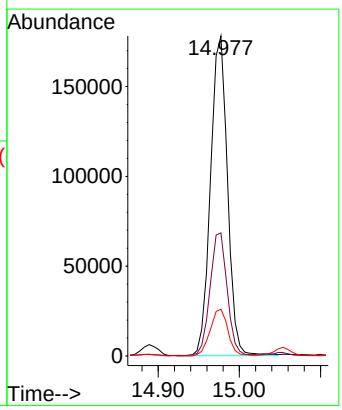


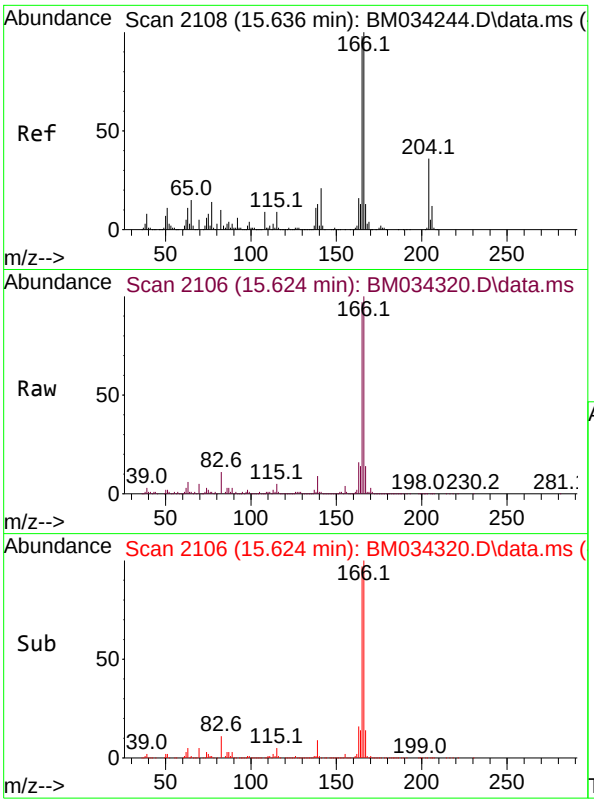


#55
Dibenzofuran
Concen: 7.316 ng
RT: 14.977 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:168 Resp: 258879

Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.4	48.6
169	14.6	10.8	16.2



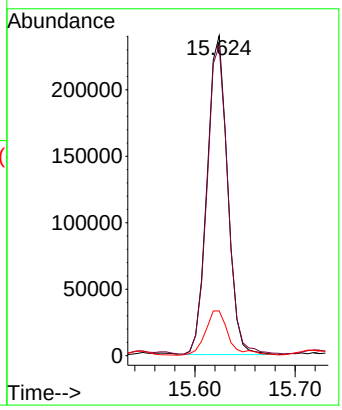


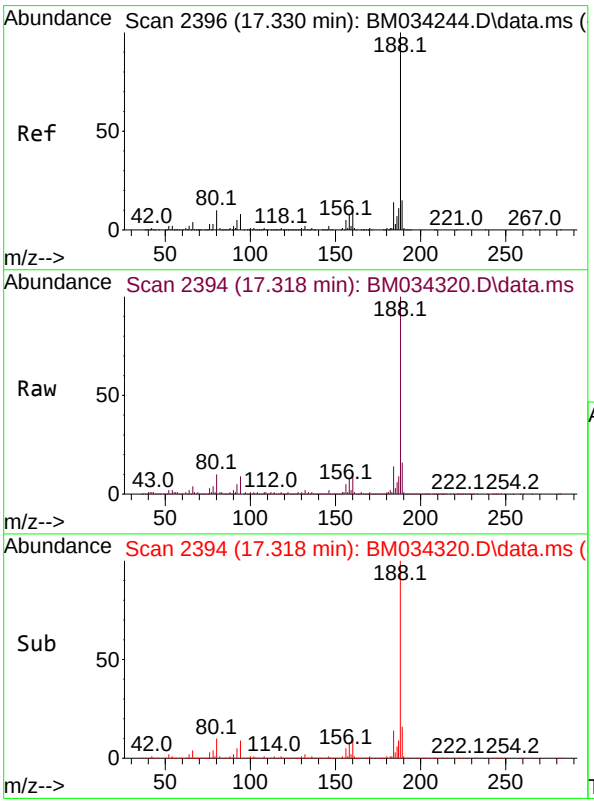
#58
Fluorene
Concen: 11.830 ng
RT: 15.624 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:166 Resp: 339825

