Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049872.D
Acq On : 09 Apr 2025 17:42
Operator : RC/JU
Sample : Q1743-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16

Quant Time: Apr 10 01:24:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	364190	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	1318106	20.000	ng		0.00
39) Acenaphthene-d10	14.422	164	872295	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1687663	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1593851	20.000	ng		0.00
86) Perylene-d12	24.403	264	1778865	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	2136979	99.639	ng		0.00
7) Phenol-d6	6.951	99	2714560	101.729	ng		0.00
23) Nitrobenzene-d5	8.934	82	1595324	67.397	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1333915	105.133	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	4343222	67.517	ng		0.00
79) Terphenyl-d14	19.786	244	6284739	73.896	ng		0.00
Target Compounds							Qvalue
52) Acenaphthene	14.480	154	129263	2.737	ng		98
58) Fluorene	15.469	166	237672	3.788	ng		96
71) Phenanthrene	17.204	178	497941	5.382	ng		100
72) Anthracene	17.292	178	203356	2.230	ng		99
75) Fluoranthene	19.221	202	392103	3.447	ng		99
78) Pyrene	19.586	202	498899	4.542	ng	#	94
83) Chrysene	21.415	228	485963m	4.826	ng		
84) Bis(2-ethylhexyl)phtha...	21.303	149	568358m	9.451	ng		
88) Benzo(b)fluoranthene	23.456	252	562971	4.955	ng	#	96
89) Benzo(k)fluoranthene	23.515	252	328305m	2.982	ng		
90) Benzo(a)pyrene	24.256	252	291646	2.921	ng	#	90

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

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Quant Time: Apr 10 01:24:04 2025
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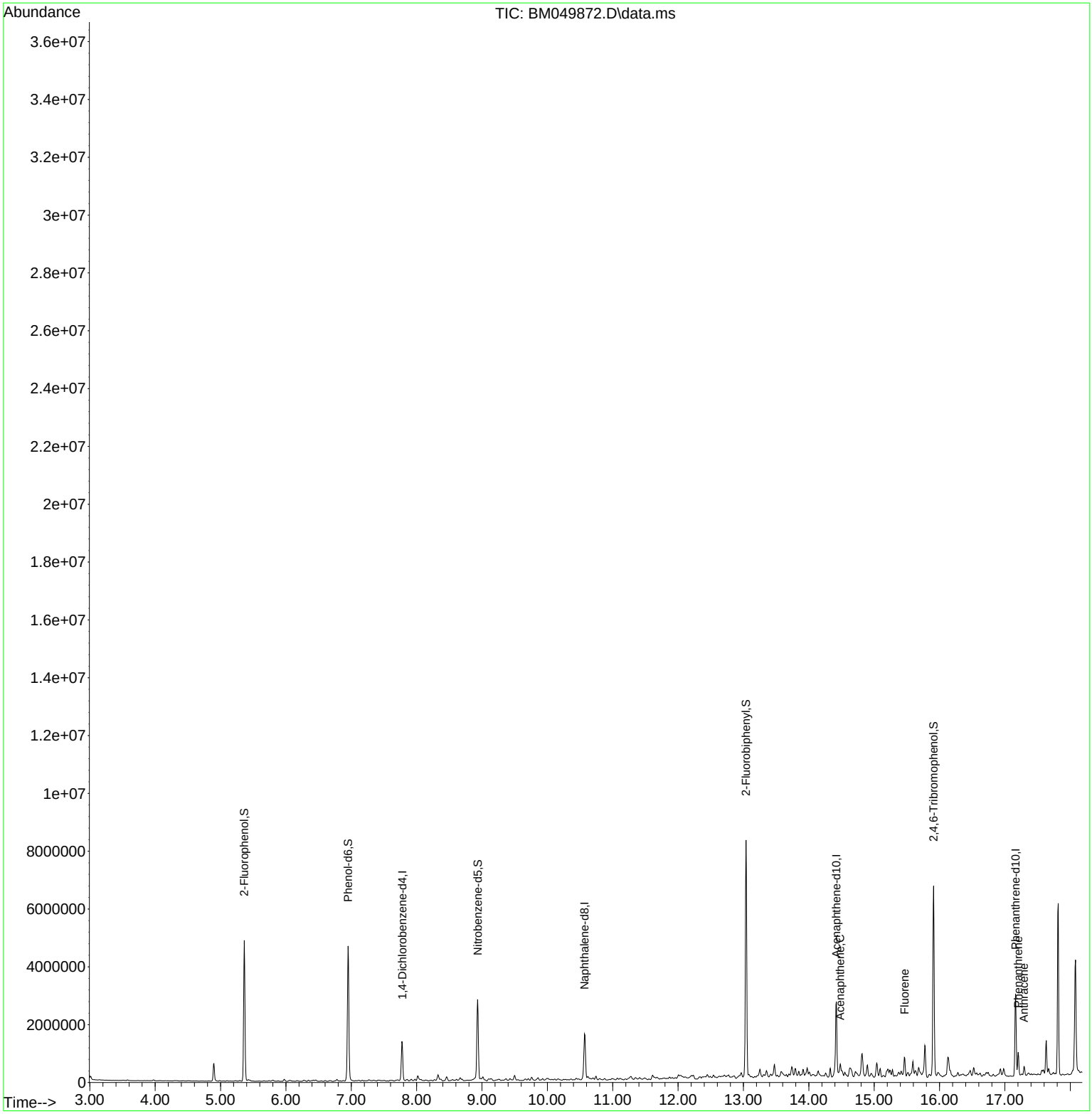
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



Quantitation Report (LSC Reviewed)

