Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034330.D
Acq On : 23 Mar 2022 03:17
Operator : CG/JU
Sample : N1962-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Quant Time: Mar 23 05:10:04 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	7.937	152	158251	20.000	ng		-0.01
21) Naphthalene-d8	10.748	136	628562	20.000	ng		-0.02
39) Acenaphthene-d10	14.578	164	373959	20.000	ng		-0.01
64) Phenanthrene-d10	17.319	188	723110	20.000	ng		-0.01
76) Chrysene-d12	21.489	240	729958	20.000	ng		-0.01
86) Perylene-d12	23.900	264	796546	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	205190	23.261	ng		-0.01
7) Phenol-d6	7.096	99	265052	20.986	ng		-0.01
23) Nitrobenzene-d5	9.096	82	167915	13.006	ng		-0.02
42) 2,4,6-Tribromophenol	16.060	330	97828	19.408	ng		-0.01
45) 2-Fluorobiphenyl	13.207	172	367482	13.428	ng		-0.01
79) Terphenyl-d14	19.936	244	517135	12.310	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.801	128	1091563	33.334	ng		99
33) 4-Chloroaniline	10.801	127	142795	11.054	ng	#	33
37) 2-Methylnaphthalene	12.407	142	291868	12.491	ng		97
38) 1-Methylnaphthalene	12.631	142	226401	9.905	ng		98
46) 1,1'-Biphenyl	13.413	154	105725	3.708	ng		95
49) Acenaphthylene	14.301	152	427244	12.524	ng		99
52) Acenaphthene	14.642	154	406641	17.697	ng		99
55) Dibenzofuran	14.972	168	754959	22.047	ng		99
56) 4-Nitrophenol	14.972	139	299501	63.077	ng	#	3
58) Fluorene	15.625	166	846713	30.458	ng		99
71) Phenanthrene	17.366	178	7193401	177.634	ng		98
72) Anthracene	17.454	178	1845170	46.813	ng		100
73) Carbazole	17.719	167	554342	15.080	ng		99
75) Fluoranthene	19.377	202	6275804	138.243	ng		97
78) Pyrene	19.736	202	5257385	102.225	ng		99
81) Benzo(a)anthracene	21.477	228	2138844	46.424	ng		98
83) Chrysene	21.530	228	1722107	36.603	ng		97
87) Indeno(1,2,3-cd)pyrene	26.418	276	1177274	22.975	ng		98
88) Benzo(b)fluoranthene	23.171	252	2244154	47.115	ng		99
89) Benzo(k)fluoranthene	23.171	252	2244154	44.476	ng		99
90) Benzo(a)pyrene	23.800	252	1870589	46.325	ng		99
91) Dibenzo(a,h)anthracene	26.418	278	256807	6.181	ng	#	81
92) Benzo(g,h,i)perylene	27.188	276	1188408	27.634	ng		99

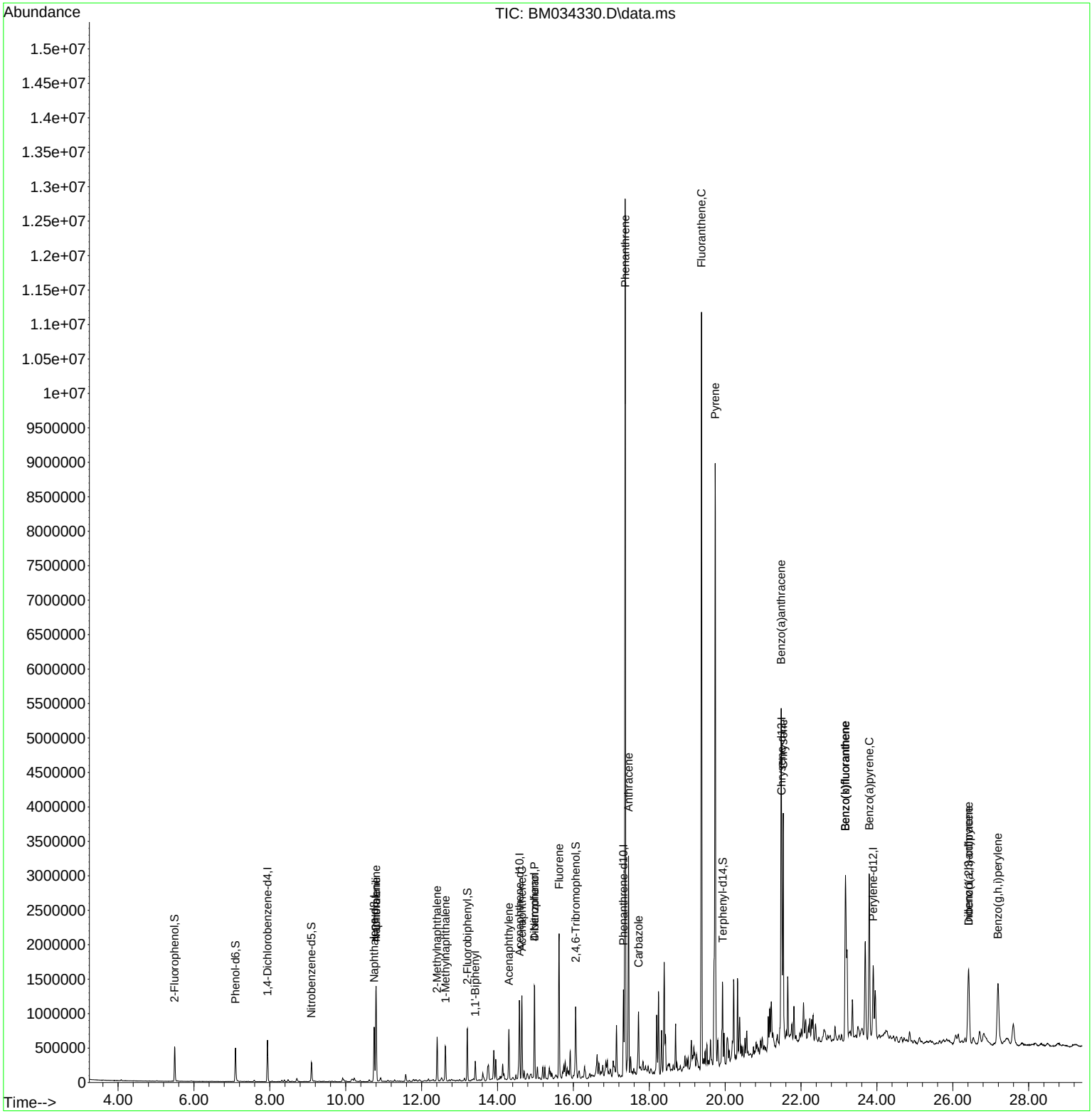
(#) = qualifier out of range (m) = manual integration (+) = signals summed

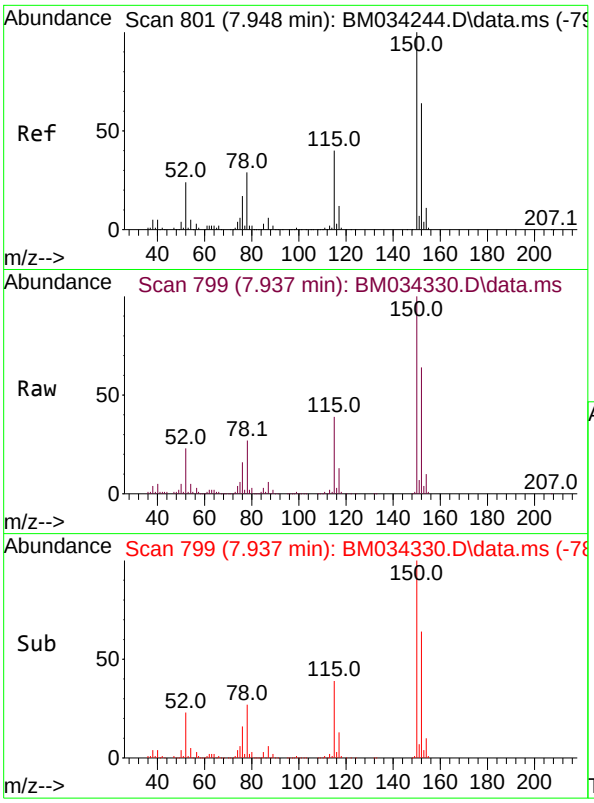
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034330.D
Acq On : 23 Mar 2022 03:17
Operator : CG/JU
Sample : N1962-02 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Quant Time: Mar 23 05:10:04 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



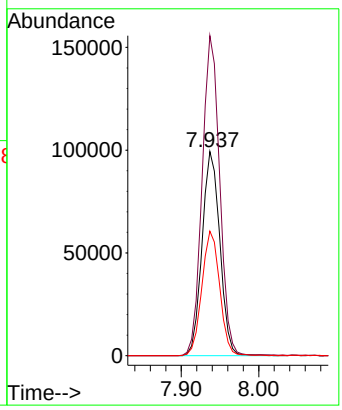


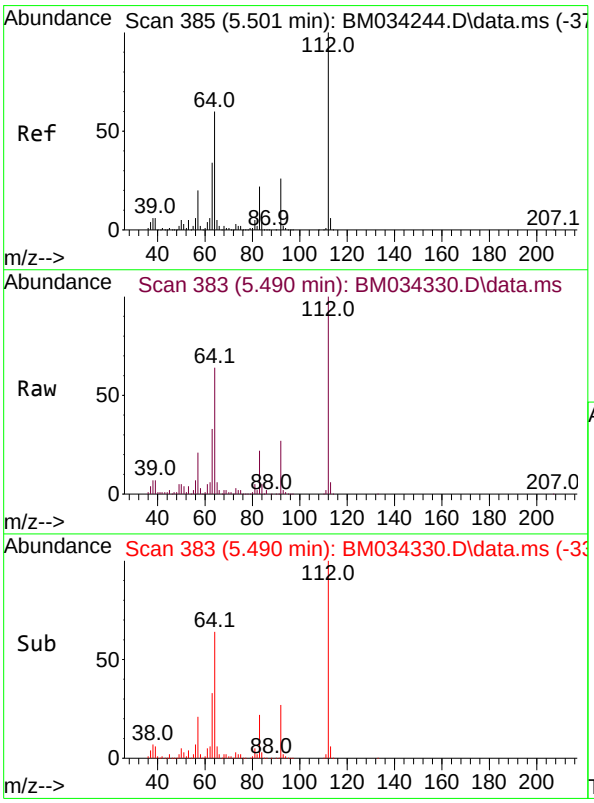
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 7
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:152 Resp: 158251