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.0	117.0
167	14.0	10.5	15.7

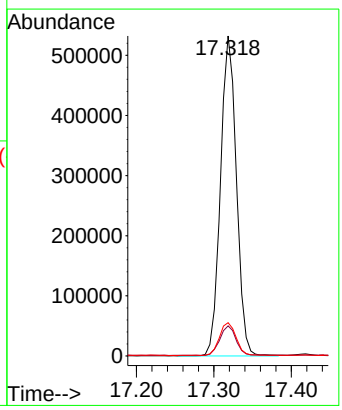


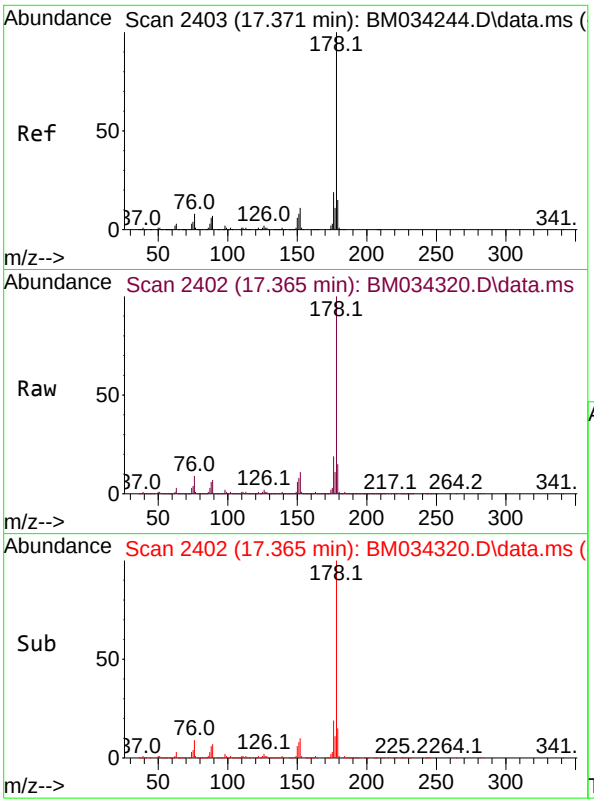


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:188 Resp: 761323

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	9.8
80	10.4	7.8	11.8



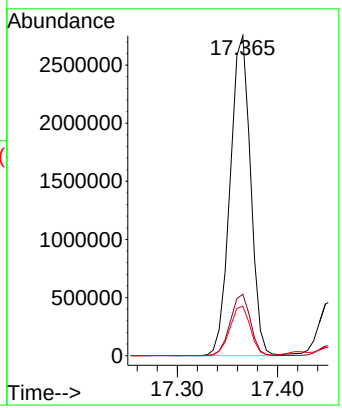


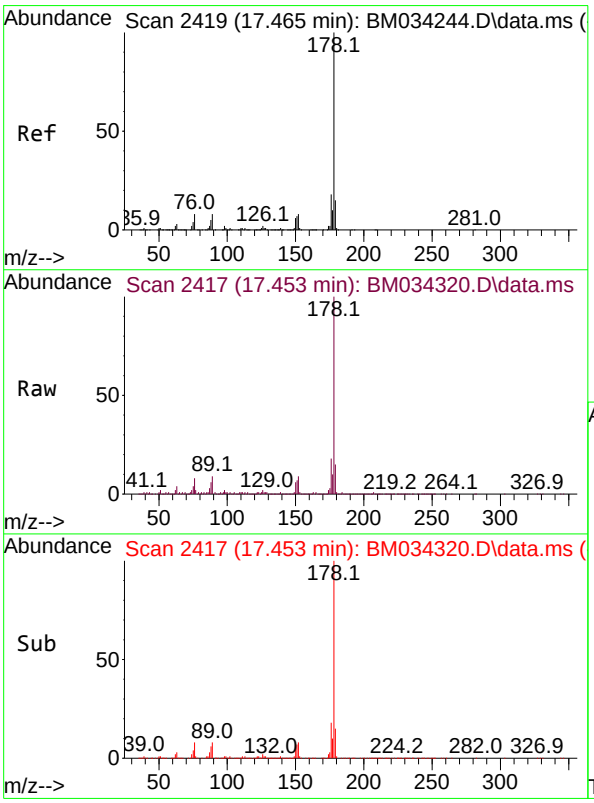
#71
Phenanthrene
Concen: 91.081 ng
RT: 17.365 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:178 Resp: 3883313