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Data File : BM049872.D
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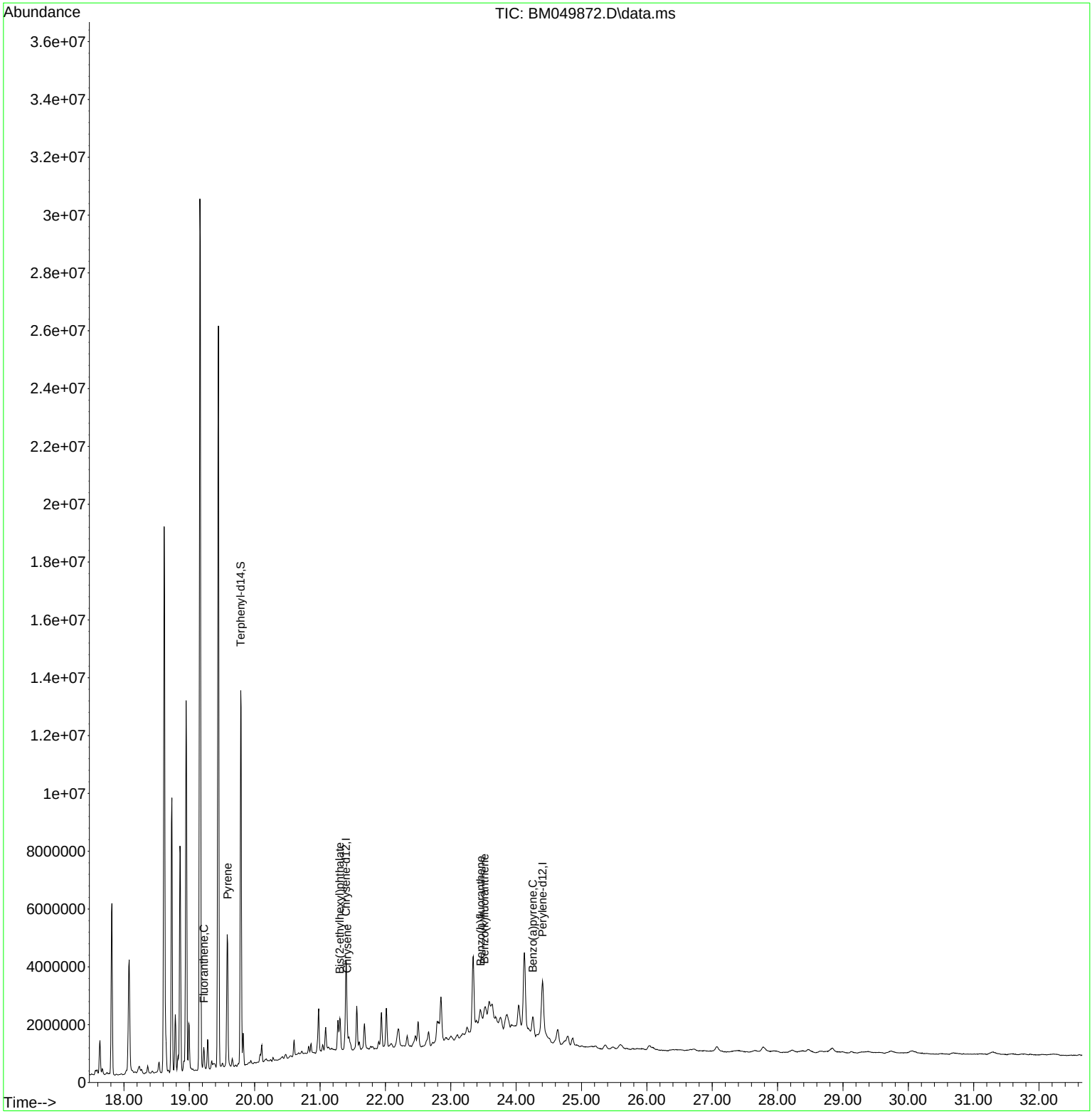
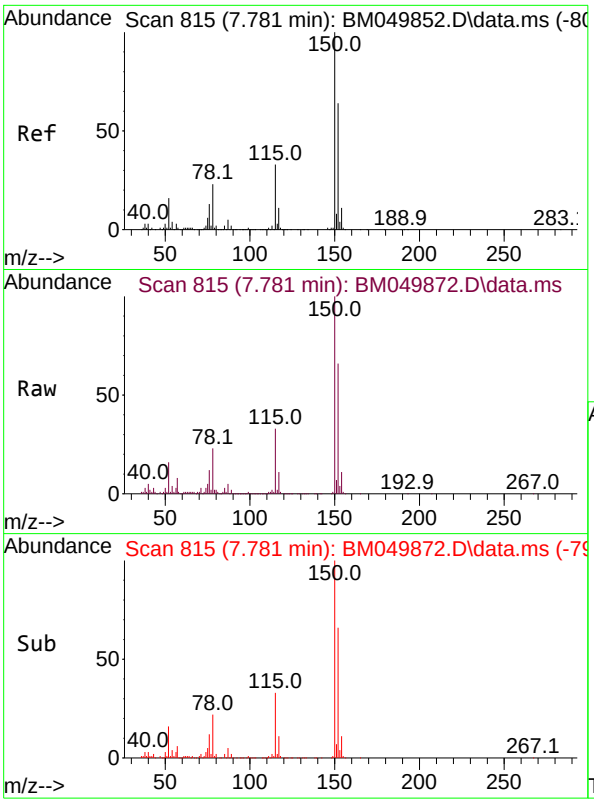


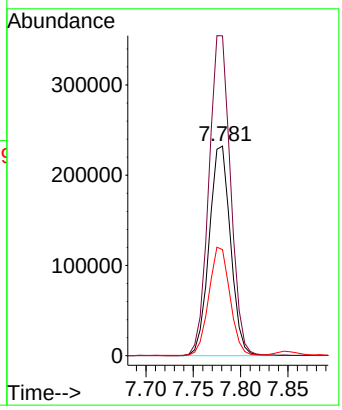


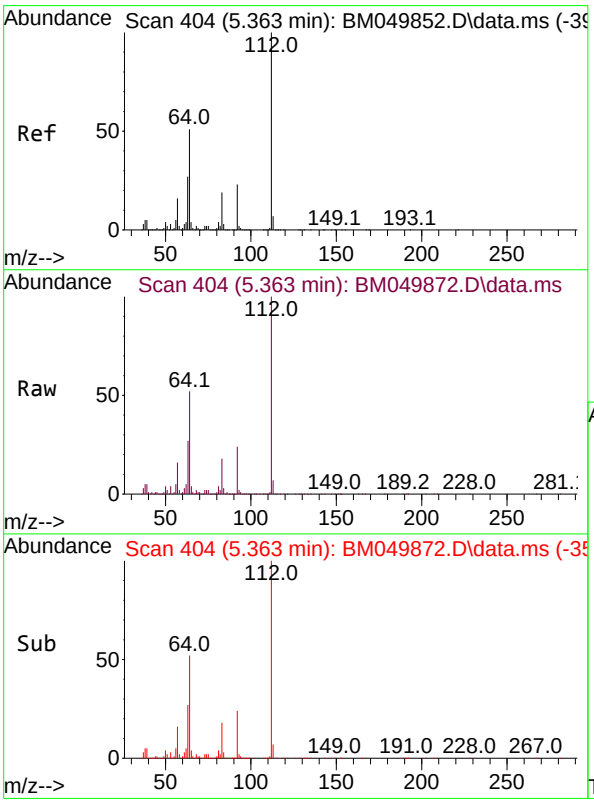
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:152 Resp: 364190

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.3	186.5
115	50.6	41.1	61.7

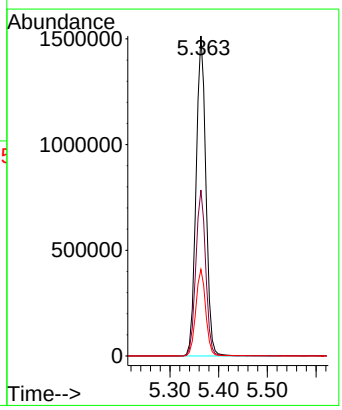


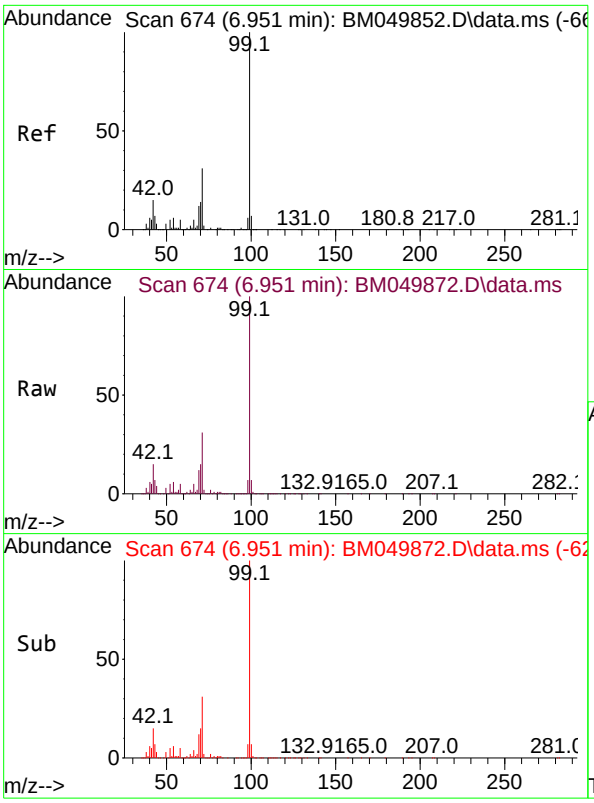


#5
2-Fluorophenol
Concen: 99.639 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:112 Resp: 2136979