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.4	188.2
115	61.0	50.1	75.1

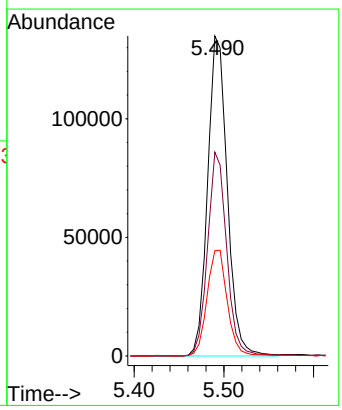


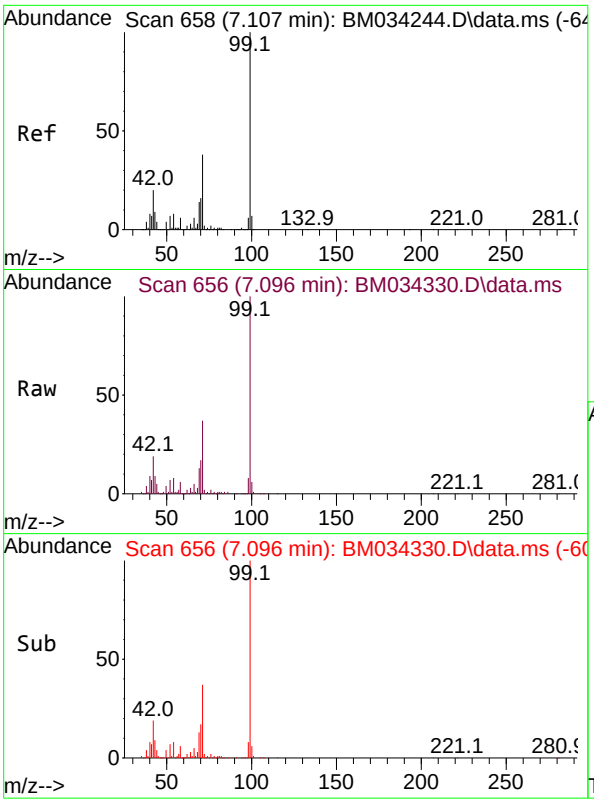


#5
2-Fluorophenol
Concen: 23.261 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:112 Resp: 205190

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	32.9	27.1	40.7



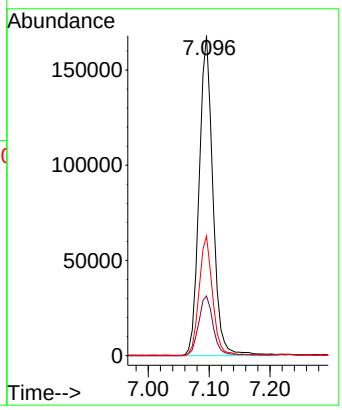


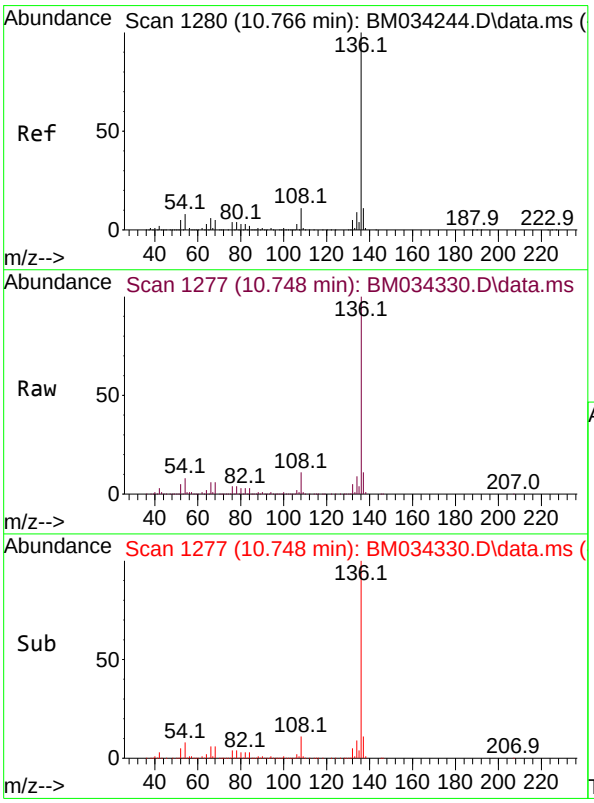
#7
Phenol-d6
Concen: 20.986 ng
RT: 7.096 min Scan# 6
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion: 99 Resp: 265052

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	37.4	30.6	46.0

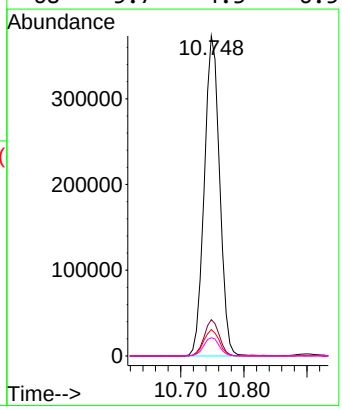


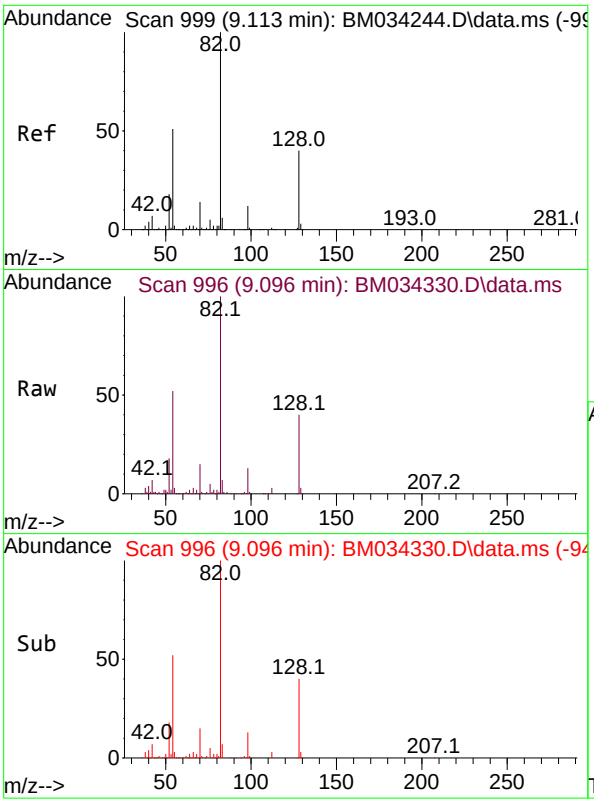


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:136 Resp: 628562

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.2	6.2	9.4
68	5.7	4.3	6.5



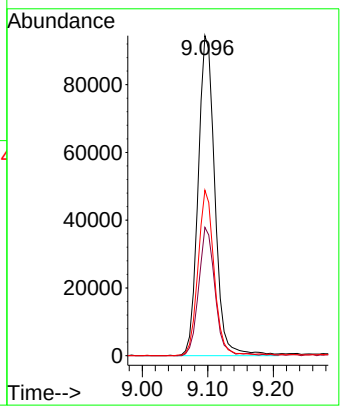


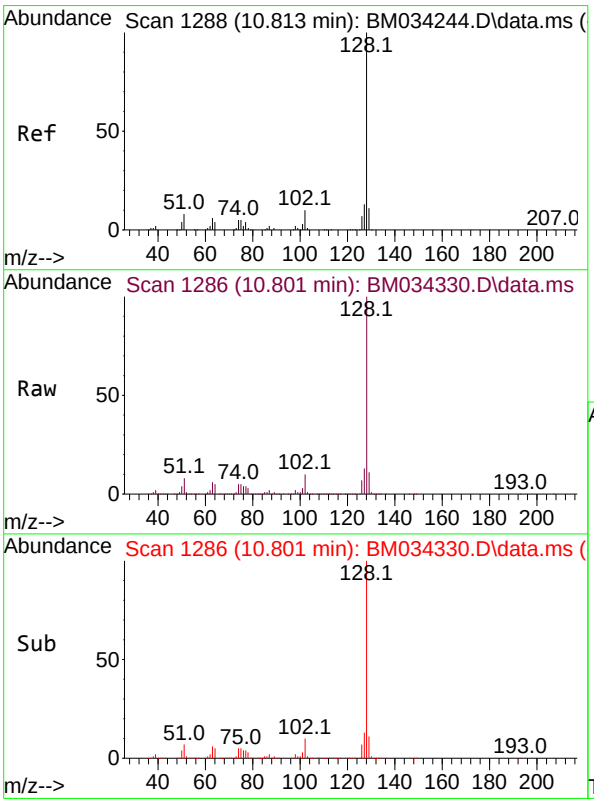
#23
Nitrobenzene-d5
Concen: 13.006 ng
RT: 9.096 min Scan# 9
Delta R.T. -0.017 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion: 82 Resp: 167915

Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.9	47.9
54	51.7	40.6	61.0

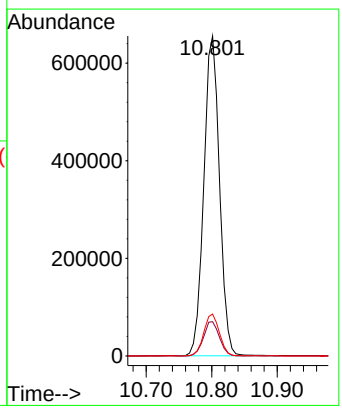


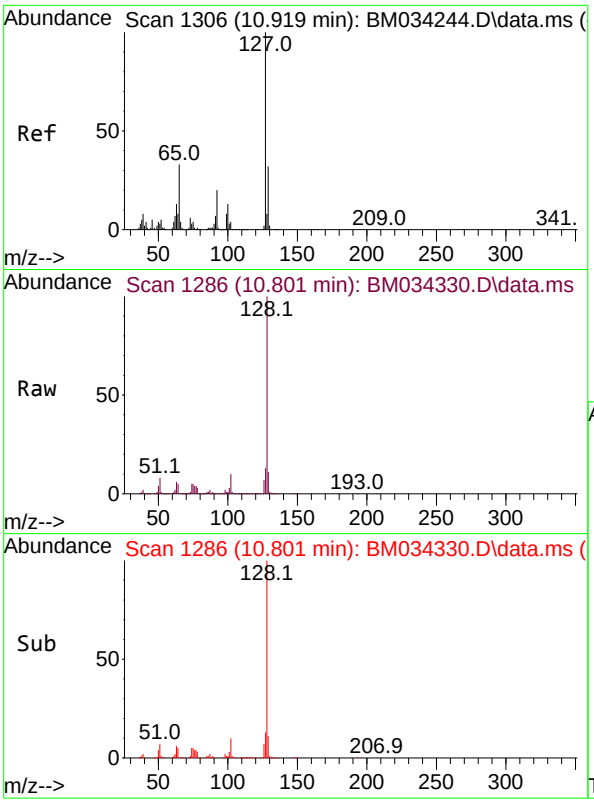


#31
Naphthalene
Concen: 33.334 ng
RT: 10.801 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:128 Resp: 1091563