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.5	12.2	18.4

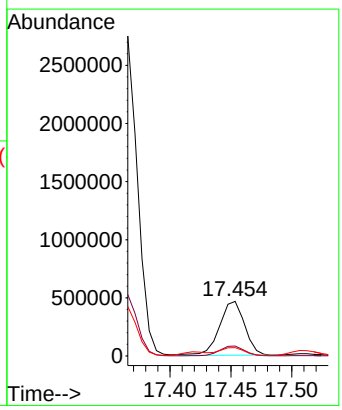


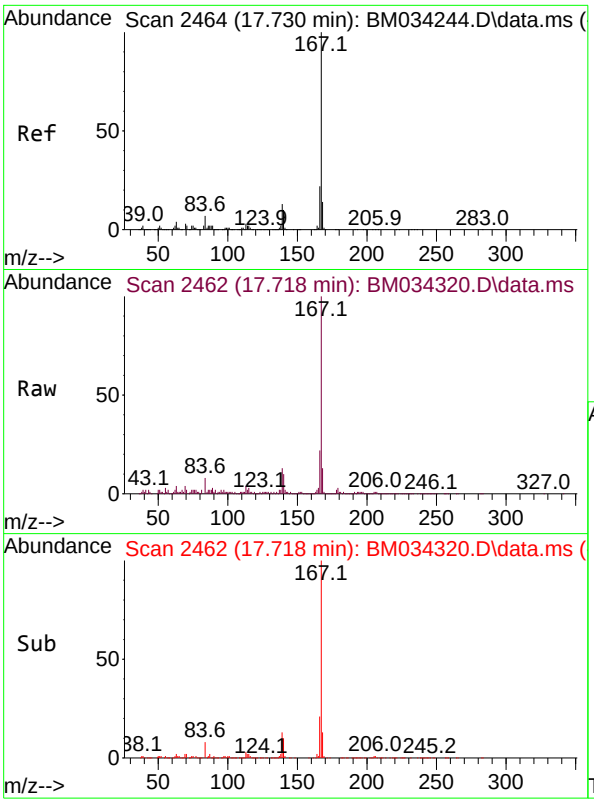


#72
Anthracene
Concen: 16.052 ng
RT: 17.453 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:178 Resp: 666149

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.4	12.2	18.2



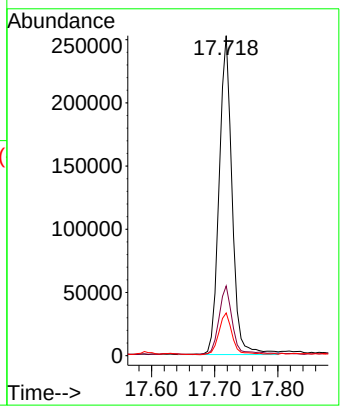


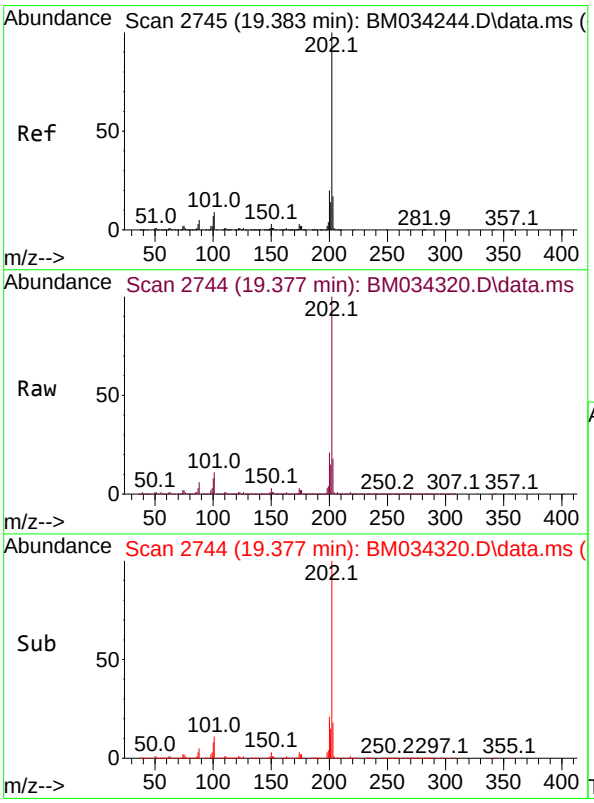
#73
Carbazole
Concen: 9.265 ng
RT: 17.718 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:167 Resp: 358564

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.4	10.4	15.6

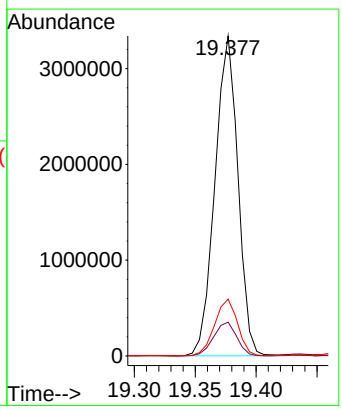


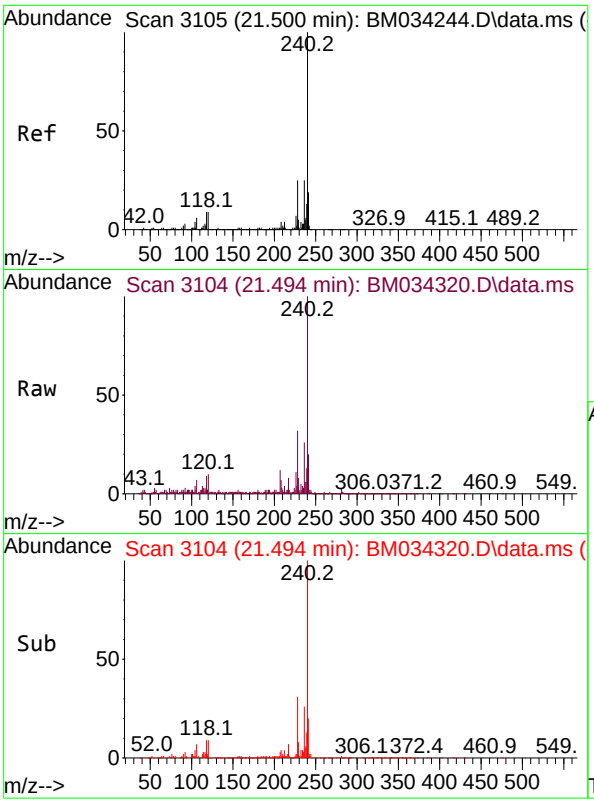


#75
Fluoranthene
Concen: 91.784 ng
RT: 19.377 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:202 Resp: 4386912

