Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042701.D
Acq On : 10 Nov 2023 20:58
Operator : MA/JU
Sample : 05257-01DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 10 23:06:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	65166	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	254407	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	159666	20.000	ng		0.00
64) Phenanthrene-d10	17.256	188	299983	20.000	ng	#	0.00
76) Chrysene-d12	21.444	240	251204	20.000	ng	#	0.00
86) Perylene-d12	23.821	264	276622	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	160364	39.715	ng		0.00
7) Phenol-d6	7.016	99	220615	39.838	ng		0.00
23) Nitrobenzene-d5	9.051	82	161797	29.647	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	92696	44.468	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	354411	29.868	ng		0.00
79) Terphenyl-d14	19.874	244	376888	25.440	ng		0.00
Target Compounds							Qvalue
48) 2-Nitroaniline	13.651	65	61	4.366	ng	#	13
49) Acenaphthylene	14.233	152	95771	6.458	ng		99
56) 4-Nitrophenol	14.710	139	396	7.115	ng	#	1
57) 2,4-Dinitrotoluene	14.886	165	535	4.103	ng	#	36
58) Fluorene	15.551	166	26610	2.248	ng		98
62) 4-Nitroaniline	15.557	138	235	5.823	ng	#	12
71) Phenanthrene	17.298	178	343755	21.928	ng		99
72) Anthracene	17.392	178	104293	6.717	ng		99
75) Fluoranthene	19.315	202	793398	43.084	ng		97
78) Pyrene	19.686	202	749529	43.453	ng		99
81) Benzo(a)anthracene	21.427	228	413378	25.864	ng		97
83) Chrysene	21.480	228	419009	25.808	ng		96
87) Indeno(1,2,3-cd)pyrene	26.303	276	265916	16.151	ng	#	89
88) Benzo(b)fluoranthene	23.091	252	767701	49.815	ng		98
89) Benzo(k)fluoranthene	23.274	252	92347	5.378	ng		93
90) Benzo(a)pyrene	23.615	252	269880	17.787	ng		97
91) Dibenzo(a,h)anthracene	26.315	278	73830	8.577	ng		99
92) Benzo(g,h,i)perylene	27.085	276	251829	17.355	ng	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
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Misc :
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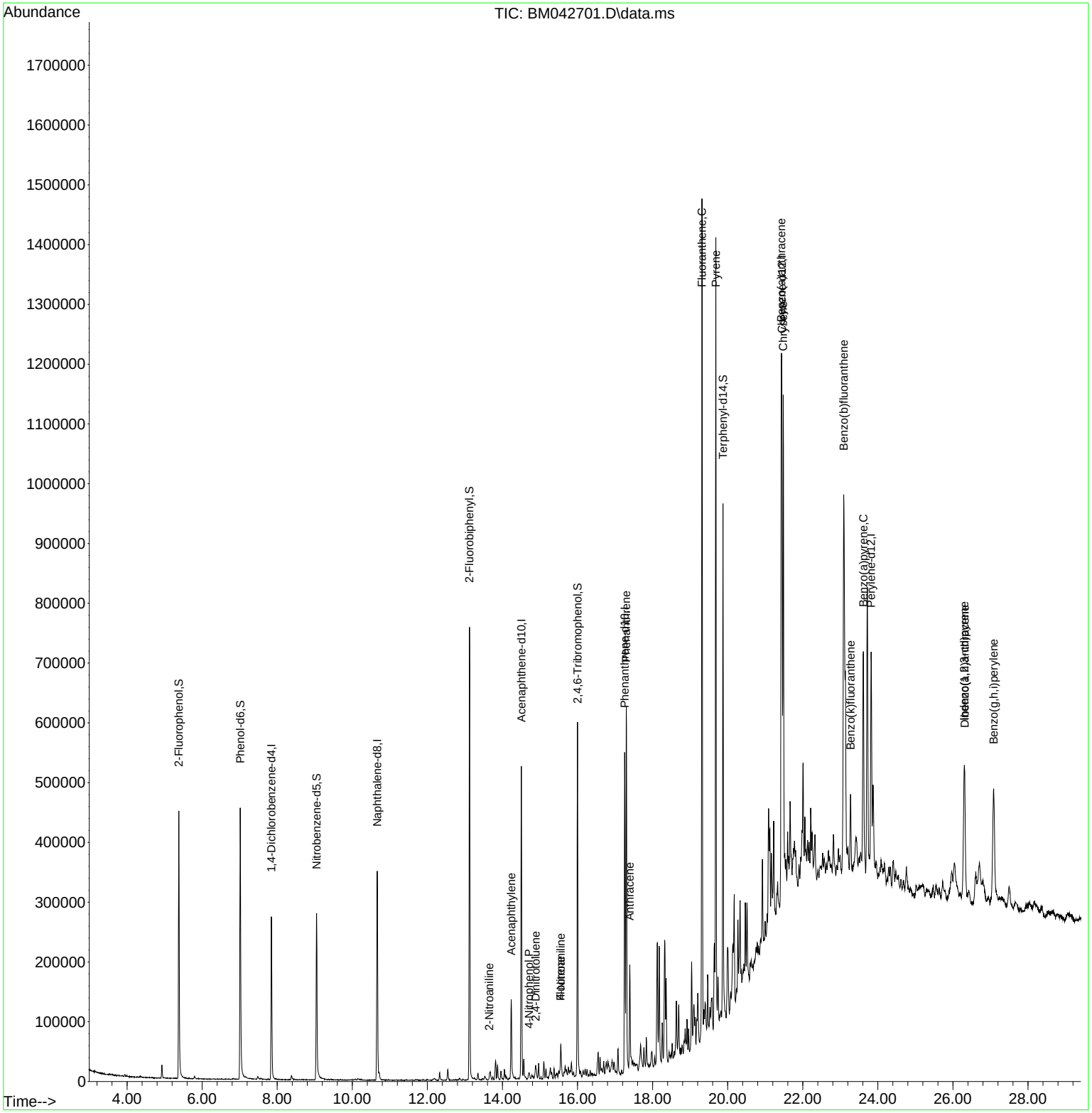
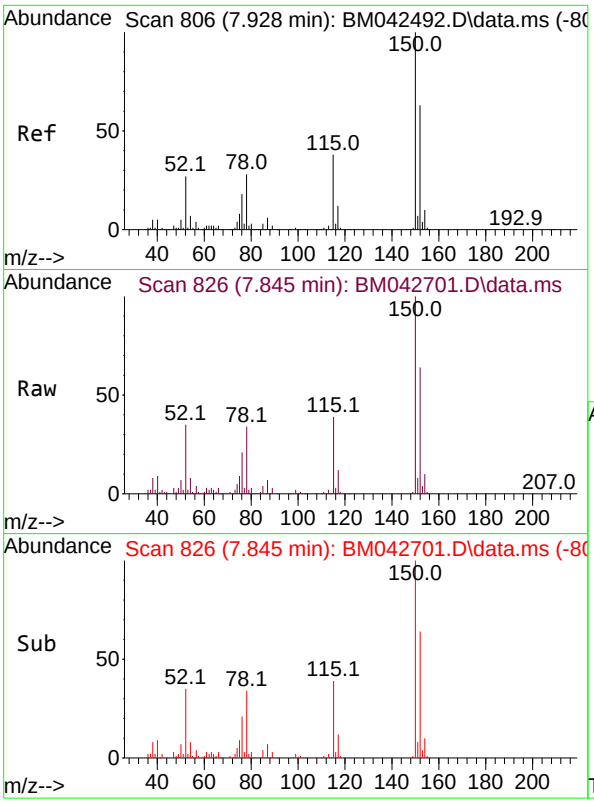
Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 10 23:06:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration



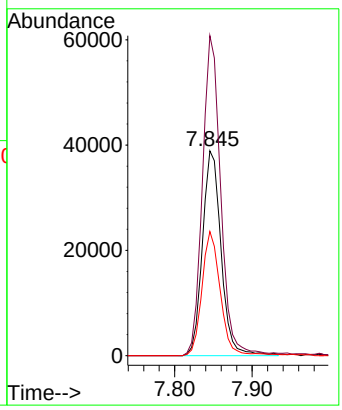


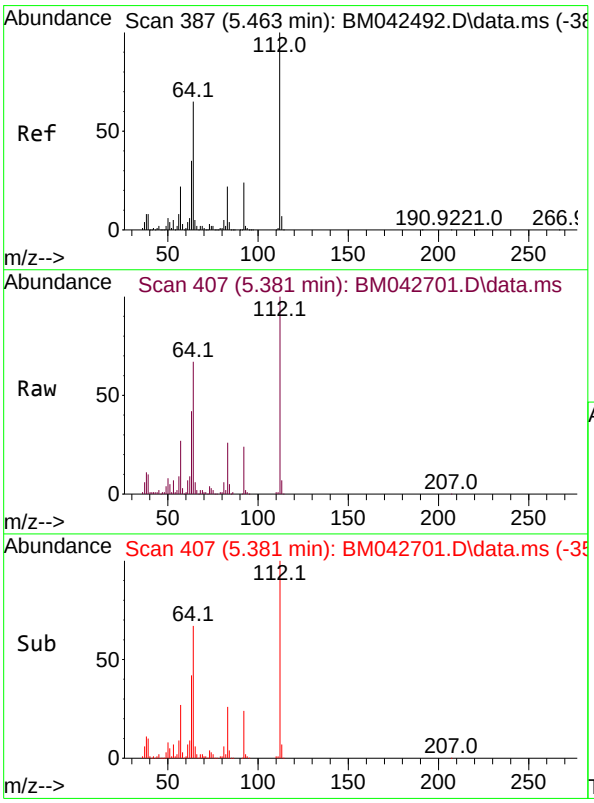
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 65166

Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	60.6	47.9	71.9

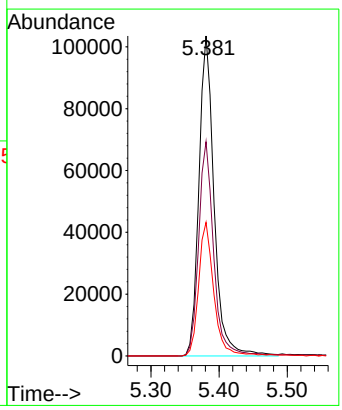


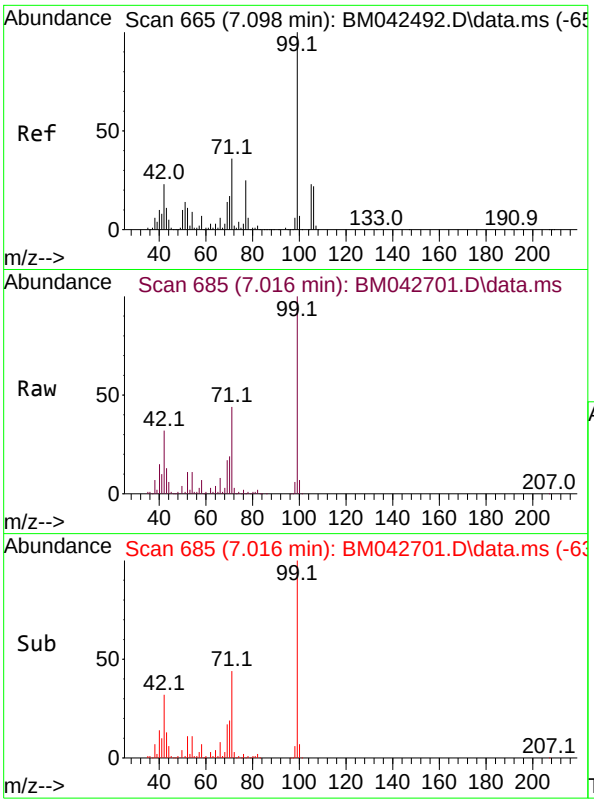


#5
2-Fluorophenol
Concen: 39.715 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:112 Resp: 160364

Ion	Ratio	Lower	Upper
112	100		
64	66.9	52.1	78.1
63	41.8	28.3	42.5



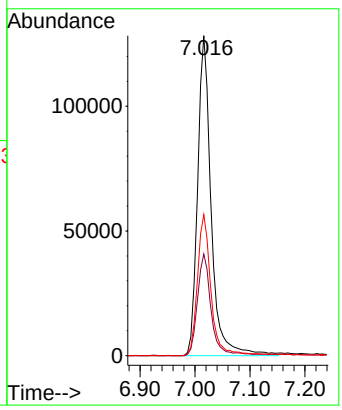


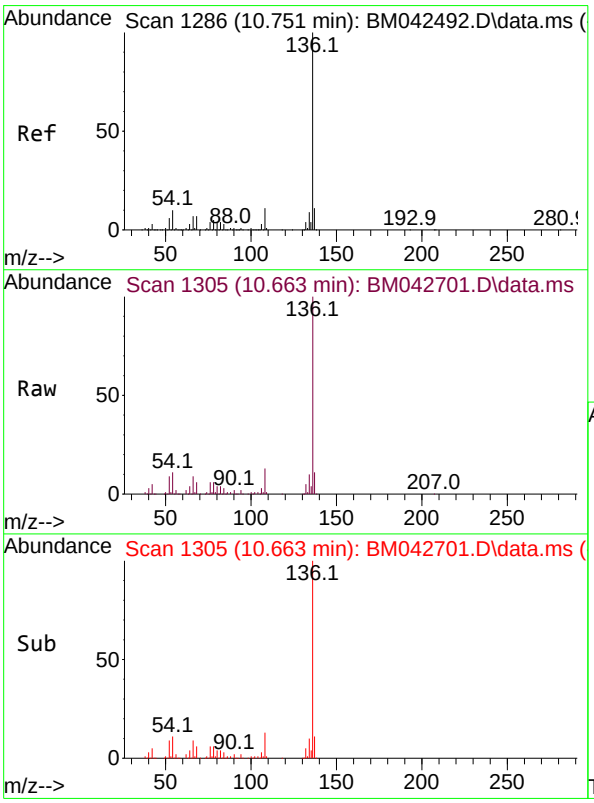
#7
Phenol-d6
Concen: 39.838 ng
RT: 7.016 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 220615

Ion	Ratio	Lower	Upper
99	100		
42	31.8	18.7	28.1#
71	44.1	29.1	43.7#

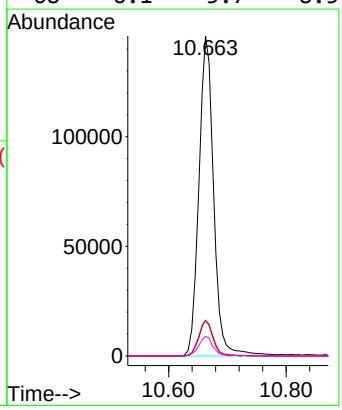


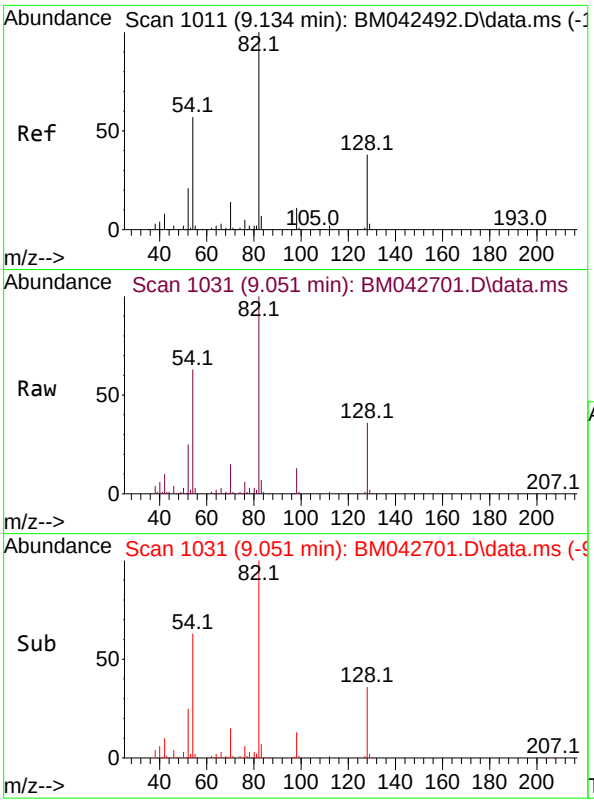


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:136 Resp: 254407

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.1	8.0	12.0
68	6.1	5.7	8.5



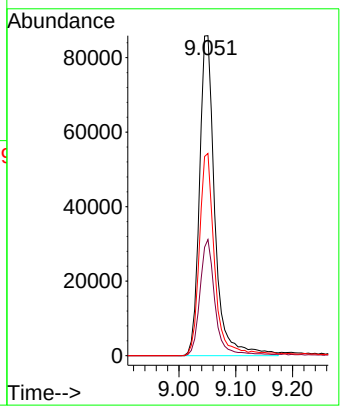


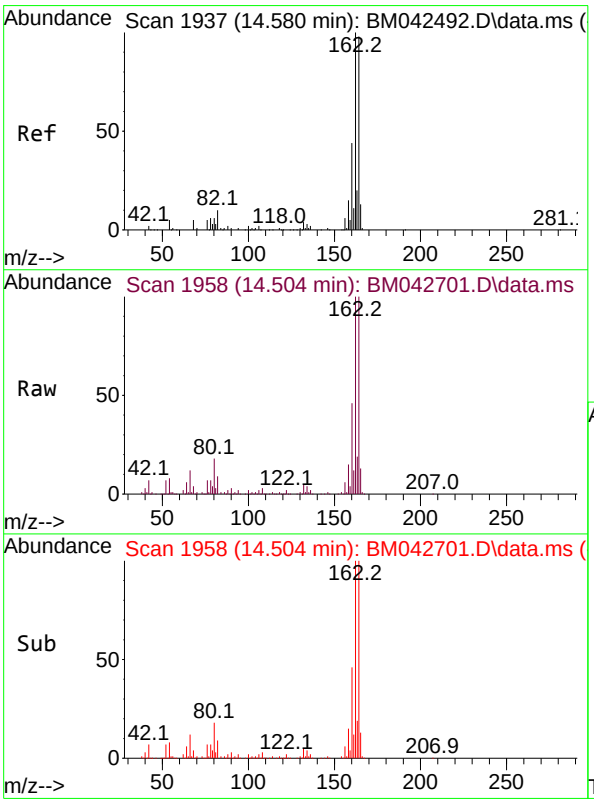
#23
Nitrobenzene-d5
Concen: 29.647 ng
RT: 9.051 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 161797