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.1	10.2	15.4



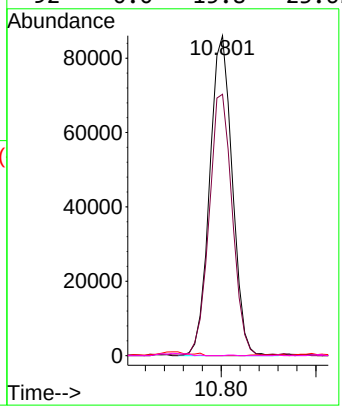


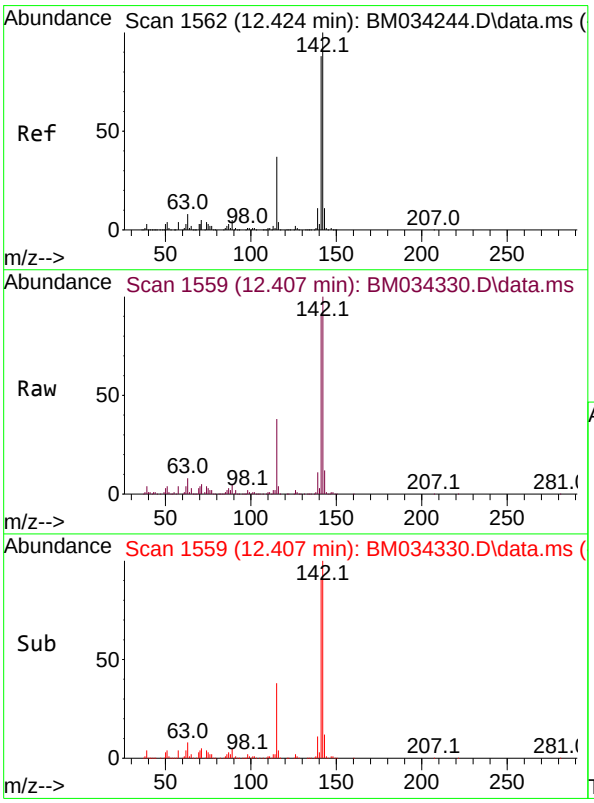
#33
4-Chloroaniline
Concen: 11.054 ng
RT: 10.801 min Scan# 1
Delta R.T. -0.117 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:127 Resp: 142795

Ion	Ratio	Lower	Upper
127	100		
129	81.7	25.4	38.2#
65	0.0	26.2	39.2#
92	0.0	15.8	23.6#

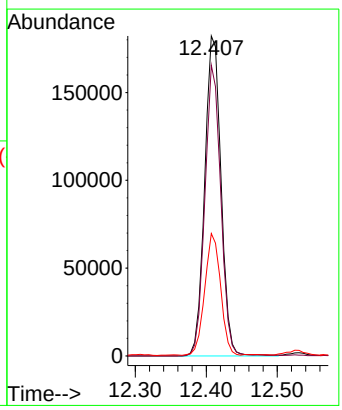


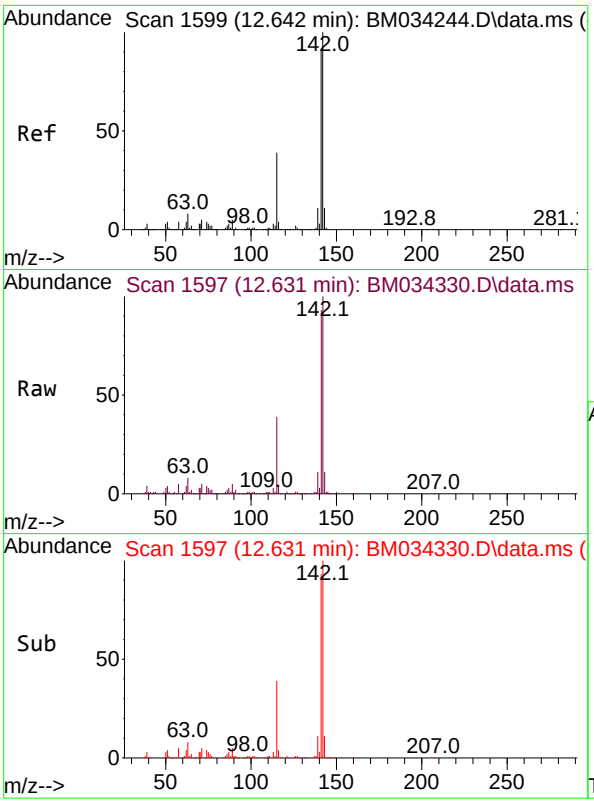


#37
2-Methylnaphthalene
Concen: 12.491 ng
RT: 12.407 min Scan# 1559
Delta R.T. -0.017 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:142 Resp: 291868

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.1	105.1
115	38.2	29.9	44.9



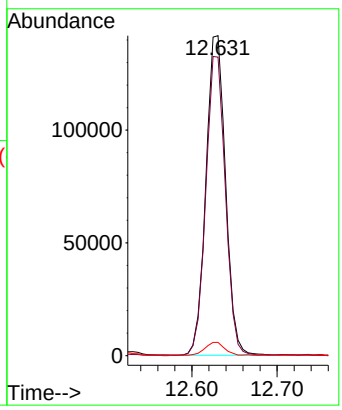


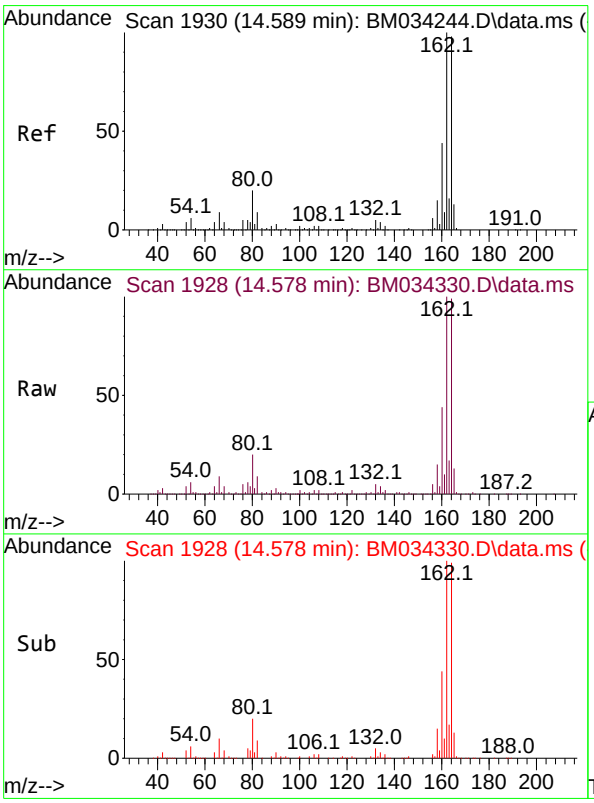
#38
1-Methylnaphthalene
Concen: 9.905 ng
RT: 12.631 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:142 Resp: 226401

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.0	109.6
116	4.1	3.2	4.8

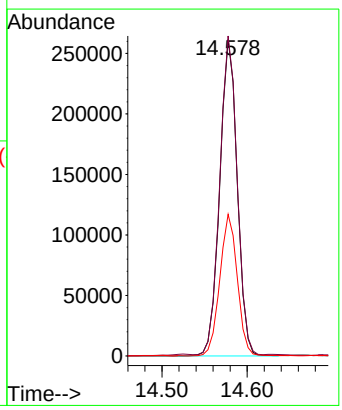


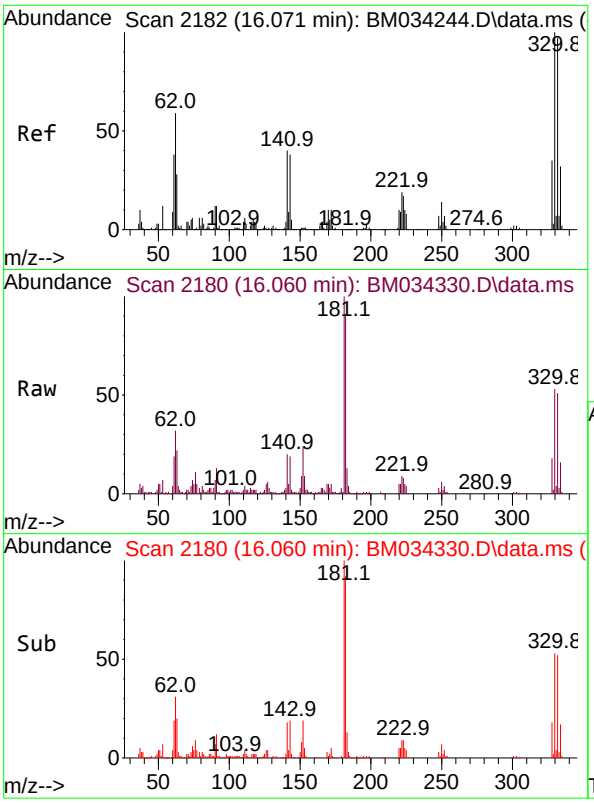


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:164 Resp: 373959

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.6	122.4
160	44.8	35.6	53.4



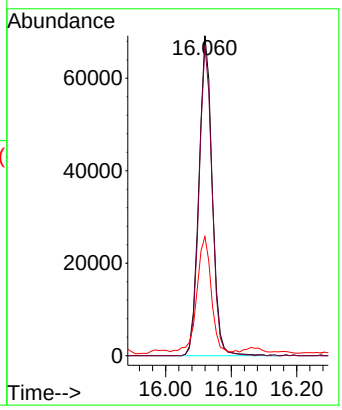


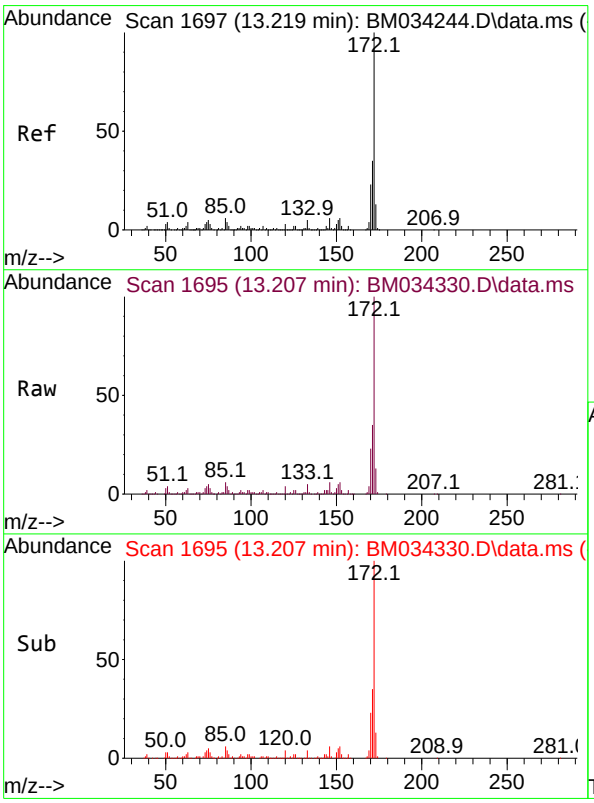
#42
2,4,6-Tribromophenol
Concen: 19.408 ng
RT: 16.060 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:330 Resp: 97828