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.4
203	17.7	0.0	37.1



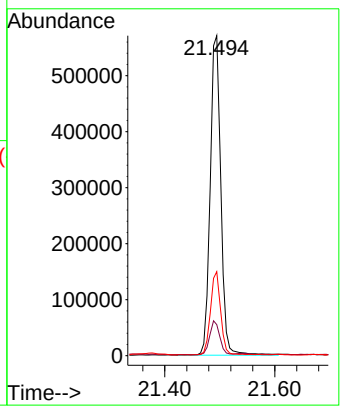


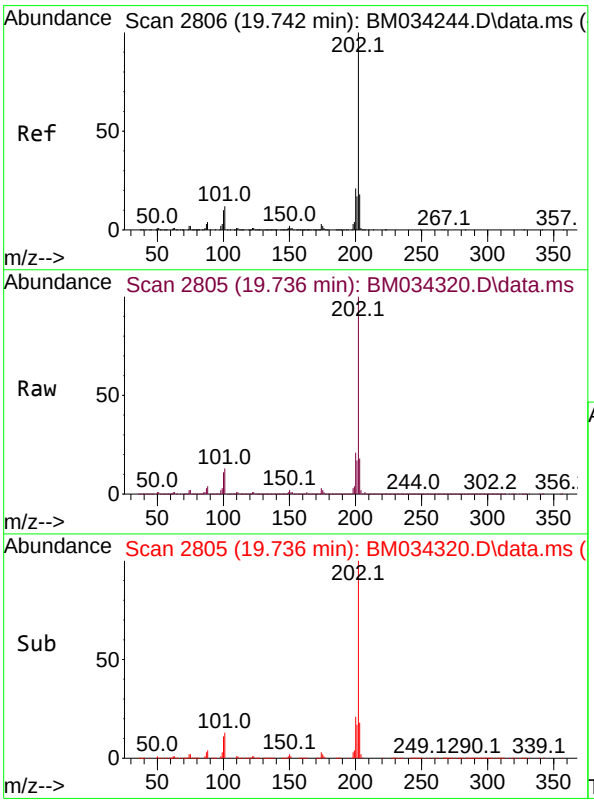
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.494 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:240 Resp: 766092

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.3	10.9
236	26.3	20.2	30.2

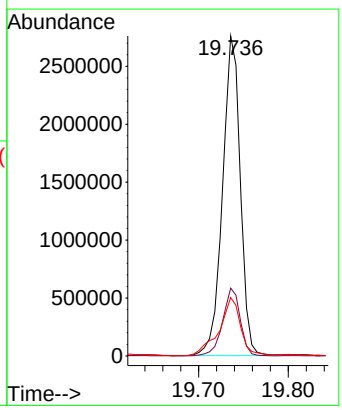


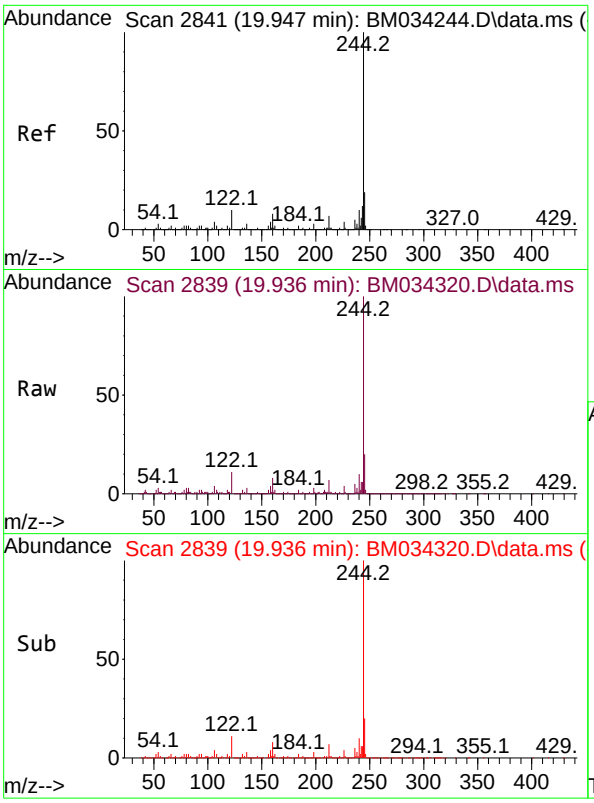


#78
Pyrene
Concen: 70.370 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:202 Resp: 3798253