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.0	61.6
63	27.1	21.5	32.3



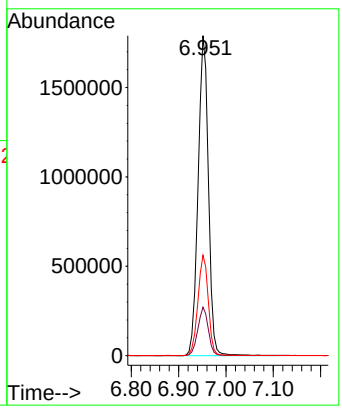


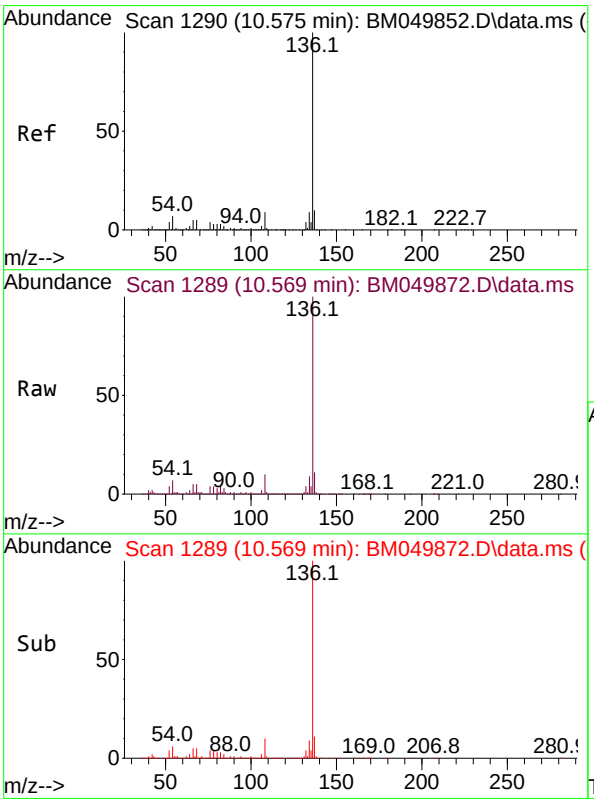
#7
Phenol-d6
Concen: 101.729 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion: 99 Resp: 2714560

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.1	18.1
71	31.4	24.9	37.3

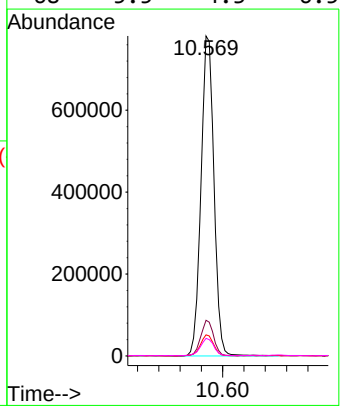


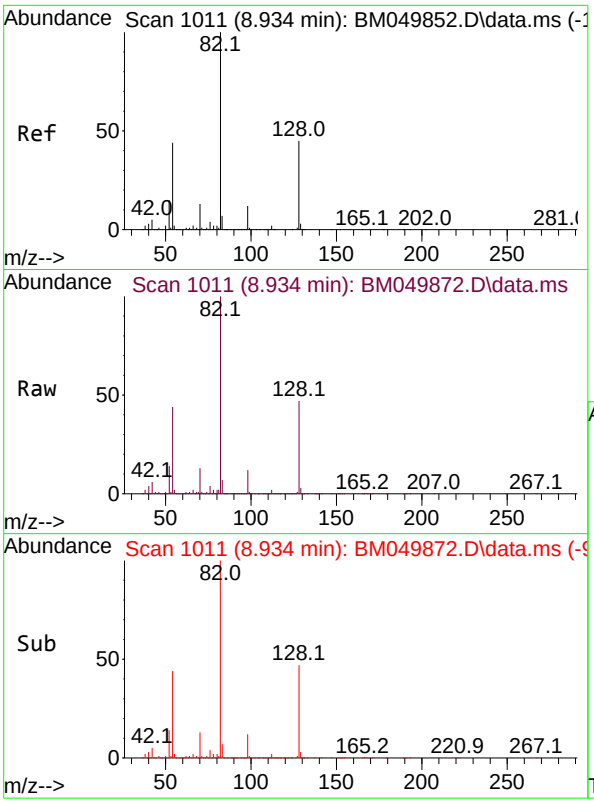


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:136 Resp: 1318106

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.6	5.3	7.9
68	5.5	4.3	6.5



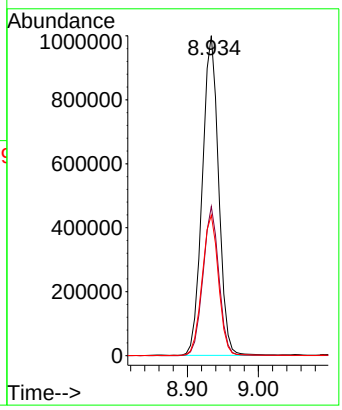


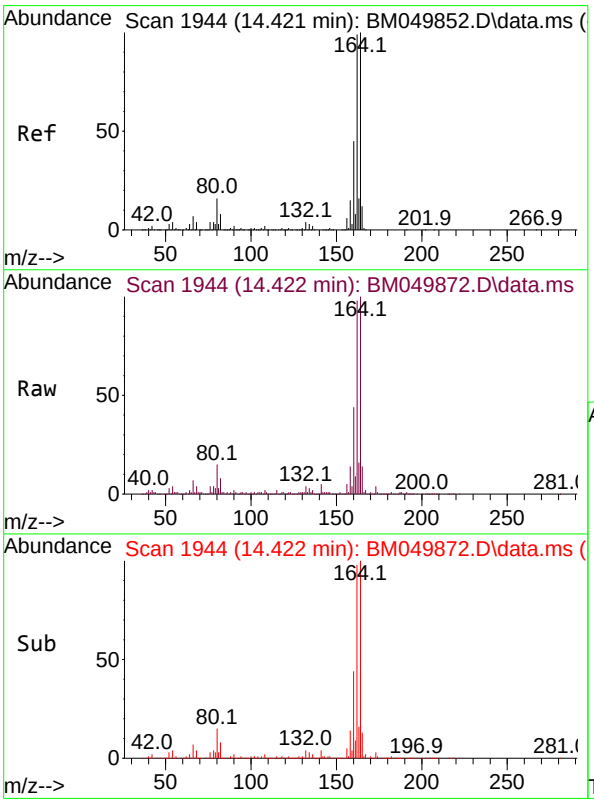
#23
Nitrobenzene-d5
Concen: 67.397 ng
RT: 8.934 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion: 82 Resp: 1595324