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.7	46.1
54	63.2	45.3	67.9

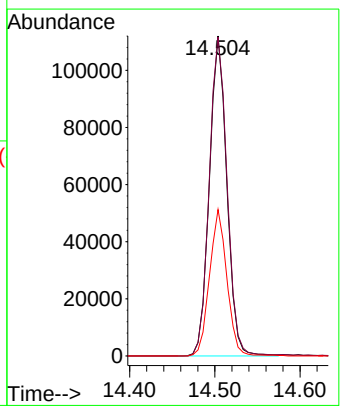


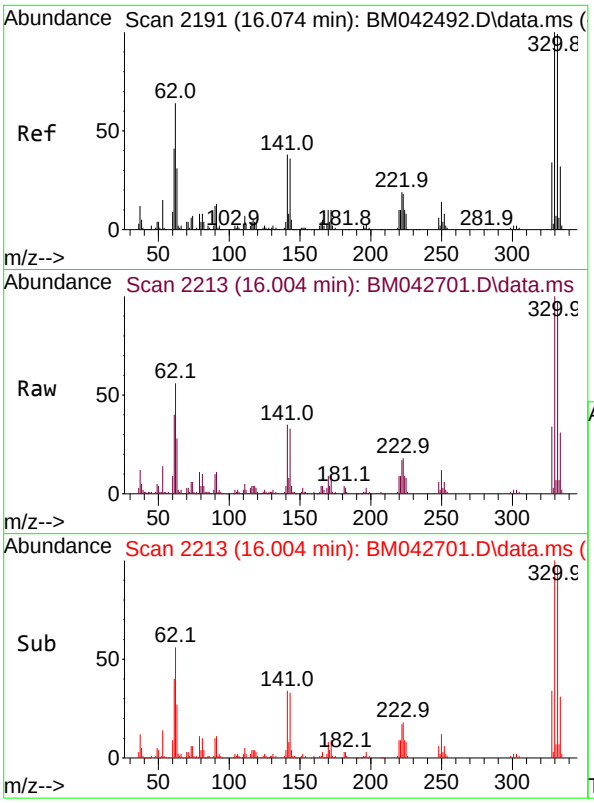


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:164 Resp: 159666

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.6	122.4
160	45.8	36.2	54.4



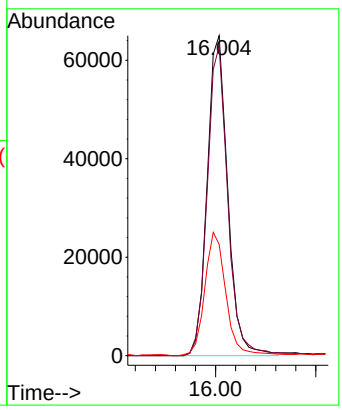


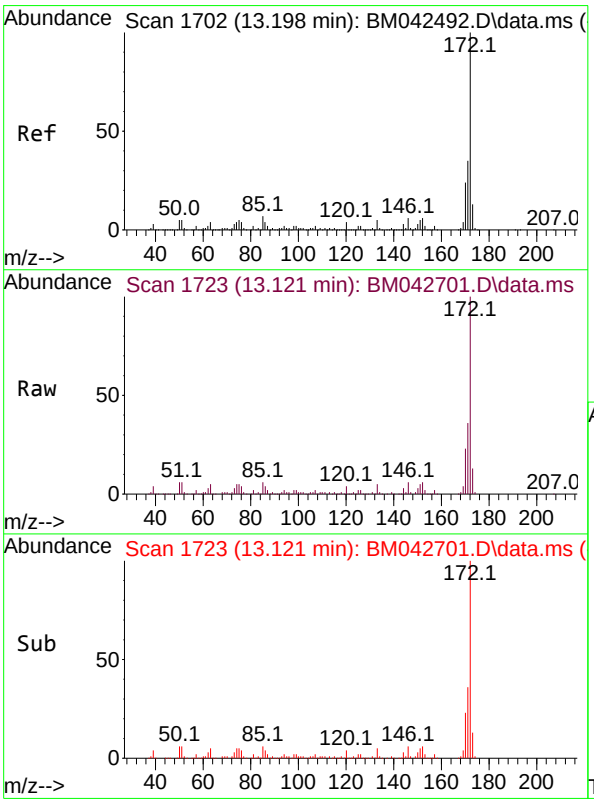
#42
2,4,6-Tribromophenol
Concen: 44.468 ng
RT: 16.004 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 92696

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.8	118.2
141	39.8	31.1	46.7

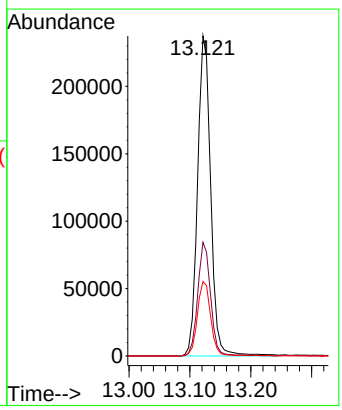


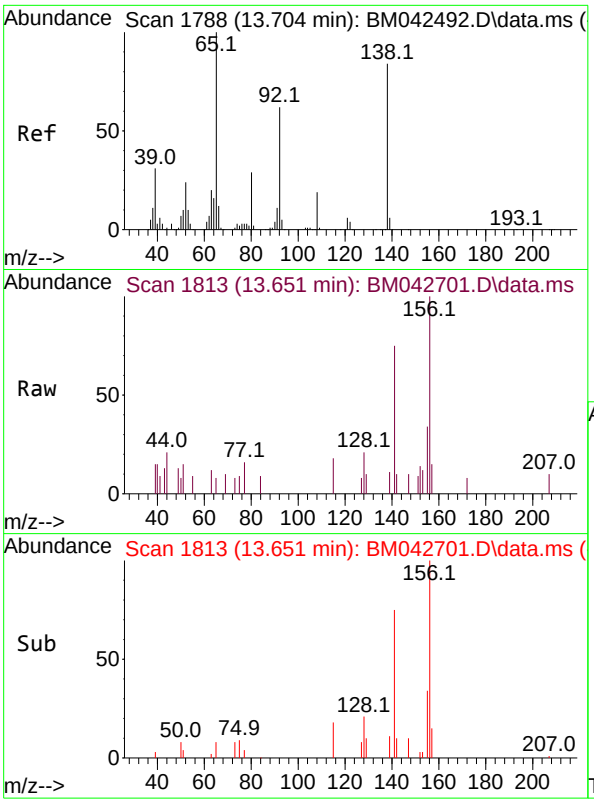


#45
2-Fluorobiphenyl
Concen: 29.868 ng
RT: 13.121 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:172 Resp: 354411

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.2	19.0	28.4



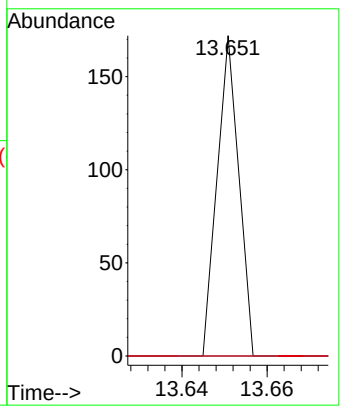


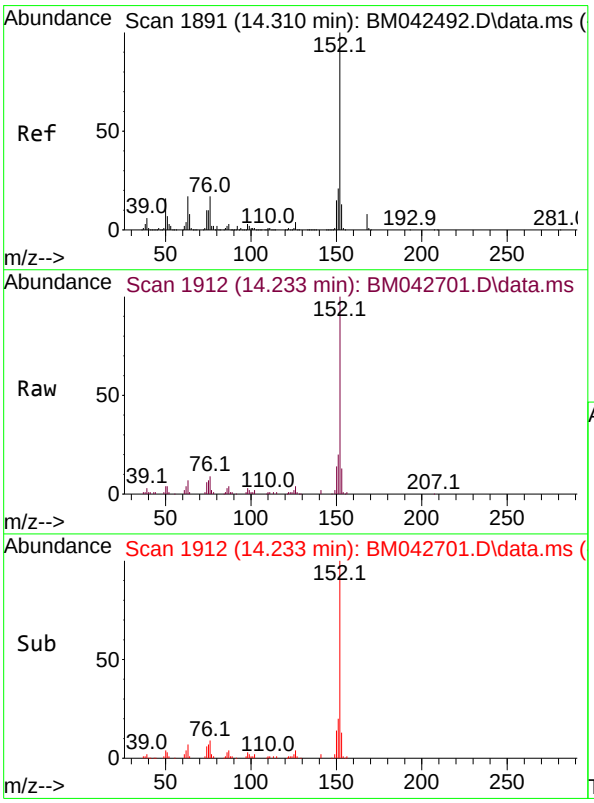
#48
2-Nitroaniline
Concen: 4.366 ng
RT: 13.651 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 61

Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.4	74.2#
138	0.0	66.9	100.3#

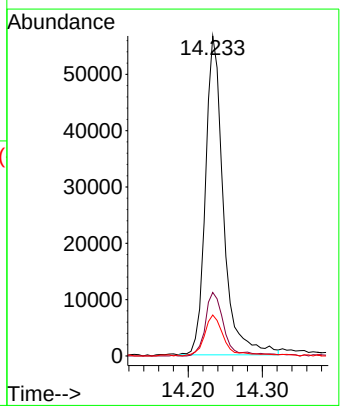


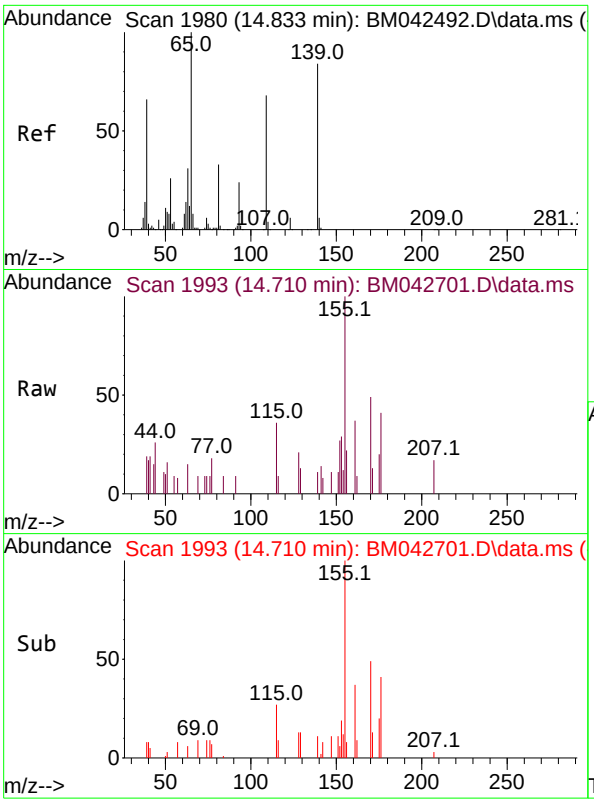


#49
Acenaphthylene
Concen: 6.458 ng
RT: 14.233 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:152 Resp: 95771

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6
153	12.8	10.4	15.6



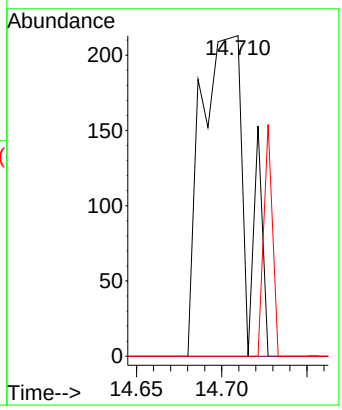


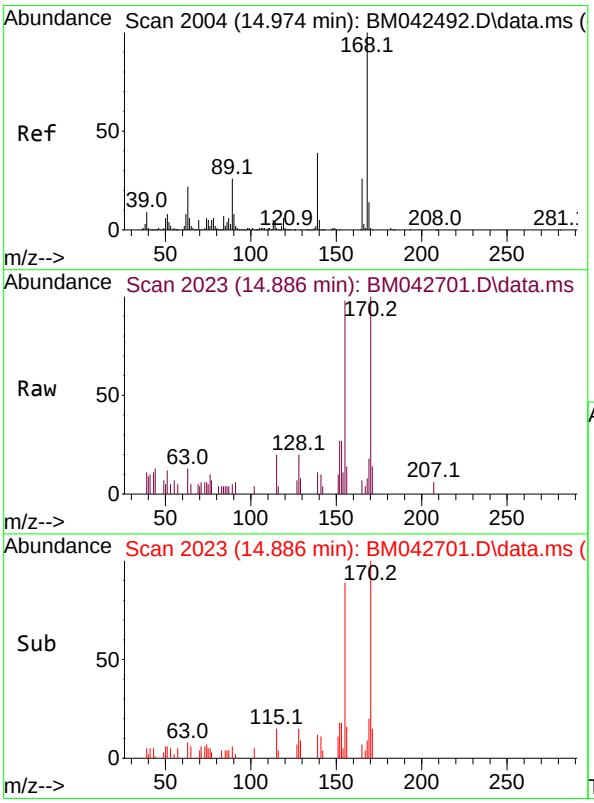
#56
4-Nitrophenol
Concen: 7.115 ng
RT: 14.710 min Scan# 1
Delta R.T. -0.047 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 396

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.3	101.3#
65	0.0	100.2	140.2#

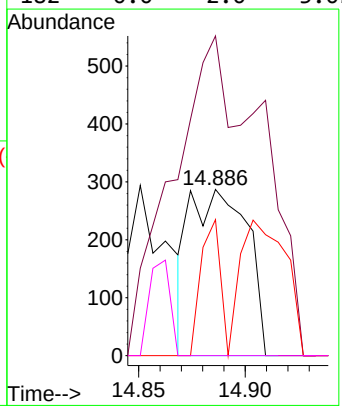


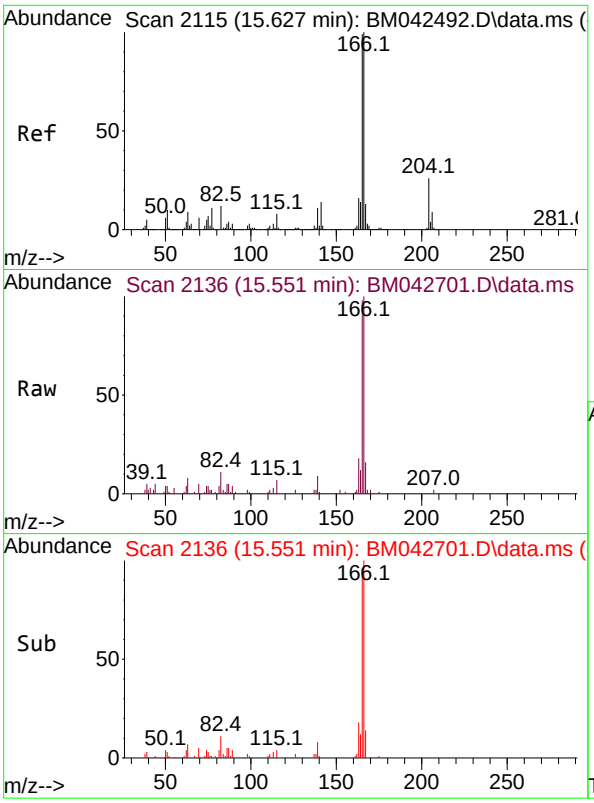


#57
2,4-Dinitrotoluene
Concen: 4.103 ng
RT: 14.886 min Scan# 2023
Delta R.T. -0.024 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:165 Resp: 535

Ion	Ratio	Lower	Upper
165	100		
63	192.3	66.7	100.1#
89	81.9	80.2	120.4
182	0.0	2.0	3.0#



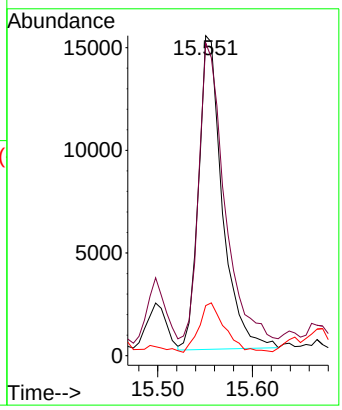


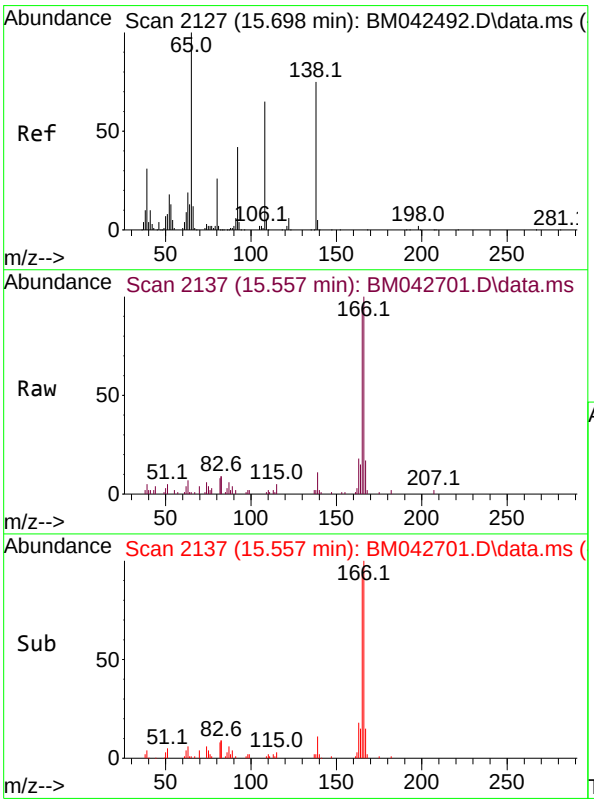
#58
Fluorene
Concen: 2.248 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 26610