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	18.3	14.1	21.1



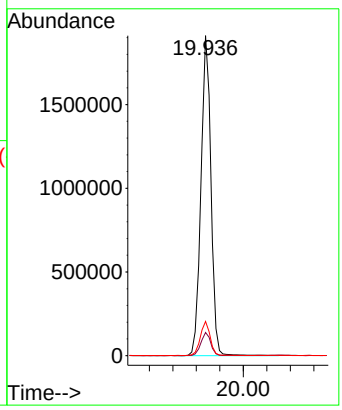


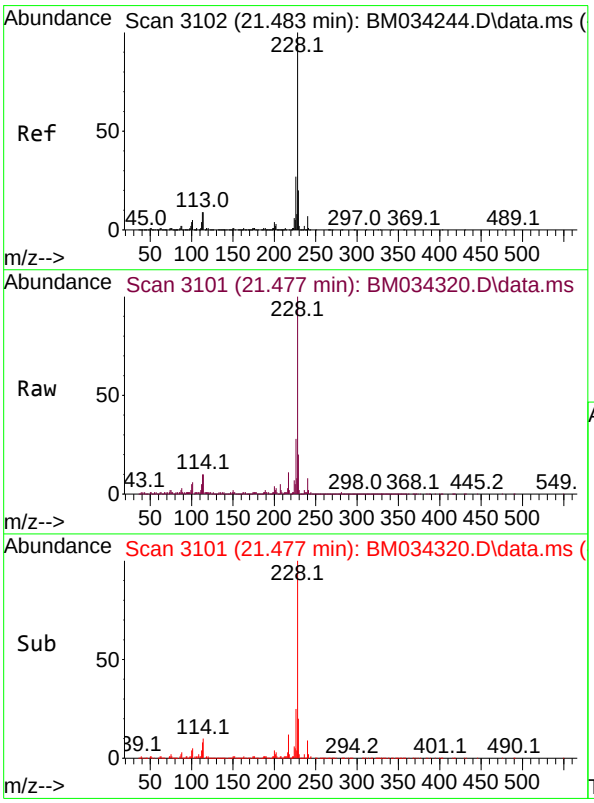
#79
Terphenyl-d14
Concen: 50.947 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:244 Resp: 2246206

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.7	7.8	11.8

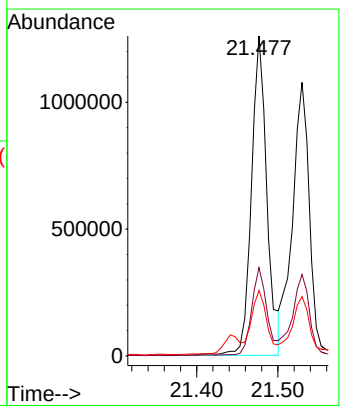


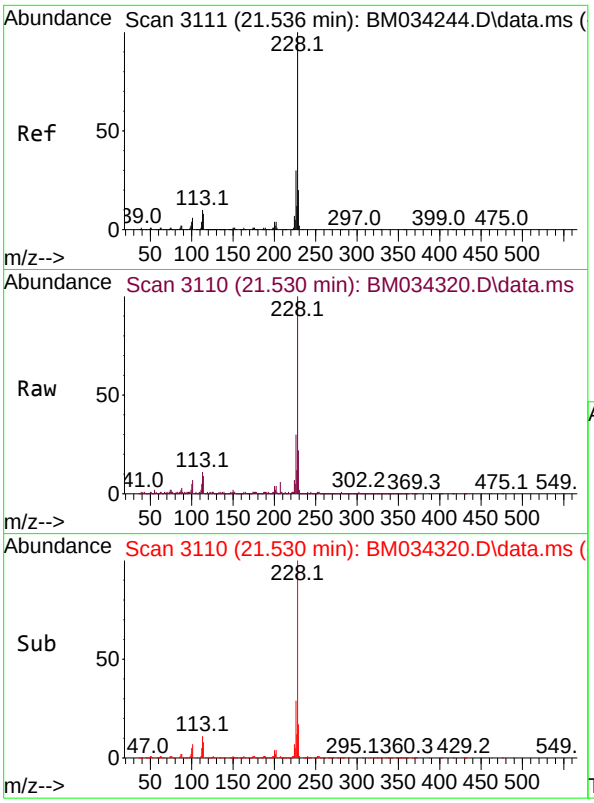


#81
Benzo(a)anthracene
Concen: 34.485 ng
RT: 21.477 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:228 Resp: 1667464