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.4
141	38.3	30.6	45.8

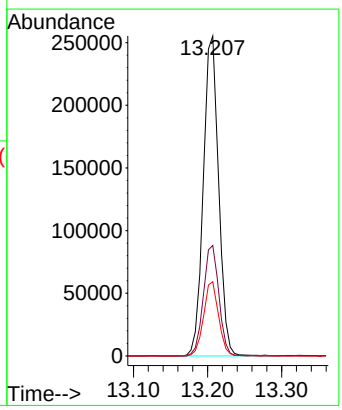


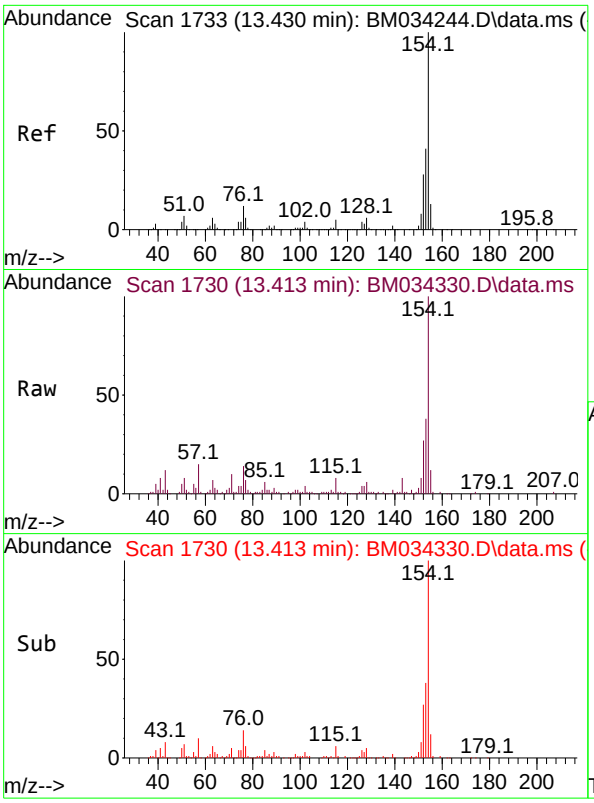


#45
2-Fluorobiphenyl
Concen: 13.428 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:172 Resp: 367482

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.0	42.0
170	23.2	18.6	28.0



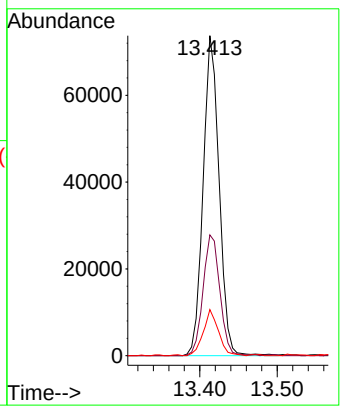


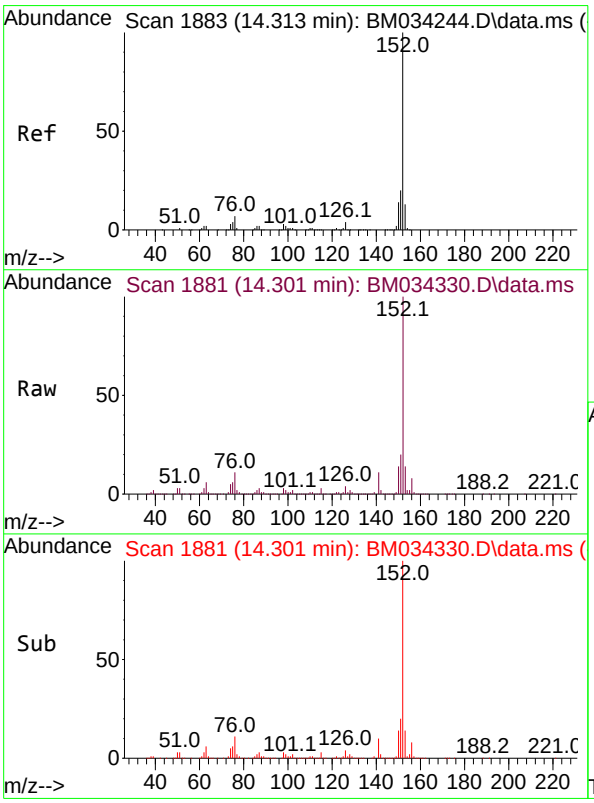
#46
1,1'-Biphenyl
Concen: 3.708 ng
RT: 13.413 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:154 Resp: 105725

Ion	Ratio	Lower	Upper
154	100		
153	37.8	21.0	61.0
76	14.4	0.0	32.1

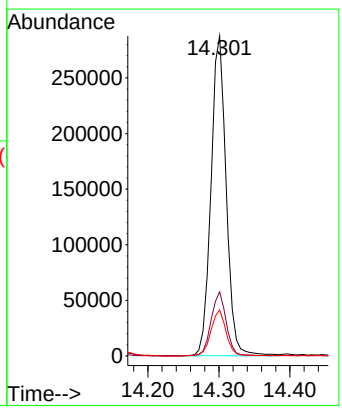


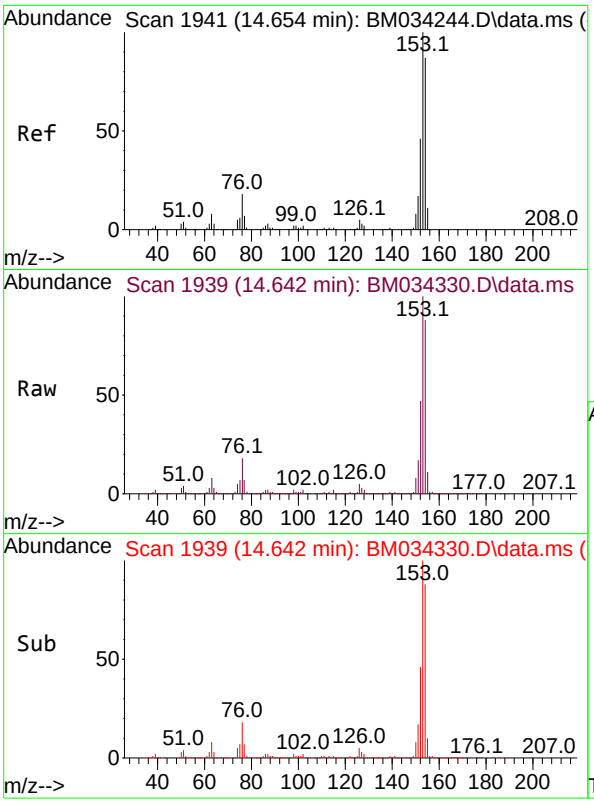


#49
Acenaphthylene
Concen: 12.524 ng
RT: 14.301 min Scan# 1881
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:152 Resp: 427244

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	14.4	10.6	16.0



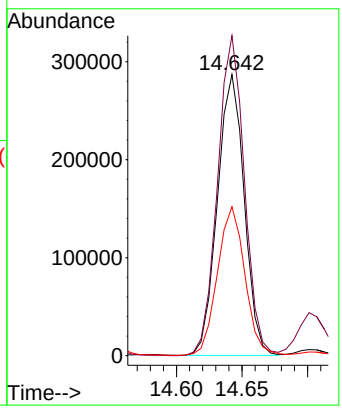


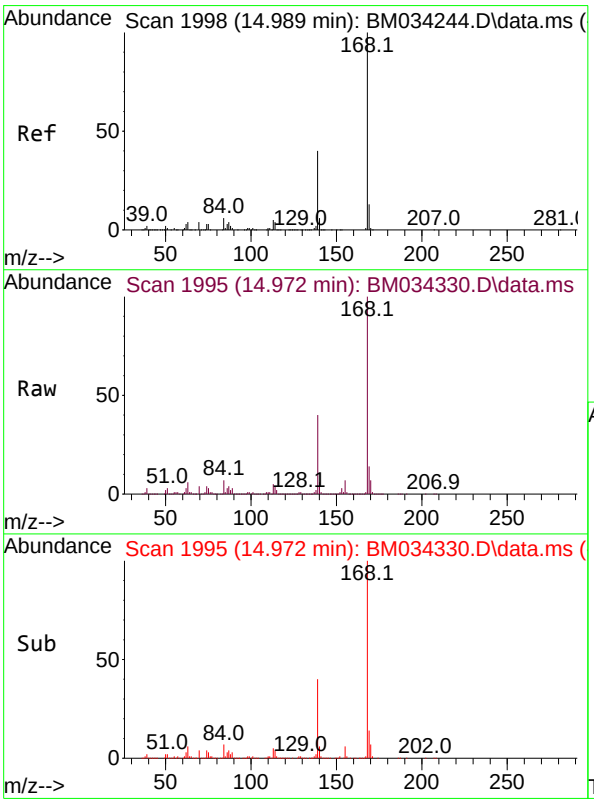
#52
Acenaphthene
Concen: 17.697 ng
RT: 14.642 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:154 Resp: 406641