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.3	118.9
167	15.6	10.5	15.7

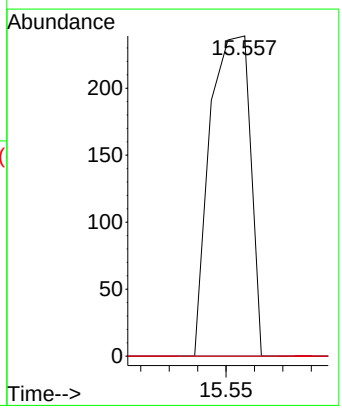


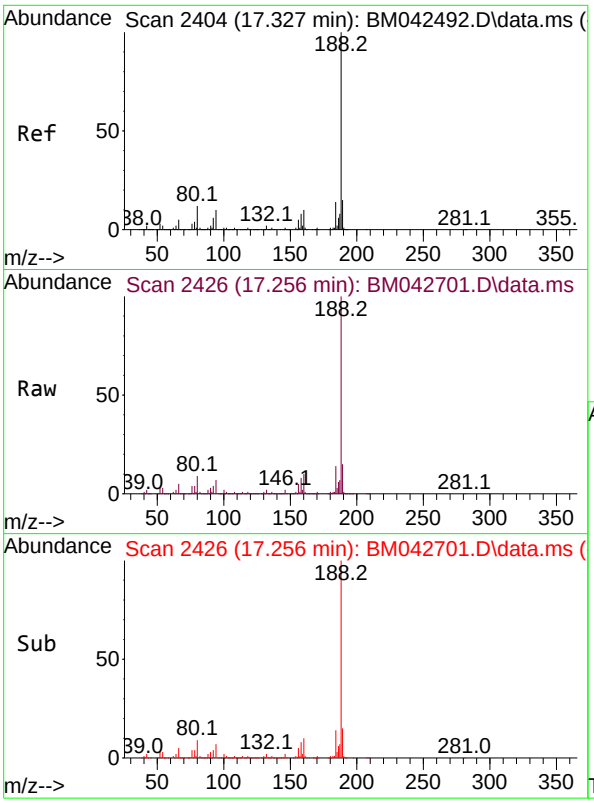


#62
4-Nitroaniline
Concen: 5.823 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.071 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:138 Resp: 235

Ion	Ratio	Lower	Upper
138	100		
92	0.0	37.0	77.0#
108	0.0	67.2	107.2#



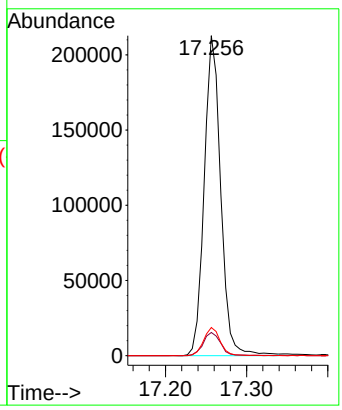


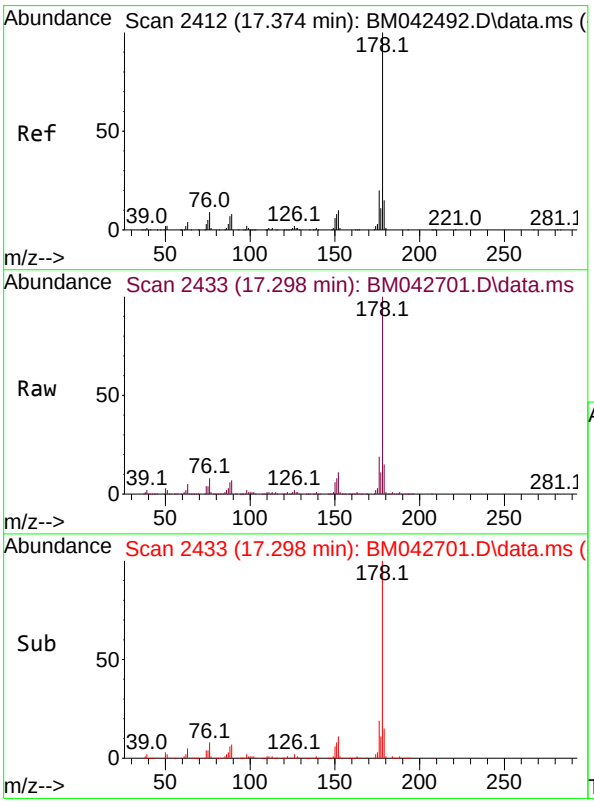
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 299983

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.2	12.4#
80	8.8	9.4	14.2#

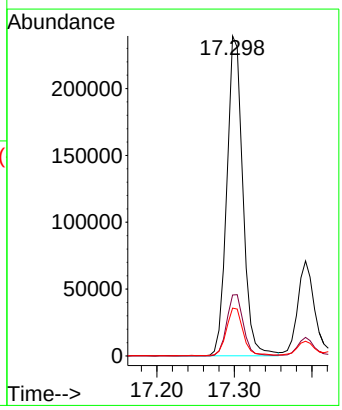


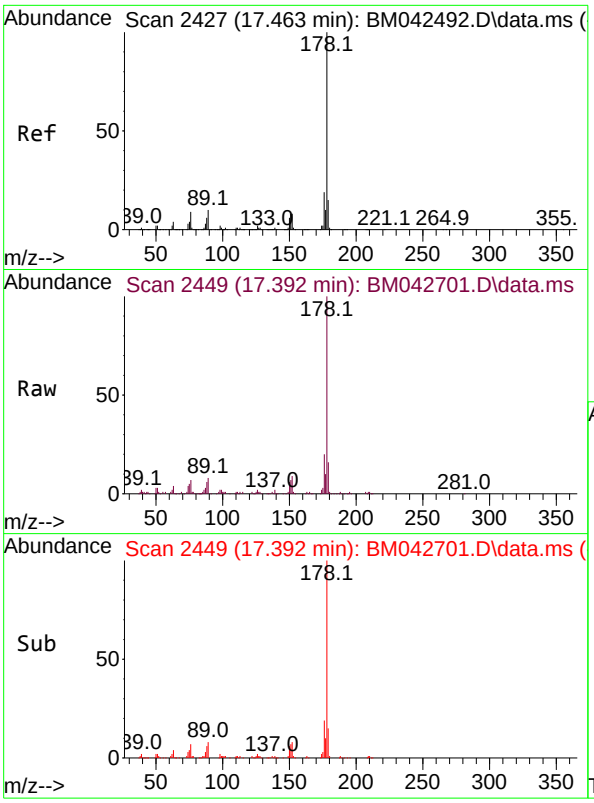


#71
Phenanthrene
Concen: 21.928 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:178 Resp: 343755

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.9	12.2	18.4



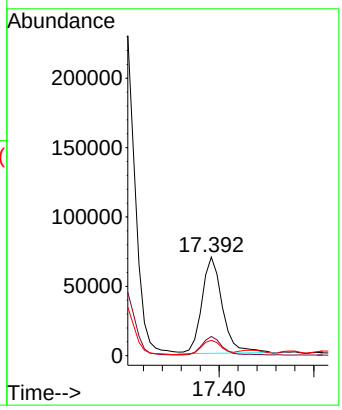


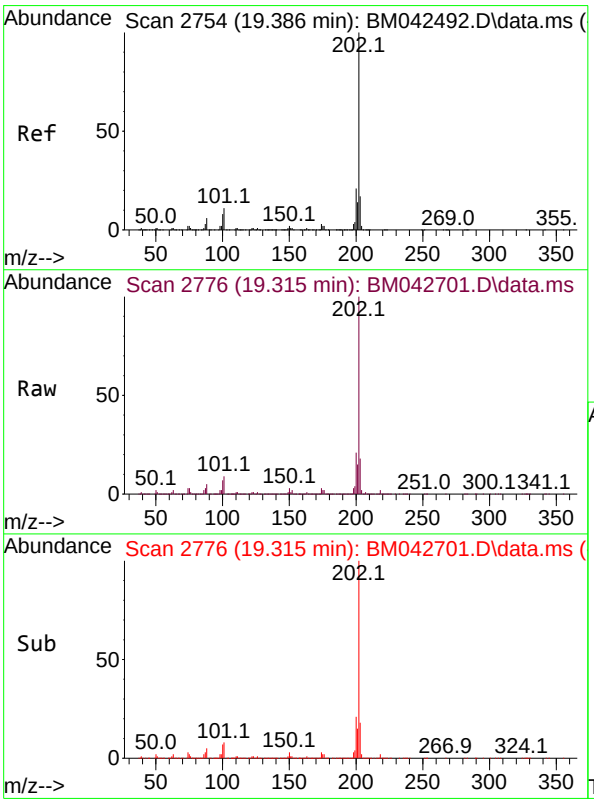
#72
Anthracene
Concen: 6.717 ng
RT: 17.392 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 104293