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	20.5	15.8	23.6



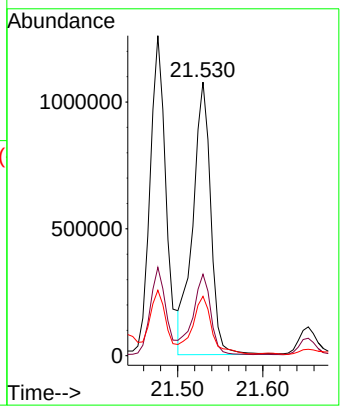


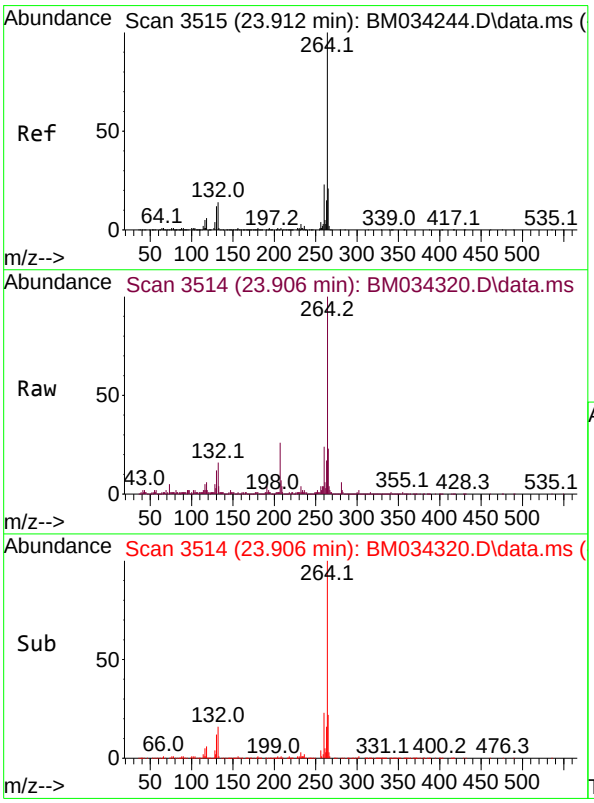
#83
Chrysene
Concen: 31.852 ng
RT: 21.530 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:228 Resp: 1572781

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	21.7	15.6	23.4

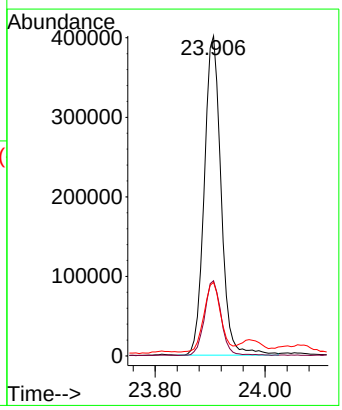


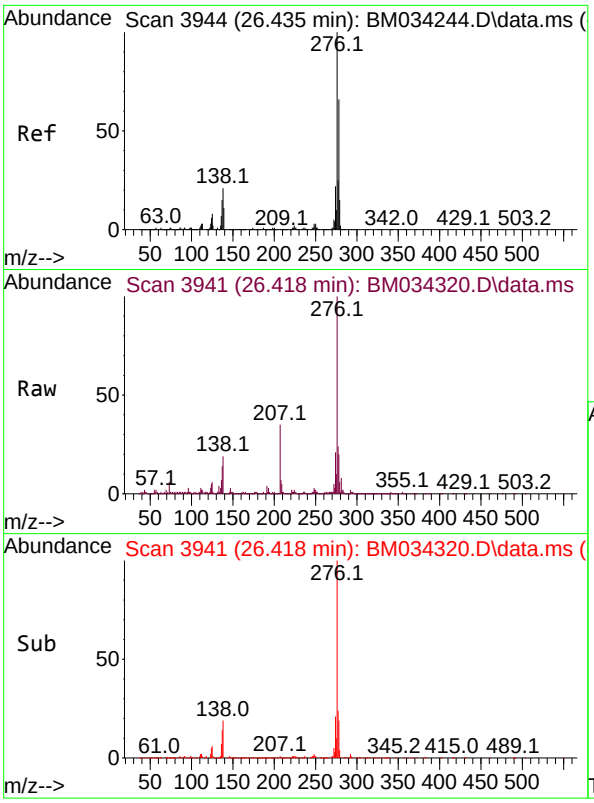


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.906 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:264 Resp: 851280

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	23.0	17.6	26.4



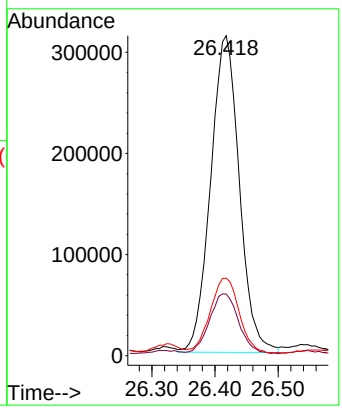


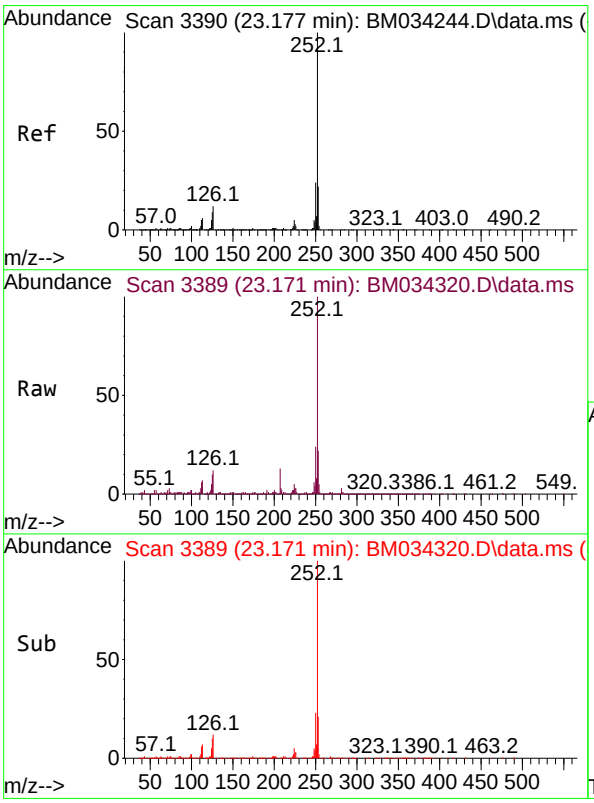
#87
Indeno(1,2,3-cd)pyrene
Concen: 18.063 ng
RT: 26.418 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:276 Resp: 989168