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.2	54.2
54	43.9	35.0	52.6

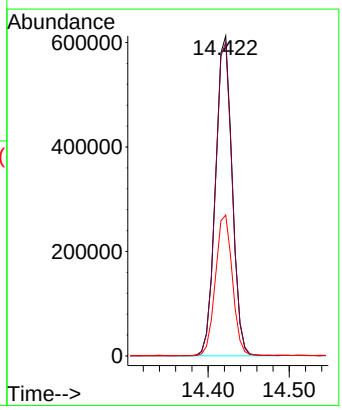


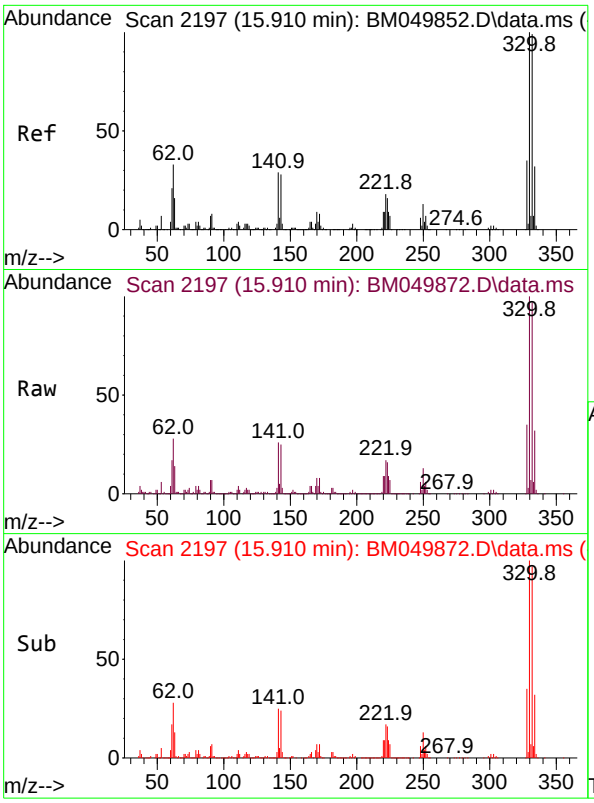


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:164 Resp: 872295

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.4	119.0
160	44.0	36.2	54.2



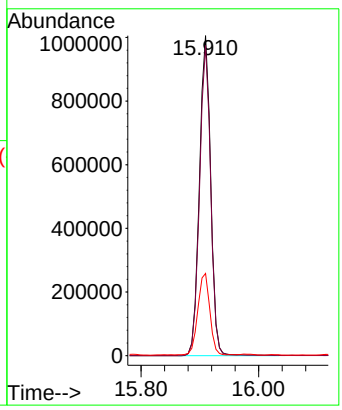


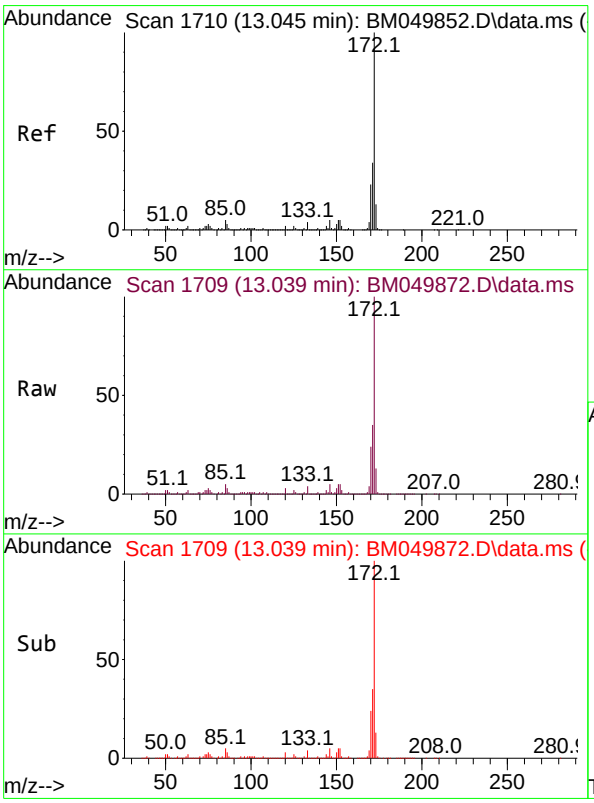
#42
2,4,6-Tribromophenol
Concen: 105.133 ng
RT: 15.910 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:330 Resp: 1333915

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	26.9	23.5	35.3

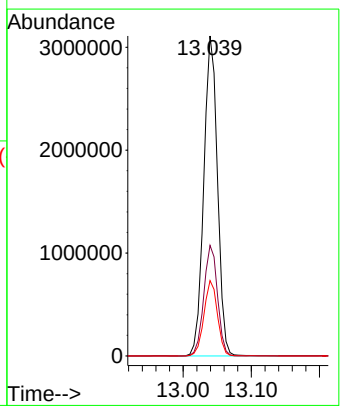


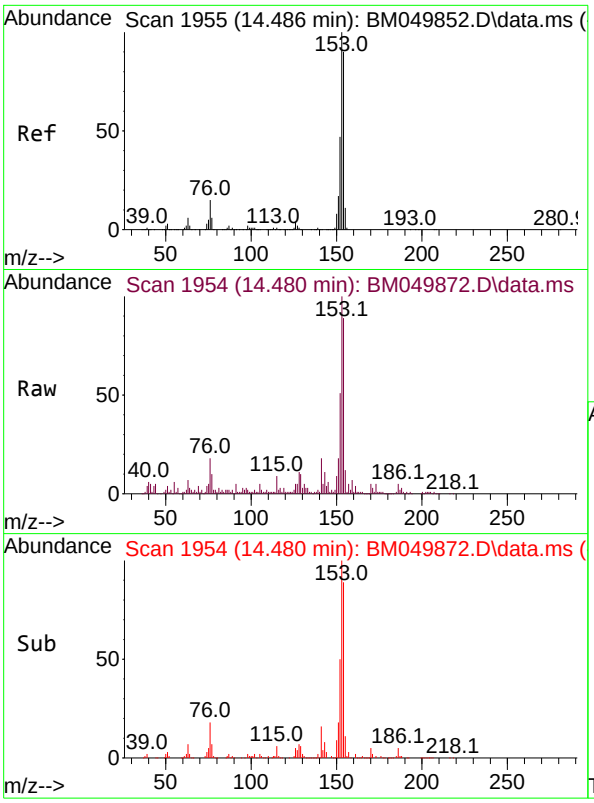


#45
2-Fluorobiphenyl
Concen: 67.517 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:172 Resp: 4343222

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.2
170	23.6	18.6	28.0



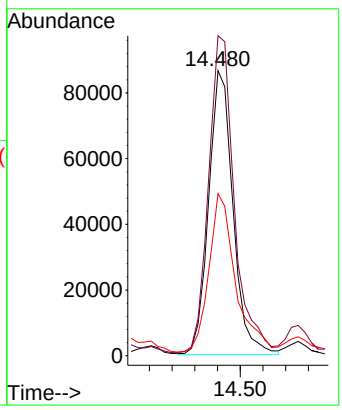


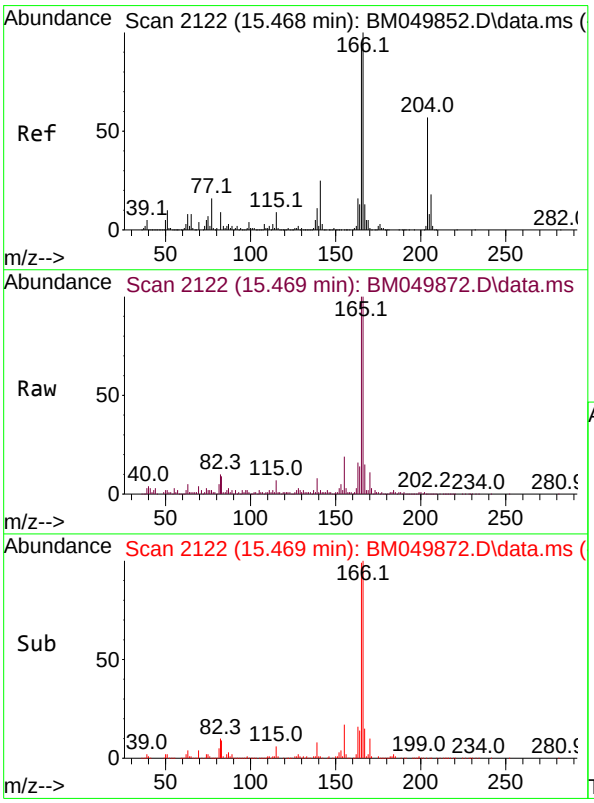
#52
Acenaphthene
Concen: 2.737 ng
RT: 14.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:154 Resp: 129263