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.6	12.3	18.5

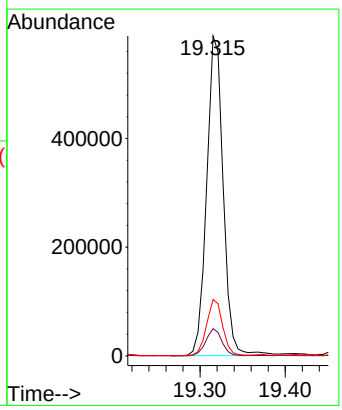


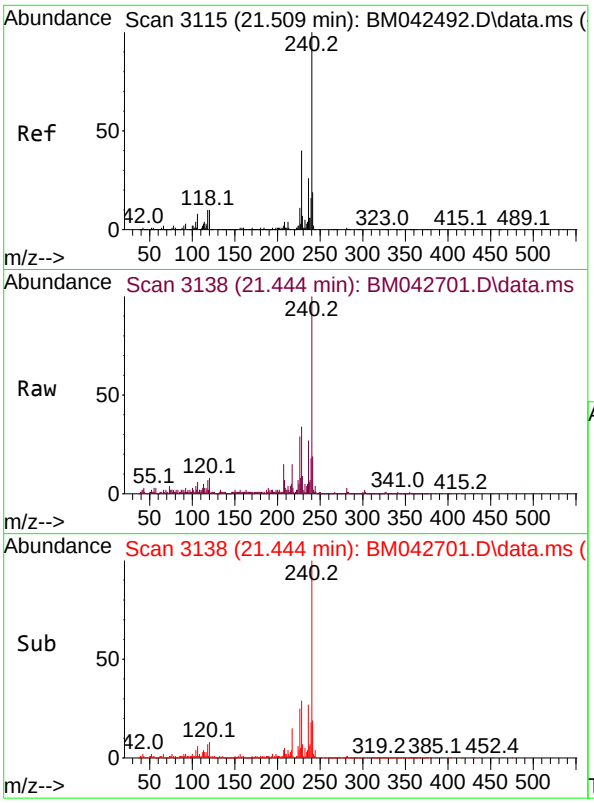


#75
Fluoranthene
Concen: 43.084 ng
RT: 19.315 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:202 Resp: 793398

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.5
203	17.7	0.0	37.0



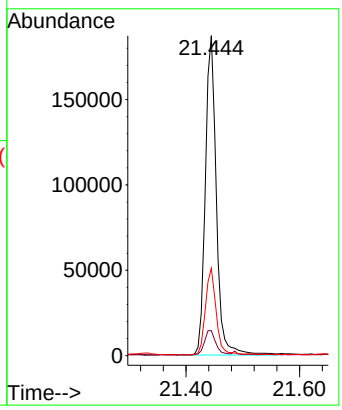


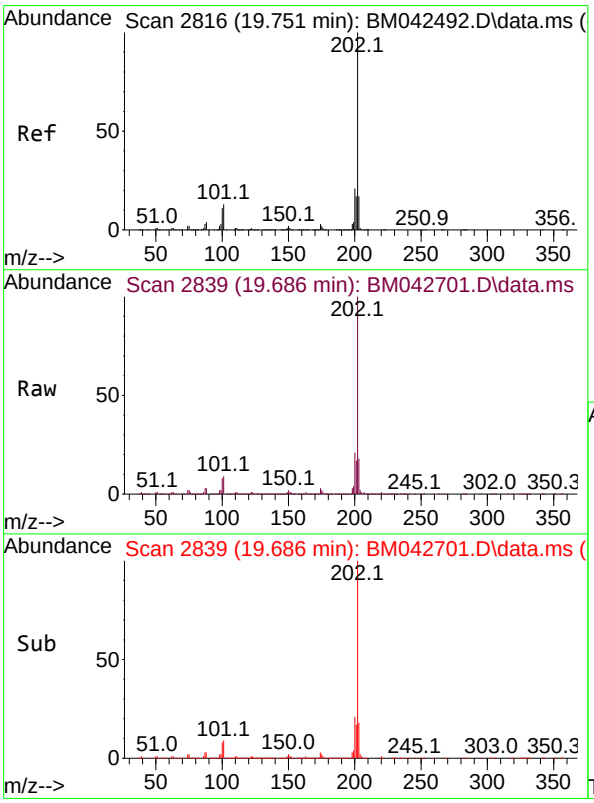
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 251204

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.3	12.5#
236	27.3	20.8	31.2

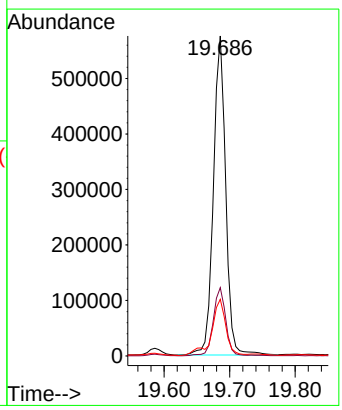


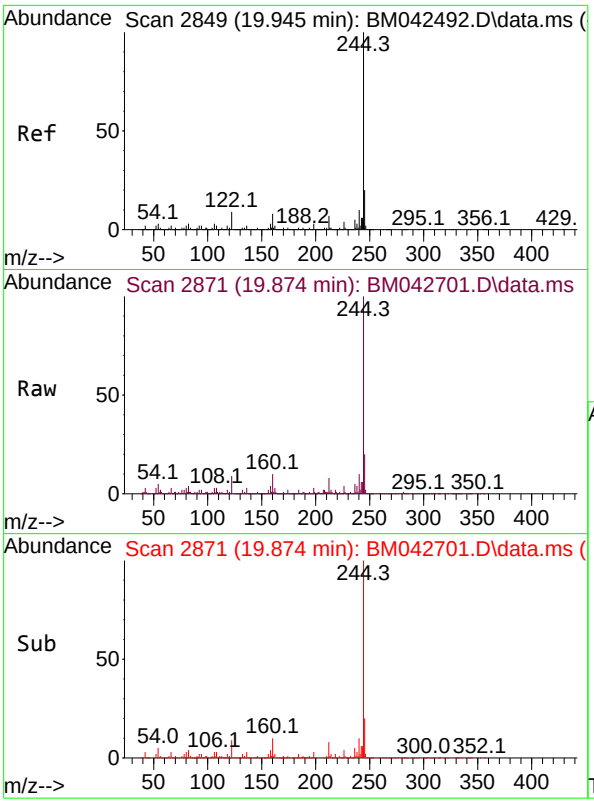


#78
Pyrene
Concen: 43.453 ng
RT: 19.686 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:202 Resp: 749529

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.7	13.7	20.5



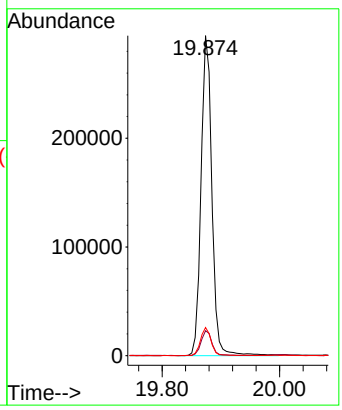


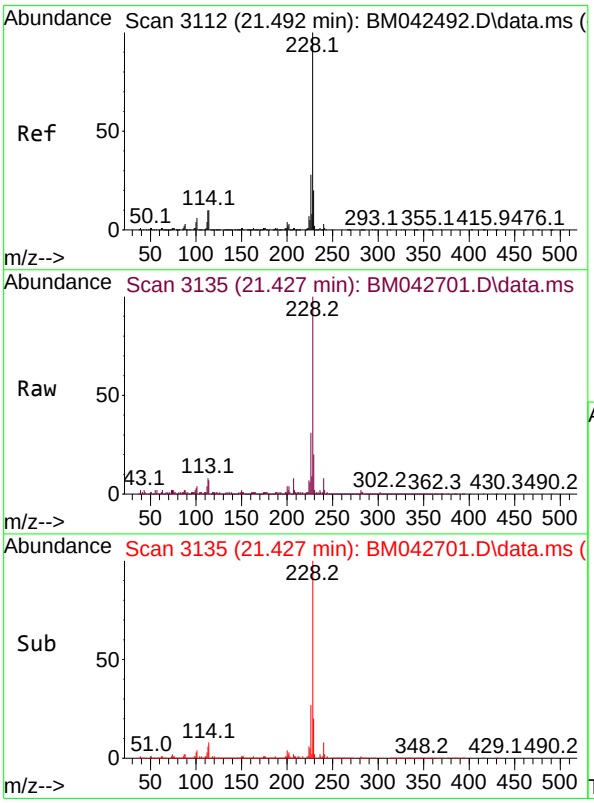
#79
Terphenyl-d14
Concen: 25.440 ng
RT: 19.874 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 376888