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.8	137.8
152	53.0	42.6	64.0

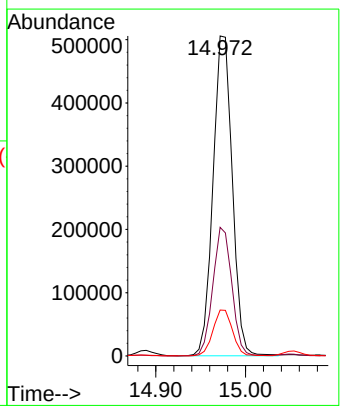


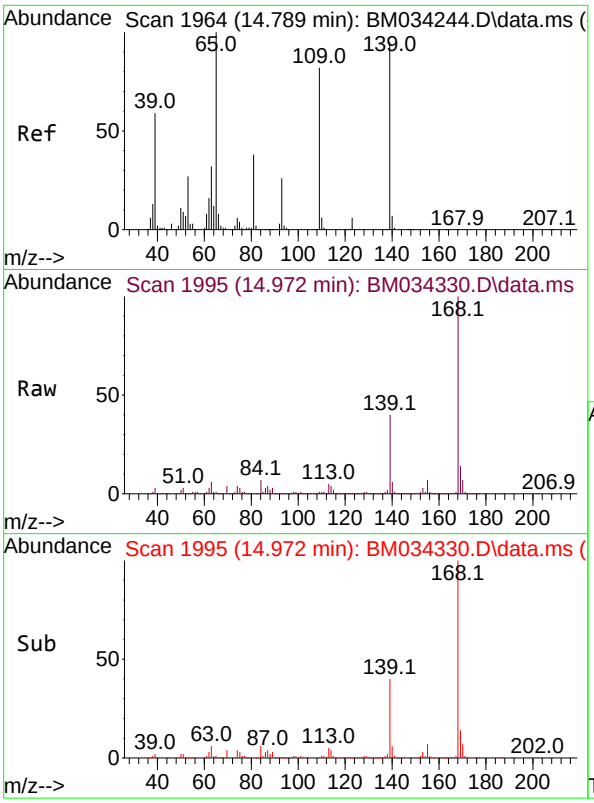


#55
Dibenzofuran
Concen: 22.047 ng
RT: 14.972 min Scan# 1995
Delta R.T. -0.017 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:168 Resp: 754959

Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.4	48.6
169	14.4	10.8	16.2



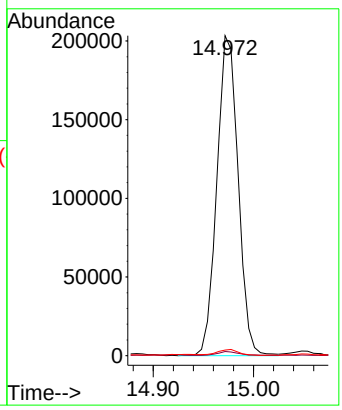


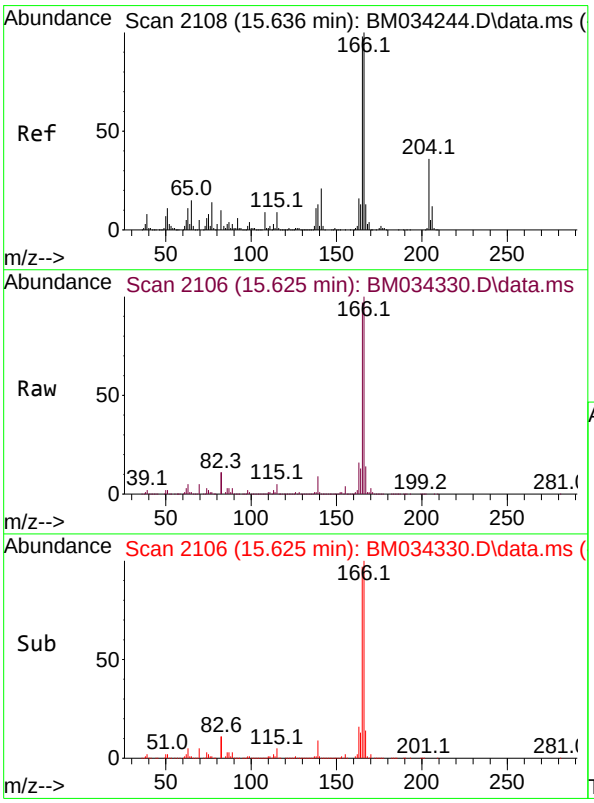
#56
4-Nitrophenol
Concen: 63.077 ng
RT: 14.972 min Scan# 1
Delta R.T. 0.183 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:139 Resp: 299501

Ion	Ratio	Lower	Upper
139	100		
109	1.3	66.3	106.3#
65	1.7	85.5	125.5#

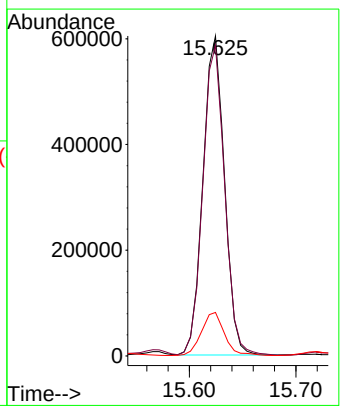


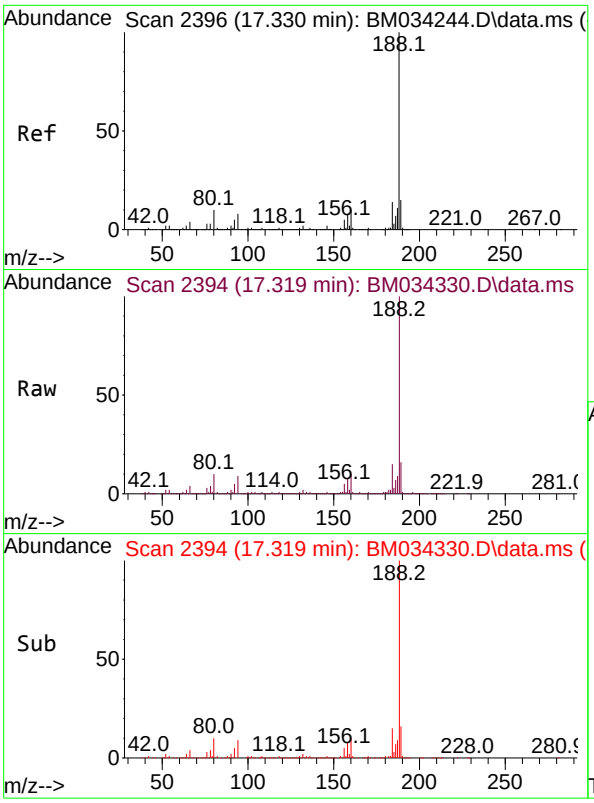


#58
Fluorene
Concen: 30.458 ng
RT: 15.625 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:166 Resp: 846713

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.0	117.0
167	13.6	10.5	15.7



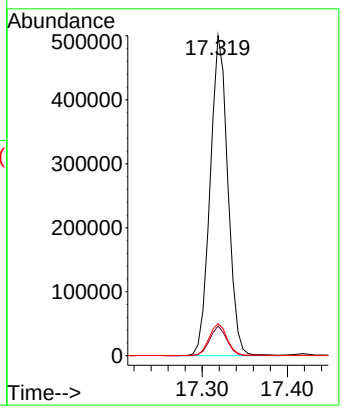


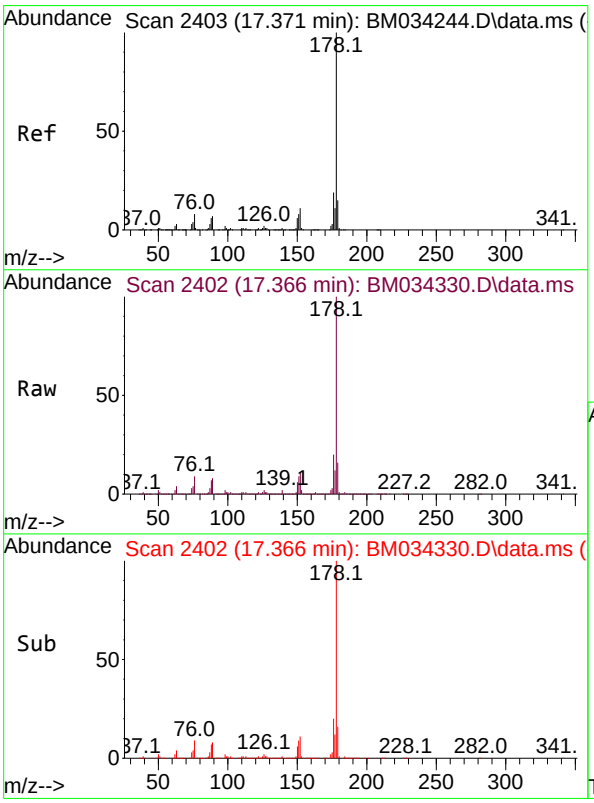
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:188 Resp: 723110

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	9.8
80	10.0	7.8	11.8

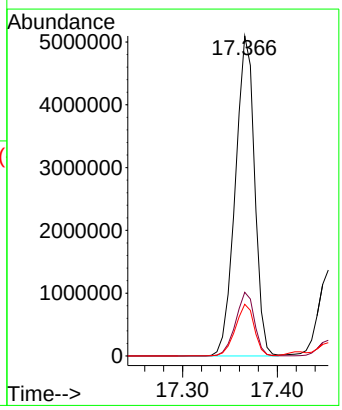


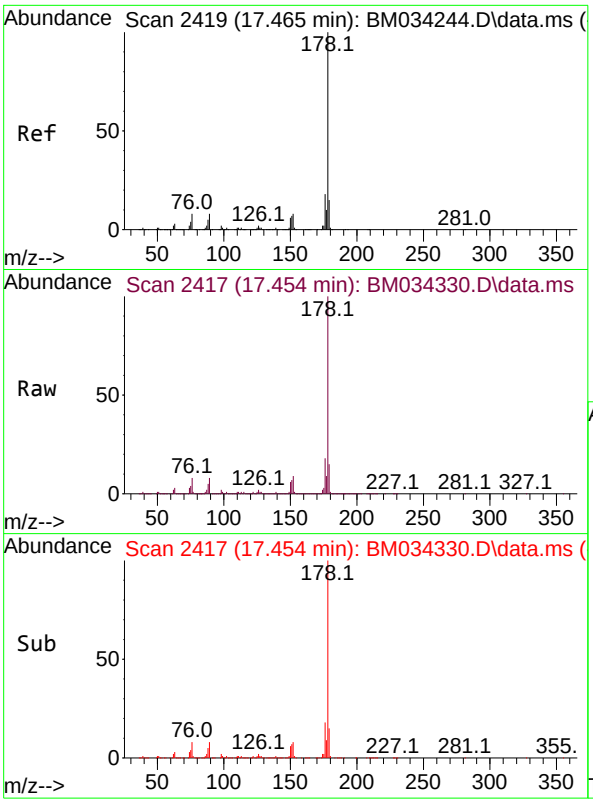


#71
Phenanthrene
Concen: 177.634 ng
RT: 17.366 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:178 Resp: 7193401