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.3	133.9
152	56.9	42.2	63.2

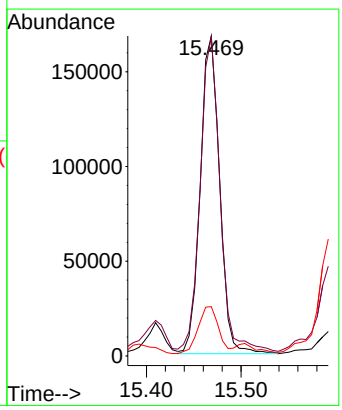


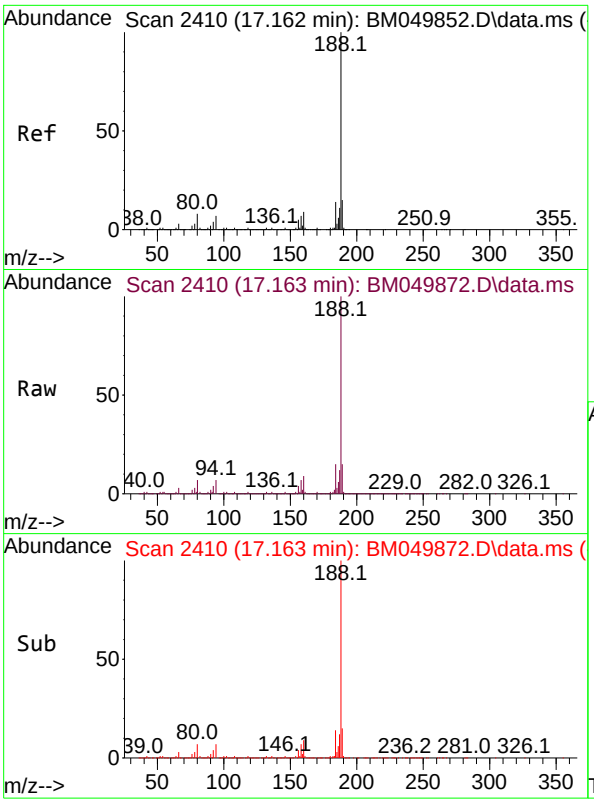


#58
Fluorene
Concen: 3.788 ng
RT: 15.469 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:166 Resp: 237672

Ion	Ratio	Lower	Upper
166	100		
165	99.7	76.3	114.5
167	15.4	10.7	16.1



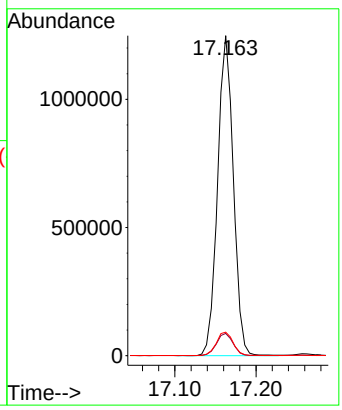


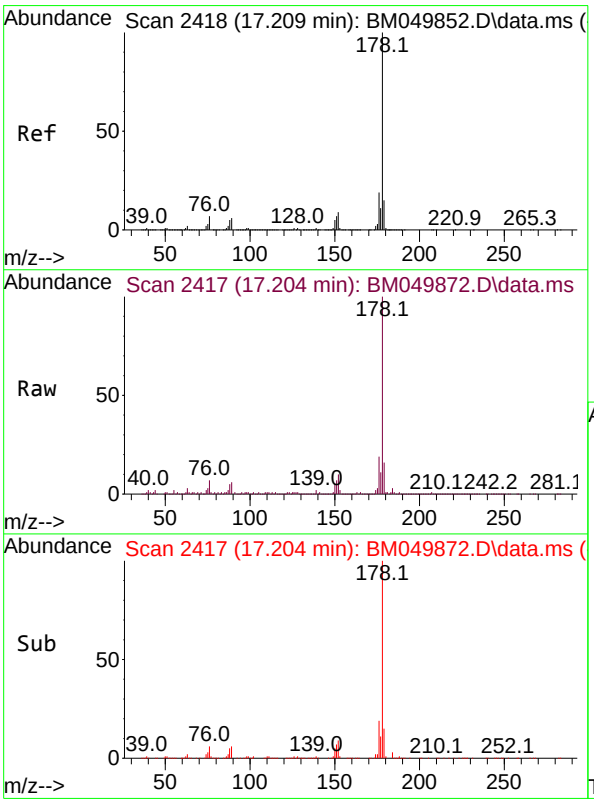
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:188 Resp: 1687663

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.6
80	7.4	6.4	9.6

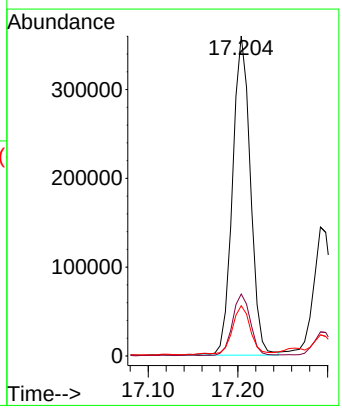


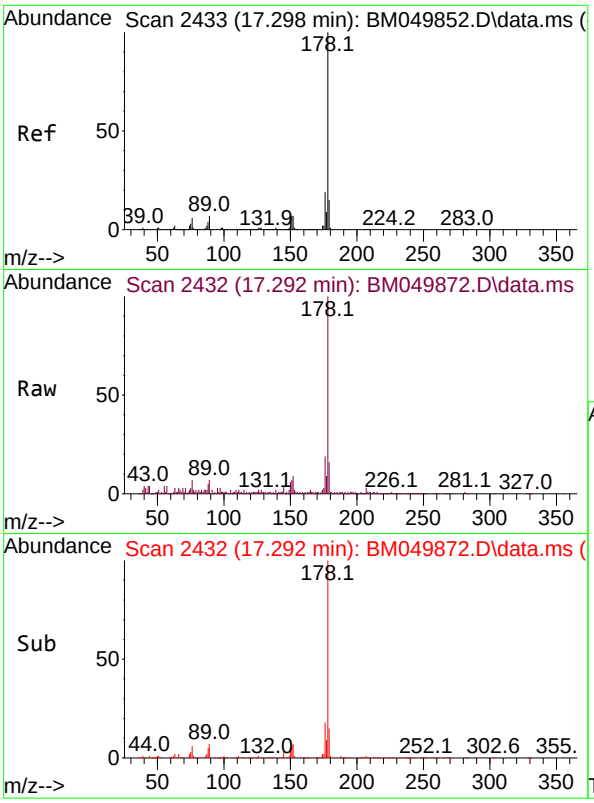


#71
Phenanthrene
Concen: 5.382 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:178 Resp: 497941