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.6	25.0
277	24.3	19.8	29.6

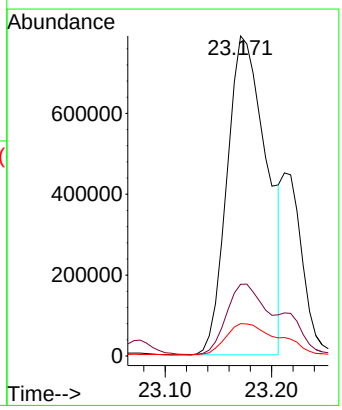


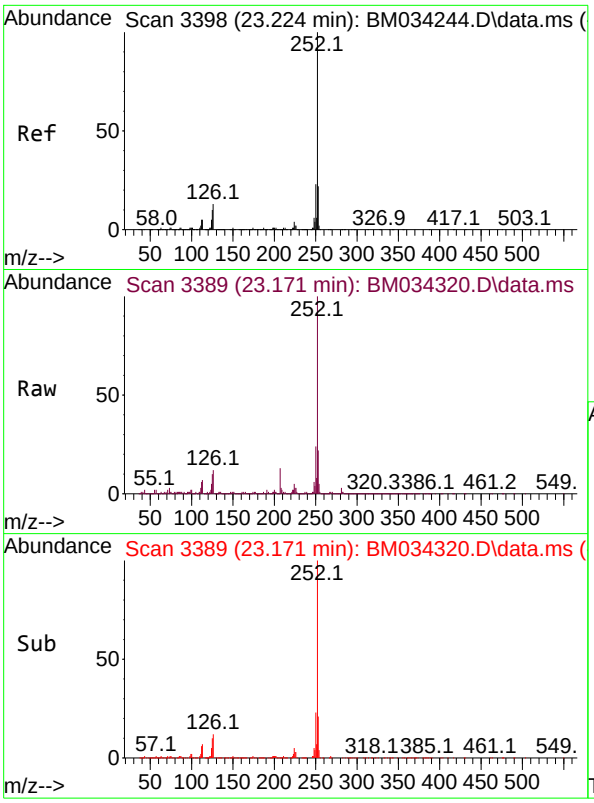


#88
Benzo(b)fluoranthene
Concen: 40.173 ng
RT: 23.171 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:252 Resp: 2044977

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.1	7.2	10.8



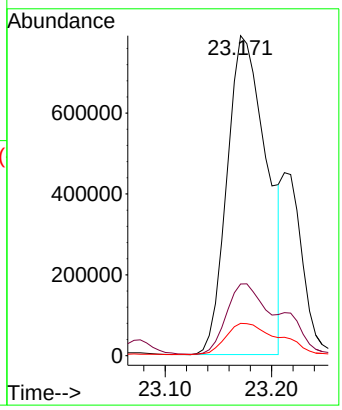


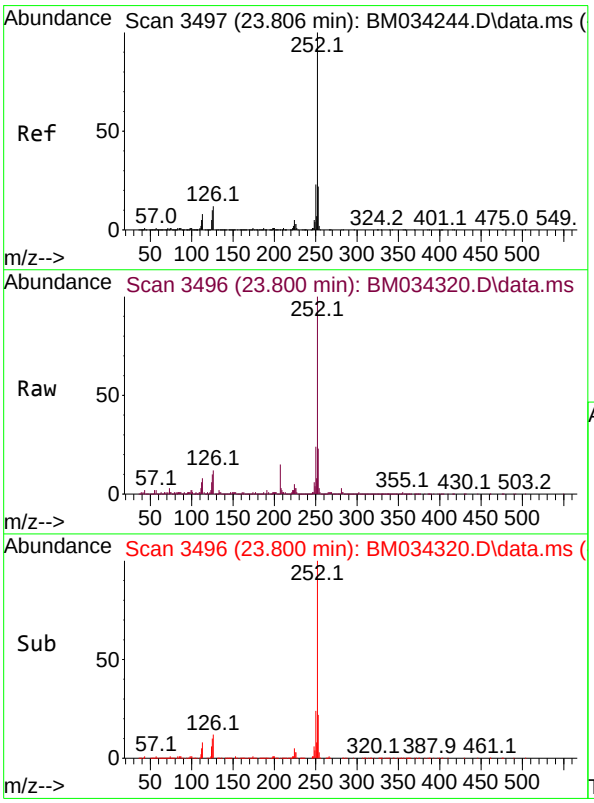
#89
Benzo(k)fluoranthene
Concen: 37.923 ng
RT: 23.171 min Scan# 3
Delta R.T. -0.053 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:252 Resp: 2044977