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	16.1	12.2	18.4



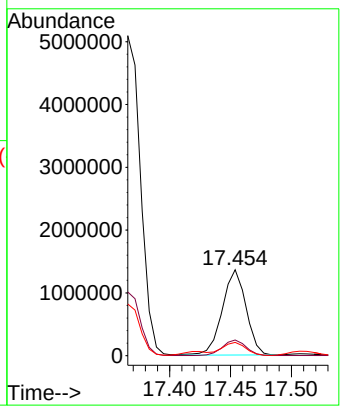


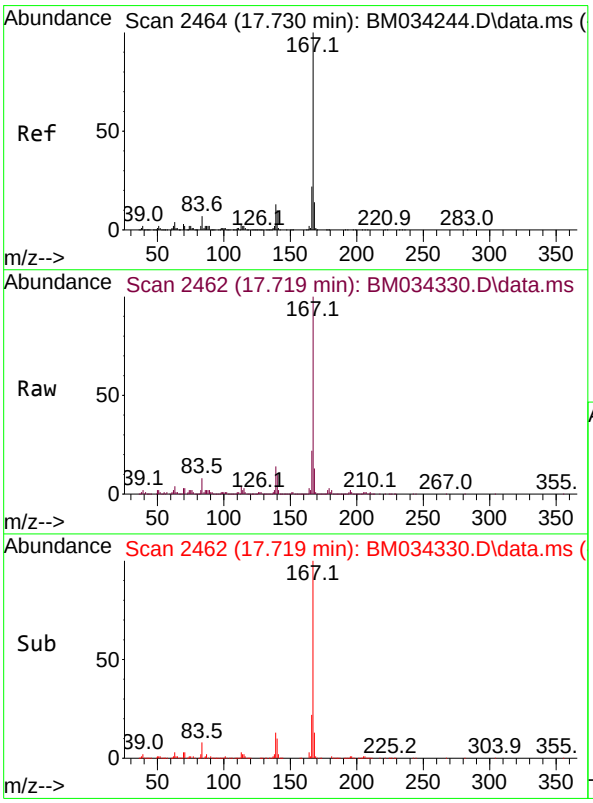
#72
Anthracene
Concen: 46.813 ng
RT: 17.454 min Scan# 24
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:178 Resp: 1845170

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.5	12.2	18.2

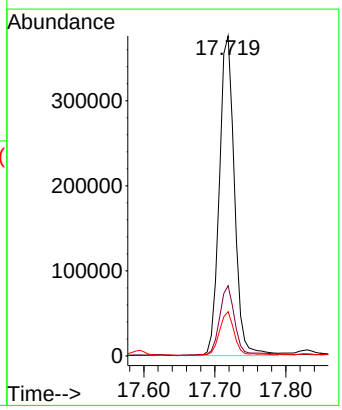


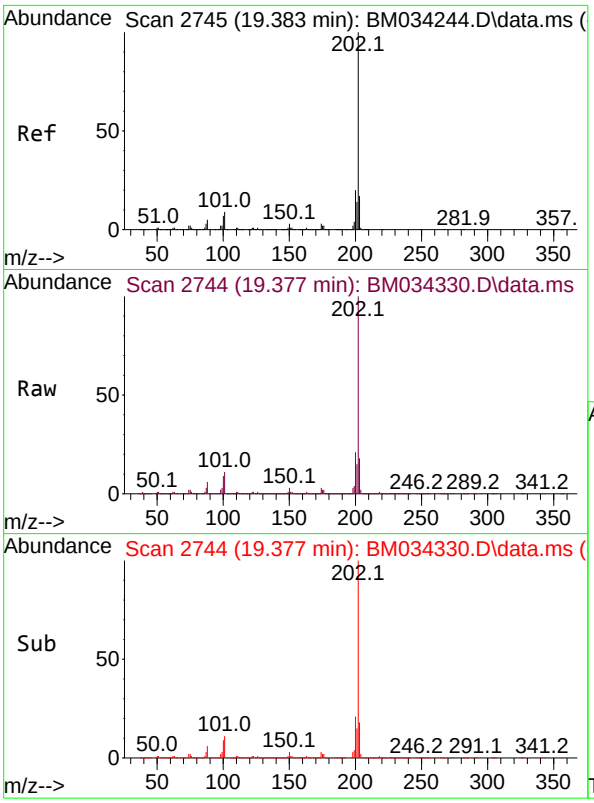


#73
Carbazole
Concen: 15.080 ng
RT: 17.719 min Scan# 2462
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:167 Resp: 554342

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.9	10.4	15.6



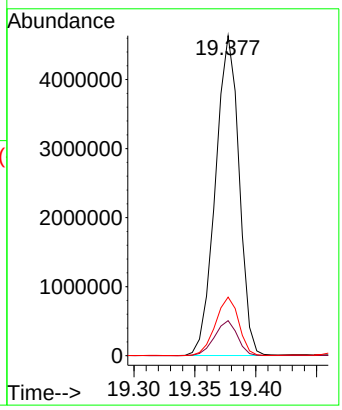


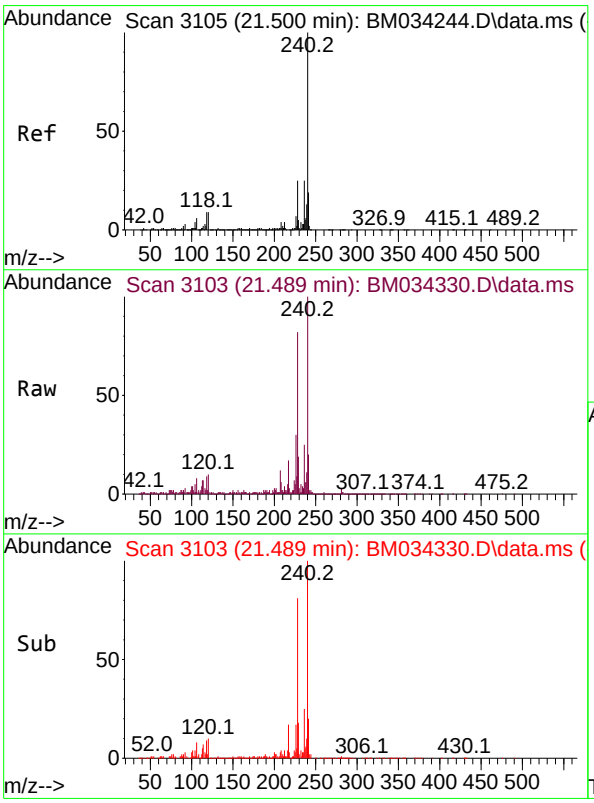
#75
Fluoranthene
Concen: 138.243 ng
RT: 19.377 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:202 Resp: 6275804

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.4
203	18.3	0.0	37.1

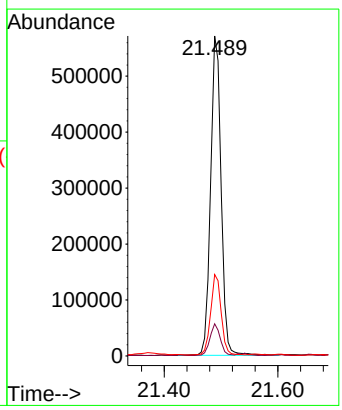


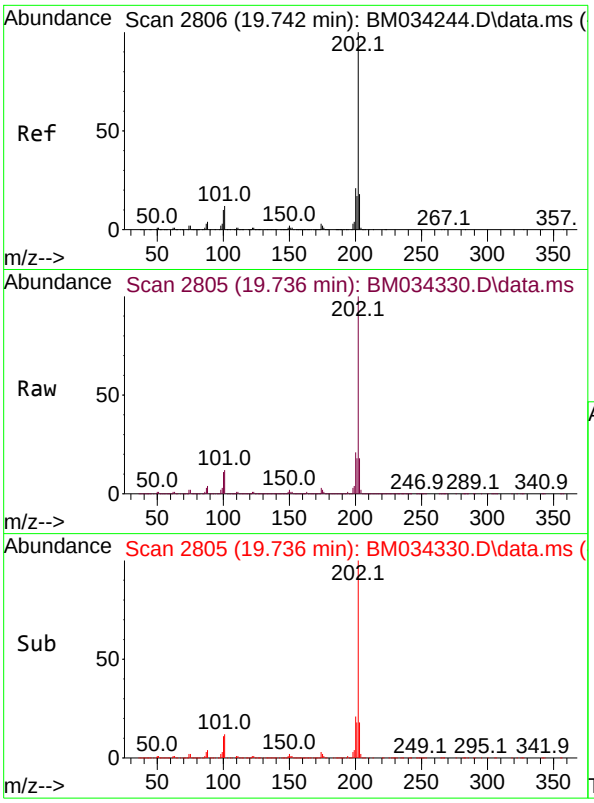


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:240 Resp: 729958

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.3	10.9
236	25.5	20.2	30.2



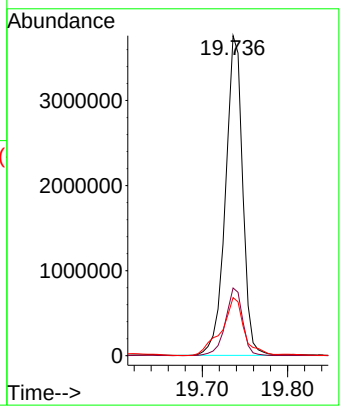


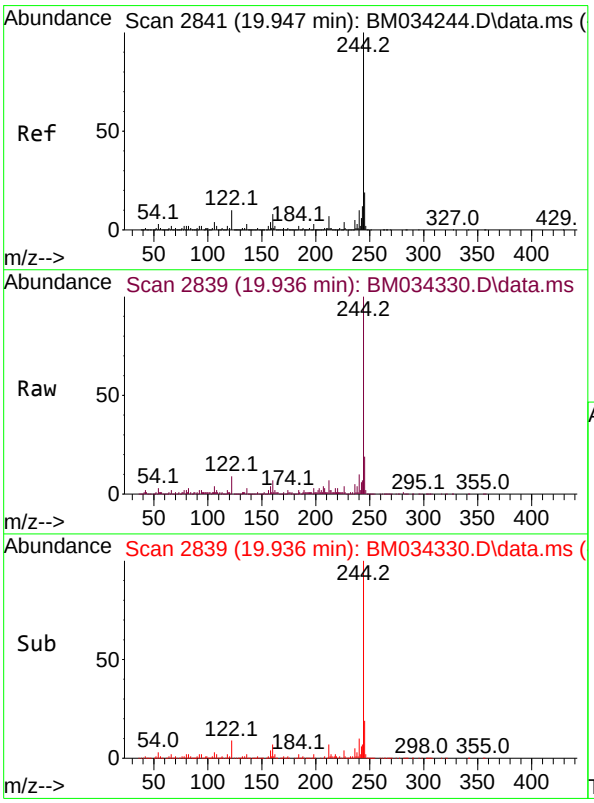
#78
Pyrene
Concen: 102.225 ng
RT: 19.736 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:202 Resp: 5257385