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.3	18.5



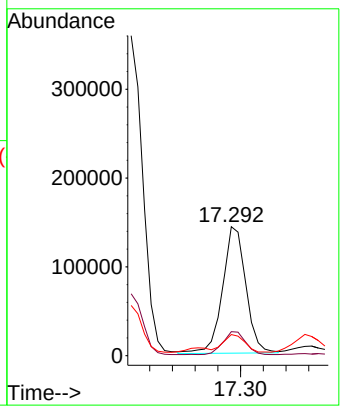


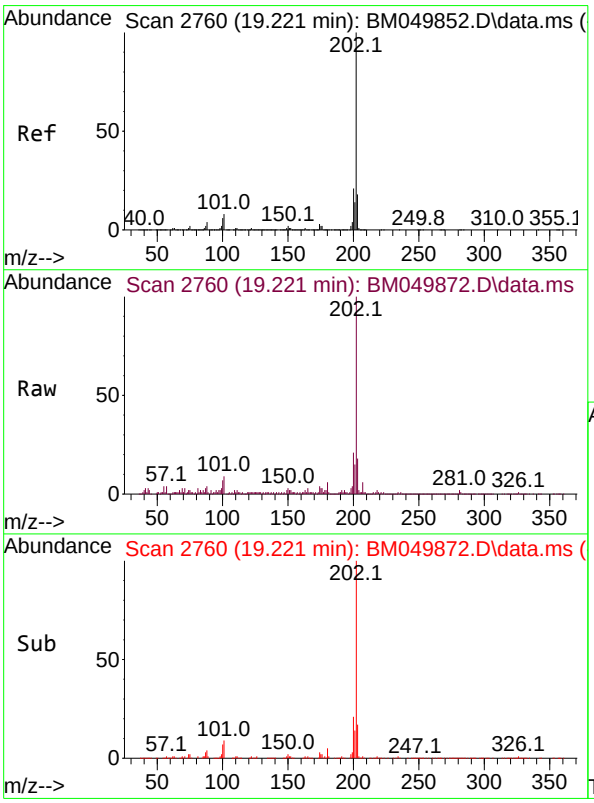
#72
Anthracene
Concen: 2.230 ng
RT: 17.292 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:178 Resp: 203356

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.3	12.4	18.6

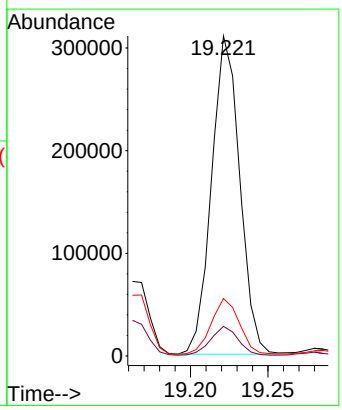


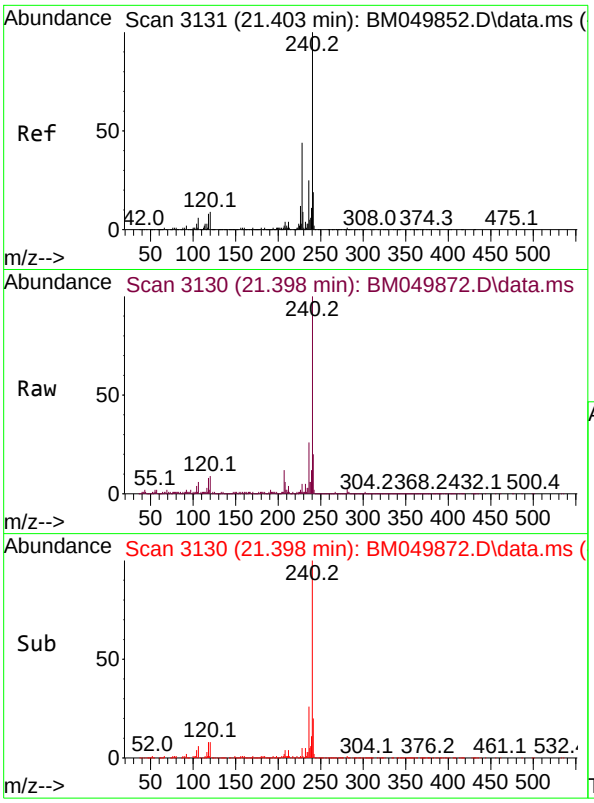


#75
Fluoranthene
Concen: 3.447 ng
RT: 19.221 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:202 Resp: 392103

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.4
203	18.0	0.0	37.8



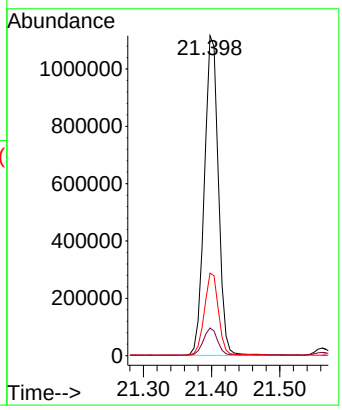


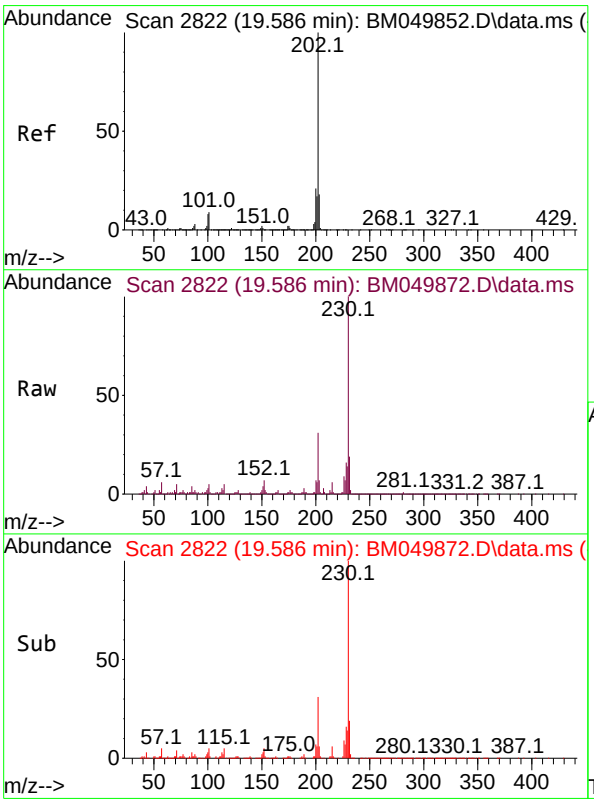
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:240 Resp: 1593851