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	8.8	7.2	10.8

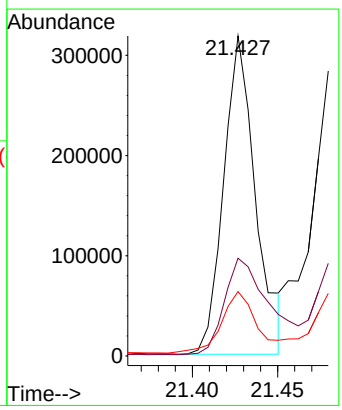


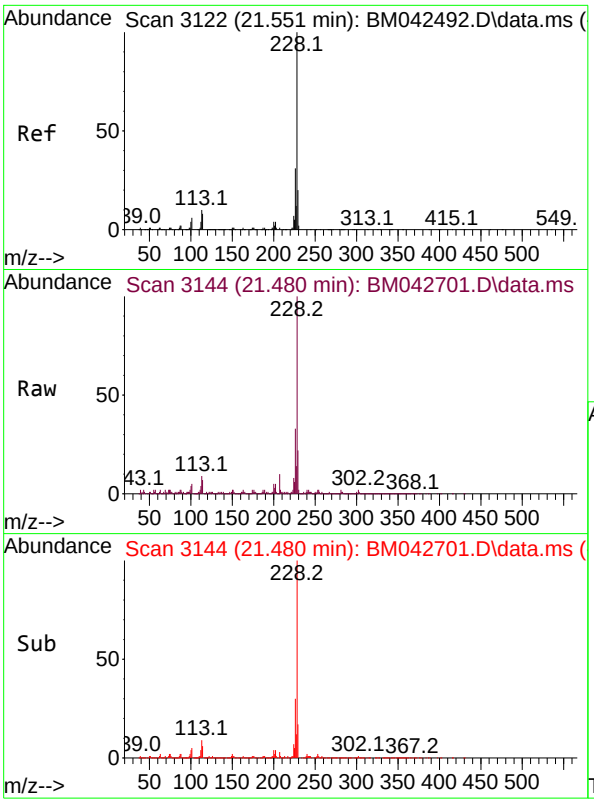


#81
Benzo(a)anthracene
Concen: 25.864 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:228 Resp: 413378

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.3	33.5
229	20.1	15.8	23.8



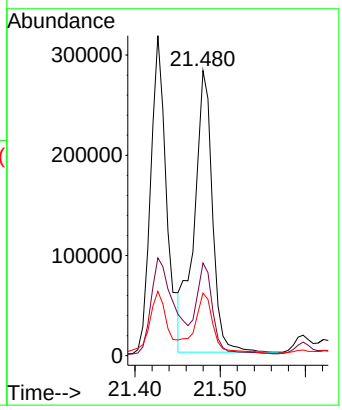


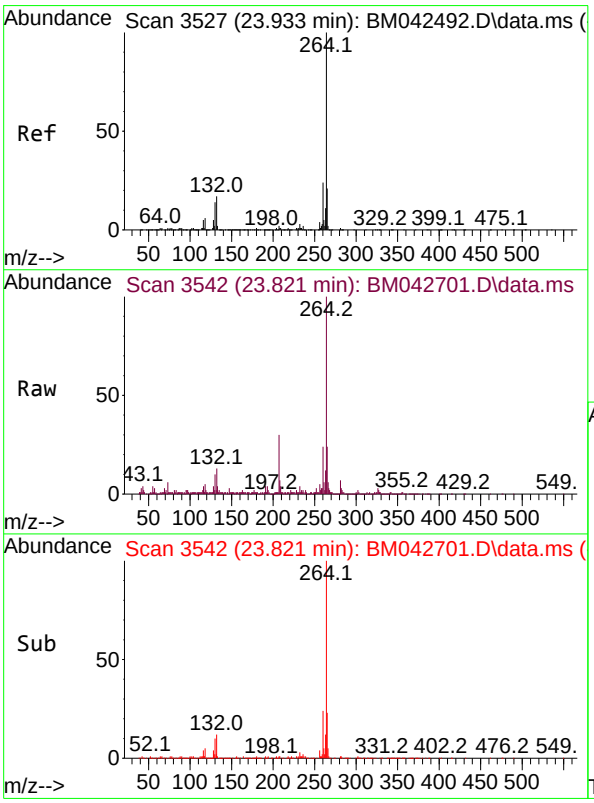
#83
Chrysene
Concen: 25.808 ng
RT: 21.480 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 419009

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.4	36.6
229	22.0	15.7	23.5

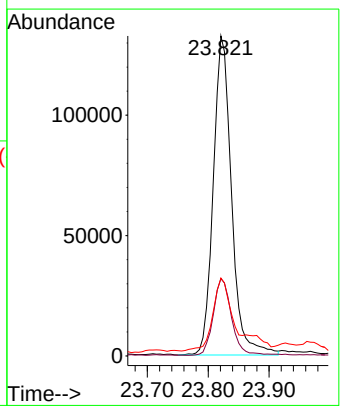


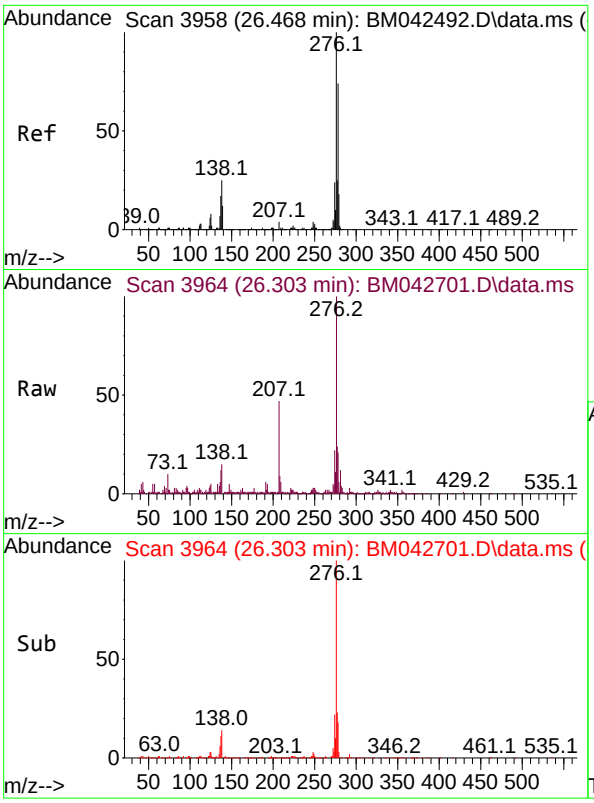


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3542
Delta R.T. 0.006 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:264 Resp: 276622

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	24.4	18.7	28.1



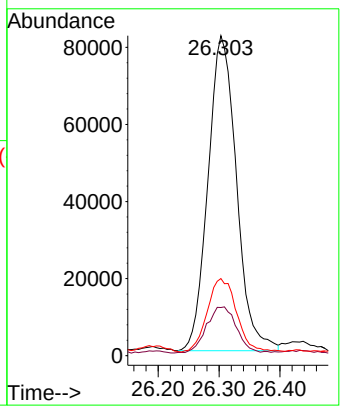


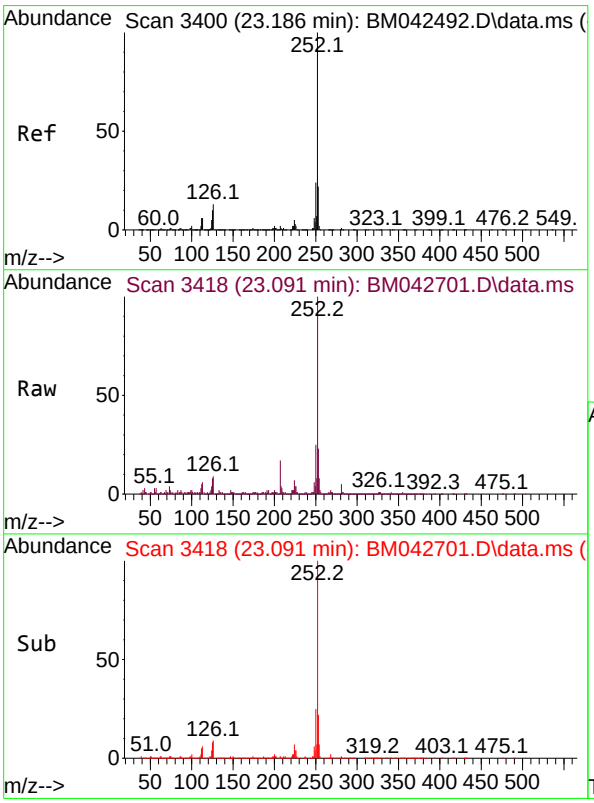
#87
Indeno(1,2,3-cd)pyrene
Concen: 16.151 ng
RT: 26.303 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 265916