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	18.1	14.1	21.1

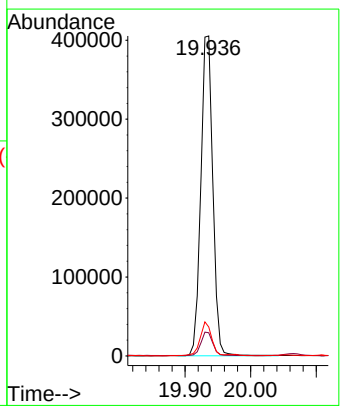


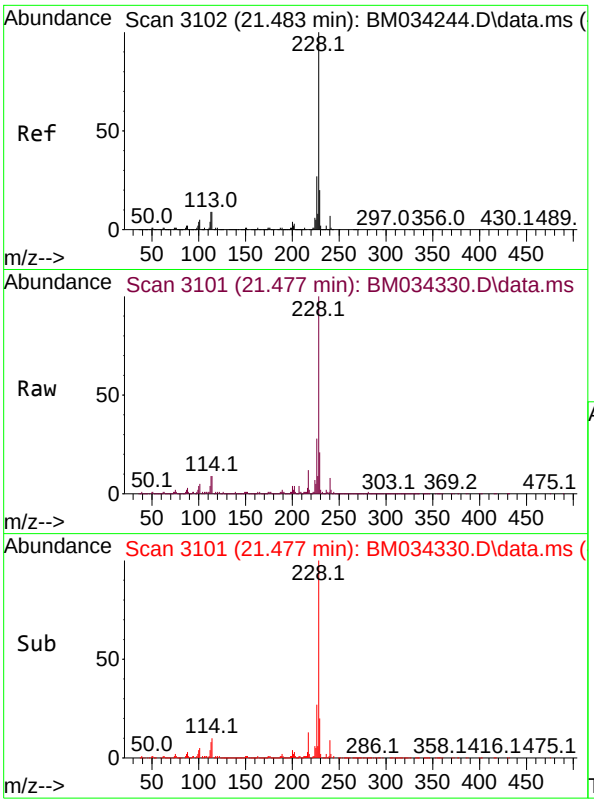


#79
Terphenyl-d14
Concen: 12.310 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:244 Resp: 517135

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.1	7.8	11.8



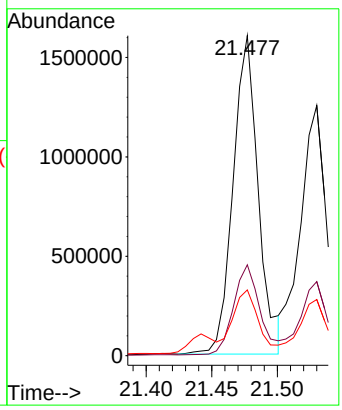


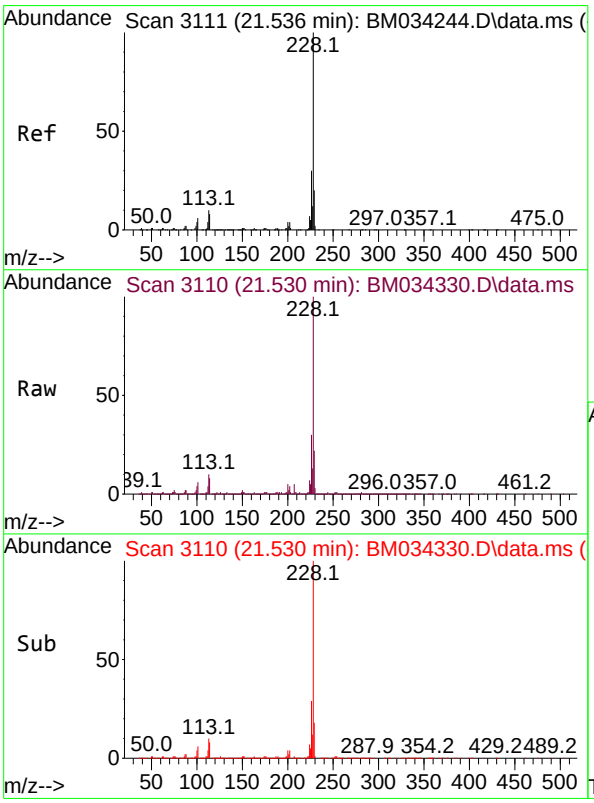
#81
Benzo(a)anthracene
Concen: 46.424 ng
RT: 21.477 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:228 Resp: 2138844

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.6	32.4
229	20.6	15.8	23.6

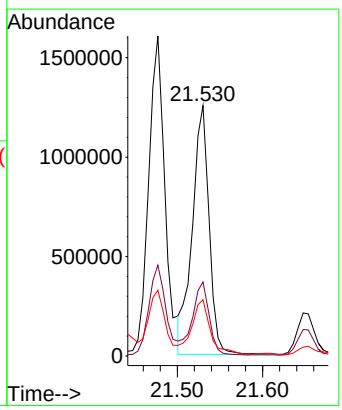


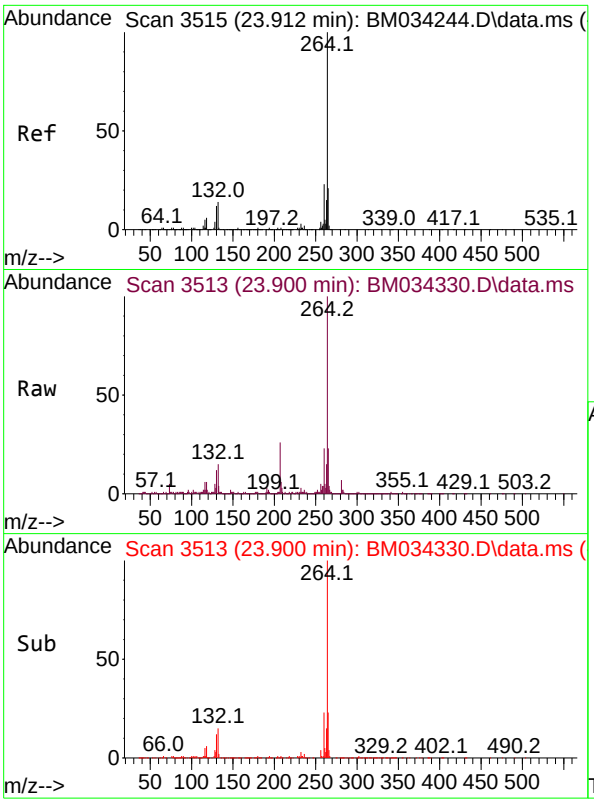


#83
Chrysene
Concen: 36.603 ng
RT: 21.530 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:228 Resp: 1722107

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	22.5	15.6	23.4



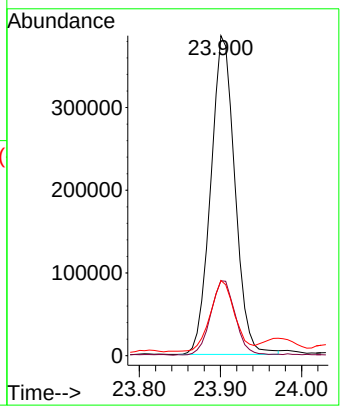


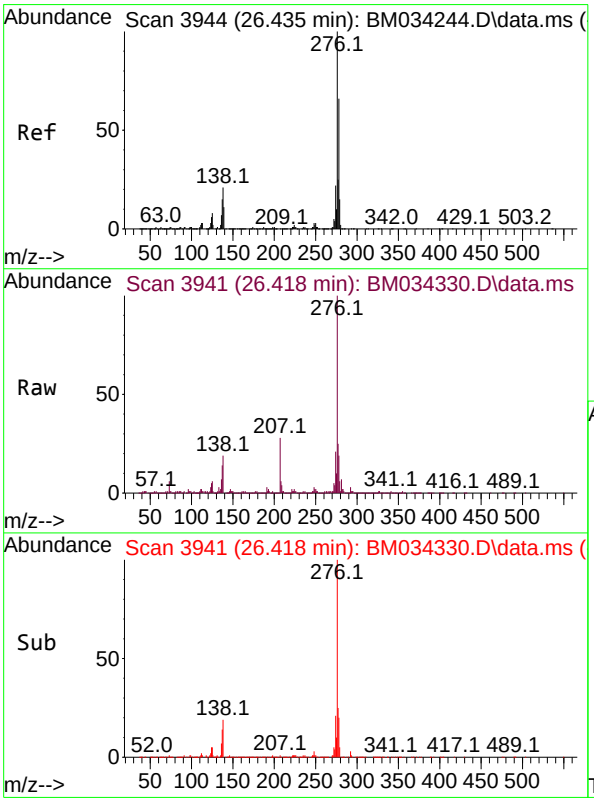
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.900 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:264 Resp: 796546