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	25.8	20.4	30.6

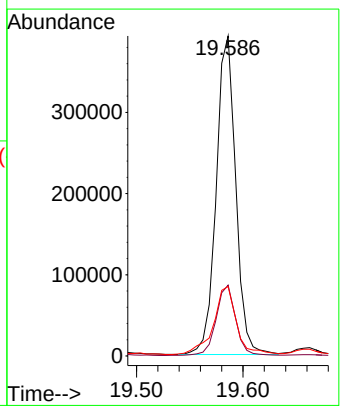


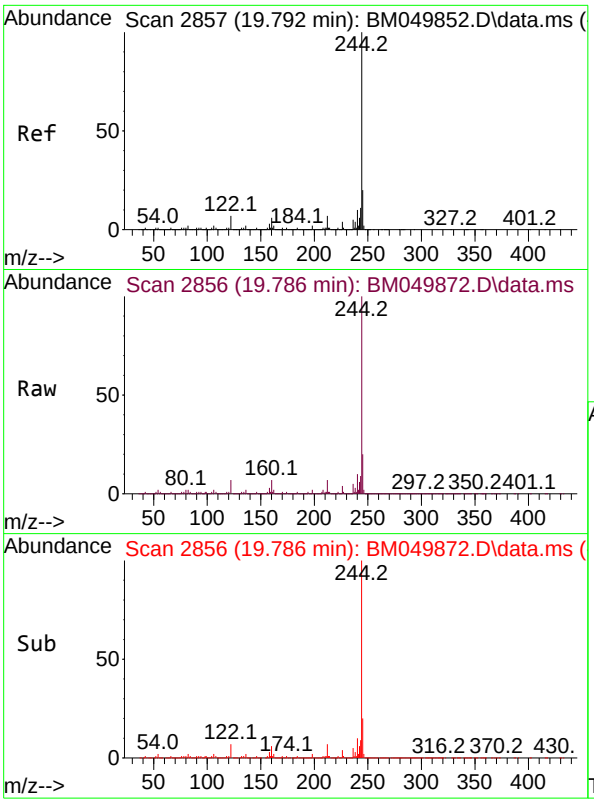


#78
Pyrene
Concen: 4.542 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:202 Resp: 498899

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.5	24.7
203	21.7	14.0	21.0#



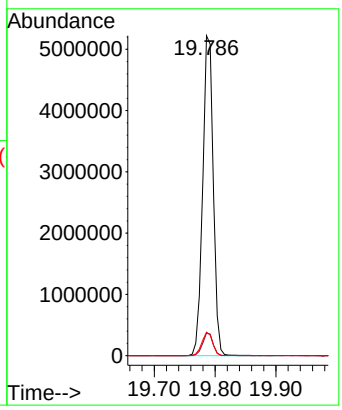


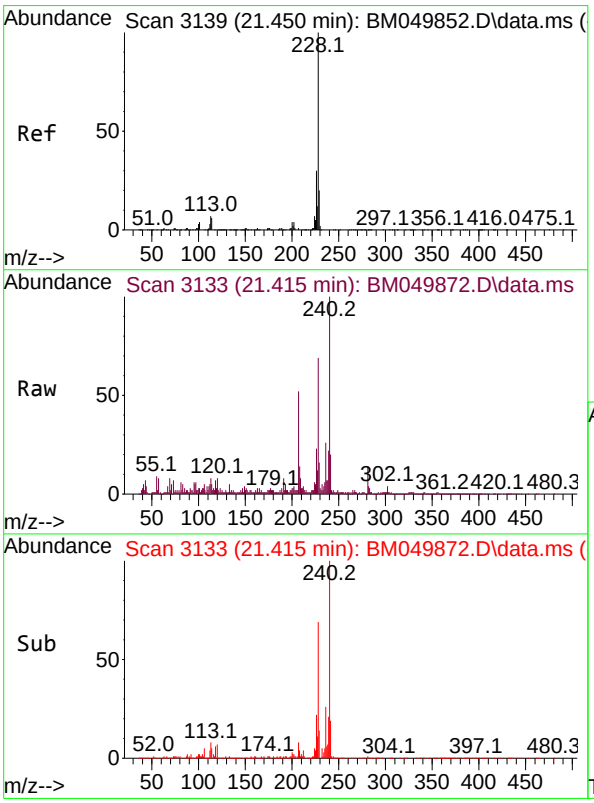
#79
Terphenyl-d14
Concen: 73.896 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:244 Resp: 6284739

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	7.4	5.4	8.0

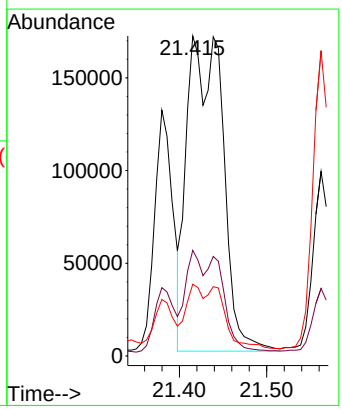


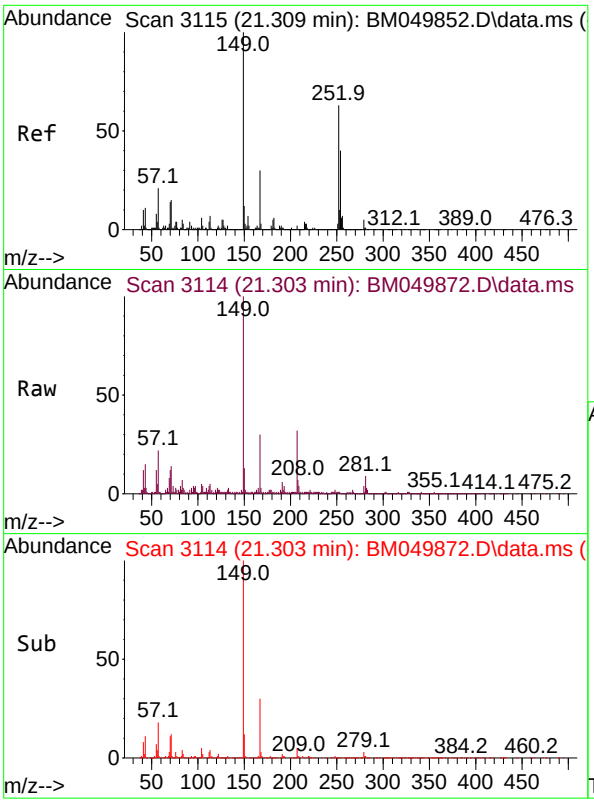


#83
Chrysene
Concen: 4.826 ng m
RT: 21.415 min Scan# 3133
Delta R.T. -0.035 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:228 Resp: 485963

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.1	36.1
229	22.4	15.8	23.6



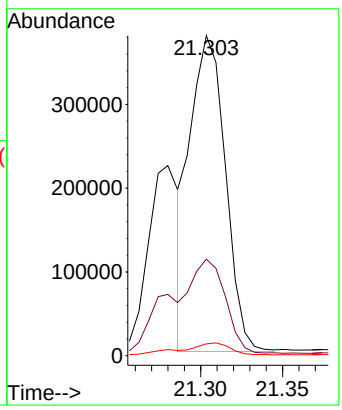


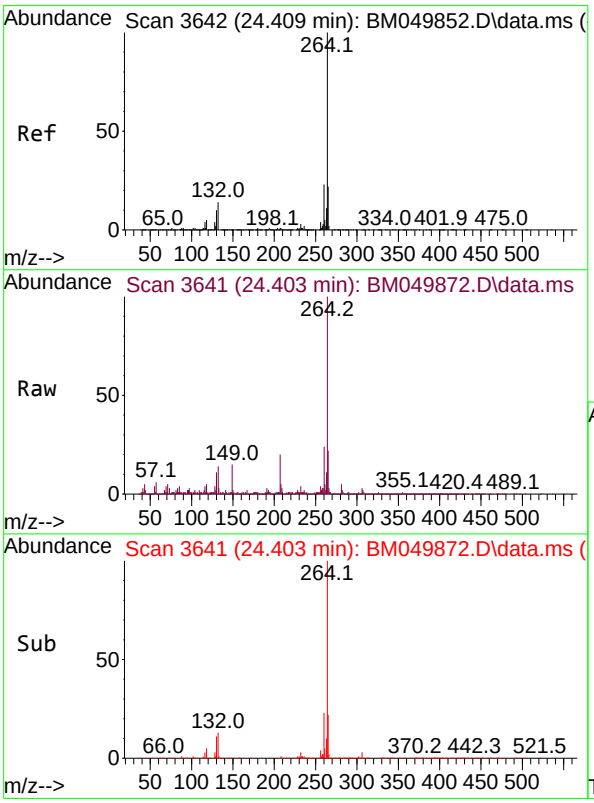
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.451 ng m
RT: 21.303 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:149 Resp: 568358