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.1	7.5	11.3

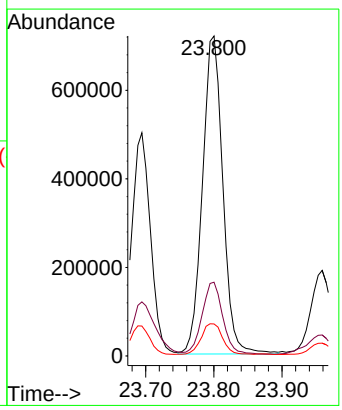


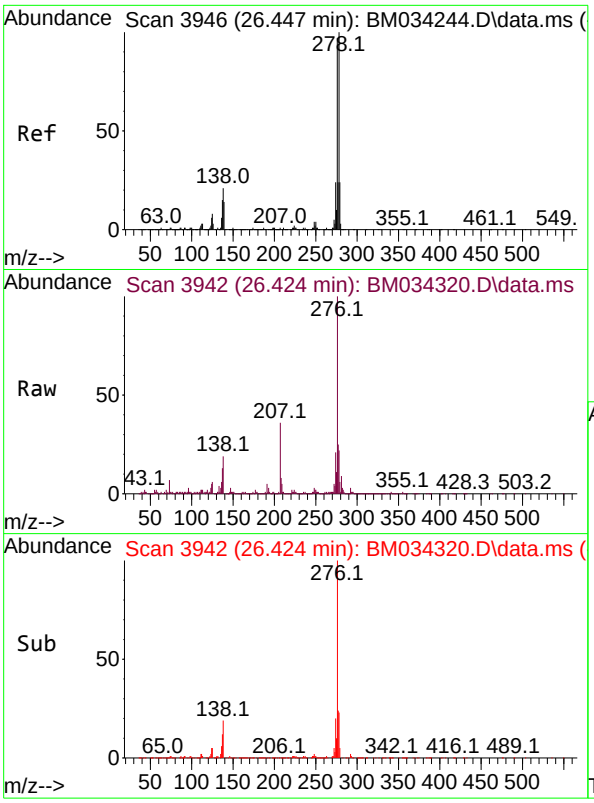


#90
Benzo(a)pyrene
Concen: 34.687 ng
RT: 23.800 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:252 Resp: 1496871

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.0	7.8	11.6



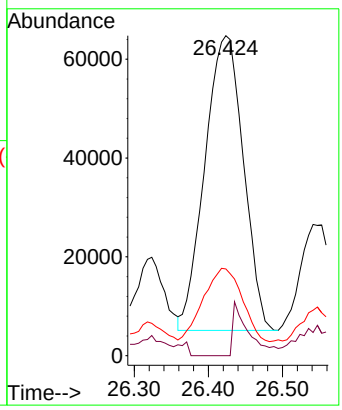


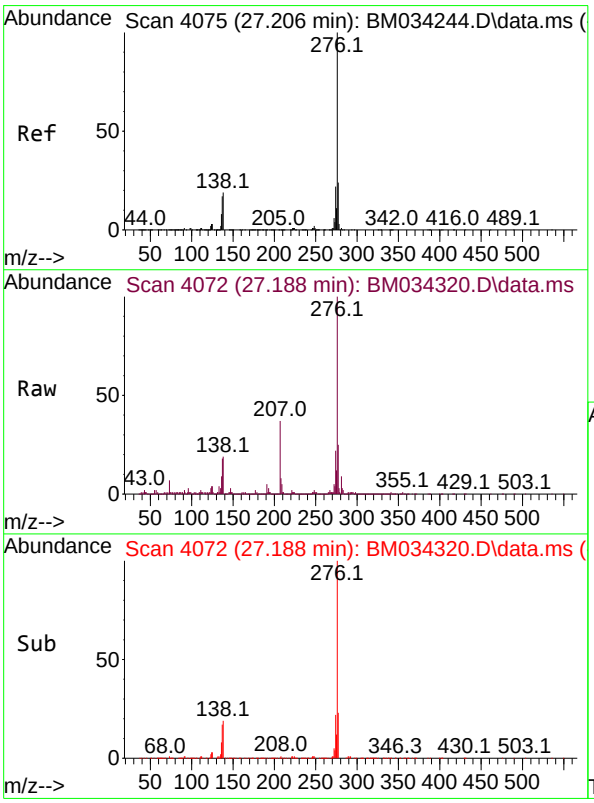
#91
Dibenzo(a,h)anthracene
Concen: 4.853 ng
RT: 26.424 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Instrument :
BNA_M
ClientSampleId :
C-23-25-28

Tgt Ion:278 Resp: 215466

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	27.1	19.2	28.8





#92
Benzo(g,h,i)perylene
Concen: 21.987 ng
RT: 27.188 min Scan# 4072
Delta R.T. -0.018 min
Lab File: BM034320.D
Acq: 22 Mar 2022 21:15

Tgt Ion:276 Resp: 1010534

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.0	28.4
138	19.3	15.6	23.4