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	23.5	17.6	26.4

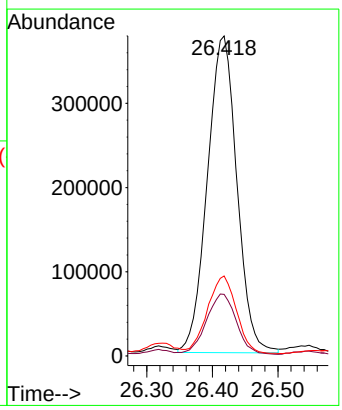


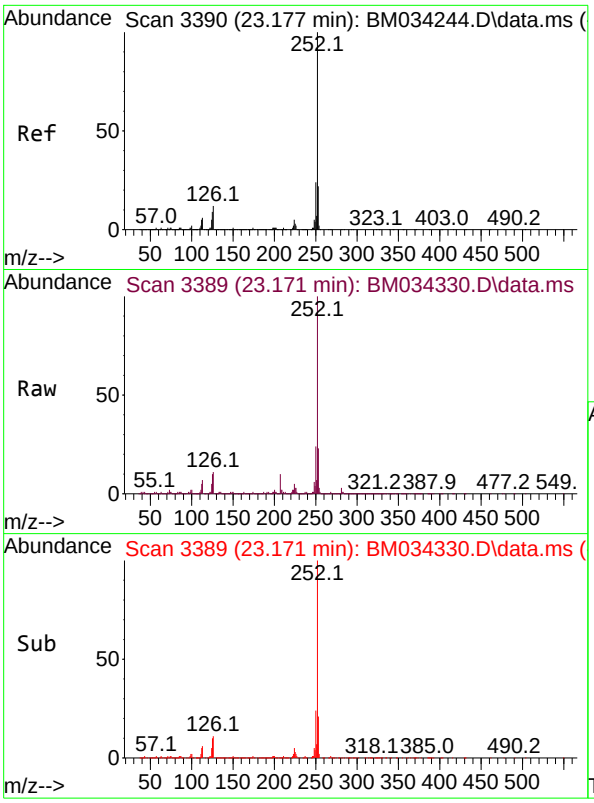


#87
Indeno(1,2,3-cd)pyrene
Concen: 22.975 ng
RT: 26.418 min Scan# 3941
Delta R.T. -0.017 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:276 Resp: 1177274

Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.6	25.0
277	24.0	19.8	29.6



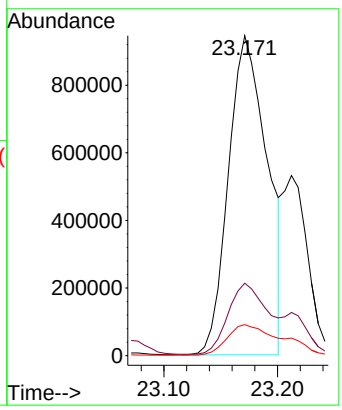


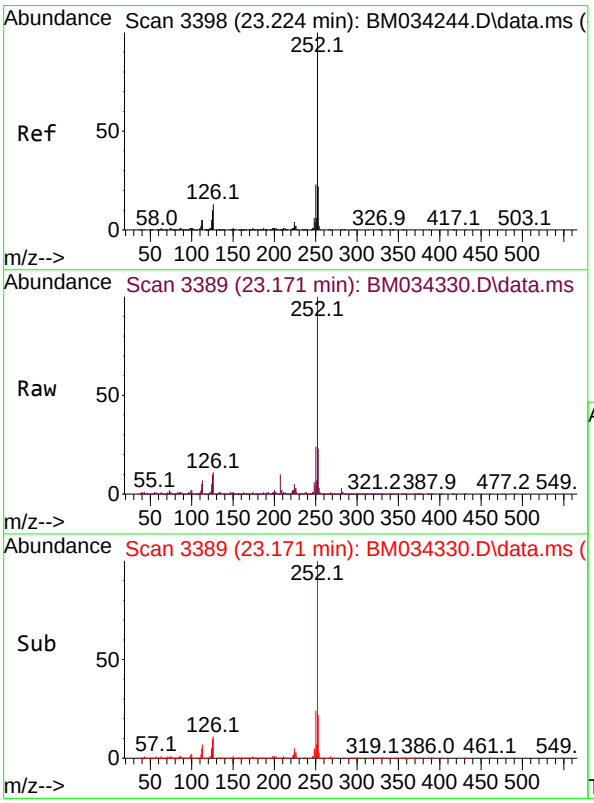
#88
Benzo(b)fluoranthene
Concen: 47.115 ng
RT: 23.171 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:252 Resp: 2244154

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.7	7.2	10.8

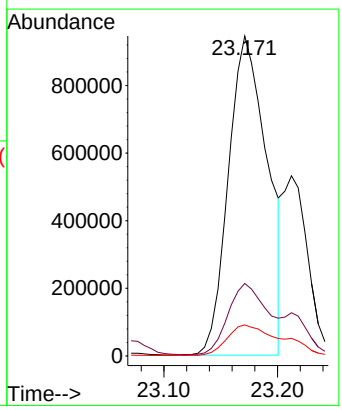


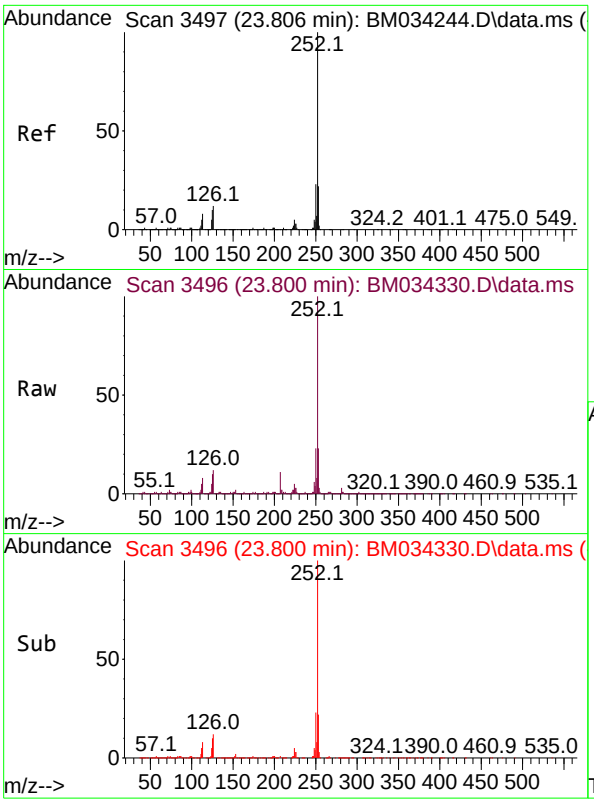


#89
Benzo(k)fluoranthene
Concen: 44.476 ng
RT: 23.171 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:252 Resp: 2244154

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.7	7.5	11.3



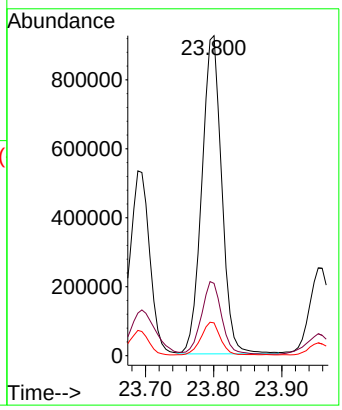


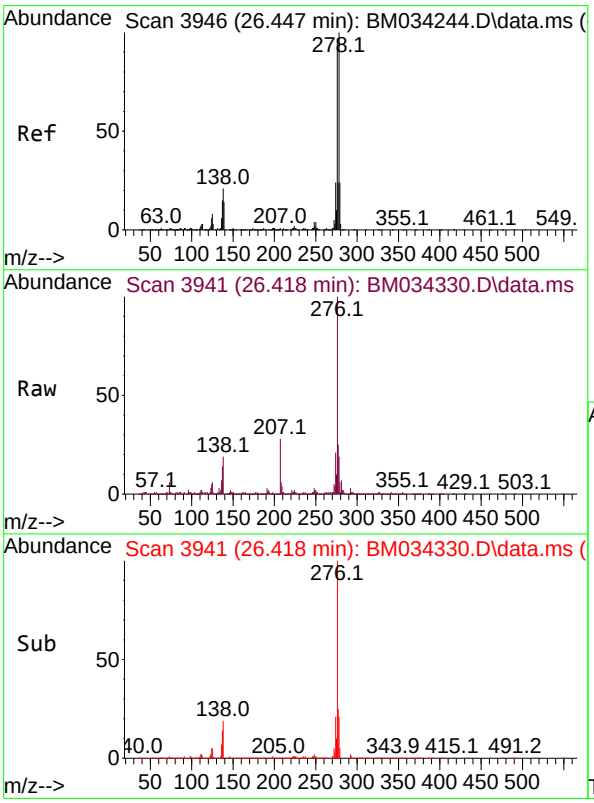
#90
Benzo(a)pyrene
Concen: 46.325 ng
RT: 23.800 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:252 Resp: 1870589

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.3	7.8	11.6

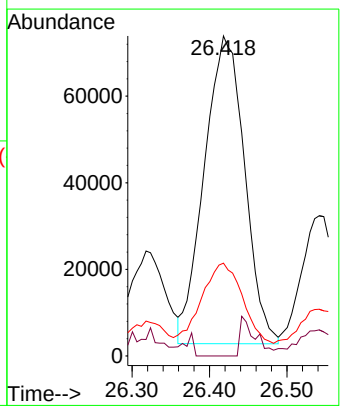


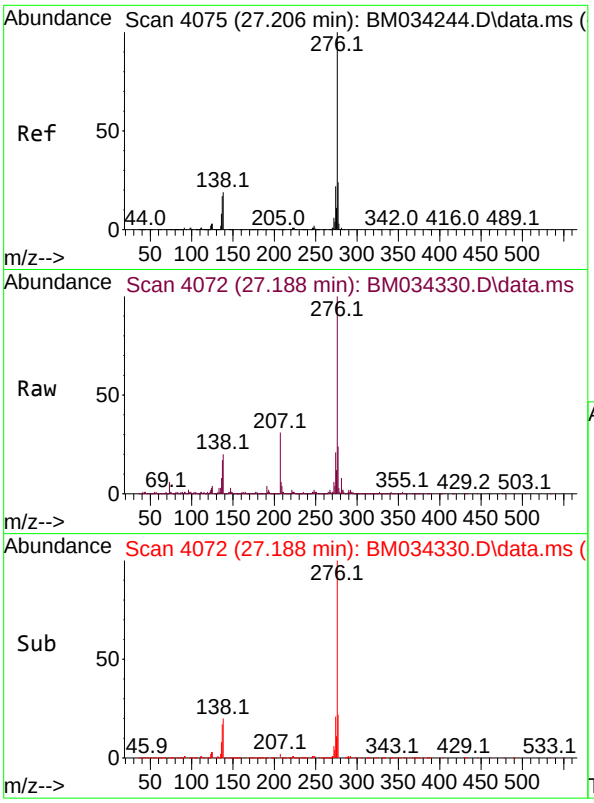


#91
Dibenzo(a,h)anthracene
Concen: 6.181 ng
RT: 26.418 min Scan# 3941
Delta R.T. -0.029 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Tgt Ion:278 Resp: 256807

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.2	16.8#
279	29.0	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 27.634 ng
RT: 27.188 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM034330.D
Acq: 23 Mar 2022 03:17

Instrument :
BNA_M
ClientSampleId :
C-17-16-17

Tgt Ion:276 Resp: 1188408

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	20.0	15.6	23.4