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.8	35.6
279	3.7	3.8	5.8#

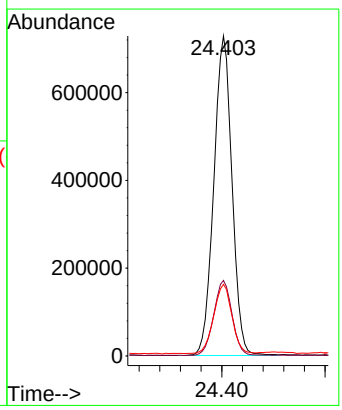


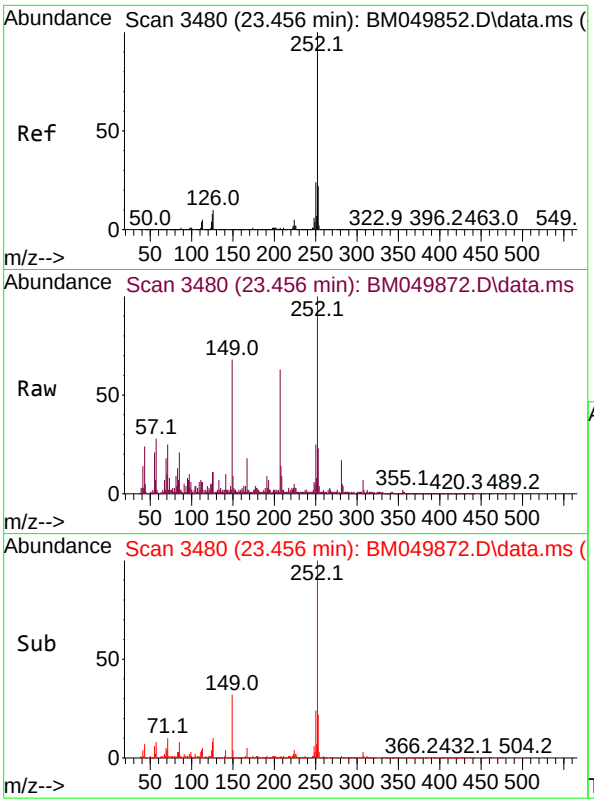


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:264 Resp: 1778865

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.4	17.8	26.8



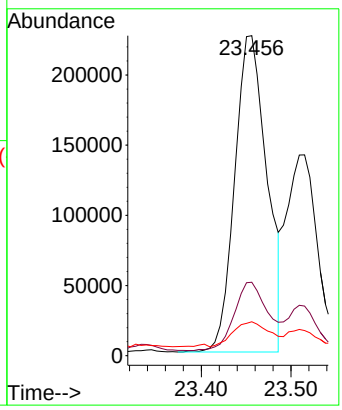


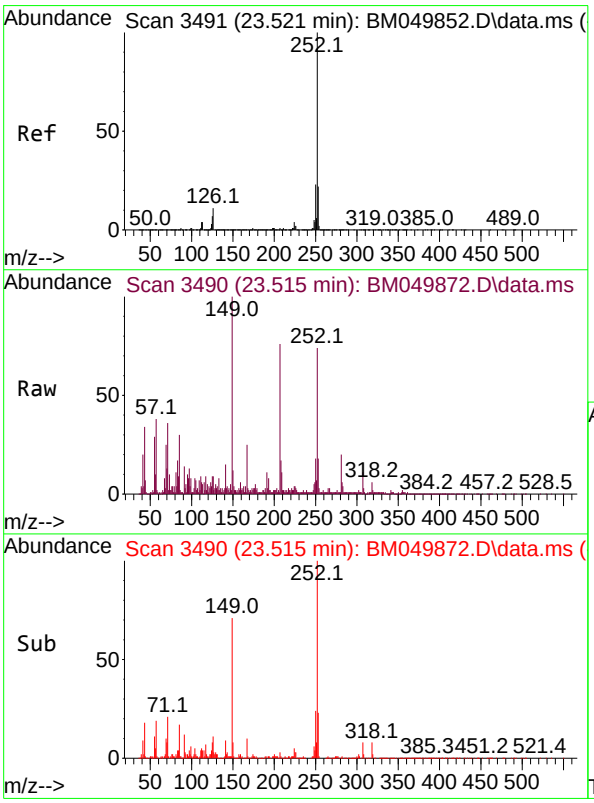
#88
Benzo(b)fluoranthene
Concen: 4.955 ng
RT: 23.456 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:252 Resp: 562971

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.6	6.2	9.4#

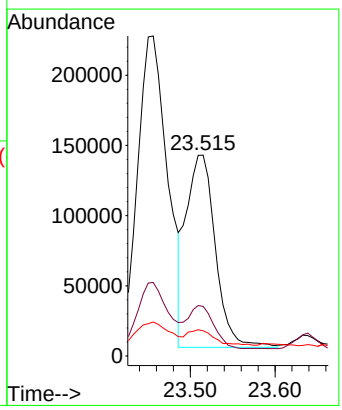


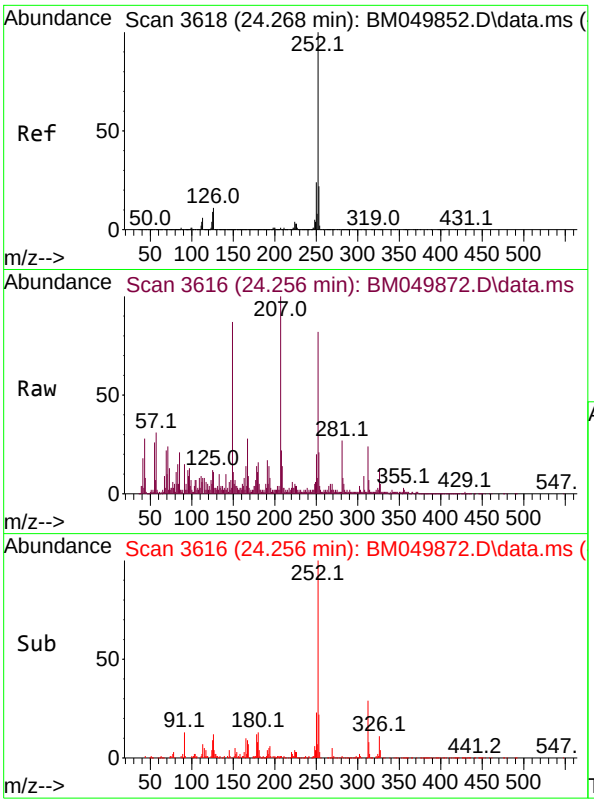


#89
Benzo(k)fluoranthene
Concen: 2.982 ng m
RT: 23.515 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Tgt Ion:252 Resp: 328305

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	12.5	5.8	8.8#





#90
Benzo(a)pyrene
Concen: 2.921 ng
RT: 24.256 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM049872.D
Acq: 09 Apr 2025 17:42

Instrument :
BNA_M
ClientSampleId :
TP-16

Tgt Ion:252 Resp: 291646

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.8
125	14.1	7.0	10.4#