Ion	Ratio	Lower	Upper
276	100		
138	15.4	20.6	31.0#
277	24.0	19.5	29.3

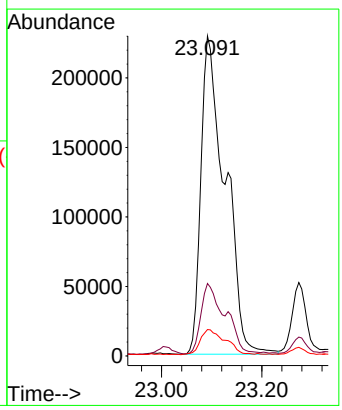


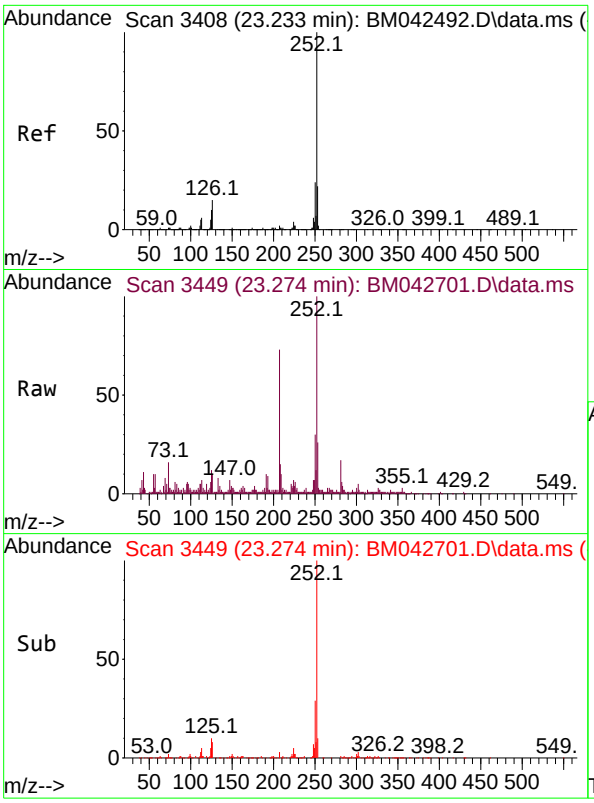


#88
Benzo(b)fluoranthene
Concen: 49.815 ng
RT: 23.091 min Scan# 3418
Delta R.T. 0.006 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:252 Resp: 767701

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	8.2	7.8	11.6



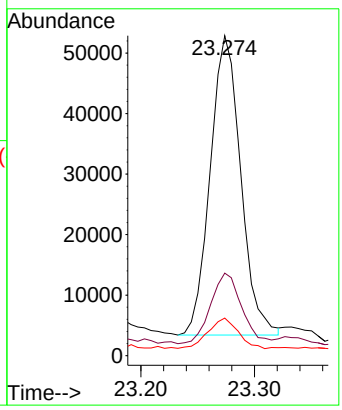


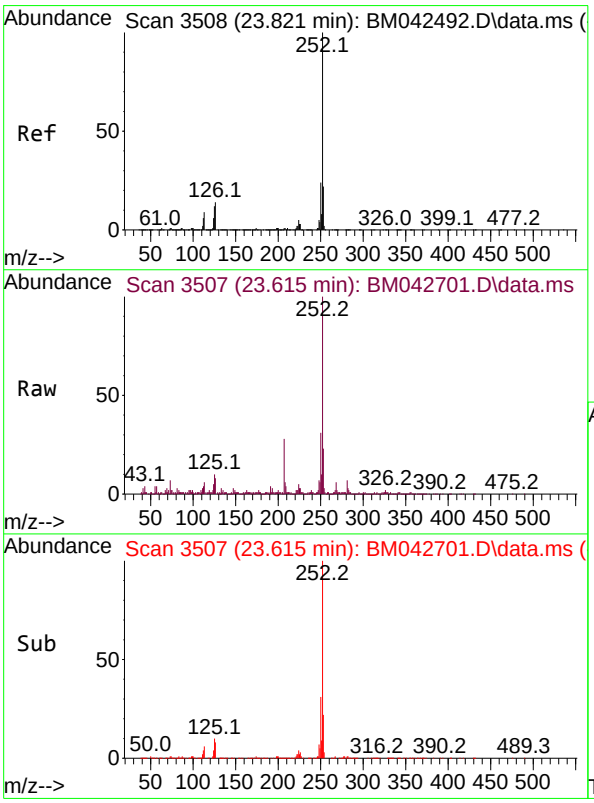
#89
Benzo(k)fluoranthene
Concen: 5.378 ng
RT: 23.274 min Scan# 34
Delta R.T. 0.135 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 92347

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	11.8	8.2	12.4

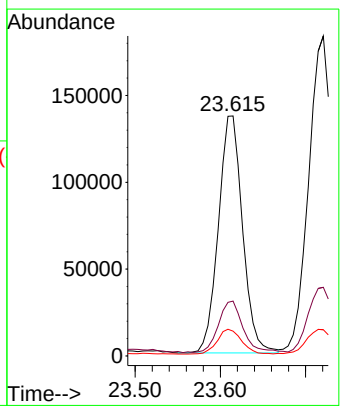


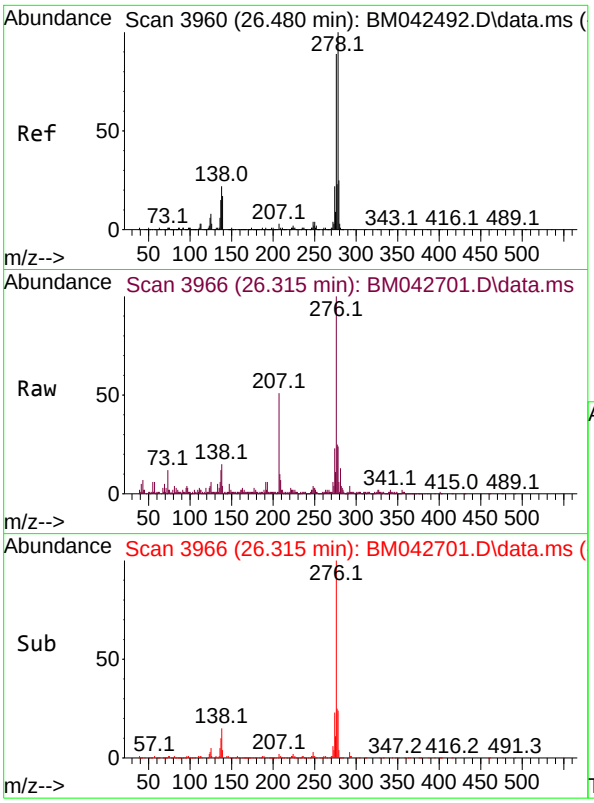


#90
Benzo(a)pyrene
Concen: 17.787 ng
RT: 23.615 min Scan# 3507
Delta R.T. -0.100 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:252 Resp: 269880

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.4	9.4	14.2



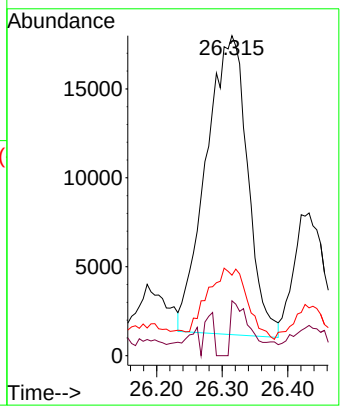


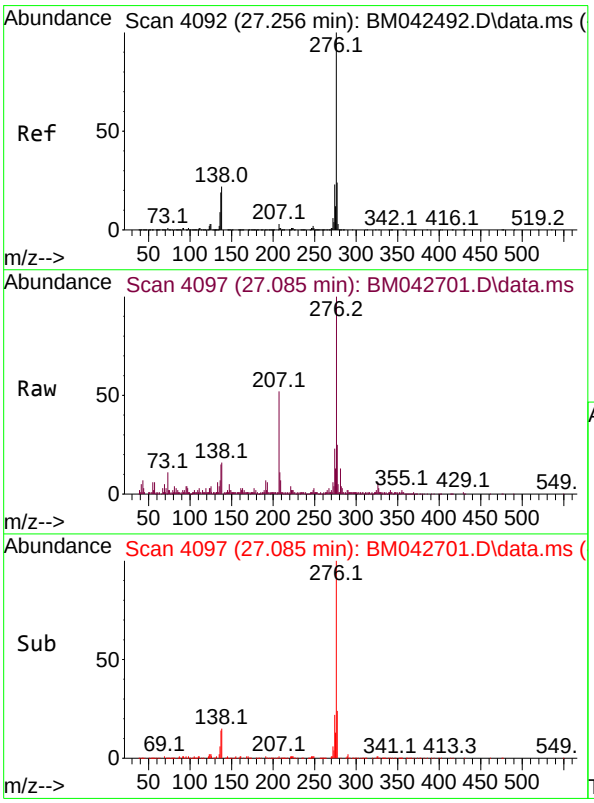
#91
Dibenzo(a,h)anthracene
Concen: 8.577 ng
RT: 26.315 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 73830

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.4	20.2
279	25.1	19.7	29.5





#92
Benzo(g,h,i)perylene
Concen: 17.355 ng
RT: 27.085 min Scan# 4097
Delta R.T. 0.006 min
Lab File: BM042701.D
Acq: 10 Nov 2023 20:58

Tgt Ion:276 Resp: 251829

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.2	28.8
138	15.7	17.3	25.9#